COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO

ALTA SORVEGLIANZA:

ITALFERR
GRUPPO FERROVIE DELLO STATO

GENERAL CONTRACTOR:

Consorzio IricAV Due

INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N. 443/01

LINEA A.V. /A.C. TORINO–VENEZIA Tratta VERONA–PADOVA
Lotto funzionale Verona–Bivio Vicenza

PROGETTO ESECUTIVO

TOPOGRAFIA
INFRASTRUTTURE
GENERALE

RETE DI RAFFITTIMENTO – CALCOLO BASELINE RAFFITTIMENTO

GENERAL CONTRACTOR		DIRETTORE LAVORI	SCALA :
IL PROGETTISTA INTEGRATORE Ing. Giovanni MALAVENDA Iscritto all'Ordine degli ingegneri di Venezia n. 4289 Data: N. 4289	Consorzio Iricav Due Ing. Paolo Carmona Data:	Data:	VARIE

ORDINE INGEGNERI PROVINCIA DI VENEZIA
Ingegnere GIOVANNI MALAVENDA
Sezione A

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.	FOGLIO
IN17	10	E	I2	RT	IF0000	025	A	DI

Consorzio IricAV Due

VISTO CONSORZIO IRICAV DUE

Firma	Data
ing. Luca RANDOLFI	

Progettazione :

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	IL PROGETTISTA
A	EMISSIONE	GLOBAL SERVICE	23/04/21	RANDOLFI	23/04/21	MALAVENDA	23/04/21	
B								
C								Data:

CIG. 8377957CD1	CUP: J41E91000000009	File: IN1710EI2RTIF0000025A.DWG
		Cod. origine: CODICE

Progetto cofinanziato dalla Unione Europea

Scala di plot:

Results - Baseline
CS01 - GS06

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:42:02

Point Information

	Reference: CS01	**Rover: GS06**
Receiver type / S/N:	TOPCON / 89	TOPCON / 89
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.1680 m	1.5840 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 22.85587" N
Longitude:	11° 05' 10.92742" E	11° 03' 57.51457" E
Ellip. Hgt:	90.6348 m	97.4135 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS06
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 22.85576" N
Longitude:	11° 05' 10.92742" E	11° 03' 57.51457" E
Ellip. Hgt:	90.6348 m	97.3984 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - GS07

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:42:03

Point Information

	Reference: CS01	**Rover: GS07**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.1680 m	1.3920 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 12.91440" N
Longitude:	11° 05' 10.92742" E	11° 04' 29.72232" E
Ellip. Hgt:	90.6348 m	93.6980 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS07
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 12.91418" N
Longitude:	11° 05' 10.92742" E	11° 04' 29.72220" E
Ellip. Hgt:	90.6348 m	93.6925 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - GS08

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:36:04

Point Information

	Reference: CS01	**Rover: GS08**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.2560 m	1.1550 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 11.24159" N
Longitude:	11° 05' 10.92742" E	11° 04' 39.87413" E
Ellip. Hgt:	90.6348 m	92.1168 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS08
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 11.15241" N
Longitude:	11° 05' 10.92742" E	11° 04' 39.83626" E
Ellip. Hgt:	90.6348 m	94.0235 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Results - Baseline
CS01 - GS09

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:39:46

Point Information

	Reference: CS01	**Rover: GS09**
Receiver type / S/N:	TOPCON / 89	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.1830 m	1.2440 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 22.10896" N
Longitude:	11° 05' 10.92742" E	11° 05' 28.78269" E
Ellip. Hgt:	90.6348 m	90.8814 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS09
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 22.10864" N
Longitude:	11° 05' 10.92742" E	11° 05' 28.78277" E
Ellip. Hgt:	90.6348 m	90.8513 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	No valid ephemeris for satellite coordinate calculation R02 between 11/02/2020 10:59:42 and 11/02/2020 11:29:42.
Error Orbit:	No valid ephemeris for satellite coordinate calculation R24 between 11/02/2020 10:59:42 and 11/02/2020 11:29:42.
Error Orbit:	No valid ephemeris for satellite coordinate calculation R02 between 11/02/2020 10:59:42 and 11/02/2020 11:29:42.
Error Orbit:	No valid ephemeris for satellite coordinate calculation R24 between 11/02/2020 10:59:42 and 11/02/2020 11:29:42.

Results - Baseline
CS01 - GS10

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:47:08

Point Information

	Reference: CS01	**Rover: GS10**
Receiver type / S/N:	TOPCON / 89	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.1830 m	1.4950 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 34.91475" N
Longitude:	11° 05' 10.92742" E	11° 05' 39.16293" E
Ellip. Hgt:	90.6348 m	89.9458 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS10
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 34.91453" N
Longitude:	11° 05' 10.92742" E	11° 05' 39.16299" E
Ellip. Hgt:	90.6348 m	89.9270 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - GS11

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:53:27

Point Information

	Reference: CS01	**Rover: GS11**
Receiver type / S/N:	GS15 / 1513025	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.0990 m	0.6530 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 12.23693" N
Longitude:	11° 05' 10.92742" E	11° 06' 10.97019" E
Ellip. Hgt:	90.6348 m	88.2400 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS11
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 12.23686" N
Longitude:	11° 05' 10.92742" E	11° 06' 10.97033" E
Ellip. Hgt:	90.6348 m	88.2408 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - GS12

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:47:09

Point Information

	Reference: CS01	**Rover: GS12**
Receiver type / S/N:	TOPCON / 89	GS15 / 1513025
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.1830 m	1.3130 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 16.95052" N
Longitude:	11° 05' 10.92742" E	11° 06' 19.78919" E
Ellip. Hgt:	90.6348 m	87.7265 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS12
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 16.95047" N
Longitude:	11° 05' 10.92742" E	11° 06' 19.78924" E
Ellip. Hgt:	90.6348 m	87.7132 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - GS13

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:00:17

Point Information

	Reference: CS01	**Rover: GS13**
Receiver type / S/N:	TOPCON / 89	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.3060 m	1.6740 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 23' 54.28161" N
Longitude:	11° 05' 10.92742" E	11° 06' 59.58623" E
Ellip. Hgt:	90.6348 m	75.9555 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS13
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 23' 54.28155" N
Longitude:	11° 05' 10.92742" E	11° 06' 59.58633" E
Ellip. Hgt:	90.6348 m	75.9320 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - GS14

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:04:19

Point Information

	Reference: CS01	**Rover: GS14**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.3060 m	1.1650 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 23' 56.49395" N
Longitude:	11° 05' 10.92742" E	11° 07' 30.41625" E
Ellip. Hgt:	90.6348 m	75.3043 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:GS14
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 23' 56.49391" N
Longitude:	11° 05' 10.92742" E	11° 07' 30.41635" E
Ellip. Hgt:	90.6348 m	75.2760 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - RL05

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:36:05

Point Information

	Reference: CS01	**Rover: RL05**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.2560 m	1.2650 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 07.74943" N
Longitude:	11° 05' 10.92742" E	11° 04' 36.85798" E
Ellip. Hgt:	90.6348 m	98.2236 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:RL05
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 25' 07.67708" N
Longitude:	11° 05' 10.92742" E	11° 04' 36.78197" E
Ellip. Hgt:	90.6348 m	94.3673 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS01 - RL10

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:53:29

Point Information

	Reference: CS01	**Rover: RL10**
Receiver type / S/N:	GS15 / 1513025	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	1.0990 m	1.5080 m
Initial coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 11.77104" N
Longitude:	11° 05' 10.92742" E	11° 07' 32.02216" E
Ellip. Hgt:	90.6348 m	76.6635 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS01	Rover:RL10
Coordinates:		
Latitude:	45° 24' 17.80601" N	45° 24' 11.77099" N
Longitude:	11° 05' 10.92742" E	11° 07' 32.02219" E
Ellip. Hgt:	90.6348 m	76.6596 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS05 - GS48

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:56:07

Point Information

	Reference: CS05	**Rover: GS48**
Receiver type / S/N:	GS15 / 1513025	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9270 m	1.5490 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 28' 55.22790" N
Longitude:	11° 30' 19.95641" E	11° 25' 56.42068" E
Ellip. Hgt:	77.1105 m	96.0242 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS48
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 28' 55.22819" N
Longitude:	11° 30' 19.95641" E	11° 25' 56.42069" E
Ellip. Hgt:	77.1105 m	96.0733 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0003 m	Sd. Lon: 0.0003 m	Sd. Hgt: 0.0009 m
	Posn. Qlty: 0.0005 m	Sd. Slope: 0.0003 m	

Results - Baseline
CS05 - GS49

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:01:55

Point Information

	Reference: CS05	**Rover: GS49**
Receiver type / S/N:	GS15 / 1513025	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9270 m	1.6300 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 05.59848" N
Longitude:	11° 30' 19.95641" E	11° 26' 46.51414" E
Ellip. Hgt:	77.1105 m	97.7544 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS49
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 05.59866" N
Longitude:	11° 30' 19.95641" E	11° 26' 46.51450" E
Ellip. Hgt:	77.1105 m	97.8823 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
CS05 - GS50

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:48:42

Point Information

	Reference: CS05	**Rover: GS50**
Receiver type / S/N:	GS15 / 1513025	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9270 m	1.3430 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 11.50737" N
Longitude:	11° 30' 19.95641" E	11° 26' 51.78504" E
Ellip. Hgt:	77.1105 m	96.3644 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS50
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 11.50760" N
Longitude:	11° 30' 19.95641" E	11° 26' 51.78525" E
Ellip. Hgt:	77.1105 m	96.3912 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
CS05 - GS51

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:19:38

Point Information

	Reference: CS05	**Rover: GS51**
Receiver type / S/N:	GS15 / 1513025	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9270 m	1.4420 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 42.86090" N
Longitude:	11° 30' 19.95641" E	11° 27' 20.33909" E
Ellip. Hgt:	77.1105 m	81.6215 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS51
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 42.86075" N
Longitude:	11° 30' 19.95641" E	11° 27' 20.26595" E
Ellip. Hgt:	77.1105 m	92.5336 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS05 - GS52

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:08:01

Point Information

	Reference: CS05	**Rover: GS52**
Receiver type / S/N:	TOPCON / 8	GS15 / 1513025
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.2410 m	1.3780 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 33.64082" N
Longitude:	11° 30' 19.95641" E	11° 27' 23.53255" E
Ellip. Hgt:	77.1105 m	87.8876 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS52
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 33.60460" N
Longitude:	11° 30' 19.95641" E	11° 27' 23.43931" E
Ellip. Hgt:	77.1105 m	91.7699 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
CS05 - GS53

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:18:27

Point Information

	Reference: CS05	**Rover: GS53**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.2410 m	1.0700 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 49.04942" N
Longitude:	11° 30' 19.95641" E	11° 27' 43.69064" E
Ellip. Hgt:	77.1105 m	89.2963 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS53
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 49.04952" N
Longitude:	11° 30' 19.95641" E	11° 27' 43.69062" E
Ellip. Hgt:	77.1105 m	89.3051 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
CS05 - GS54

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:08:02

Point Information

	Reference: CS05	**Rover: GS54**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.2410 m	1.4950 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 51.18455" N
Longitude:	11° 30' 19.95641" E	11° 28' 00.87943" E
Ellip. Hgt:	77.1105 m	89.1122 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS54
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 30' 51.15880" N
Longitude:	11° 30' 19.95641" E	11° 28' 00.84478" E
Ellip. Hgt:	77.1105 m	87.5022 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
CS05 - GS56

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:23:13

Point Information

	Reference: CS05	**Rover: GS56**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.2410 m	1.2350 m
Initial coordinates:		
Latitude:	45° 29' 56.66569" N	45° 31' 19.19751" N
Longitude:	11° 30' 19.95641" E	11° 29' 25.75952" E
Ellip. Hgt:	77.1105 m	80.2902 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS05	Rover:GS56
Coordinates:		
Latitude:	45° 29' 56.66569" N	45° 31' 19.19763" N
Longitude:	11° 30' 19.95641" E	11° 29' 25.75935" E
Ellip. Hgt:	77.1105 m	80.3105 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Results - Baseline
CS06 - GS55

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:24:13

Point Information

	Reference: CS06	**Rover: GS55**
Receiver type / S/N:	GS15 / 1513025	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.0970 m	1.2500 m
Initial coordinates:		
Latitude:	45° 32' 29.46702" N	45° 31' 17.05736" N
Longitude:	11° 29' 12.67187" E	11° 29' 14.27454" E
Ellip. Hgt:	81.0419 m	80.2860 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS06	Rover:GS55
Coordinates:		
Latitude:	45° 32' 29.46702" N	45° 31' 17.05729" N
Longitude:	11° 29' 12.67187" E	11° 29' 14.27441" E
Ellip. Hgt:	81.0419 m	80.3065 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
CS06 - GS56

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:25:53

Point Information

	Reference: CS06	**Rover: GS56**
Receiver type / S/N:	GS15 / 1513025	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	1.0970 m	1.2350 m
Initial coordinates:		
Latitude:	45° 32' 29.46702" N	45° 31' 19.19753" N
Longitude:	11° 29' 12.67187" E	11° 29' 25.75949" E
Ellip. Hgt:	81.0419 m	80.2933 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:CS06	Rover:GS56
Coordinates:		
Latitude:	45° 32' 29.46702" N	45° 31' 19.19735" N
Longitude:	11° 29' 12.67187" E	11° 29' 25.75934" E
Ellip. Hgt:	81.0419 m	80.3082 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	No valid ephemeris for satellite coordinate calculation G04 between 11/24/2020 07:59:42 and 11/24/2020 08:59:42.

Results - Baseline
GS01 - GS02

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:09:53

Point Information

	Reference: GS01	**Rover: GS02**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.6440 m	1.2730 m
Initial coordinates:		
Latitude:	45° 26' 10.89743" N	45° 26' 12.13946" N
Longitude:	11° 01' 26.69500" E	11° 01' 38.53410" E
Ellip. Hgt:	101.6191 m	101.7861 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS01	Rover:GS02
Coordinates:		
Latitude:	45° 26' 10.89743" N	45° 26' 12.13948" N
Longitude:	11° 01' 26.69500" E	11° 01' 38.53409" E
Ellip. Hgt:	101.6191 m	101.7858 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS02 - GS03

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:11:04

Point Information

	Reference: GS02	**Rover: GS03**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 89
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	1.2730 m	1.2980 m
Initial coordinates:		
Latitude:	45° 26' 12.13946" N	45° 25' 39.42456" N
Longitude:	11° 01' 38.53410" E	11° 02' 49.19845" E
Ellip. Hgt:	101.7861 m	94.5523 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS02	Rover:GS03
Coordinates:		
Latitude:	45° 26' 12.13946" N	45° 25' 39.42446" N
Longitude:	11° 01' 38.53410" E	11° 02' 49.19848" E
Ellip. Hgt:	101.7861 m	94.5599 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Results - Baseline
GS03 - GS04

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:04:47

Point Information

	Reference: GS03	**Rover: GS04**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.2980 m	1.5640 m
Initial coordinates:		
Latitude:	45° 25' 39.42456" N	45° 25' 35.60515" N
Longitude:	11° 02' 49.19845" E	11° 02' 57.54109" E
Ellip. Hgt:	94.5523 m	95.8599 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS03	Rover:GS04
Coordinates:		
Latitude:	45° 25' 39.42456" N	45° 25' 35.60531" N
Longitude:	11° 02' 49.19845" E	11° 02' 57.54122" E
Ellip. Hgt:	94.5523 m	95.8777 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS04 - GS05

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:05:21

Point Information

	Reference: GS04	**Rover: GS05**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.5640 m	1.6440 m
Initial coordinates:		
Latitude:	45° 25' 35.60519" N	45° 25' 24.52639" N
Longitude:	11° 02' 57.54112" E	11° 03' 43.77292" E
Ellip. Hgt:	95.8635 m	97.7477 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS04	Rover:GS05
Coordinates:		
Latitude:	45° 25' 35.60519" N	45° 25' 24.52629" N
Longitude:	11° 02' 57.54112" E	11° 03' 43.77285" E
Ellip. Hgt:	95.8635 m	97.7370 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS05 - GS06

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:01:30

Point Information

	Reference: GS05	**Rover: GS06**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.4990 m	1.5840 m
Initial coordinates:		
Latitude:	45° 25' 24.52639" N	45° 25' 22.85581" N
Longitude:	11° 03' 43.77292" E	11° 03' 57.51465" E
Ellip. Hgt:	97.7477 m	97.4000 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS05	Rover:GS06
Coordinates:		
Latitude:	45° 25' 24.52639" N	45° 25' 22.85579" N
Longitude:	11° 03' 43.77292" E	11° 03' 57.51474" E
Ellip. Hgt:	97.7477 m	97.4015 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS06 - GS07

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:56:56

Point Information

	Reference: GS06	**Rover: GS07**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.5840 m	1.3920 m
Initial coordinates:		
Latitude:	45° 25' 22.85581" N	45° 25' 12.91433" N
Longitude:	11° 03' 57.51465" E	11° 04' 29.72228" E
Ellip. Hgt:	97.4000 m	93.6959 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS06	Rover:GS07
Coordinates:		
Latitude:	45° 25' 22.85581" N	45° 25' 12.91425" N
Longitude:	11° 03' 57.51465" E	11° 04' 29.72229" E
Ellip. Hgt:	97.4000 m	93.6940 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS07 - GS08

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:58:24

Point Information

	Reference: GS07	**Rover: GS08**
Receiver type / S/N:	GS15 / 1510292	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.3920 m	1.0820 m
Initial coordinates:		
Latitude:	45° 25' 12.91431" N	45° 25' 11.15245" N
Longitude:	11° 04' 29.72228" E	11° 04' 39.83630" E
Ellip. Hgt:	93.6953 m	94.0371 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS07	Rover:GS08
Coordinates:		
Latitude:	45° 25' 12.91431" N	45° 25' 11.15260" N
Longitude:	11° 04' 29.72228" E	11° 04' 39.83639" E
Ellip. Hgt:	93.6953 m	94.0240 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS07 - RL05

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:58:22

Point Information

	Reference: GS07	**Rover: RL05**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.3920 m	1.6480 m
Initial coordinates:		
Latitude:	45° 25' 12.91431" N	45° 25' 07.67715" N
Longitude:	11° 04' 29.72228" E	11° 04' 36.78203" E
Ellip. Hgt:	93.6953 m	94.3755 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS07	Rover:RL05
Coordinates:		
Latitude:	45° 25' 12.91431" N	45° 25' 07.67725" N
Longitude:	11° 04' 29.72228" E	11° 04' 36.78214" E
Ellip. Hgt:	93.6953 m	94.3826 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS08 - RL05

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:43:39

Point Information

	Reference: GS08	**Rover: RL05**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 89
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	1.0820 m	1.6480 m
Initial coordinates:		
Latitude:	45° 25' 11.15245" N	45° 25' 07.67712" N
Longitude:	11° 04' 39.83630" E	11° 04' 36.78200" E
Ellip. Hgt:	94.0371 m	94.3713 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS08	Rover:RL05
Coordinates:		
Latitude:	45° 25' 11.15245" N	45° 25' 07.67724" N
Longitude:	11° 04' 39.83630" E	11° 04' 36.78209" E
Ellip. Hgt:	94.0371 m	94.3861 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS09 - GS10

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:43:55

Point Information

	Reference: GS09	**Rover: GS10**
Receiver type / S/N:	Unknown / -	TOPCON / 89
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.2440 m	1.4950 m
Initial coordinates:		
Latitude:	45° 24' 22.10896" N	45° 24' 34.91469" N
Longitude:	11° 05' 28.78269" E	11° 05' 39.16292" E
Ellip. Hgt:	90.8814 m	89.9414 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS09	Rover:GS10
Coordinates:		
Latitude:	45° 24' 22.10896" N	45° 24' 34.91493" N
Longitude:	11° 05' 28.78269" E	11° 05' 39.16296" E
Ellip. Hgt:	90.8814 m	89.9571 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0002 m	

Results - Baseline
GS09 - RL05

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:37:03

Point Information

	Reference: GS09	**Rover: RL05**
Receiver type / S/N:	TOPCON / 89	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.6410 m	1.2650 m
Initial coordinates:		
Latitude:	45° 24' 22.10896" N	45° 25' 07.67708" N
Longitude:	11° 05' 28.78269" E	11° 04' 36.78197" E
Ellip. Hgt:	90.8814 m	94.3673 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS09	Rover:RL05
Coordinates:		
Latitude:	45° 24' 22.10896" N	45° 25' 07.67721" N
Longitude:	11° 05' 28.78269" E	11° 04' 36.78206" E
Ellip. Hgt:	90.8814 m	94.3809 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS10 - GS11

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:44:35

Point Information

	Reference: GS10	**Rover: GS11**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.4950 m	0.7250 m
Initial coordinates:		
Latitude:	45° 24' 34.91475" N	45° 24' 12.33761" N
Longitude:	11° 05' 39.16293" E	11° 06' 10.98141" E
Ellip. Hgt:	89.9458 m	88.2017 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS10	Rover:GS11
Coordinates:		
Latitude:	45° 24' 34.91475" N	45° 24' 12.23693" N
Longitude:	11° 05' 39.16293" E	11° 06' 10.97022" E
Ellip. Hgt:	89.9458 m	88.2453 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS10 - GS12

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:55:26

Point Information

	Reference: GS10	**Rover: GS12**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3580 m	1.2390 m
Initial coordinates:		
Latitude:	45° 24' 34.91475" N	45° 24' 16.95051" N
Longitude:	11° 05' 39.16293" E	11° 06' 19.78921" E
Ellip. Hgt:	89.9458 m	87.7230 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS10	Rover:GS12
Coordinates:		
Latitude:	45° 24' 34.91475" N	45° 24' 16.95056" N
Longitude:	11° 05' 39.16293" E	11° 06' 19.78923" E
Ellip. Hgt:	89.9458 m	87.7189 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	Missing orbits for satellite R01.

Results - Baseline
GS12 - GS11

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:50:29

Point Information

	Reference: GS12	**Rover: GS11**
Receiver type / S/N:	GS15 / 1513025	GS15 / 1510280
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	1.3130 m	0.7250 m
Initial coordinates:		
Latitude:	45° 24' 16.95051" N	45° 24' 12.23696" N
Longitude:	11° 06' 19.78921" E	11° 06' 10.97019" E
Ellip. Hgt:	87.7230 m	88.2446 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS12	Rover:GS11
Coordinates:		
Latitude:	45° 24' 16.95051" N	45° 24' 12.23691" N
Longitude:	11° 06' 19.78921" E	11° 06' 10.97019" E
Ellip. Hgt:	87.7230 m	88.2364 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0000 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0000 m	

Results - Baseline
GS12 - RL10

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:50:31

Point Information

	Reference: GS12	**Rover: RL10**
Receiver type / S/N:	GS15 / 1513025	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	1.3130 m	1.3960 m
Initial coordinates:		
Latitude:	45° 24' 16.95051" N	45° 24' 11.71930" N
Longitude:	11° 06' 19.78921" E	11° 07' 32.20102" E
Ellip. Hgt:	87.7230 m	80.5626 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS12	Rover:RL10
Coordinates:		
Latitude:	45° 24' 16.95051" N	45° 24' 11.77101" N
Longitude:	11° 06' 19.78921" E	11° 07' 32.02216" E
Ellip. Hgt:	87.7230 m	76.6623 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS13 - GS11

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:01:32

Point Information

	Reference: GS13	**Rover: GS11**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.6740 m	0.6530 m
Initial coordinates:		
Latitude:	45° 23' 54.28157" N	45° 24' 12.23692" N
Longitude:	11° 06' 59.58629" E	11° 06' 10.97021" E
Ellip. Hgt:	75.9407 m	88.2401 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS13	Rover:GS11
Coordinates:		
Latitude:	45° 23' 54.28157" N	45° 24' 12.23684" N
Longitude:	11° 06' 59.58629" E	11° 06' 10.97039" E
Ellip. Hgt:	75.9407 m	88.2323 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS13 - GS12

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:01:30

Point Information

	Reference: GS13	**Rover: GS12**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.6740 m	1.4370 m
Initial coordinates:		
Latitude:	45° 23' 54.28157" N	45° 24' 16.95051" N
Longitude:	11° 06' 59.58629" E	11° 06' 19.78921" E
Ellip. Hgt:	75.9407 m	87.7230 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS13	Rover:GS12
Coordinates:		
Latitude:	45° 23' 54.28157" N	45° 24' 16.95046" N
Longitude:	11° 06' 59.58629" E	11° 06' 19.78928" E
Ellip. Hgt:	75.9407 m	87.7315 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS14 - GS13

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:05:32

Point Information

	Reference: GS14	**Rover: GS13**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 89
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	1.1650 m	1.6740 m
Initial coordinates:		
Latitude:	45° 23' 56.49393" N	45° 23' 54.28157" N
Longitude:	11° 07' 30.41630" E	11° 06' 59.58629" E
Ellip. Hgt:	75.2905 m	75.9407 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS14	Rover:GS13
Coordinates:		
Latitude:	45° 23' 56.49393" N	45° 23' 54.28149" N
Longitude:	11° 07' 30.41630" E	11° 06' 59.58636" E
Ellip. Hgt:	75.2905 m	75.9518 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Results - Baseline
GS14 - GS15

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:10:53

Point Information

	Reference: GS14	**Rover: GS15**
Receiver type / S/N:	GS15 / 1510280	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	1.1010 m	1.3100 m
Initial coordinates:		
Latitude:	45° 23' 56.49393" N	45° 23' 50.74156" N
Longitude:	11° 07' 30.41630" E	11° 09' 23.11253" E
Ellip. Hgt:	75.2905 m	73.6491 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS14	Rover:GS15
Coordinates:		
Latitude:	45° 23' 56.49393" N	45° 23' 50.74156" N
Longitude:	11° 07' 30.41630" E	11° 09' 23.11244" E
Ellip. Hgt:	75.2905 m	73.6146 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0003 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0006 m
	Posn. Qlty: 0.0004 m	Sd. Slope: 0.0002 m	

Results - Baseline
GS14 - RL10

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:05:34

Point Information

	Reference: GS14	**Rover: RL10**
Receiver type / S/N:	GS14 / 2871642	Unknown / -
Antenna type / S/N:	GS14 Pole / -	GS16 Pole / -
Antenna height:	1.1650 m	1.5080 m
Initial coordinates:		
Latitude:	45° 23' 56.49393" N	45° 24' 11.77103" N
Longitude:	11° 07' 30.41630" E	11° 07' 32.02217" E
Ellip. Hgt:	75.2905 m	76.6624 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS14	Rover:RL10
Coordinates:		
Latitude:	45° 23' 56.49393" N	45° 24' 11.77103" N
Longitude:	11° 07' 30.41630" E	11° 07' 32.02217" E
Ellip. Hgt:	75.2905 m	76.6521 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS14 - RL14

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:10:55

Point Information

	Reference: GS14	**Rover: RL14**
Receiver type / S/N:	GS15 / 1510280	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.1010 m	1.0550 m
Initial coordinates:		
Latitude:	45° 23' 56.49393" N	45° 23' 40.56626" N
Longitude:	11° 07' 30.41630" E	11° 09' 26.08237" E
Ellip. Hgt:	75.2905 m	72.5415 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS14	Rover:RL14
Coordinates:		
Latitude:	45° 23' 56.49393" N	45° 23' 40.50322" N
Longitude:	11° 07' 30.41630" E	11° 09' 26.04643" E
Ellip. Hgt:	75.2905 m	73.3423 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS15 - GS16

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:26:10

Point Information

	Reference: GS15	**Rover: GS16**
Receiver type / S/N:	Unknown / -	GS15 / 1513025
Antenna type / S/N:	GS16 Pole / -	GS15 Pole / -
Antenna height:	1.3100 m	1.3690 m
Initial coordinates:		
Latitude:	45° 23' 50.74154" N	45° 23' 39.04950" N
Longitude:	11° 09' 23.11261" E	11° 09' 50.41020" E
Ellip. Hgt:	73.6495 m	73.0437 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS15	Rover:GS16
Coordinates:		
Latitude:	45° 23' 50.74154" N	45° 23' 39.04963" N
Longitude:	11° 09' 23.11261" E	11° 09' 50.41010" E
Ellip. Hgt:	73.6495 m	73.0454 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS15 - GS18

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:20:17

Point Information

	Reference: GS15	**Rover: GS18**
Receiver type / S/N:	Unknown / -	GS15 / 1510280
Antenna type / S/N:	GS16 Pole / -	GS15 Pole / -
Antenna height:	1.3100 m	1.3170 m
Initial coordinates:		
Latitude:	45° 23' 50.74154" N	45° 23' 57.38588" N
Longitude:	11° 09' 23.11261" E	11° 10' 16.83109" E
Ellip. Hgt:	73.6495 m	71.4200 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS15	Rover:GS18
Coordinates:		
Latitude:	45° 23' 50.74154" N	45° 23' 57.42998" N
Longitude:	11° 09' 23.11261" E	11° 10' 16.82759" E
Ellip. Hgt:	73.6495 m	71.4515 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS17 - RL17

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:39:11

Point Information

	Reference: GS17	**Rover: RL17**
Receiver type / S/N:	Unknown / -	TOPCON / 89
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.3650 m	1.4620 m
Initial coordinates:		
Latitude:	45° 23' 48.76341" N	45° 23' 39.72764" N
Longitude:	11° 10' 34.97206" E	11° 10' 55.91644" E
Ellip. Hgt:	71.1682 m	69.3048 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS17	Rover:RL17
Coordinates:		
Latitude:	45° 23' 48.76341" N	45° 23' 39.69718" N
Longitude:	11° 10' 34.97206" E	11° 10' 55.86741" E
Ellip. Hgt:	71.1682 m	71.1863 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS18 - GS16

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:20:58

Point Information

	Reference: GS18	**Rover: GS16**
Receiver type / S/N:	GS15 / 1510280	GS15 / 1513025
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	1.3170 m	1.3690 m
Initial coordinates:		
Latitude:	45° 23' 57.42998" N	45° 23' 39.04957" N
Longitude:	11° 10' 16.82759" E	11° 09' 50.41004" E
Ellip. Hgt:	71.4515 m	73.0096 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS18	Rover:GS16
Coordinates:		
Latitude:	45° 23' 57.42998" N	45° 23' 39.04953" N
Longitude:	11° 10' 16.82759" E	11° 09' 50.41021" E
Ellip. Hgt:	71.4515 m	73.0463 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0000 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS18 - GS17

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:26:51

Point Information

	Reference: GS18	**Rover: GS17**
Receiver type / S/N:	GS15 / 1510280	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.3170 m	1.4370 m
Initial coordinates:		
Latitude:	45° 23' 57.42998" N	45° 23' 48.79142" N
Longitude:	11° 10' 16.82759" E	11° 10' 35.04622" E
Ellip. Hgt:	71.4515 m	68.8345 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS18	Rover:GS17
Coordinates:		
Latitude:	45° 23' 57.42998" N	45° 23' 48.76340" N
Longitude:	11° 10' 16.82759" E	11° 10' 34.97208" E
Ellip. Hgt:	71.4515 m	71.1761 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS19 - GS20

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:50:45

Point Information

	Reference: GS19	**Rover: GS20**
Receiver type / S/N:	GS15 / 1510280	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	1.2780 m	1.2440 m
Initial coordinates:		
Latitude:	45° 23' 48.18241" N	45° 23' 38.05013" N
Longitude:	11° 11' 44.05865" E	11° 11' 38.42468" E
Ellip. Hgt:	70.0938 m	68.6229 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS19	Rover:GS20
Coordinates:		
Latitude:	45° 23' 48.18241" N	45° 23' 38.05008" N
Longitude:	11° 11' 44.05865" E	11° 11' 38.42473" E
Ellip. Hgt:	70.0938 m	68.6241 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS19 - RL17

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:50:42

Point Information

	Reference: GS19	**Rover: RL17**
Receiver type / S/N:	GS15 / 1510280	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.2780 m	1.4620 m
Initial coordinates:		
Latitude:	45° 23' 48.18241" N	45° 23' 39.69713" N
Longitude:	11° 11' 44.05865" E	11° 10' 55.86746" E
Ellip. Hgt:	70.0938 m	71.1812 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS19	Rover:RL17
Coordinates:		
Latitude:	45° 23' 48.18241" N	45° 23' 39.69706" N
Longitude:	11° 11' 44.05865" E	11° 10' 55.86743" E
Ellip. Hgt:	70.0938 m	71.1878 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS19 - RL18

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:50:43

Point Information

	Reference: GS19	**Rover: RL18**
Receiver type / S/N:	GS15 / 1510280	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.2780 m	1.3850 m
Initial coordinates:		
Latitude:	45° 23' 48.18241" N	45° 23' 34.41812" N
Longitude:	11° 11' 44.05865" E	11° 11' 52.54160" E
Ellip. Hgt:	70.0938 m	69.8009 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS19	Rover:RL18
Coordinates:		
Latitude:	45° 23' 48.18241" N	45° 23' 34.41817" N
Longitude:	11° 11' 44.05865" E	11° 11' 52.54156" E
Ellip. Hgt:	70.0938 m	69.8037 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS20 - RL18

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:44:06

Point Information

	Reference: GS20	**Rover: RL18**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.2440 m	1.3850 m
Initial coordinates:		
Latitude:	45° 23' 38.05013" N	45° 23' 34.42337" N
Longitude:	11° 11' 38.42468" E	11° 11' 52.59493" E
Ellip. Hgt:	68.6229 m	62.9347 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS20	Rover:RL18
Coordinates:		
Latitude:	45° 23' 38.05013" N	45° 23' 34.41812" N
Longitude:	11° 11' 38.42468" E	11° 11' 52.54160" E
Ellip. Hgt:	68.6229 m	69.8009 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS22 - GS21

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:06:21

Point Information

	Reference: GS22	**Rover: GS21**
Receiver type / S/N:	GS15 / 1510280	TOPCON / 89
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.8460 m	1.3130 m
Initial coordinates:		
Latitude:	45° 23' 40.10492" N	45° 23' 30.85175" N
Longitude:	11° 12' 50.06339" E	11° 12' 59.32720" E
Ellip. Hgt:	70.4716 m	70.3042 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS22	Rover:GS21
Coordinates:		
Latitude:	45° 23' 40.10492" N	45° 23' 30.85171" N
Longitude:	11° 12' 50.06339" E	11° 12' 59.32721" E
Ellip. Hgt:	70.4716 m	70.3091 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
GS22 - GS23

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:02:09

Point Information

	Reference: GS22	**Rover: GS23**
Receiver type / S/N:	GS15 / 1510280	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.8460 m	1.2520 m
Initial coordinates:		
Latitude:	45° 23' 40.10492" N	45° 23' 26.16383" N
Longitude:	11° 12' 50.06339" E	11° 13' 51.58950" E
Ellip. Hgt:	70.4716 m	70.3448 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS22	Rover:GS23
Coordinates:		
Latitude:	45° 23' 40.10492" N	45° 23' 26.09056" N
Longitude:	11° 12' 50.06339" E	11° 13' 51.57880" E
Ellip. Hgt:	70.4716 m	68.6864 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS23 - GS24

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:11:25

Point Information

	Reference: GS23	**Rover: GS24**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.3420 m	1.3770 m
Initial coordinates:		
Latitude:	45° 23' 26.09052" N	45° 23' 23.02581" N
Longitude:	11° 13' 51.57884" E	11° 14' 02.44435" E
Ellip. Hgt:	68.6980 m	68.0922 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS23	Rover:GS24
Coordinates:		
Latitude:	45° 23' 26.09052" N	45° 23' 23.02594" N
Longitude:	11° 13' 51.57884" E	11° 14' 02.44432" E
Ellip. Hgt:	68.6980 m	68.0721 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS23 - GS25

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:07:28

Point Information

	Reference: GS23	**Rover: GS25**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.2520 m	0.9880 m
Initial coordinates:		
Latitude:	45° 23' 26.09052" N	45° 23' 27.54965" N
Longitude:	11° 13' 51.57884" E	11° 14' 04.02624" E
Ellip. Hgt:	68.6980 m	60.6439 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS23	Rover:GS25
Coordinates:		
Latitude:	45° 23' 26.09052" N	45° 23' 27.53580" N
Longitude:	11° 13' 51.57884" E	11° 14' 03.96162" E
Ellip. Hgt:	68.6980 m	67.2897 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0000 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0000 m	

Results - Baseline
GS24 - GS25

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:17:25

Point Information

	Reference: GS24	**Rover: GS25**
Receiver type / S/N:	GS14 / 2871642	GS15 / 1510280
Antenna type / S/N:	GS14 Pole / -	GS15 Pole / -
Antenna height:	1.3770 m	1.1570 m
Initial coordinates:		
Latitude:	45° 23' 23.02590" N	45° 23' 27.53579" N
Longitude:	11° 14' 02.44435" E	11° 14' 03.96157" E
Ellip. Hgt:	68.0715 m	67.2846 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS24	Rover:GS25
Coordinates:		
Latitude:	45° 23' 23.02590" N	45° 23' 27.53582" N
Longitude:	11° 14' 02.44435" E	11° 14' 03.96147" E
Ellip. Hgt:	68.0715 m	67.3008 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS25 - GS26

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:12:46

Point Information

	Reference: GS25	**Rover: GS26**
Receiver type / S/N:	GS15 / 1510280	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.1570 m	1.1790 m
Initial coordinates:		
Latitude:	45° 23' 27.53579" N	45° 23' 22.92422" N
Longitude:	11° 14' 03.96157" E	11° 14' 39.64816" E
Ellip. Hgt:	67.2846 m	68.6812 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS25	Rover:GS26
Coordinates:		
Latitude:	45° 23' 27.53579" N	45° 23' 22.91161" N
Longitude:	11° 14' 03.96157" E	11° 14' 39.66946" E
Ellip. Hgt:	67.2846 m	67.9038 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS28 - GS26

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:44:31

Point Information

	Reference: GS28	**Rover: GS26**
Receiver type / S/N:	Unknown / -	GS15 / 1510280
Antenna type / S/N:	GS16 Pole / -	GS15 Pole / -
Antenna height:	1.2850 m	0.9580 m
Initial coordinates:		
Latitude:	45° 23' 22.07960" N	45° 23' 22.91155" N
Longitude:	11° 15' 51.88445" E	11° 14' 39.66932" E
Ellip. Hgt:	68.4756 m	67.9150 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS28	Rover:GS26
Coordinates:		
Latitude:	45° 23' 22.07960" N	45° 23' 22.91156" N
Longitude:	11° 15' 51.88445" E	11° 14' 39.66912" E
Ellip. Hgt:	68.4756 m	67.9564 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
GS28 - GS29

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:44:30

Point Information

	Reference: GS28	**Rover: GS29**
Receiver type / S/N:	Unknown / -	TOPCON / 8
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.2850 m	1.1140 m
Initial coordinates:		
Latitude:	45° 23' 22.07960" N	45° 23' 05.65471" N
Longitude:	11° 15' 51.88445" E	11° 16' 54.73328" E
Ellip. Hgt:	68.4756 m	71.8685 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS28	Rover:GS29
Coordinates:		
Latitude:	45° 23' 22.07960" N	45° 23' 05.65299" N
Longitude:	11° 15' 51.88445" E	11° 16' 54.66811" E
Ellip. Hgt:	68.4756 m	72.6677 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
GS29 - GS27

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:52:32

Point Information

	Reference: GS29	**Rover: GS27**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.1140 m	1.4870 m
Initial coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 08.63240" N
Longitude:	11° 16' 54.66817" E	11° 15' 47.86150" E
Ellip. Hgt:	72.6402 m	67.9973 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS29	Rover:GS27
Coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 08.63251" N
Longitude:	11° 16' 54.66817" E	11° 15' 47.86151" E
Ellip. Hgt:	72.6402 m	67.9802 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
GS29 - GS27

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:52:32

Point Information

	Reference: GS29	**Rover: GS27**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.1140 m	1.4870 m
Initial coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 08.63240" N
Longitude:	11° 16' 54.66817" E	11° 15' 47.86150" E
Ellip. Hgt:	72.6402 m	67.9973 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS29	Rover:GS27
Coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 08.63251" N
Longitude:	11° 16' 54.66817" E	11° 15' 47.86151" E
Ellip. Hgt:	72.6402 m	67.9802 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
GS29 - GS30

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:51:38

Point Information

	Reference: GS29	**Rover: GS30**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.1140 m	1.0400 m
Initial coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 20.53192" N
Longitude:	11° 16' 54.66817" E	11° 16' 50.19678" E
Ellip. Hgt:	72.6402 m	73.0190 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS29	Rover:GS30
Coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 20.53186" N
Longitude:	11° 16' 54.66817" E	11° 16' 50.19681" E
Ellip. Hgt:	72.6402 m	72.9966 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
GS29 - GS31

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:00:10

Point Information

	Reference: GS29	**Rover: GS31**
Receiver type / S/N:	GS15 / 1510292	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	1.1560 m	1.3250 m
Initial coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 24.54658" N
Longitude:	11° 16' 54.66817" E	11° 17' 49.18288" E
Ellip. Hgt:	72.6402 m	69.5093 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS29	Rover:GS31
Coordinates:		
Latitude:	45° 23' 05.65302" N	45° 23' 24.55639" N
Longitude:	11° 16' 54.66817" E	11° 17' 49.15983" E
Ellip. Hgt:	72.6402 m	73.0937 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS30 - GS28

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:53:48

Point Information

	Reference: GS30	**Rover: GS28**
Receiver type / S/N:	GS14 / 2871642	Unknown / -
Antenna type / S/N:	GS14 Pole / -	GS16 Pole / -
Antenna height:	1.0400 m	1.2850 m
Initial coordinates:		
Latitude:	45° 23' 20.53189" N	45° 23' 22.07960" N
Longitude:	11° 16' 50.19680" E	11° 15' 51.88445" E
Ellip. Hgt:	73.0065 m	68.4756 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS30	Rover:GS28
Coordinates:		
Latitude:	45° 23' 20.53189" N	45° 23' 22.07968" N
Longitude:	11° 16' 50.19680" E	11° 15' 51.88447" E
Ellip. Hgt:	73.0065 m	68.4558 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS30 - GS31

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:00:43

Point Information

	Reference: GS30	**Rover: GS31**
Receiver type / S/N:	GS14 / 2871642	Unknown / -
Antenna type / S/N:	GS14 Pole / -	GS16 Pole / -
Antenna height:	1.1200 m	1.3250 m
Initial coordinates:		
Latitude:	45° 23' 20.53189" N	45° 23' 24.55639" N
Longitude:	11° 16' 50.19680" E	11° 17' 49.15983" E
Ellip. Hgt:	73.0065 m	73.0937 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS30	Rover:GS31
Coordinates:		
Latitude:	45° 23' 20.53189" N	45° 23' 24.55639" N
Longitude:	11° 16' 50.19680" E	11° 17' 49.15994" E
Ellip. Hgt:	73.0065 m	73.0475 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS31 - GS32

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:01:53

Point Information

	Reference: GS31	**Rover: GS32**
Receiver type / S/N:	Unknown / -	TOPCON / 8
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.3250 m	1.4090 m
Initial coordinates:		
Latitude:	45° 23' 24.55639" N	45° 23' 21.45732" N
Longitude:	11° 17' 49.15988" E	11° 18' 02.19362" E
Ellip. Hgt:	73.0731 m	73.8845 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS31	Rover:GS32
Coordinates:		
Latitude:	45° 23' 24.55639" N	45° 23' 21.41641" N
Longitude:	11° 17' 49.15988" E	11° 18' 02.13858" E
Ellip. Hgt:	73.0731 m	73.5957 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS32 - GS33

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:07:52

Point Information

	Reference: GS32	**Rover: GS33**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.4090 m	1.1880 m
Initial coordinates:		
Latitude:	45° 23' 21.41635" N	45° 23' 33.65707" N
Longitude:	11° 18' 02.13870" E	11° 18' 18.98959" E
Ellip. Hgt:	73.5650 m	71.1486 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS32	Rover:GS33
Coordinates:		
Latitude:	45° 23' 21.41635" N	45° 23' 33.59033" N
Longitude:	11° 18' 02.13870" E	11° 18' 18.96298" E
Ellip. Hgt:	73.5650 m	74.6797 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS33 - GS34

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:08:25

Point Information

	Reference: GS33	**Rover: GS34**
Receiver type / S/N:	GS15 / 1510292	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.1880 m	1.3320 m
Initial coordinates:		
Latitude:	45° 23' 33.59033" N	45° 23' 29.84928" N
Longitude:	11° 18' 18.96298" E	11° 18' 29.88162" E
Ellip. Hgt:	74.6797 m	69.8277 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS33	Rover:GS34
Coordinates:		
Latitude:	45° 23' 33.59033" N	45° 23' 29.86107" N
Longitude:	11° 18' 18.96298" E	11° 18' 29.81882" E
Ellip. Hgt:	74.6797 m	73.7821 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS34 - GS36

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:16:31

Point Information

	Reference: GS34	**Rover: GS36**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.2250 m	1.6080 m
Initial coordinates:		
Latitude:	45° 23' 29.86098" N	45° 23' 56.52380" N
Longitude:	11° 18' 29.81884" E	11° 19' 07.48727" E
Ellip. Hgt:	73.7924 m	74.0062 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS34	Rover:GS36
Coordinates:		
Latitude:	45° 23' 29.86098" N	45° 23' 56.52370" N
Longitude:	11° 18' 29.81884" E	11° 19' 07.48717" E
Ellip. Hgt:	73.7924 m	74.0469 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS35 - GS37

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:18:33

Point Information

	Reference: GS35	**Rover: GS37**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.2690 m	1.5300 m
Initial coordinates:		
Latitude:	45° 23' 56.82343" N	45° 24' 17.30964" N
Longitude:	11° 19' 21.05178" E	11° 20' 08.16628" E
Ellip. Hgt:	73.7433 m	72.5968 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS35	Rover:GS37
Coordinates:		
Latitude:	45° 23' 56.82343" N	45° 24' 17.28992" N
Longitude:	11° 19' 21.05178" E	11° 20' 08.14887" E
Ellip. Hgt:	73.7433 m	74.6361 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS36 - GS35

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:17:49

Point Information

	Reference: GS36	**Rover: GS35**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.6080 m	1.2690 m
Initial coordinates:		
Latitude:	45° 23' 56.52374" N	45° 23' 56.82343" N
Longitude:	11° 19' 07.48722" E	11° 19' 21.05177" E
Ellip. Hgt:	74.0299 m	73.7390 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS36	Rover:GS35
Coordinates:		
Latitude:	45° 23' 56.52374" N	45° 23' 56.82343" N
Longitude:	11° 19' 07.48722" E	11° 19' 21.05181" E
Ellip. Hgt:	74.0299 m	73.7498 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS37 - GS38

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:22:27

Point Information

	Reference: GS37	**Rover: GS38**
Receiver type / S/N:	GS14 / 2871642	GS15 / 1510292
Antenna type / S/N:	GS14 Pole / -	GS15 Pole / -
Antenna height:	1.5300 m	1.2900 m
Initial coordinates:		
Latitude:	45° 24' 17.28996" N	45° 24' 30.23263" N
Longitude:	11° 20' 08.14887" E	11° 20' 08.43060" E
Ellip. Hgt:	74.6530 m	75.0614 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS37	Rover:GS38
Coordinates:		
Latitude:	45° 24' 17.28996" N	45° 24' 30.25269" N
Longitude:	11° 20' 08.14887" E	11° 20' 08.39843" E
Ellip. Hgt:	74.6530 m	77.7819 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS38 - GS39

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:39:28

Point Information

	Reference: GS38	**Rover: GS39**
Receiver type / S/N:	GS14 / 2871642	GS15 / 1513025
Antenna type / S/N:	GS14 Pole / -	GS15 Pole / -
Antenna height:	1.5070 m	1.1340 m
Initial coordinates:		
Latitude:	45° 24' 30.25269" N	45° 24' 36.09017" N
Longitude:	11° 20' 08.39837" E	11° 21' 37.55841" E
Ellip. Hgt:	77.7775 m	75.7588 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS38	Rover:GS39
Coordinates:		
Latitude:	45° 24' 30.25269" N	45° 24' 36.09011" N
Longitude:	11° 20' 08.39837" E	11° 21' 37.55858" E
Ellip. Hgt:	77.7775 m	75.7861 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS39 - GS40

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:40:36

Point Information

	Reference: GS39	**Rover: GS40**
Receiver type / S/N:	GS15 / 1513025	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.1340 m	1.3190 m
Initial coordinates:		
Latitude:	45° 24' 36.09013" N	45° 24' 28.24848" N
Longitude:	11° 21' 37.55848" E	11° 21' 54.03138" E
Ellip. Hgt:	75.7652 m	74.9601 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS39	Rover:GS40
Coordinates:		
Latitude:	45° 24' 36.09013" N	45° 24' 28.24845" N
Longitude:	11° 21' 37.55848" E	11° 21' 54.03141" E
Ellip. Hgt:	75.7652 m	74.9655 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	Missing orbits for satellite G11.

Results - Baseline
GS40 - GS42

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:47:21

Point Information

	Reference: GS40	**Rover: GS42**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.4990 m	1.1620 m
Initial coordinates:		
Latitude:	45° 24' 28.24846" N	45° 25' 47.38292" N
Longitude:	11° 21' 54.03138" E	11° 22' 16.74175" E
Ellip. Hgt:	74.9635 m	83.0067 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS40	Rover:GS42
Coordinates:		
Latitude:	45° 24' 28.24846" N	45° 25' 47.38287" N
Longitude:	11° 21' 54.03138" E	11° 22' 16.74194" E
Ellip. Hgt:	74.9635 m	83.0112 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
GS41 - GS42

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:00:59

Point Information

	Reference: GS41	**Rover: GS42**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1513025
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.7930 m	1.2420 m
Initial coordinates:		
Latitude:	45° 25' 54.92839" N	45° 25' 47.38292" N
Longitude:	11° 22' 09.65457" E	11° 22' 16.74177" E
Ellip. Hgt:	82.4074 m	83.0071 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS41	Rover:GS42
Coordinates:		
Latitude:	45° 25' 54.92839" N	45° 25' 47.38264" N
Longitude:	11° 22' 09.65457" E	11° 22' 16.74186" E
Ellip. Hgt:	82.4074 m	83.0099 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS41 - GS43

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:53:22

Point Information

	Reference: GS41	**Rover: GS43**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 89
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	0.8020 m	1.5740 m
Initial coordinates:		
Latitude:	45° 25' 54.92839" N	45° 26' 56.41479" N
Longitude:	11° 22' 09.65457" E	11° 23' 34.69708" E
Ellip. Hgt:	82.4074 m	93.5174 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS41	Rover:GS43
Coordinates:		
Latitude:	45° 25' 54.92839" N	45° 26' 56.37828" N
Longitude:	11° 22' 09.65457" E	11° 23' 34.67877" E
Ellip. Hgt:	82.4074 m	94.2517 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
GS43 - GS44

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:54:34

Point Information

	Reference: GS43	**Rover: GS44**
Receiver type / S/N:	TOPCON / 89	GS15 / 1513025
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.5740 m	1.3600 m
Initial coordinates:		
Latitude:	45° 26' 56.37828" N	45° 26' 50.72805" N
Longitude:	11° 23' 34.67877" E	11° 23' 53.33173" E
Ellip. Hgt:	94.2517 m	94.9922 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS43	Rover:GS44
Coordinates:		
Latitude:	45° 26' 56.37828" N	45° 26' 50.66774" N
Longitude:	11° 23' 34.67877" E	11° 23' 53.25830" E
Ellip. Hgt:	94.2517 m	100.6481 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
GS44 - GS45

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:09:16

Point Information

	Reference: GS44	**Rover: GS45**
Receiver type / S/N:	Unknown / -	GS15 / 1510292
Antenna type / S/N:	GS16 Pole / -	GS15 Pole / -
Antenna height:	1.5070 m	1.0620 m
Initial coordinates:		
Latitude:	45° 26' 50.66783" N	45° 27' 29.62836" N
Longitude:	11° 23' 53.25816" E	11° 25' 01.16188" E
Ellip. Hgt:	100.6453 m	93.1682 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS44	Rover:GS45
Coordinates:		
Latitude:	45° 26' 50.66783" N	45° 27' 29.62846" N
Longitude:	11° 23' 53.25816" E	11° 25' 01.16185" E
Ellip. Hgt:	100.6453 m	93.1699 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS45 - GS46

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:20:01

Point Information

	Reference: GS45	**Rover: GS46**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1513025
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	1.0620 m	1.3850 m
Initial coordinates:		
Latitude:	45° 27' 29.62850" N	45° 27' 21.59146" N
Longitude:	11° 25' 01.16186" E	11° 25' 15.02806" E
Ellip. Hgt:	93.1680 m	92.3798 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS45	Rover:GS46
Coordinates:		
Latitude:	45° 27' 29.62850" N	45° 27' 21.59145" N
Longitude:	11° 25' 01.16186" E	11° 25' 15.02803" E
Ellip. Hgt:	93.1680 m	92.3808 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0000 m	Sd. Lon: 0.0000 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0000 m	

Results - Baseline
GS46 - GS47

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:21:42

Point Information

	Reference: GS46	**Rover: GS47**
Receiver type / S/N:	GS15 / 1513025	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	1.3850 m	1.2690 m
Initial coordinates:		
Latitude:	45° 27' 21.59146" N	45° 28' 43.99047" N
Longitude:	11° 25' 15.02804" E	11° 25' 43.25627" E
Ellip. Hgt:	92.3805 m	89.3043 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS46	Rover:GS47
Coordinates:		
Latitude:	45° 27' 21.59146" N	45° 28' 43.87809" N
Longitude:	11° 25' 15.02804" E	11° 25' 43.18994" E
Ellip. Hgt:	92.3805 m	96.0146 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS47 - GS48

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:32:21

Point Information

	Reference: GS47	**Rover: GS48**
Receiver type / S/N:	Unknown / -	TOPCON / 8
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.3080 m	1.5490 m
Initial coordinates:		
Latitude:	45° 28' 43.87813" N	45° 28' 55.22792" N
Longitude:	11° 25' 43.18992" E	11° 25' 56.42069" E
Ellip. Hgt:	96.0247 m	96.0186 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS47	Rover:GS48
Coordinates:		
Latitude:	45° 28' 43.87813" N	45° 28' 55.22782" N
Longitude:	11° 25' 43.18992" E	11° 25' 56.42068" E
Ellip. Hgt:	96.0247 m	96.0366 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0003 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0006 m
	Posn. Qlty: 0.0004 m	Sd. Slope: 0.0003 m	

Processing Errors and Warnings

Error Orbit:	No valid ephemeris for satellite coordinate calculation G04 between 11/23/2020 07:59:42 and 11/23/2020 08:59:42.
Error Orbit:	Missing orbits for satellite G11.

Results - Baseline
GS48 - GS49

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:33:19

Point Information

	Reference: GS48	**Rover: GS49**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.5490 m	1.7300 m
Initial coordinates:		
Latitude:	45° 28' 55.22790" N	45° 30' 05.63944" N
Longitude:	11° 25' 56.42068" E	11° 26' 46.51995" E
Ellip. Hgt:	96.0242 m	101.0681 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS48	Rover:GS49
Coordinates:		
Latitude:	45° 28' 55.22790" N	45° 30' 05.59848" N
Longitude:	11° 25' 56.42068" E	11° 26' 46.51414" E
Ellip. Hgt:	96.0242 m	97.7544 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0003 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit:	No valid ephemeris for satellite coordinate calculation G04 between 11/23/2020 07:59:42 and 11/23/2020 08:59:42.
Error Orbit:	Missing orbits for satellite G11.

Results - Baseline
GS49 - GS50

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:21:01

Point Information

	Reference: GS49	**Rover: GS50**
Receiver type / S/N:	TOPCON / 8	TOPCON / 89
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.7300 m	1.3430 m
Initial coordinates:		
Latitude:	45° 30' 05.59855" N	45° 30' 11.50726" N
Longitude:	11° 26' 46.51436" E	11° 26' 51.78495" E
Ellip. Hgt:	97.7736 m	96.3613 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS49	Rover:GS50
Coordinates:		
Latitude:	45° 30' 05.59855" N	45° 30' 11.50746" N
Longitude:	11° 26' 46.51436" E	11° 26' 51.78514" E
Ellip. Hgt:	97.7736 m	96.3671 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
GS50 - GS51

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:55:25

Point Information

	Reference: GS50	**Rover: GS51**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.3430 m	1.4420 m
Initial coordinates:		
Latitude:	45° 30' 11.50742" N	45° 30' 42.86075" N
Longitude:	11° 26' 51.78512" E	11° 27' 20.26595" E
Ellip. Hgt:	96.3677 m	92.5336 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS50	Rover:GS51
Coordinates:		
Latitude:	45° 30' 11.50742" N	45° 30' 42.86055" N
Longitude:	11° 26' 51.78512" E	11° 27' 20.26573" E
Ellip. Hgt:	96.3677 m	92.5284 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
GS51 - GS52

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:10:22

Point Information

	Reference: GS51	**Rover: GS52**
Receiver type / S/N:	GS14 / 2871642	GS15 / 1513025
Antenna type / S/N:	GS14 Pole / -	GS15 Pole / -
Antenna height:	1.2320 m	1.3780 m
Initial coordinates:		
Latitude:	45° 30' 42.86055" N	45° 30' 33.60460" N
Longitude:	11° 27' 20.26584" E	11° 27' 23.43931" E
Ellip. Hgt:	92.5220 m	91.7699 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS51	Rover:GS52
Coordinates:		
Latitude:	45° 30' 42.86055" N	45° 30' 33.60450" N
Longitude:	11° 27' 20.26584" E	11° 27' 23.43916" E
Ellip. Hgt:	92.5220 m	91.7615 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS52 - GS53

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:11:56

Point Information

	Reference: GS52	**Rover: GS53**
Receiver type / S/N:	GS15 / 1513025	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	1.3780 m	1.0700 m
Initial coordinates:		
Latitude:	45° 30' 33.60453" N	45° 30' 49.09962" N
Longitude:	11° 27' 23.43920" E	11° 27' 43.71741" E
Ellip. Hgt:	91.7641 m	85.6209 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS52	Rover:GS53
Coordinates:		
Latitude:	45° 30' 33.60453" N	45° 30' 49.04945" N
Longitude:	11° 27' 23.43920" E	11° 27' 43.69068" E
Ellip. Hgt:	91.7641 m	89.3017 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
GS53 - GS54

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:19:58

Point Information

	Reference: GS53	**Rover: GS54**
Receiver type / S/N:	Unknown / -	TOPCON / 89
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.0700 m	1.4950 m
Initial coordinates:		
Latitude:	45° 30' 49.04944" N	45° 30' 51.15880" N
Longitude:	11° 27' 43.69064" E	11° 28' 00.84478" E
Ellip. Hgt:	89.2985 m	87.5022 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS53	Rover:GS54
Coordinates:		
Latitude:	45° 30' 49.04944" N	45° 30' 51.15888" N
Longitude:	11° 27' 43.69064" E	11° 28' 00.84462" E
Ellip. Hgt:	89.2985 m	87.4908 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
GS55 - GS54

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:32:08

Point Information

	Reference: GS55	**Rover: GS54**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 8
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	1.2500 m	1.4950 m
Initial coordinates:		
Latitude:	45° 31' 17.05733" N	45° 30' 51.15874" N
Longitude:	11° 29' 14.27447" E	11° 28' 00.84468" E
Ellip. Hgt:	80.2974 m	87.4891 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS55	Rover:GS54
Coordinates:		
Latitude:	45° 31' 17.05733" N	45° 30' 51.15862" N
Longitude:	11° 29' 14.27447" E	11° 28' 00.84457" E
Ellip. Hgt:	80.2974 m	87.4912 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	No valid ephemeris for satellite coordinate calculation G04 between 11/24/2020 07:59:42 and 11/24/2020 08:59:42.
Error Orbit:	Missing orbits for satellite G11.

Results - Baseline
GS56 - GS55

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:26:30

Point Information

	Reference: GS56	**Rover: GS55**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.2350 m	1.2500 m
Initial coordinates:		
Latitude:	45° 31' 19.19745" N	45° 31' 17.05732" N
Longitude:	11° 29' 25.75941" E	11° 29' 14.27447" E
Ellip. Hgt:	80.3009 m	80.2970 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:GS56	Rover:GS55
Coordinates:		
Latitude:	45° 31' 19.19745" N	45° 31' 17.05737" N
Longitude:	11° 29' 25.75941" E	11° 29' 14.27446" E
Ellip. Hgt:	80.3009 m	80.2985 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	No valid ephemeris for satellite coordinate calculation G04 between 11/24/2020 07:59:42 and 11/24/2020 08:59:42.

Results - Baseline
IC04 - GS29

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:49:25

Point Information

	Reference: IC04	**Rover: GS29**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.5480 m	1.1140 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 05.65299" N
Longitude:	11° 18' 24.31719" E	11° 16' 54.66811" E
Ellip. Hgt:	73.5623 m	72.6677 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS29
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 05.65304" N
Longitude:	11° 18' 24.31719" E	11° 16' 54.66820" E
Ellip. Hgt:	73.5623 m	72.6248 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC01 - GS01

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:07:25

Point Information

	Reference: IC01	**Rover: GS01**
Receiver type / S/N:	Unknown / -	TOPCON / 89
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.2570 m	1.6440 m
Initial coordinates:		
Latitude:	45° 27' 19.17483" N	45° 26' 10.89742" N
Longitude:	11° 02' 07.51671" E	11° 01' 26.69497" E
Ellip. Hgt:	112.1803 m	101.6200 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC01	Rover:GS01
Coordinates:		
Latitude:	45° 27' 19.17483" N	45° 26' 10.89746" N
Longitude:	11° 02' 07.51671" E	11° 01' 26.69507" E
Ellip. Hgt:	112.1803 m	101.6173 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0003 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0007 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Results - Baseline
IC01 - GS02

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:04:05

Point Information

	Reference: IC01	**Rover: GS02**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.2570 m	1.2730 m
Initial coordinates:		
Latitude:	45° 27' 19.17483" N	45° 26' 12.13946" N
Longitude:	11° 02' 07.51671" E	11° 01' 38.53407" E
Ellip. Hgt:	112.1803 m	101.7863 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC01	Rover:GS02
Coordinates:		
Latitude:	45° 27' 19.17483" N	45° 26' 12.13947" N
Longitude:	11° 02' 07.51671" E	11° 01' 38.53417" E
Ellip. Hgt:	112.1803 m	101.7856 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC01 - GS03

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:04:03

Point Information

	Reference: IC01	**Rover: GS03**
Receiver type / S/N:	Unknown / -	TOPCON / 8
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.2570 m	1.2980 m
Initial coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 39.42459" N
Longitude:	11° 02' 07.51671" E	11° 02' 49.19835" E
Ellip. Hgt:	112.1803 m	94.5496 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC01	Rover:GS03
Coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 39.42453" N
Longitude:	11° 02' 07.51671" E	11° 02' 49.19860" E
Ellip. Hgt:	112.1803 m	94.5564 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Results - Baseline
IC01 - GS04

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:07:26

Point Information

	Reference: IC01	**Rover: GS04**
Receiver type / S/N:	Unknown / -	TOPCON / 89
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.2570 m	1.5640 m
Initial coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 35.60519" N
Longitude:	11° 02' 07.51671" E	11° 02' 57.54112" E
Ellip. Hgt:	112.1803 m	95.8635 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC01	Rover:GS04
Coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 35.60527" N
Longitude:	11° 02' 07.51671" E	11° 02' 57.54137" E
Ellip. Hgt:	112.1803 m	95.8783 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC01 - GS05

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:00:41

Point Information

	Reference: IC01	**Rover: GS05**
Receiver type / S/N:	Unknown / -	GS15 / 1510292
Antenna type / S/N:	GS16 Pole / -	GS15 Pole / -
Antenna height:	1.1690 m	1.4990 m
Initial coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 24.52637" N
Longitude:	11° 02' 07.51671" E	11° 03' 43.77286" E
Ellip. Hgt:	112.1803 m	97.7441 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC01	Rover:GS05
Coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 24.52645" N
Longitude:	11° 02' 07.51671" E	11° 03' 43.77300" E
Ellip. Hgt:	112.1803 m	97.7536 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC01 - GS06

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:53:50

Point Information

	Reference: IC01	**Rover: GS06**
Receiver type / S/N:	Unknown / -	TOPCON / 8
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.1690 m	1.5840 m
Initial coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 22.85578" N
Longitude:	11° 02' 07.51671" E	11° 03' 57.51457" E
Ellip. Hgt:	112.1803 m	97.4019 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC01	Rover:GS06
Coordinates:		
Latitude:	45° 27' 19.17483" N	45° 25' 22.85582" N
Longitude:	11° 02' 07.51671" E	11° 03' 57.51477" E
Ellip. Hgt:	112.1803 m	97.4072 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC02 - GS01

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:06:25

Point Information

	Reference: IC02	**Rover: GS01**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 89
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.8180 m	1.6440 m
Initial coordinates:		
Latitude:	45° 25' 26.33800" N	45° 26' 10.86919" N
Longitude:	11° 01' 25.22018" E	11° 01' 26.70622" E
Ellip. Hgt:	97.0632 m	105.6526 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC02	Rover:GS01
Coordinates:		
Latitude:	45° 25' 26.33800" N	45° 26' 10.89742" N
Longitude:	11° 01' 25.22018" E	11° 01' 26.69497" E
Ellip. Hgt:	97.0632 m	101.6200 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0002 m	

Results - Baseline
IC02 - GS02

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/22/2020 00:02:43

Point Information

	Reference: IC02	**Rover: GS02**
Receiver type / S/N:	GS15 / 1510292	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	0.8180 m	1.2730 m
Initial coordinates:		
Latitude:	45° 25' 26.33800" N	45° 26' 12.15672" N
Longitude:	11° 01' 25.22018" E	11° 01' 38.56572" E
Ellip. Hgt:	97.0632 m	99.1458 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC02	Rover:GS02
Coordinates:		
Latitude:	45° 25' 26.33800" N	45° 26' 12.13946" N
Longitude:	11° 01' 25.22018" E	11° 01' 38.53407" E
Ellip. Hgt:	97.0632 m	101.7863 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC02 - GS03

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:59:51

Point Information

	Reference: IC02	**Rover: GS03**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.0300 m	1.3070 m
Initial coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 39.46337" N
Longitude:	11° 01' 25.22018" E	11° 02' 49.17904" E
Ellip. Hgt:	97.0632 m	95.9205 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC02	Rover:GS03
Coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 39.42459" N
Longitude:	11° 01' 25.22018" E	11° 02' 49.19835" E
Ellip. Hgt:	97.0632 m	94.5496 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC02 - GS04

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:59:53

Point Information

	Reference: IC02	**Rover: GS04**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.0300 m	1.4340 m
Initial coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 35.66940" N
Longitude:	11° 01' 25.22018" E	11° 02' 57.51841" E
Ellip. Hgt:	97.0632 m	93.7763 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC02	Rover:GS04
Coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 35.60515" N
Longitude:	11° 01' 25.22018" E	11° 02' 57.54109" E
Ellip. Hgt:	97.0632 m	95.8599 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC02 - GS05

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:59:55

Point Information

	Reference: IC02	**Rover: GS05**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.0300 m	1.4990 m
Initial coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 24.57809" N
Longitude:	11° 01' 25.22018" E	11° 03' 43.75908" E
Ellip. Hgt:	97.0632 m	95.4575 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC02	Rover:GS05
Coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 24.52637" N
Longitude:	11° 01' 25.22018" E	11° 03' 43.77286" E
Ellip. Hgt:	97.0632 m	97.7441 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC02 - GS06

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:56:05

Point Information

	Reference: IC02	**Rover: GS06**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.0300 m	1.5840 m
Initial coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 22.85579" N
Longitude:	11° 01' 25.22018" E	11° 03' 57.51462" E
Ellip. Hgt:	97.0632 m	97.4033 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC02	Rover:GS06
Coordinates:		
Latitude:	45° 25' 26.33800" N	45° 25' 22.85583" N
Longitude:	11° 01' 25.22018" E	11° 03' 57.51468" E
Ellip. Hgt:	97.0632 m	97.3960 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS14

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:09:52

Point Information

	Reference: IC03	**Rover: GS14**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.5270 m	1.1010 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 56.49393" N
Longitude:	11° 11' 27.31372" E	11° 07' 30.41630" E
Ellip. Hgt:	76.8226 m	75.2905 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS14
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 56.49390" N
Longitude:	11° 11' 27.31372" E	11° 07' 30.41624" E
Ellip. Hgt:	76.8226 m	75.2939 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS15

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:25:02

Point Information

	Reference: IC03	**Rover: GS15**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.5270 m	1.3100 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 50.74154" N
Longitude:	11° 11' 27.31372" E	11° 09' 23.11261" E
Ellip. Hgt:	76.8226 m	73.6495 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS15
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 50.74152" N
Longitude:	11° 11' 27.31372" E	11° 09' 23.11253" E
Ellip. Hgt:	76.8226 m	73.6186 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS16

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:37:41

Point Information

	Reference: IC03	**Rover: GS16**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.3640 m	1.2520 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 39.04952" N
Longitude:	11° 11' 27.31372" E	11° 09' 50.41018" E
Ellip. Hgt:	76.8226 m	73.0440 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS16
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 39.04951" N
Longitude:	11° 11' 27.31372" E	11° 09' 50.41007" E
Ellip. Hgt:	76.8226 m	73.0120 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS17

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:37:45

Point Information

	Reference: IC03	**Rover: GS17**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.3640 m	1.3650 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 48.76339" N
Longitude:	11° 11' 27.31372" E	11° 10' 34.97208" E
Ellip. Hgt:	76.8226 m	71.1753 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS17
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 48.76347" N
Longitude:	11° 11' 27.31372" E	11° 10' 34.97201" E
Ellip. Hgt:	76.8226 m	71.1440 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS18

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:37:43

Point Information

	Reference: IC03	**Rover: GS18**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3640 m	1.5020 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 57.42998" N
Longitude:	11° 11' 27.31372" E	11° 10' 16.82759" E
Ellip. Hgt:	76.8226 m	71.4515 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS18
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 57.43006" N
Longitude:	11° 11' 27.31372" E	11° 10' 16.82754" E
Ellip. Hgt:	76.8226 m	71.4215 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS19

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:42:22

Point Information

	Reference: IC03	**Rover: GS19**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3640 m	1.2780 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 48.12879" N
Longitude:	11° 11' 27.31372" E	11° 11' 44.09326" E
Ellip. Hgt:	76.8226 m	66.6890 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS19
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 48.18250" N
Longitude:	11° 11' 27.31372" E	11° 11' 44.05865" E
Ellip. Hgt:	76.8226 m	70.0656 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS20

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:49:18

Point Information

	Reference: IC03	**Rover: GS20**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.3640 m	1.2440 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 38.05013" N
Longitude:	11° 11' 27.31372" E	11° 11' 38.42468" E
Ellip. Hgt:	76.8226 m	68.6229 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS20
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 38.05015" N
Longitude:	11° 11' 27.31372" E	11° 11' 38.42463" E
Ellip. Hgt:	76.8226 m	68.5996 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS21

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:54:21

Point Information

	Reference: IC03	**Rover: GS21**
Receiver type / S/N:	TOPCON / 8	TOPCON / 89
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.3470 m	1.3130 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 30.87708" N
Longitude:	11° 11' 27.31372" E	11° 12' 59.37234" E
Ellip. Hgt:	76.8226 m	69.0436 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS21
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 30.85184" N
Longitude:	11° 11' 27.31372" E	11° 12' 59.32713" E
Ellip. Hgt:	76.8226 m	70.2915 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS23

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:10:26

Point Information

	Reference: IC03	**Rover: GS23**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.4090 m	1.3420 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 26.09052" N
Longitude:	11° 11' 27.31372" E	11° 13' 51.57884" E
Ellip. Hgt:	76.8226 m	68.6980 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS23
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 26.09044" N
Longitude:	11° 11' 27.31372" E	11° 13' 51.57883" E
Ellip. Hgt:	76.8226 m	68.6730 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS24

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:15:43

Point Information

	Reference: IC03	**Rover: GS24**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.4090 m	1.3770 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 23.02590" N
Longitude:	11° 11' 27.31372" E	11° 14' 02.44433" E
Ellip. Hgt:	76.8226 m	68.0782 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS24
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 23.02591" N
Longitude:	11° 11' 27.31372" E	11° 14' 02.44440" E
Ellip. Hgt:	76.8226 m	68.0494 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC03 - GS25

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:10:24

Point Information

	Reference: IC03	**Rover: GS25**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.4090 m	1.1570 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 27.53580" N
Longitude:	11° 11' 27.31372" E	11° 14' 03.96162" E
Ellip. Hgt:	76.8226 m	67.2897 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS25
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 27.53577" N
Longitude:	11° 11' 27.31372" E	11° 14' 03.96146" E
Ellip. Hgt:	76.8226 m	67.2757 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - GS26

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:24:50

Point Information

	Reference: IC03	**Rover: GS26**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3930 m	0.9580 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 22.91152" N
Longitude:	11° 11' 27.31372" E	11° 14' 39.66938" E
Ellip. Hgt:	76.8226 m	67.9208 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS26
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 22.91163" N
Longitude:	11° 11' 27.31372" E	11° 14' 39.66915" E
Ellip. Hgt:	76.8226 m	67.8994 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC03 - RL14

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:18:41

Point Information

	Reference: IC03	**Rover: RL14**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.5270 m	1.0550 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 40.50322" N
Longitude:	11° 11' 27.31372" E	11° 09' 26.04643" E
Ellip. Hgt:	76.8226 m	73.3423 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:RL14
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 40.50331" N
Longitude:	11° 11' 27.31372" E	11° 09' 26.04634" E
Ellip. Hgt:	76.8226 m	73.3526 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - RL17

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:42:21

Point Information

	Reference: IC03	**Rover: RL17**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.3640 m	1.4620 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 39.69712" N
Longitude:	11° 11' 27.31372" E	11° 10' 55.86745" E
Ellip. Hgt:	76.8226 m	71.1885 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:RL17
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 39.69718" N
Longitude:	11° 11' 27.31372" E	11° 10' 55.86747" E
Ellip. Hgt:	76.8226 m	71.1579 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - RL18

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:54:22

Point Information

	Reference: IC03	**Rover: RL18**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3470 m	1.4080 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 34.41809" N
Longitude:	11° 11' 27.31372" E	11° 11' 52.54161" E
Ellip. Hgt:	76.8226 m	69.8105 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:RL18
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 34.41825" N
Longitude:	11° 11' 27.31372" E	11° 11' 52.54156" E
Ellip. Hgt:	76.8226 m	69.7807 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - RL19

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:00:14

Point Information

	Reference: IC03	**Rover: RL19**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.3470 m	1.2690 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 26.65468" N
Longitude:	11° 11' 27.31372" E	11° 12' 44.49838" E
Ellip. Hgt:	76.8226 m	69.6621 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:RL19
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 26.65486" N
Longitude:	11° 11' 27.31372" E	11° 12' 44.49834" E
Ellip. Hgt:	76.8226 m	69.6332 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC03 - RL21

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:19:18

Point Information

	Reference: IC03	**Rover: RL21**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.4090 m	0.8920 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 17.78893" N
Longitude:	11° 11' 27.31372" E	11° 14' 25.53220" E
Ellip. Hgt:	76.8226 m	67.6319 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:RL21
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 17.78910" N
Longitude:	11° 11' 27.31372" E	11° 14' 25.53203" E
Ellip. Hgt:	76.8226 m	67.5921 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC03 - RL22

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:24:48

Point Information

	Reference: IC03	**Rover: RL22**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.3930 m	1.0090 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 18.64415" N
Longitude:	11° 11' 27.31372" E	11° 14' 48.47294" E
Ellip. Hgt:	76.8226 m	68.0845 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:RL22
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 18.64432" N
Longitude:	11° 11' 27.31372" E	11° 14' 48.47281" E
Ellip. Hgt:	76.8226 m	68.0372 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC04 - GS27

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:42:32

Point Information

	Reference: IC04	**Rover: GS27**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.5480 m	1.4870 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 08.63236" N
Longitude:	11° 18' 24.31719" E	11° 15' 47.86152" E
Ellip. Hgt:	73.5623 m	68.0067 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS27
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 08.63253" N
Longitude:	11° 18' 24.31719" E	11° 15' 47.86144" E
Ellip. Hgt:	73.5623 m	67.9660 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC04 - GS28

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:42:34

Point Information

	Reference: IC04	**Rover: GS28**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.5480 m	1.2850 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 22.07960" N
Longitude:	11° 18' 24.31719" E	11° 15' 51.88445" E
Ellip. Hgt:	73.5623 m	68.4756 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS28
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 22.07974" N
Longitude:	11° 18' 24.31719" E	11° 15' 51.88447" E
Ellip. Hgt:	73.5623 m	68.4390 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC04 - GS30

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:58:38

Point Information

	Reference: IC04	**Rover: GS30**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.5980 m	1.1200 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 20.53189" N
Longitude:	11° 18' 24.31719" E	11° 16' 50.19680" E
Ellip. Hgt:	73.5623 m	73.0065 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS30
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 20.53176" N
Longitude:	11° 18' 24.31719" E	11° 16' 50.19683" E
Ellip. Hgt:	73.5623 m	72.9846 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC04 - GS31

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:06:15

Point Information

	Reference: IC04	**Rover: GS31**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.5980 m	1.3250 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 24.55639" N
Longitude:	11° 18' 24.31719" E	11° 17' 49.15988" E
Ellip. Hgt:	73.5623 m	73.0731 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS31
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 24.55630" N
Longitude:	11° 18' 24.31719" E	11° 17' 49.16004" E
Ellip. Hgt:	73.5623 m	73.0265 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC04 - GS32

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:06:14

Point Information

	Reference: IC04	**Rover: GS32**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.5980 m	1.4090 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 21.41641" N
Longitude:	11° 18' 24.31719" E	11° 18' 02.13858" E
Ellip. Hgt:	73.5623 m	73.5957 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS32
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 21.41632" N
Longitude:	11° 18' 24.31719" E	11° 18' 02.13875" E
Ellip. Hgt:	73.5623 m	73.5509 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC04 - GS33

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:12:32

Point Information

	Reference: IC04	**Rover: GS33**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.5980 m	1.1880 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 33.59033" N
Longitude:	11° 18' 24.31719" E	11° 18' 18.96298" E
Ellip. Hgt:	73.5623 m	74.6797 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS33
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 33.59038" N
Longitude:	11° 18' 24.31719" E	11° 18' 18.96303" E
Ellip. Hgt:	73.5623 m	74.6551 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC04 - GS34

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:12:31

Point Information

	Reference: IC04	**Rover: GS34**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.5980 m	1.3320 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 29.86107" N
Longitude:	11° 18' 24.31719" E	11° 18' 29.81882" E
Ellip. Hgt:	73.5623 m	73.7821 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS34
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 29.86114" N
Longitude:	11° 18' 24.31719" E	11° 18' 29.81892" E
Ellip. Hgt:	73.5623 m	73.7596 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC04 - GS35

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:15:21

Point Information

	Reference: IC04	**Rover: GS35**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.6140 m	1.2690 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 56.76963" N
Longitude:	11° 18' 24.31719" E	11° 19' 20.91159" E
Ellip. Hgt:	73.5623 m	67.7282 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS35
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 56.82343" N
Longitude:	11° 18' 24.31719" E	11° 19' 21.05177" E
Ellip. Hgt:	73.5623 m	73.7390 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC04 - GS36

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:12:34

Point Information

	Reference: IC04	**Rover: GS36**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.5980 m	1.4340 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 56.48852" N
Longitude:	11° 18' 24.31719" E	11° 19' 07.51205" E
Ellip. Hgt:	73.5623 m	74.6152 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS36
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 23' 56.52380" N
Longitude:	11° 18' 24.31719" E	11° 19' 07.48727" E
Ellip. Hgt:	73.5623 m	74.0062 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC04 - GS37

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:21:40

Point Information

	Reference: IC04	**Rover: GS37**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.6140 m	1.5300 m
Initial coordinates:		
Latitude:	45° 22' 05.28811" N	45° 24' 17.28994" N
Longitude:	11° 18' 24.31719" E	11° 20' 08.14885" E
Ellip. Hgt:	73.5623 m	74.6642 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC04	Rover:GS37
Coordinates:		
Latitude:	45° 22' 05.28811" N	45° 24' 17.28999" N
Longitude:	11° 18' 24.31719" E	11° 20' 08.14891" E
Ellip. Hgt:	73.5623 m	74.6328 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS26

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:20:35

Point Information

	Reference: IC05	**Rover: GS26**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.0680 m	1.1790 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 22.91152" N
Longitude:	11° 16' 59.01755" E	11° 14' 39.66946" E
Ellip. Hgt:	78.3394 m	67.9193 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS26
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 22.91163" N
Longitude:	11° 16' 59.01755" E	11° 14' 39.66915" E
Ellip. Hgt:	78.3394 m	67.9266 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC05 - GS27

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:41:21

Point Information

	Reference: IC05	**Rover: GS27**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.2710 m	1.4870 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 08.63230" N
Longitude:	11° 16' 59.01755" E	11° 15' 47.86161" E
Ellip. Hgt:	78.3394 m	68.0088 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS27
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 08.63244" N
Longitude:	11° 16' 59.01755" E	11° 15' 47.86140" E
Ellip. Hgt:	78.3394 m	68.0033 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC05 - GS28

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:27:00

Point Information

	Reference: IC05	**Rover: GS28**
Receiver type / S/N:	TOPCON / 89	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.2710 m	1.2850 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 22.03530" N
Longitude:	11° 16' 59.01755" E	11° 15' 51.91673" E
Ellip. Hgt:	78.3394 m	62.6432 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS28
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 22.07960" N
Longitude:	11° 16' 59.01755" E	11° 15' 51.88445" E
Ellip. Hgt:	78.3394 m	68.4756 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC05 - GS29

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:56:21

Point Information

	Reference: IC05	**Rover: GS29**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.2690 m	1.1560 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 05.65302" N
Longitude:	11° 16' 59.01755" E	11° 16' 54.66817" E
Ellip. Hgt:	78.3394 m	72.6402 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS29
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 05.65288" N
Longitude:	11° 16' 59.01755" E	11° 16' 54.66830" E
Ellip. Hgt:	78.3394 m	72.6183 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS30

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:48:41

Point Information

	Reference: IC05	**Rover: GS30**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.2710 m	1.0400 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 20.58471" N
Longitude:	11° 16' 59.01755" E	11° 16' 50.25004" E
Ellip. Hgt:	78.3394 m	64.3389 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS30
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 20.53192" N
Longitude:	11° 16' 59.01755" E	11° 16' 50.19678" E
Ellip. Hgt:	78.3394 m	73.0190 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IC05 - GS31

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:05:07

Point Information

	Reference: IC05	**Rover: GS31**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.2690 m	1.3250 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 24.55639" N
Longitude:	11° 16' 59.01755" E	11° 17' 49.15988" E
Ellip. Hgt:	78.3394 m	73.0731 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS31
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 24.55629" N
Longitude:	11° 16' 59.01755" E	11° 17' 49.15997" E
Ellip. Hgt:	78.3394 m	73.0652 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS32

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:09:49

Point Information

	Reference: IC05	**Rover: GS32**
Receiver type / S/N:	TOPCON / 89	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.2690 m	1.4090 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 21.41635" N
Longitude:	11° 16' 59.01755" E	11° 18' 02.13870" E
Ellip. Hgt:	78.3394 m	73.5650 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS32
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 21.41630" N
Longitude:	11° 16' 59.01755" E	11° 18' 02.13867" E
Ellip. Hgt:	78.3394 m	73.5854 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS33

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:09:50

Point Information

	Reference: IC05	**Rover: GS33**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.2690 m	1.1880 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 33.59033" N
Longitude:	11° 16' 59.01755" E	11° 18' 18.96298" E
Ellip. Hgt:	78.3394 m	74.6797 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS33
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 33.59029" N
Longitude:	11° 16' 59.01755" E	11° 18' 18.96293" E
Ellip. Hgt:	78.3394 m	74.6983 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS34

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:13:51

Point Information

	Reference: IC05	**Rover: GS34**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.2960 m	1.2250 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 29.86111" N
Longitude:	11° 16' 59.01755" E	11° 18' 29.81887" E
Ellip. Hgt:	78.3394 m	73.7690 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS34
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 29.86090" N
Longitude:	11° 16' 59.01755" E	11° 18' 29.81881" E
Ellip. Hgt:	78.3394 m	73.8078 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS35

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:20:40

Point Information

	Reference: IC05	**Rover: GS35**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.2960 m	1.2690 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 56.82343" N
Longitude:	11° 16' 59.01755" E	11° 19' 21.05178" E
Ellip. Hgt:	78.3394 m	73.7433 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS35
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 56.82337" N
Longitude:	11° 16' 59.01755" E	11° 19' 21.05174" E
Ellip. Hgt:	78.3394 m	73.7868 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS36

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:20:37

Point Information

	Reference: IC05	**Rover: GS36**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.2960 m	1.6080 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 56.52374" N
Longitude:	11° 16' 59.01755" E	11° 19' 07.48722" E
Ellip. Hgt:	78.3394 m	74.0299 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS36
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 56.52360" N
Longitude:	11° 16' 59.01755" E	11° 19' 07.48713" E
Ellip. Hgt:	78.3394 m	74.0664 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS37

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:20:38

Point Information

	Reference: IC05	**Rover: GS37**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.2960 m	1.5300 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 24' 17.28992" N
Longitude:	11° 16' 59.01755" E	11° 20' 08.14887" E
Ellip. Hgt:	78.3394 m	74.6361 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS37
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 24' 17.28995" N
Longitude:	11° 16' 59.01755" E	11° 20' 08.14884" E
Ellip. Hgt:	78.3394 m	74.6804 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - GS38

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:29:13

Point Information

	Reference: IC05	**Rover: GS38**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.2000 m	1.5070 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 24' 30.25269" N
Longitude:	11° 16' 59.01755" E	11° 20' 08.39843" E
Ellip. Hgt:	78.3394 m	77.7819 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:GS38
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 24' 30.25269" N
Longitude:	11° 16' 59.01755" E	11° 20' 08.39832" E
Ellip. Hgt:	78.3394 m	77.7746 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC05 - RL22

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:26:58

Point Information

	Reference: IC05	**Rover: RL22**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.2710 m	1.0090 m
Initial coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 18.64415" N
Longitude:	11° 16' 59.01755" E	11° 14' 48.47294" E
Ellip. Hgt:	78.3394 m	68.0845 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC05	Rover:RL22
Coordinates:		
Latitude:	45° 24' 31.60656" N	45° 23' 18.64441" N
Longitude:	11° 16' 59.01755" E	11° 14' 48.47285" E
Ellip. Hgt:	78.3394 m	68.0864 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	Missing orbits for satellite R01.

Results - Baseline
IC06 - GS37

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:31:17

Point Information

	Reference: IC06	**Rover: GS37**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3080 m	1.4170 m
Initial coordinates:		
Latitude:	45° 24' 05.75653" N	45° 24' 17.28996" N
Longitude:	11° 22' 12.67525" E	11° 20' 08.14887" E
Ellip. Hgt:	73.8659 m	74.6530 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC06	Rover:GS37
Coordinates:		
Latitude:	45° 24' 05.75653" N	45° 24' 17.28999" N
Longitude:	11° 22' 12.67525" E	11° 20' 08.14874" E
Ellip. Hgt:	73.8659 m	74.4580 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IC06 - GS39

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:31:19

Point Information

	Reference: IC06	**Rover: GS39**
Receiver type / S/N:	TOPCON / 8	GS15 / 1513025
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3080 m	1.1340 m
Initial coordinates:		
Latitude:	45° 24' 05.75653" N	45° 24' 36.13438" N
Longitude:	11° 22' 12.67525" E	11° 21' 37.56945" E
Ellip. Hgt:	73.8659 m	72.9498 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC06	Rover:GS39
Coordinates:		
Latitude:	45° 24' 05.75653" N	45° 24' 36.09017" N
Longitude:	11° 22' 12.67525" E	11° 21' 37.55841" E
Ellip. Hgt:	73.8659 m	75.5888 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IC06 - GS40

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:31:15

Point Information

	Reference: IC06	**Rover: GS40**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.3080 m	1.3190 m
Initial coordinates:		
Latitude:	45° 24' 05.75653" N	45° 24' 28.28385" N
Longitude:	11° 22' 12.67525" E	11° 21' 54.04057" E
Ellip. Hgt:	73.8659 m	74.4623 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC06	Rover:GS40
Coordinates:		
Latitude:	45° 24' 05.75653" N	45° 24' 28.24848" N
Longitude:	11° 22' 12.67525" E	11° 21' 54.03138" E
Ellip. Hgt:	73.8659 m	74.7901 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IC06 - GS41

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:50:16

Point Information

	Reference: IC06	**Rover: GS41**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.4780 m	0.8020 m
Initial coordinates:		
Latitude:	45° 24' 05.75653" N	45° 25' 54.99314" N
Longitude:	11° 22' 12.67525" E	11° 22' 09.73402" E
Ellip. Hgt:	73.8659 m	76.1044 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC06	Rover:GS41
Coordinates:		
Latitude:	45° 24' 05.75653" N	45° 25' 54.92840" N
Longitude:	11° 22' 12.67525" E	11° 22' 09.65448" E
Ellip. Hgt:	73.8659 m	82.3985 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	Missing orbits for satellite G14.

Results - Baseline
IC06 - GS42

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:44:22

Point Information

	Reference: IC06	**Rover: GS42**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.4780 m	1.1620 m
Initial coordinates:		
Latitude:	45° 24' 05.75653" N	45° 25' 47.41479" N
Longitude:	11° 22' 12.67525" E	11° 22' 16.80299" E
Ellip. Hgt:	73.8659 m	79.6469 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC06	Rover:GS42
Coordinates:		
Latitude:	45° 24' 05.75653" N	45° 25' 47.38292" N
Longitude:	11° 22' 12.67525" E	11° 22' 16.74175" E
Ellip. Hgt:	73.8659 m	83.0067 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC07 - GS38

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:45:35

Point Information

	Reference: IC07	**Rover: GS38**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.3240 m	1.5070 m
Initial coordinates:		
Latitude:	45° 26' 19.22623" N	45° 24' 30.25269" N
Longitude:	11° 21' 07.32497" E	11° 20' 08.39837" E
Ellip. Hgt:	84.2422 m	77.7775 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC07	Rover:GS38
Coordinates:		
Latitude:	45° 26' 19.22623" N	45° 24' 30.25273" N
Longitude:	11° 21' 07.32497" E	11° 20' 08.39837" E
Ellip. Hgt:	84.2422 m	77.7682 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC07 - GS39

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:45:36

Point Information

	Reference: IC07	**Rover: GS39**
Receiver type / S/N:	Unknown / -	GS15 / 1513025
Antenna type / S/N:	GS16 Pole / -	GS15 Pole / -
Antenna height:	1.3240 m	1.1340 m
Initial coordinates:		
Latitude:	45° 26' 19.22623" N	45° 24' 36.09013" N
Longitude:	11° 21' 07.32497" E	11° 21' 37.55848" E
Ellip. Hgt:	84.2422 m	75.7652 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC07	Rover:GS39
Coordinates:		
Latitude:	45° 26' 19.22623" N	45° 24' 36.09017" N
Longitude:	11° 21' 07.32497" E	11° 21' 37.55847" E
Ellip. Hgt:	84.2422 m	75.7742 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC07 - GS40

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:45:33

Point Information

	Reference: IC07	**Rover: GS40**
Receiver type / S/N:	Unknown / -	TOPCON / 89
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.3240 m	1.4990 m
Initial coordinates:		
Latitude:	45° 26' 19.22623" N	45° 24' 28.24846" N
Longitude:	11° 21' 07.32497" E	11° 21' 54.03139" E
Ellip. Hgt:	84.2422 m	74.9615 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC07	Rover:GS40
Coordinates:		
Latitude:	45° 26' 19.22623" N	45° 24' 28.24845" N
Longitude:	11° 21' 07.32497" E	11° 21' 54.03134" E
Ellip. Hgt:	84.2422 m	74.9774 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC07 - GS41

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:52:19

Point Information

	Reference: IC07	**Rover: GS41**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.3240 m	0.8020 m
Initial coordinates:		
Latitude:	45° 26' 19.22623" N	45° 25' 54.92840" N
Longitude:	11° 21' 07.32497" E	11° 22' 09.65448" E
Ellip. Hgt:	84.2422 m	82.3985 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC07	Rover:GS41
Coordinates:		
Latitude:	45° 26' 19.22623" N	45° 25' 54.92839" N
Longitude:	11° 21' 07.32497" E	11° 22' 09.65462" E
Ellip. Hgt:	84.2422 m	82.4128 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC07 - GS42

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 12:52:20

Point Information

	Reference: IC07	**Rover: GS42**
Receiver type / S/N:	Unknown / -	GS15 / 1510292
Antenna type / S/N:	GS16 Pole / -	GS15 Pole / -
Antenna height:	1.3240 m	1.1620 m
Initial coordinates:		
Latitude:	45° 26' 19.22623" N	45° 25' 47.38290" N
Longitude:	11° 21' 07.32497" E	11° 22' 16.74183" E
Ellip. Hgt:	84.2422 m	83.0087 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC07	Rover:GS42
Coordinates:		
Latitude:	45° 26' 19.22623" N	45° 25' 47.38304" N
Longitude:	11° 21' 07.32497" E	11° 22' 16.74142" E
Ellip. Hgt:	84.2422 m	82.9972 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0003 m	Sd. Lon: 0.0003 m	Sd. Hgt: 0.0007 m
	Posn. Qlty: 0.0004 m	Sd. Slope: 0.0003 m	

Results - Baseline
IC08 - GS41

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 14:57:04

Point Information

	Reference: IC08	**Rover: GS41**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.1390 m	0.7930 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 25' 54.92839" N
Longitude:	11° 25' 41.61793" E	11° 22' 09.65457" E
Ellip. Hgt:	89.1136 m	82.4074 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS41
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 25' 54.92843" N
Longitude:	11° 25' 41.61793" E	11° 22' 09.65453" E
Ellip. Hgt:	89.1136 m	82.4138 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IC08 - GS43

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 14:59:39

Point Information

	Reference: IC08	**Rover: GS43**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.1390 m	1.0290 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 26' 56.37828" N
Longitude:	11° 25' 41.61793" E	11° 23' 34.67877" E
Ellip. Hgt:	89.1136 m	94.2517 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS43
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 26' 56.37798" N
Longitude:	11° 25' 41.61793" E	11° 23' 34.67898" E
Ellip. Hgt:	89.1136 m	94.2408 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IC08 - GS44

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 14:59:41

Point Information

	Reference: IC08	**Rover: GS44**
Receiver type / S/N:	TOPCON / 89	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.1390 m	1.5070 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 26' 50.66774" N
Longitude:	11° 25' 41.61793" E	11° 23' 53.25830" E
Ellip. Hgt:	89.1136 m	100.6481 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS44
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 26' 50.66776" N
Longitude:	11° 25' 41.61793" E	11° 23' 53.25817" E
Ellip. Hgt:	89.1136 m	100.6479 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IC08 - GS45

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:07:34

Point Information

	Reference: IC08	**Rover: GS45**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.1390 m	1.0620 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 27' 29.62567" N
Longitude:	11° 25' 41.61793" E	11° 25' 01.25094" E
Ellip. Hgt:	89.1136 m	93.4265 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS45
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 27' 29.62836" N
Longitude:	11° 25' 41.61793" E	11° 25' 01.16188" E
Ellip. Hgt:	89.1136 m	93.1682 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC08 - GS46

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:17:17

Point Information

	Reference: IC08	**Rover: GS46**
Receiver type / S/N:	TOPCON / 89	GS15 / 1513025
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.1390 m	1.3850 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 27' 21.59152" N
Longitude:	11° 25' 41.61793" E	11° 25' 15.02799" E
Ellip. Hgt:	89.1136 m	92.3764 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS46
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 27' 21.59139" N
Longitude:	11° 25' 41.61793" E	11° 25' 15.02812" E
Ellip. Hgt:	89.1136 m	92.3834 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC08 - GS47

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:25:57

Point Information

	Reference: IC08	**Rover: GS47**
Receiver type / S/N:	GS15 / 1513025	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9760 m	1.3080 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 28' 43.87813" N
Longitude:	11° 25' 41.61793" E	11° 25' 43.18991" E
Ellip. Hgt:	89.1136 m	96.0237 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS47
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 28' 43.87811" N
Longitude:	11° 25' 41.61793" E	11° 25' 43.18997" E
Ellip. Hgt:	89.1136 m	96.0299 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IC08 - GS48

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:17:18

Point Information

	Reference: IC08	**Rover: GS48**
Receiver type / S/N:	TOPCON / 89	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.1390 m	1.4600 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 28' 55.38851" N
Longitude:	11° 25' 41.61793" E	11° 25' 56.42886" E
Ellip. Hgt:	89.1136 m	96.7161 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS48
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 28' 55.22792" N
Longitude:	11° 25' 41.61793" E	11° 25' 56.42069" E
Ellip. Hgt:	89.1136 m	96.0186 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC08 - GS50

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:27:31

Point Information

	Reference: IC08	**Rover: GS50**
Receiver type / S/N:	GS15 / 1513025	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9760 m	1.3430 m
Initial coordinates:		
Latitude:	45° 27' 17.59014" N	45° 30' 11.54002" N
Longitude:	11° 25' 41.61793" E	11° 26' 51.79165" E
Ellip. Hgt:	89.1136 m	96.8993 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC08	Rover:GS50
Coordinates:		
Latitude:	45° 27' 17.59014" N	45° 30' 11.50726" N
Longitude:	11° 25' 41.61793" E	11° 26' 51.78495" E
Ellip. Hgt:	89.1136 m	96.3613 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IC09 - GS48

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:54:08

Point Information

	Reference: IC09	**Rover: GS48**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 8
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	0.9950 m	1.5490 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 28' 55.22790" N
Longitude:	11° 25' 24.19473" E	11° 25' 56.42068" E
Ellip. Hgt:	107.2977 m	96.0242 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS48
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 28' 55.22801" N
Longitude:	11° 25' 24.19473" E	11° 25' 56.42070" E
Ellip. Hgt:	107.2977 m	96.0563 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS49

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:54:09

Point Information

	Reference: IC09	**Rover: GS49**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 8
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	0.9950 m	1.7300 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 05.59855" N
Longitude:	11° 25' 24.19473" E	11° 26' 46.51436" E
Ellip. Hgt:	107.2977 m	97.7736 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS49
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 05.59835" N
Longitude:	11° 25' 24.19473" E	11° 26' 46.51431" E
Ellip. Hgt:	107.2977 m	97.7744 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS50

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 16:54:09

Point Information

	Reference: IC09	**Rover: GS50**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 8
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	0.9950 m	1.3430 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 11.50746" N
Longitude:	11° 25' 24.19473" E	11° 26' 51.78511" E
Ellip. Hgt:	107.2977 m	96.3734 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS50
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 11.50735" N
Longitude:	11° 25' 24.19473" E	11° 26' 51.78515" E
Ellip. Hgt:	107.2977 m	96.3587 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS51

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:06:05

Point Information

	Reference: IC09	**Rover: GS51**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.3700 m	1.2320 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 42.86060" N
Longitude:	11° 25' 24.19473" E	11° 27' 20.26580" E
Ellip. Hgt:	107.2977 m	92.5300 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS51
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 42.86050" N
Longitude:	11° 25' 24.19473" E	11° 27' 20.26588" E
Ellip. Hgt:	107.2977 m	92.5116 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS52

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:13:37

Point Information

	Reference: IC09	**Rover: GS52**
Receiver type / S/N:	TOPCON / 8	GS15 / 1513025
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3700 m	1.3780 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 33.60453" N
Longitude:	11° 25' 24.19473" E	11° 27' 23.43920" E
Ellip. Hgt:	107.2977 m	91.7641 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS52
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 33.60449" N
Longitude:	11° 25' 24.19473" E	11° 27' 23.43928" E
Ellip. Hgt:	107.2977 m	91.7574 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS53

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:13:38

Point Information

	Reference: IC09	**Rover: GS53**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.3700 m	1.0700 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 49.04945" N
Longitude:	11° 25' 24.19473" E	11° 27' 43.69068" E
Ellip. Hgt:	107.2977 m	89.3017 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS53
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 49.04939" N
Longitude:	11° 25' 24.19473" E	11° 27' 43.69062" E
Ellip. Hgt:	107.2977 m	89.2934 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS54

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:22:15

Point Information

	Reference: IC09	**Rover: GS54**
Receiver type / S/N:	TOPCON / 8	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.3700 m	1.4950 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 51.15884" N
Longitude:	11° 25' 24.19473" E	11° 28' 00.84469" E
Ellip. Hgt:	107.2977 m	87.4958 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS54
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 30' 51.15863" N
Longitude:	11° 25' 24.19473" E	11° 28' 00.84466" E
Ellip. Hgt:	107.2977 m	87.4815 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS55

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:22:17

Point Information

	Reference: IC09	**Rover: GS55**
Receiver type / S/N:	TOPCON / 8	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.3700 m	1.2500 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 31' 17.08051" N
Longitude:	11° 25' 24.19473" E	11° 29' 14.33439" E
Ellip. Hgt:	107.2977 m	78.7943 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS55
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 31' 17.05736" N
Longitude:	11° 25' 24.19473" E	11° 29' 14.27454" E
Ellip. Hgt:	107.2977 m	80.2860 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC09 - GS56

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 17:22:18

Point Information

	Reference: IC09	**Rover: GS56**
Receiver type / S/N:	TOPCON / 8	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.3700 m	1.2350 m
Initial coordinates:		
Latitude:	45° 30' 40.56836" N	45° 31' 19.23493" N
Longitude:	11° 25' 24.19473" E	11° 29' 25.76826" E
Ellip. Hgt:	107.2977 m	81.6725 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC09	Rover:GS56
Coordinates:		
Latitude:	45° 30' 40.56836" N	45° 31' 19.19751" N
Longitude:	11° 25' 24.19473" E	11° 29' 25.75952" E
Ellip. Hgt:	107.2977 m	80.2902 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IC03 - GS22

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:05:05

Point Information

	Reference: IC03	**Rover: GS22**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3470 m	0.8460 m
Initial coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 40.10492" N
Longitude:	11° 11' 27.31372" E	11° 12' 50.06339" E
Ellip. Hgt:	76.8226 m	70.4716 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IC03	Rover:GS22
Coordinates:		
Latitude:	45° 22' 08.91289" N	45° 23' 40.10506" N
Longitude:	11° 11' 27.31372" E	11° 12' 50.06332" E
Ellip. Hgt:	76.8226 m	70.4531 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	Missing orbits for satellite R01.

Results - Baseline
IGM049702 - GS06

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:40:14

Point Information

	Reference: IGM049702	**Rover: GS06**
Receiver type / S/N:	Unknown / -	TOPCON / 89
Antenna type / S/N:	GS16 Pole / -	GR3 / -
Antenna height:	1.1050 m	1.5840 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 25' 22.87743" N
Longitude:	11° 08' 08.18380" E	11° 03' 57.51544" E
Ellip. Hgt:	91.5820 m	99.2830 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS06
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 25' 22.85587" N
Longitude:	11° 08' 08.18380" E	11° 03' 57.51457" E
Ellip. Hgt:	91.5820 m	97.4135 m

Solution type:	GPS fix, GLONASS float		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS07

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:34:27

Point Information

	Reference: IGM049702	**Rover: GS07**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1513025
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	1.0750 m	1.3040 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 25' 12.94493" N
Longitude:	11° 08' 08.18380" E	11° 04' 29.77764" E
Ellip. Hgt:	91.5820 m	92.1767 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS07
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 25' 12.91440" N
Longitude:	11° 08' 08.18380" E	11° 04' 29.72232" E
Ellip. Hgt:	91.5820 m	93.6980 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS08

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/21/2020 23:40:15

Point Information

	Reference: IGM049702	**Rover: GS08**
Receiver type / S/N:	Unknown / -	GS14 / 2871642
Antenna type / S/N:	GS16 Pole / -	GS14 Pole / -
Antenna height:	1.1050 m	1.0820 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 25' 11.15241" N
Longitude:	11° 08' 08.18380" E	11° 04' 39.83626" E
Ellip. Hgt:	91.5820 m	94.0235 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS08
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 25' 11.15247" N
Longitude:	11° 08' 08.18380" E	11° 04' 39.83631" E
Ellip. Hgt:	91.5820 m	94.0431 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0004 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS09

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:34:26

Point Information

	Reference: IGM049702	**Rover: GS09**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 89
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	1.0750 m	1.6410 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 22.17147" N
Longitude:	11° 08' 08.18380" E	11° 05' 28.85352" E
Ellip. Hgt:	91.5820 m	90.8255 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS09
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 22.10896" N
Longitude:	11° 08' 08.18380" E	11° 05' 28.78269" E
Ellip. Hgt:	91.5820 m	90.8814 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS10

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:38:51

Point Information

	Reference: IGM049702	**Rover: GS10**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 89
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9740 m	1.4950 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 34.99068" N
Longitude:	11° 08' 08.18380" E	11° 05' 39.16922" E
Ellip. Hgt:	91.5820 m	93.4581 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS10
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 34.91469" N
Longitude:	11° 08' 08.18380" E	11° 05' 39.16292" E
Ellip. Hgt:	91.5820 m	89.9414 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS11

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:46:12

Point Information

	Reference: IGM049702	**Rover: GS11**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1510280
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.9740 m	0.7250 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 12.23693" N
Longitude:	11° 08' 08.18380" E	11° 06' 10.97022" E
Ellip. Hgt:	91.5820 m	88.2453 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS11
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 12.23697" N
Longitude:	11° 08' 08.18380" E	11° 06' 10.97018" E
Ellip. Hgt:	91.5820 m	88.2442 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS12

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:38:53

Point Information

	Reference: IGM049702	**Rover: GS12**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1513025
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.9740 m	1.3130 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 17.01662" N
Longitude:	11° 08' 08.18380" E	11° 06' 19.82197" E
Ellip. Hgt:	91.5820 m	93.5345 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS12
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 16.95052" N
Longitude:	11° 08' 08.18380" E	11° 06' 19.78919" E
Ellip. Hgt:	91.5820 m	87.7265 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS13

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:59:26

Point Information

	Reference: IGM049702	**Rover: GS13**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9800 m	1.6740 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 23' 54.35357" N
Longitude:	11° 08' 08.18380" E	11° 06' 59.60278" E
Ellip. Hgt:	91.5820 m	81.7088 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS13
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 23' 54.28161" N
Longitude:	11° 08' 08.18380" E	11° 06' 59.58623" E
Ellip. Hgt:	91.5820 m	75.9555 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS14

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:03:37

Point Information

	Reference: IGM049702	**Rover: GS14**
Receiver type / S/N:	GS15 / 1510292	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	0.9800 m	1.1650 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 23' 56.45237" N
Longitude:	11° 08' 08.18380" E	11° 07' 30.48287" E
Ellip. Hgt:	91.5820 m	73.6094 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS14
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 23' 56.49395" N
Longitude:	11° 08' 08.18380" E	11° 07' 30.41625" E
Ellip. Hgt:	91.5820 m	75.3043 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - GS15

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:08:55

Point Information

	Reference: IGM049702	**Rover: GS15**
Receiver type / S/N:	GS15 / 1510292	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9060 m	1.3100 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 23' 50.74156" N
Longitude:	11° 08' 08.18380" E	11° 09' 23.11256" E
Ellip. Hgt:	91.5820 m	73.6480 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:GS15
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 23' 50.74156" N
Longitude:	11° 08' 08.18380" E	11° 09' 23.11251" E
Ellip. Hgt:	91.5820 m	73.6494 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049702 - RL10

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 08:52:16

Point Information

	Reference: IGM049702	**Rover: RL10**
Receiver type / S/N:	GS15 / 1510292	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9800 m	1.5080 m
Initial coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 11.77101" N
Longitude:	11° 08' 08.18380" E	11° 07' 32.02216" E
Ellip. Hgt:	91.5820 m	76.6623 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049702	Rover:RL10
Coordinates:		
Latitude:	45° 25' 10.18210" N	45° 24' 11.77107" N
Longitude:	11° 08' 08.18380" E	11° 07' 32.02216" E
Ellip. Hgt:	91.5820 m	76.6643 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS15

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:16:28

Point Information

	Reference: IGM049703	**Rover: GS15**
Receiver type / S/N:	GS15 / 1510292	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9500 m	1.3100 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 50.74156" N
Longitude:	11° 12' 51.18740" E	11° 09' 23.11252" E
Ellip. Hgt:	76.5770 m	73.6461 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS15
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 50.74150" N
Longitude:	11° 12' 51.18740" E	11° 09' 23.11278" E
Ellip. Hgt:	76.5770 m	73.6575 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS16

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:23:35

Point Information

	Reference: IGM049703	**Rover: GS16**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1513025
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.9500 m	1.3690 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 39.04954" N
Longitude:	11° 12' 51.18740" E	11° 09' 50.41019" E
Ellip. Hgt:	76.5770 m	73.0398 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS16
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 39.04944" N
Longitude:	11° 12' 51.18740" E	11° 09' 50.41022" E
Ellip. Hgt:	76.5770 m	73.0503 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS17

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:36:40

Point Information

	Reference: IGM049703	**Rover: GS17**
Receiver type / S/N:	GS15 / 1510292	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9300 m	1.3650 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 48.76340" N
Longitude:	11° 12' 51.18740" E	11° 10' 34.97208" E
Ellip. Hgt:	76.5770 m	71.1761 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS17
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 48.76337" N
Longitude:	11° 12' 51.18740" E	11° 10' 34.97208" E
Ellip. Hgt:	76.5770 m	71.1743 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS18

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:23:37

Point Information

	Reference: IGM049703	**Rover: GS18**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1510280
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.9500 m	1.3170 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 57.42998" N
Longitude:	11° 12' 51.18740" E	11° 10' 16.82759" E
Ellip. Hgt:	76.5770 m	71.4515 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS18
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 57.42989" N
Longitude:	11° 12' 51.18740" E	11° 10' 16.82773" E
Ellip. Hgt:	76.5770 m	71.4565 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS19

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:47:14

Point Information

	Reference: IGM049703	**Rover: GS19**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1510280
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.9300 m	1.2780 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 48.18250" N
Longitude:	11° 12' 51.18740" E	11° 11' 44.05865" E
Ellip. Hgt:	76.5770 m	70.0656 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS19
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 48.18239" N
Longitude:	11° 12' 51.18740" E	11° 11' 44.05865" E
Ellip. Hgt:	76.5770 m	70.1008 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS20

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:53:00

Point Information

	Reference: IGM049703	**Rover: GS20**
Receiver type / S/N:	GS15 / 1510292	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9250 m	1.1880 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 38.05013" N
Longitude:	11° 12' 51.18740" E	11° 11' 38.42468" E
Ellip. Hgt:	76.5770 m	68.6229 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS20
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 38.05000" N
Longitude:	11° 12' 51.18740" E	11° 11' 38.42468" E
Ellip. Hgt:	76.5770 m	68.6378 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS21

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:58:30

Point Information

	Reference: IGM049703	**Rover: GS21**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 89
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9250 m	1.3130 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 30.85184" N
Longitude:	11° 12' 51.18740" E	11° 12' 59.32713" E
Ellip. Hgt:	76.5770 m	70.2915 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS21
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 30.85158" N
Longitude:	11° 12' 51.18740" E	11° 12' 59.32727" E
Ellip. Hgt:	76.5770 m	70.3260 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS22

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:03:44

Point Information

	Reference: IGM049703	**Rover: GS22**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1510280
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.9250 m	0.8460 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 40.10492" N
Longitude:	11° 12' 51.18740" E	11° 12' 50.06339" E
Ellip. Hgt:	76.5770 m	70.4716 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS22
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 40.10487" N
Longitude:	11° 12' 51.18740" E	11° 12' 50.06345" E
Ellip. Hgt:	76.5770 m	70.4905 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS23

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:03:45

Point Information

	Reference: IGM049703	**Rover: GS23**
Receiver type / S/N:	GS15 / 1510292	Unknown / -
Antenna type / S/N:	GS15 Pole / -	GS16 Pole / -
Antenna height:	0.9250 m	1.2520 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 26.09056" N
Longitude:	11° 12' 51.18740" E	11° 13' 51.57880" E
Ellip. Hgt:	76.5770 m	68.6864 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS23
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 26.09048" N
Longitude:	11° 12' 51.18740" E	11° 13' 51.57889" E
Ellip. Hgt:	76.5770 m	68.7078 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS24

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:09:33

Point Information

	Reference: IGM049703	**Rover: GS24**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.2590 m	1.3770 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 23.05896" N
Longitude:	11° 12' 51.18740" E	11° 14' 02.50503" E
Ellip. Hgt:	76.5770 m	64.9189 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS24
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 23.02581" N
Longitude:	11° 12' 51.18740" E	11° 14' 02.44435" E
Ellip. Hgt:	76.5770 m	68.0922 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - GS25

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:14:14

Point Information

	Reference: IGM049703	**Rover: GS25**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510280
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.2590 m	1.1570 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 27.53579" N
Longitude:	11° 12' 51.18740" E	11° 14' 03.96157" E
Ellip. Hgt:	76.5770 m	67.2846 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS25
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 27.53570" N
Longitude:	11° 12' 51.18740" E	11° 14' 03.96162" E
Ellip. Hgt:	76.5770 m	67.3188 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IGM049703 - GS26

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:14:12

Point Information

	Reference: IGM049703	**Rover: GS26**
Receiver type / S/N:	TOPCON / 89	TOPCON / 8
Antenna type / S/N:	GR3 / -	GR3 / -
Antenna height:	1.2590 m	1.1790 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 22.91161" N
Longitude:	11° 12' 51.18740" E	11° 14' 39.66946" E
Ellip. Hgt:	76.5770 m	67.9038 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:GS26
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 22.91139" N
Longitude:	11° 12' 51.18740" E	11° 14' 39.66945" E
Ellip. Hgt:	76.5770 m	67.9402 m
Solution type:	Phase: all fix	
GNSS type:	GPS / GLONASS	
Frequency:	L1 and L2	
Ambiguity:	Yes	

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IGM049703 - RL14

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:16:26

Point Information

	Reference: IGM049703	**Rover: RL14**
Receiver type / S/N:	GS15 / 1510292	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	0.9500 m	1.0550 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 40.50322" N
Longitude:	11° 12' 51.18740" E	11° 09' 26.04643" E
Ellip. Hgt:	76.5770 m	73.3423 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:RL14
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 40.50314" N
Longitude:	11° 12' 51.18740" E	11° 09' 26.04668" E
Ellip. Hgt:	76.5770 m	73.3859 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - RL17

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 09:41:15

Point Information

	Reference: IGM049703	**Rover: RL17**
Receiver type / S/N:	GS15 / 1510292	TOPCON / 8
Antenna type / S/N:	GS15 Pole / -	GR3 / -
Antenna height:	0.9300 m	1.4620 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 39.69718" N
Longitude:	11° 12' 51.18740" E	11° 10' 55.86741" E
Ellip. Hgt:	76.5770 m	71.1863 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:RL17
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 39.69705" N
Longitude:	11° 12' 51.18740" E	11° 10' 55.86749" E
Ellip. Hgt:	76.5770 m	71.1918 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - RL18

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:52:56

Point Information

	Reference: IGM049703	**Rover: RL18**
Receiver type / S/N:	GS15 / 1510292	GS15 / 1510280
Antenna type / S/N:	GS15 Pole / -	GS15 Pole / -
Antenna height:	0.9250 m	1.4080 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 34.41814" N
Longitude:	11° 12' 51.18740" E	11° 11' 52.54158" E
Ellip. Hgt:	76.5770 m	69.8021 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	5	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:RL18
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 34.41805" N
Longitude:	11° 12' 51.18740" E	11° 11' 52.54165" E
Ellip. Hgt:	76.5770 m	69.8170 m

Solution type:	Phase: all fix
GNSS type:	GPS / GLONASS
Frequency:	L1 and L2
Ambiguity:	Yes

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - RL19

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 10:58:32

Point Information

	Reference: IGM049703	**Rover: RL19**
Receiver type / S/N:	GS15 / 1510292	GS14 / 2871642
Antenna type / S/N:	GS15 Pole / -	GS14 Pole / -
Antenna height:	0.9250 m	1.2690 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 26.65471" N
Longitude:	11° 12' 51.18740" E	11° 12' 44.49831" E
Ellip. Hgt:	76.5770 m	69.6560 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:RL19
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 26.65463" N
Longitude:	11° 12' 51.18740" E	11° 12' 44.49842" E
Ellip. Hgt:	76.5770 m	69.6699 m

Solution type:	Phase: all fix
GNSS type:	GPS / GLONASS
Frequency:	L1 and L2
Ambiguity:	Yes

Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049703 - RL21

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/11/2020 11:14:16

Point Information

	Reference: IGM049703	**Rover: RL21**
Receiver type / S/N:	TOPCON / 89	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.2590 m	0.8920 m
Initial coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 17.83056" N
Longitude:	11° 12' 51.18740" E	11° 14' 25.57559" E
Ellip. Hgt:	76.5770 m	69.1077 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049703	Rover:RL21
Coordinates:		
Latitude:	45° 24' 36.28480" N	45° 23' 17.78893" N
Longitude:	11° 12' 51.18740" E	11° 14' 25.53220" E
Ellip. Hgt:	76.5770 m	67.6319 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite R01.

Results - Baseline
IGM049705 - GS41

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 14:55:37

Point Information

	Reference: IGM049705	**Rover: GS41**
Receiver type / S/N:	TOPCON / 8	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3010 m	0.7930 m
Initial coordinates:		
Latitude:	45° 27' 30.32560" N	45° 25' 54.92839" N
Longitude:	11° 23' 23.18520" E	11° 22' 09.65457" E
Ellip. Hgt:	106.1310 m	82.4074 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049705	Rover:GS41
Coordinates:		
Latitude:	45° 27' 30.32560" N	45° 25' 54.92864" N
Longitude:	11° 23' 23.18520" E	11° 22' 09.65444" E
Ellip. Hgt:	106.1310 m	82.4058 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G11.

Results - Baseline
IGM049705 - GS43

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:04:26

Point Information

	Reference: IGM049705	**Rover: GS43**
Receiver type / S/N:	TOPCON / 89	GS14 / 2871642
Antenna type / S/N:	GR3 / -	GS14 Pole / -
Antenna height:	1.3010 m	1.0290 m
Initial coordinates:		
Latitude:	45° 27' 30.32560" N	45° 26' 56.37828" N
Longitude:	11° 23' 23.18520" E	11° 23' 34.67877" E
Ellip. Hgt:	106.1310 m	94.2517 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049705	Rover:GS43
Coordinates:		
Latitude:	45° 27' 30.32560" N	45° 26' 56.37820" N
Longitude:	11° 23' 23.18520" E	11° 23' 34.67900" E
Ellip. Hgt:	106.1310 m	94.2358 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0003 m
	Posn. Qlty: 0.0002 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049705 - GS44

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:04:28

Point Information

	Reference: IGM049705	**Rover: GS44**
Receiver type / S/N:	TOPCON / 89	Unknown / -
Antenna type / S/N:	GR3 / -	GS16 Pole / -
Antenna height:	1.3010 m	1.5070 m
Initial coordinates:		
Latitude:	45° 27' 30.32560" N	45° 26' 50.66775" N
Longitude:	11° 23' 23.18520" E	11° 23' 53.25820" E
Ellip. Hgt:	106.1310 m	100.6480 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049705	Rover:GS44
Coordinates:		
Latitude:	45° 27' 30.32560" N	45° 26' 50.66792" N
Longitude:	11° 23' 23.18520" E	11° 23' 53.25810" E
Ellip. Hgt:	106.1310 m	100.6406 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049705 - GS45

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:14:20

Point Information

	Reference: IGM049705	**Rover: GS45**
Receiver type / S/N:	TOPCON / 89	GS15 / 1510292
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3010 m	1.0620 m
Initial coordinates:		
Latitude:	45° 27' 30.32560" N	45° 27' 29.62843" N
Longitude:	11° 23' 23.18520" E	11° 25' 01.16186" E
Ellip. Hgt:	106.1310 m	93.1693 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049705	Rover:GS45
Coordinates:		
Latitude:	45° 27' 30.32560" N	45° 27' 29.62861" N
Longitude:	11° 23' 23.18520" E	11° 25' 01.16186" E
Ellip. Hgt:	106.1310 m	93.1664 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit: Missing orbits for satellite G14.

Results - Baseline
IGM049705 - GS46

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:06:10

Point Information

	Reference: IGM049705	**Rover: GS46**
Receiver type / S/N:	TOPCON / 89	GS15 / 1513025
Antenna type / S/N:	GR3 / -	GS15 Pole / -
Antenna height:	1.3010 m	1.3850 m
Initial coordinates:		
Latitude:	45° 27' 30.32560" N	45° 27' 21.61528" N
Longitude:	11° 23' 23.18520" E	11° 25' 15.13475" E
Ellip. Hgt:	106.1310 m	93.9390 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049705	Rover:GS46
Coordinates:		
Latitude:	45° 27' 30.32560" N	45° 27' 21.59152" N
Longitude:	11° 23' 23.18520" E	11° 25' 15.02799" E
Ellip. Hgt:	106.1310 m	92.3764 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0002 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Results - Baseline
IGM049705 - GS47

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:25:11

Point Information

	Reference: IGM049705	**Rover: GS47**
Receiver type / S/N:	GS14 / 2871642	Unknown / -
Antenna type / S/N:	GS14 Pole / -	GS16 Pole / -
Antenna height:	1.0980 m	1.3080 m
Initial coordinates:		
Latitude:	45° 27' 30.32560" N	45° 28' 43.87809" N
Longitude:	11° 23' 23.18520" E	11° 25' 43.18994" E
Ellip. Hgt:	106.1310 m	96.0146 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049705	Rover:GS47
Coordinates:		
Latitude:	45° 27' 30.32560" N	45° 28' 43.87817" N
Longitude:	11° 23' 23.18520" E	11° 25' 43.18990" E
Ellip. Hgt:	106.1310 m	96.0287 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0001 m	Sd. Lon: 0.0001 m	Sd. Hgt: 0.0001 m
	Posn. Qlty: 0.0001 m	Sd. Slope: 0.0001 m	

Processing Errors and Warnings

Error Orbit:	No valid ephemeris for satellite coordinate calculation G04 between 11/23/2020 07:59:42 and 11/23/2020 08:59:42.

Results - Baseline
IGM049705 - GS48

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Application software:	LEICA Geo Office 8.4
Processing kernel:	PSI-Pro 4.0
Processed:	12/14/2020 15:54:58

Point Information

	Reference: IGM049705	**Rover: GS48**
Receiver type / S/N:	GS14 / 2871642	TOPCON / 8
Antenna type / S/N:	GS14 Pole / -	GR3 / -
Antenna height:	1.0980 m	1.5490 m
Initial coordinates:		
Latitude:	45° 27' 30.32560" N	45° 28' 55.22790" N
Longitude:	11° 23' 23.18520" E	11° 25' 56.42068" E
Ellip. Hgt:	106.1310 m	96.0242 m

Processing Parameters

Parameters	**Selected**	**Used**	**Comment**
Cut-off angle:	15°	15°	
Ephemeris type (GPS):	Broadcast	Broadcast	
Ephemeris type (GLONASS):	Broadcast	Broadcast	
Solution type:	Automatic	Phase: all fix	
GNSS type:	Automatic	GPS / GLONASS	
Frequency:	Automatic	L1 and L2	
Fix ambiguities up to:	80 km	80 km	
Min. duration for float solution (static):	5' 00"	5' 00"	
Sampling rate:	Use all	10	
Tropospheric model:	Hopfield	Hopfield	
Ionospheric model:	Automatic	Computed	
Use stochastic modelling:	Yes	Yes	
Min. distance:	8 km	8 km	
Ionospheric activity:	Automatic	Automatic	

Satellite Selection

Manually disabled GPS satellites (PRNs):	None
Manually disabled GLONASS satellites (Slot Id):	None
Manually disabled Galileo	

satellites:	None
Manually disabled Beidou satellites:	None

Final Coordinates

	Reference:IGM049705	Rover:GS48
Coordinates:		
Latitude:	45° 27' 30.32560" N	45° 28' 55.22797" N
Longitude:	11° 23' 23.18520" E	11° 25' 56.42043" E
Ellip. Hgt:	106.1310 m	96.0604 m

Solution type:	Phase: all fix		
GNSS type:	GPS / GLONASS		
Frequency:	L1 and L2		
Ambiguity:	Yes		
Quality:	Sd. Lat: 0.0002 m	Sd. Lon: 0.0002 m	Sd. Hgt: 0.0005 m
	Posn. Qlty: 0.0003 m	Sd. Slope: 0.0002 m	

Network Adjustment

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Created: 12/30/2020 16:03:29

Project Information

Project name:	IRICAV2-RAFF-ELAB-COMP
Date created:	11/01/2020 19:19:12
Time zone:	1h 00'
Coordinate system name:	VR-PD
Projection:	VR-PD
Projection type:	Lambert
Application software:	LEICA Geo Office 8.4
Processing kernel:	MOVE3 4.1

General Information

Adjustment

Type:	Constrained		
Dimension:	3D		
Coordinate system:	WGS 1984		
Height mode:	Ellipsoidal		
Number of iterations:	1		
Maximum coord correction in last iteration:	0.0000 m	✔	(tolerance is met)

Stations

Number of (partly) known stations:	15
Number of unknown stations:	64
Total:	79

Observations

GPS coordinate differences:	648 (216 baselines)
Known coordinates:	45
Total:	693

Unknowns

Coordinates:	237
Total:	237
Degrees of freedom:	456

Testing

Alfa (multi dimensional):	0.7219		
Alfa 0 (one dimensional):	5.0 %		
Beta:	80.0 %		
Sigma a-priori (GPS):	10.0		
Critical value W-test:	1.96		
Critical value T-test (2-dimensional):	2.42		
Critical value T-test (3-dimensional):	1.89		
Critical value F-test:	0.96		
F-test:	20.22	⚠	(rejected)

Results based on a-posteriori variance factor

Adjustment Results

Coordinates

Station	Coordinate	Corr	Sd

CS01	Latitude	45° 24' 17.80601" N	0.0000 m	-	fixed
	Longitude	11° 05' 10.92742" E	0.0000 m	-	fixed
	Height	90.6348 m	0.0000 m	-	fixed
CS05	Latitude	45° 29' 56.66569" N	0.0000 m	-	fixed
	Longitude	11° 30' 19.95641" E	0.0000 m	-	fixed
	Height	77.1105 m	0.0000 m	-	fixed
CS06	Latitude	45° 32' 29.46702" N	0.0000 m	-	fixed
	Longitude	11° 29' 12.67187" E	0.0000 m	-	fixed
	Height	81.0419 m	0.0000 m	-	fixed
GS01	Latitude	45° 26' 10.89743" N	-0.0001 m	0.0053 m	
	Longitude	11° 01' 26.69501" E	0.0001 m	0.0042 m	
	Height	101.6186 m	-0.0004 m	0.0134 m	
GS02	Latitude	45° 26' 12.13947" N	0.0001 m	0.0028 m	
	Longitude	11° 01' 38.53410" E	-0.0001 m	0.0022 m	
	Height	101.7852 m	-0.0009 m	0.0061 m	
GS03	Latitude	45° 25' 39.42451" N	-0.0015 m	0.0041 m	
	Longitude	11° 02' 49.19844" E	-0.0002 m	0.0030 m	
	Height	94.5499 m	-0.0024 m	0.0086 m	
GS04	Latitude	45° 25' 35.60522" N	0.0010 m	0.0027 m	
	Longitude	11° 02' 57.54116" E	0.0009 m	0.0020 m	
	Height	95.8672 m	0.0037 m	0.0056 m	
GS05	Latitude	45° 25' 24.52637" N	-0.0007 m	0.0027 m	
	Longitude	11° 03' 43.77289" E	-0.0006 m	0.0019 m	
	Height	97.7455 m	-0.0022 m	0.0054 m	
GS06	Latitude	45° 25' 22.85581" N	0.0000 m	0.0020 m	
	Longitude	11° 03' 57.51465" E	0.0001 m	0.0015 m	
	Height	97.3997 m	-0.0003 m	0.0043 m	
GS07	Latitude	45° 25' 12.91428" N	-0.0010 m	0.0018 m	
	Longitude	11° 04' 29.72226" E	-0.0004 m	0.0015 m	
	Height	93.6936 m	-0.0018 m	0.0043 m	
GS08	Latitude	45° 25' 11.15247" N	0.0008 m	0.0034 m	
	Longitude	11° 04' 39.83632" E	0.0005 m	0.0028 m	
	Height	94.0278 m	-0.0093 m	0.0079 m	
GS09	Latitude	45° 24' 22.10879" N	-0.0054 m	0.0031 m	
	Longitude	11° 05' 28.78272" E	0.0007 m	0.0028 m	
	Height	90.8648 m	-0.0166 m	0.0071 m	
GS10	Latitude	45° 24' 34.91466" N	-0.0030 m	0.0019 m	
	Longitude	11° 05' 39.16294" E	0.0003 m	0.0017 m	
	Height	89.9393 m	-0.0065 m	0.0040 m	
GS11	Latitude	45° 24' 12.23690" N	-0.0004 m	0.0015 m	
	Longitude	11° 06' 10.97024" E	0.0002 m	0.0012 m	
	Height	88.2383 m	-0.0011 m	0.0033 m	
GS12	Latitude	45° 24' 16.95050" N	-0.0003 m	0.0013 m	
	Longitude	11° 06' 19.78923" E	0.0005 m	0.0011 m	
	Height	87.7232 m	0.0002 m	0.0028 m	
GS13	Latitude	45° 23' 54.28159" N	0.0006 m	0.0019 m	
	Longitude	11° 06' 59.58625" E	-0.0009 m	0.0014 m	
	Height	75.9402 m	-0.0006 m	0.0044 m	
GS14	Latitude	45° 23' 56.49393" N	-0.0001 m	0.0021 m	
	Longitude	11° 07' 30.41633" E	0.0006 m	0.0016 m	
	Height	75.2986 m	0.0081 m	0.0044 m	
GS15	Latitude	45° 23' 50.74151" N	-0.0008 m	0.0020 m	
	Longitude	11° 09' 23.11262" E	0.0001 m	0.0017 m	
	Height	73.6414 m	-0.0081 m	0.0044 m	
GS16	Latitude	45° 23' 39.04950" N	-0.0006 m	0.0018 m	
	Longitude	11° 09' 50.41019" E	0.0004 m	0.0015 m	
	Height	73.0375 m	-0.0028 m	0.0039 m	
GS17	Latitude	45° 23' 48.76338" N	-0.0008 m	0.0018 m	
	Longitude	11° 10' 34.97209" E	0.0005 m	0.0016 m	
	Height	71.1648 m	-0.0034 m	0.0039 m	
GS18	Latitude	45° 23' 57.42994" N	-0.0011 m	0.0016 m	
	Longitude	11° 10' 16.82762" E	0.0006 m	0.0014 m	
	Height	71.4437 m	-0.0079 m	0.0036 m	
GS19	Latitude	45° 23' 48.18240" N	-0.0005 m	0.0019 m	
	Longitude	11° 11' 44.05866" E	0.0001 m	0.0014 m	
	Height	70.0935 m	-0.0003 m	0.0038 m	
GS20	Latitude	45° 23' 38.05007" N	-0.0018 m	0.0017 m	
	Longitude	11° 11' 38.42469" E	0.0003 m	0.0014 m	
	Height	68.6248 m	0.0020 m	0.0037 m	
GS21	Latitude	45° 23' 30.85175" N	0.0003 m	0.0025 m	
	Longitude	11° 12' 59.32718" E	-0.0005 m	0.0020 m	
	Height	70.3061 m	0.0007 m	0.0053 m	

	Latitude	45° 23' 40.10490" N	-0.0006 m	0.0019 m
	Longitude	11° 12' 50.06341" E	0.0004 m	0.0014 m
	Height	70.4768 m	0.0052 m	0.0041 m
GS23	Latitude	45° 23' 26.09047" N	-0.0017 m	0.0016 m
	Longitude	11° 13' 51.57884" E	-0.0001 m	0.0013 m
	Height	68.6956 m	-0.0024 m	0.0034 m
GS24	Latitude	45° 23' 23.02586" N	-0.0012 m	0.0019 m
	Longitude	11° 14' 02.44438" E	0.0006 m	0.0015 m
	Height	68.0688 m	-0.0027 m	0.0040 m
GS25	Latitude	45° 23' 27.53576" N	-0.0008 m	0.0017 m
	Longitude	11° 14' 03.96155" E	-0.0005 m	0.0013 m
	Height	67.2946 m	0.0101 m	0.0035 m
GS26	Latitude	45° 23' 22.91155" N	0.0000 m	0.0026 m
	Longitude	11° 14' 39.66929" E	-0.0004 m	0.0021 m
	Height	67.9189 m	0.0002 m	0.0056 m
GS27	Latitude	45° 23' 08.63247" N	0.0014 m	0.0032 m
	Longitude	11° 15' 47.86149" E	-0.0003 m	0.0024 m
	Height	67.9839 m	-0.0095 m	0.0067 m
GS28	Latitude	45° 23' 22.07961" N	0.0003 m	0.0026 m
	Longitude	11° 15' 51.88453" E	0.0017 m	0.0021 m
	Height	68.4538 m	-0.0218 m	0.0056 m
GS29	Latitude	45° 23' 05.65294" N	-0.0023 m	0.0021 m
	Longitude	11° 16' 54.66823" E	0.0014 m	0.0017 m
	Height	72.6256 m	-0.0145 m	0.0045 m
GS30	Latitude	45° 23' 20.53181" N	-0.0024 m	0.0024 m
	Longitude	11° 16' 50.19684" E	0.0009 m	0.0020 m
	Height	72.9977 m	-0.0088 m	0.0052 m
GS31	Latitude	45° 23' 24.55630" N	-0.0029 m	0.0025 m
	Longitude	11° 17' 49.15998" E	0.0023 m	0.0019 m
	Height	73.0539 m	-0.0193 m	0.0054 m
GS32	Latitude	45° 23' 21.41629" N	-0.0019 m	0.0026 m
	Longitude	11° 18' 02.13871" E	0.0000 m	0.0019 m
	Height	73.5725 m	0.0075 m	0.0054 m
GS33	Latitude	45° 23' 33.59030" N	-0.0011 m	0.0027 m
	Longitude	11° 18' 18.96298" E	0.0000 m	0.0021 m
	Height	74.6832 m	0.0035 m	0.0058 m
GS34	Latitude	45° 23' 29.86098" N	-0.0001 m	0.0019 m
	Longitude	11° 18' 29.81885" E	0.0001 m	0.0016 m
	Height	73.7917 m	-0.0007 m	0.0042 m
GS35	Latitude	45° 23' 56.82342" N	-0.0002 m	0.0025 m
	Longitude	11° 19' 21.05174" E	-0.0010 m	0.0019 m
	Height	73.7618 m	0.0185 m	0.0053 m
GS36	Latitude	45° 23' 56.52371" N	-0.0007 m	0.0026 m
	Longitude	11° 19' 07.48719" E	-0.0006 m	0.0021 m
	Height	74.0403 m	0.0104 m	0.0056 m
GS37	Latitude	45° 24' 17.29004" N	0.0025 m	0.0027 m
	Longitude	11° 20' 08.14884" E	-0.0007 m	0.0019 m
	Height	74.6405 m	-0.0125 m	0.0044 m
GS38	Latitude	45° 24' 30.25275" N	0.0017 m	0.0030 m
	Longitude	11° 20' 08.39833" E	-0.0007 m	0.0021 m
	Height	77.7670 m	-0.0105 m	0.0058 m
GS39	Latitude	45° 24' 36.09021" N	0.0025 m	0.0029 m
	Longitude	11° 21' 37.55848" E	0.0001 m	0.0017 m
	Height	75.7643 m	-0.0009 m	0.0038 m
GS40	Latitude	45° 24' 28.24850" N	0.0013 m	0.0036 m
	Longitude	11° 21' 54.03139" E	0.0001 m	0.0021 m
	Height	74.9626 m	-0.0009 m	0.0046 m
GS41	Latitude	45° 25' 54.92847" N	0.0024 m	0.0021 m
	Longitude	11° 22' 09.65452" E	-0.0010 m	0.0016 m
	Height	82.4077 m	0.0003 m	0.0046 m
GS42	Latitude	45° 25' 47.38283" N	0.0015 m	0.0042 m
	Longitude	11° 22' 16.74180" E	-0.0005 m	0.0031 m
	Height	83.0083 m	-0.0003 m	0.0087 m
GS43	Latitude	45° 26' 56.37825" N	-0.0009 m	0.0030 m
	Longitude	11° 23' 34.67883" E	0.0014 m	0.0024 m
	Height	94.2437 m	-0.0080 m	0.0066 m
GS44	Latitude	45° 26' 50.66784" N	0.0003 m	0.0020 m
	Longitude	11° 23' 53.25817" E	0.0002 m	0.0016 m
	Height	100.6434 m	-0.0019 m	0.0044 m
GS45	Latitude	45° 27' 29.62851" N	0.0003 m	0.0019 m
	Longitude	11° 25' 01.16186" E	0.0000 m	0.0015 m
	Height	93.1684 m	0.0003 m	0.0042 m

	Latitude	45° 27' 21.59147" N	0.0003 m	0.0018 m	
	Longitude	11° 25' 15.02804" E	-0.0001 m	0.0014 m	
	Height	92.3818 m	0.0013 m	0.0040 m	
GS47	Latitude	45° 28' 43.87815" N	0.0005 m	0.0024 m	
	Longitude	11° 25' 43.18993" E	0.0001 m	0.0017 m	
	Height	96.0254 m	0.0006 m	0.0050 m	
GS48	Latitude	45° 28' 55.22798" N	0.0025 m	0.0042 m	
	Longitude	11° 25' 56.42070" E	0.0003 m	0.0032 m	
	Height	96.0431 m	0.0189 m	0.0096 m	
GS49	Latitude	45° 30' 05.59845" N	-0.0032 m	0.0046 m	
	Longitude	11° 26' 46.51435" E	-0.0001 m	0.0033 m	
	Height	97.7750 m	0.0014 m	0.0085 m	
GS50	Latitude	45° 30' 11.50740" N	-0.0004 m	0.0028 m	
	Longitude	11° 26' 51.78517" E	0.0011 m	0.0022 m	
	Height	96.3650 m	-0.0027 m	0.0061 m	
GS51	Latitude	45° 30' 42.86055" N	0.0000 m	0.0025 m	
	Longitude	11° 27' 20.26588" E	0.0010 m	0.0020 m	
	Height	92.5211 m	-0.0009 m	0.0056 m	
GS52	Latitude	45° 30' 33.60452" N	-0.0006 m	0.0028 m	
	Longitude	11° 27' 23.43924" E	0.0007 m	0.0022 m	
	Height	91.7607 m	-0.0034 m	0.0065 m	
GS53	Latitude	45° 30' 49.04942" N	-0.0006 m	0.0030 m	
	Longitude	11° 27' 43.69065" E	0.0002 m	0.0022 m	
	Height	89.2975 m	-0.0009 m	0.0063 m	
GS54	Latitude	45° 30' 51.15870" N	0.0000 m	0.0041 m	
	Longitude	11° 28' 00.84463" E	-0.0002 m	0.0030 m	
	Height	87.4890 m	-0.0007 m	0.0084 m	
GS55	Latitude	45° 31' 17.05734" N	0.0001 m	0.0023 m	
	Longitude	11° 29' 14.27448" E	0.0001 m	0.0017 m	
	Height	80.2972 m	-0.0003 m	0.0049 m	
GS56	Latitude	45° 31' 19.19745" N	-0.0001 m	0.0027 m	
	Longitude	11° 29' 25.75942" E	0.0001 m	0.0019 m	
	Height	80.3005 m	-0.0005 m	0.0055 m	
IC01	Latitude	45° 27' 19.17483" N	0.0000 m	-	fixed
	Longitude	11° 02' 07.51671" E	0.0000 m	-	fixed
	Height	112.1803 m	0.0000 m	-	fixed
IC02	Latitude	45° 25' 26.33800" N	0.0000 m	-	fixed
	Longitude	11° 01' 25.22018" E	0.0000 m	-	fixed
	Height	97.0632 m	0.0000 m	-	fixed
IC03	Latitude	45° 22' 08.91289" N	0.0000 m	-	fixed
	Longitude	11° 11' 27.31372" E	0.0000 m	-	fixed
	Height	76.8226 m	0.0000 m	-	fixed
IC04	Latitude	45° 22' 05.28811" N	0.0000 m	-	fixed
	Longitude	11° 18' 24.31719" E	0.0000 m	-	fixed
	Height	73.5623 m	0.0000 m	-	fixed
IC05	Latitude	45° 24' 31.60656" N	0.0000 m	-	fixed
	Longitude	11° 16' 59.01755" E	0.0000 m	-	fixed
	Height	78.3394 m	0.0000 m	-	fixed
IC06	Latitude	45° 24' 05.75653" N	0.0000 m	-	fixed
	Longitude	11° 22' 12.67525" E	0.0000 m	-	fixed
	Height	73.8659 m	0.0000 m	-	fixed
IC07	Latitude	45° 26' 19.22623" N	0.0000 m	-	fixed
	Longitude	11° 21' 07.32497" E	0.0000 m	-	fixed
	Height	84.2422 m	0.0000 m	-	fixed
IC08	Latitude	45° 27' 17.59014" N	0.0000 m	-	fixed
	Longitude	11° 25' 41.61793" E	0.0000 m	-	fixed
	Height	89.1136 m	0.0000 m	-	fixed
IC09	Latitude	45° 30' 40.56836" N	0.0000 m	-	fixed
	Longitude	11° 25' 24.19473" E	0.0000 m	-	fixed
	Height	107.2977 m	0.0000 m	-	fixed
IGM049702	Latitude	45° 25' 10.18210" N	0.0000 m	-	fixed
	Longitude	11° 08' 08.18380" E	0.0000 m	-	fixed
	Height	91.5820 m	0.0000 m	-	fixed
IGM049703	Latitude	45° 24' 36.28480" N	0.0000 m	-	fixed
	Longitude	11° 12' 51.18740" E	0.0000 m	-	fixed
	Height	76.5770 m	0.0000 m	-	fixed
IGM049705	Latitude	45° 27' 30.32560" N	0.0000 m	-	fixed
	Longitude	11° 23' 23.18520" E	0.0000 m	-	fixed
	Height	106.1310 m	0.0000 m	-	fixed
RL05	Latitude	45° 25' 07.67716" N	-0.0009 m	0.0026 m	
	Longitude	11° 04' 36.78208" E	0.0001 m	0.0022 m	
	Height	94.3751 m	-0.0035 m	0.0062 m	

	Latitude	45° 24' 11.77102" N	-0.0001 m	0.0022 m
	Longitude	11° 07' 32.02219" E	0.0004 m	0.0017 m
	Height	76.6612 m	0.0021 m	0.0046 m
RL14	Latitude	45° 23' 40.50321" N	-0.0006 m	0.0026 m
	Longitude	11° 09' 26.04651" E	0.0018 m	0.0022 m
	Height	73.3612 m	0.0189 m	0.0057 m
RL17	Latitude	45° 23' 39.69710" N	-0.0011 m	0.0021 m
	Longitude	11° 10' 55.86746" E	0.0001 m	0.0016 m
	Height	71.1818 m	0.0006 m	0.0045 m
RL18	Latitude	45° 23' 34.41811" N	-0.0004 m	0.0018 m
	Longitude	11° 11' 52.54162" E	0.0003 m	0.0016 m
	Height	69.8045 m	0.0000 m	0.0039 m
RL19	Latitude	45° 23' 26.65473" N	-0.0003 m	0.0022 m
	Longitude	11° 12' 44.49837" E	0.0002 m	0.0017 m
	Height	69.6544 m	0.0013 m	0.0048 m
RL21	Latitude	45° 23' 17.78903" N	0.0013 m	0.0026 m
	Longitude	11° 14' 25.53213" E	-0.0003 m	0.0019 m
	Height	67.6149 m	-0.0013 m	0.0056 m
RL22	Latitude	45° 23' 18.64437" N	0.0070 m	0.0021 m
	Longitude	11° 14' 48.47283" E	-0.0024 m	0.0018 m
	Height	68.0687 m	-0.0158 m	0.0045 m

Observations and Residuals

	Station	Target	Adj obs	Resid	Resid (ENH)	Sd
DX	GS02	GS03	407.1856 m	0.0072 m	0.0007 m	0.0079 m
DY			1644.3986 m	0.0021 m	-0.0015 m	0.0036 m
DZ			-713.9260 m	0.0054 m	0.0091 m	0.0075 m
DX	GS01	GS02	-75.9145 m	0.0000 m	-0.0001 m	0.0109 m
DY			247.3737 m	0.0000 m	0.0002 m	0.0047 m
DZ			27.0254 m	0.0003 m	0.0003 m	0.0096 m
DX	GS04	GS05	47.6793 m	-0.0023 m	0.0001 m	0.0053 m
DY			1033.3857 m	-0.0003 m	-0.0016 m	0.0026 m
DZ			-238.7159 m	-0.0046 m	-0.0048 m	0.0054 m
DX	GS03	GS04	48.5911 m	0.0045 m	0.0012 m	0.0072 m
DY			194.2737 m	0.0021 m	0.0013 m	0.0034 m
DZ			-81.8142 m	0.0067 m	0.0082 m	0.0071 m
DX	GS05	GS06	-21.5160 m	0.0003 m	0.0013 m	0.0046 m
DY			300.2020 m	0.0014 m	-0.0011 m	0.0023 m
DZ			-36.4449 m	-0.0011 m	-0.0004 m	0.0049 m
DX	GS07	RL05	83.9989 m	0.0024 m	0.0011 m	0.0047 m
DY			172.8495 m	0.0016 m	0.0019 m	0.0022 m
DZ			-113.0021 m	0.0053 m	0.0056 m	0.0046 m
DX	GS07	GS08	-3.9954 m	-0.0061 m	0.0012 m	0.0062 m
DY			223.2876 m	0.0000 m	0.0030 m	0.0028 m
DZ			-37.9397 m	-0.0019 m	-0.0056 m	0.0057 m
DX	GS06	GS07	77.5422 m	0.0006 m	0.0007 m	0.0042 m
DY			728.6741 m	0.0008 m	-0.0009 m	0.0020 m
DZ			-218.0634 m	-0.0006 m	0.0001 m	0.0040 m
DX	IC02	GS06	-558.9062 m	-0.0031 m	0.0007 m	0.0034 m
DY			3264.3146 m	0.0001 m	0.0006 m	0.0016 m
DZ			-75.2136 m	-0.0023 m	-0.0038 m	0.0032 m
DX	IC02	GS05	-537.3902 m	-0.0008 m	-0.0006 m	0.0041 m
DY			2964.1127 m	-0.0007 m	-0.0001 m	0.0020 m
DZ			-38.7687 m	-0.0011 m	-0.0014 m	0.0044 m
DX	IC02	GS04	-585.0695 m	-0.0032 m	-0.0014 m	0.0043 m
DY			1930.7270 m	-0.0020 m	-0.0023 m	0.0021 m
DZ			199.9472 m	-0.0068 m	-0.0073 m	0.0045 m
DX	IC02	GS03	-633.6606 m	-0.0015 m	-0.0020 m	0.0068 m
DY			1736.4533 m	-0.0023 m	0.0023 m	0.0032 m
DZ			281.7614 m	0.0014 m	-0.0004 m	0.0066 m
DX	IC02	GS02	-1040.8462 m	0.0011 m	-0.0006 m	0.0050 m
DY			92.0547 m	-0.0004 m	-0.0003 m	0.0023 m
DZ			995.6873 m	0.0006 m	0.0011 m	0.0046 m
DX	IC02	GS01	-964.9317 m	0.0013 m	-0.0007 m	0.0107 m
DY			-155.3190 m	-0.0005 m	-0.0004 m	0.0046 m
DZ			968.6620 m	0.0007 m	0.0013 m	0.0094 m
DX	IC01	GS06	2042.8075 m	0.0044 m	0.0025 m	0.0034 m
DY			2834.8520 m	0.0034 m	0.0003 m	0.0016 m
DZ			-2530.2826 m	0.0056 m	0.0075 m	0.0032 m
DX	IC01	GS05	2064.3235 m	0.0036 m	0.0024 m	0.0041 m
DY			2534.6500 m	0.0032 m	0.0022 m	0.0020 m

DZ			-2493.8377 m	0.0074 m	0.0081 m	0.0044 m
DX	IC01	GS04	2016.6442 m	0.0057 m	0.0047 m	0.0043 m
DY			1501.2643 m	0.0059 m	0.0016 m	0.0021 m
DZ			-2255.1218 m	0.0091 m	0.0112 m	0.0045 m
DX	IC01	GS03	1968.0531 m	0.0035 m	0.0035 m	0.0068 m
DY			1306.9906 m	0.0043 m	0.0005 m	0.0032 m
DZ			-2173.3076 m	0.0050 m	0.0065 m	0.0066 m
DX	IC01	GS02	1560.8675 m	-0.0002 m	0.0017 m	0.0050 m
DY			-337.4080 m	0.0017 m	0.0002 m	0.0023 m
DZ			-1459.3817 m	0.0004 m	0.0004 m	0.0046 m
DX	IC01	GS01	1636.7820 m	-0.0019 m	0.0014 m	0.0107 m
DY			-584.7817 m	0.0011 m	0.0010 m	0.0046 m
DZ			-1486.4070 m	-0.0003 m	-0.0014 m	0.0094 m
DX	GS08	RL05	87.9943 m	-0.0013 m	0.0008 m	0.0067 m
DY			-50.4381 m	0.0006 m	0.0033 m	0.0031 m
DZ			-75.0625 m	0.0035 m	0.0017 m	0.0063 m
DX	GS55	GS54	881.1141 m	0.0032 m	-0.0012 m	0.0071 m
DY			-1447.3421 m	-0.0006 m	-0.0023 m	0.0033 m
DZ			-555.1194 m	-0.0003 m	0.0019 m	0.0068 m
DX	GS56	GS55	95.8420 m	0.0000 m	-0.0002 m	0.0051 m
DY			-234.8684 m	-0.0002 m	0.0009 m	0.0022 m
DZ			-46.2949 m	0.0012 m	0.0008 m	0.0047 m
DX	GS53	GS54	-120.7792 m	-0.0028 m	0.0000 m	0.0075 m
DY			355.4214 m	-0.0006 m	0.0048 m	0.0036 m
DZ			44.3419 m	0.0040 m	0.0009 m	0.0076 m
DX	GS52	GS53	-422.4126 m	-0.0001 m	0.0015 m	0.0059 m
DY			362.8990 m	0.0015 m	0.0004 m	0.0029 m
DZ			332.3913 m	0.0008 m	0.0007 m	0.0061 m
DX	GS51	GS52	185.5927 m	0.0004 m	-0.0008 m	0.0055 m
DY			107.8947 m	-0.0007 m	-0.0004 m	0.0026 m
DZ			-200.7987 m	-0.0003 m	-0.0001 m	0.0055 m
DX	GS50	GS51	-802.1390 m	0.0039 m	-0.0022 m	0.0052 m
DY			468.3244 m	-0.0015 m	-0.0005 m	0.0026 m
DZ			675.6265 m	0.0029 m	0.0046 m	0.0051 m
DX	GS49	GS50	-151.2122 m	0.0036 m	-0.0008 m	0.0071 m
DY			86.1331 m	-0.0001 m	-0.0015 m	0.0035 m
DZ			126.8544 m	0.0014 m	0.0035 m	0.0078 m
DX	GS48	GS49	-1733.1190 m	-0.0028 m	-0.0043 m	0.0089 m
DY			759.0868 m	-0.0049 m	0.0036 m	0.0042 m
DZ			1524.2198 m	0.0013 m	-0.0016 m	0.0098 m
DX	GS47	GS48	-301.8210 m	-0.0009 m	-0.0004 m	0.0079 m
DY			232.1410 m	-0.0005 m	-0.0044 m	0.0036 m
DZ			245.6990 m	-0.0073 m	-0.0058 m	0.0084 m
DX	GS46	GS47	-1893.7440 m	-0.0056 m	0.0000 m	0.0044 m
DY			241.4420 m	-0.0012 m	-0.0014 m	0.0021 m
DZ			1784.2389 m	-0.0078 m	-0.0096 m	0.0043 m
DX	GS45	GS46	113.1580 m	-0.0003 m	-0.0001 m	0.0027 m
DY			330.2149 m	-0.0001 m	-0.0001 m	0.0013 m
DZ			-174.6072 m	-0.0005 m	-0.0006 m	0.0028 m
DX	GS44	GS45	-1137.2590 m	0.0005 m	0.0001 m	0.0041 m
DY			1275.7488 m	0.0002 m	-0.0012 m	0.0019 m
DZ			838.4520 m	-0.0011 m	-0.0004 m	0.0041 m
DX	GS43	GS44	47.7843 m	-0.0003 m	0.0041 m	0.0055 m
DY			421.4944 m	0.0041 m	-0.0039 m	0.0026 m
DZ			-119.1211 m	-0.0051 m	-0.0033 m	0.0054 m
DX	GS41	GS42	132.7410 m	0.0036 m	0.0003 m	0.0068 m
DY			183.8369 m	0.0010 m	-0.0033 m	0.0031 m
DZ			-163.0522 m	-0.0010 m	0.0019 m	0.0066 m
DX	GS40	GS42	-1797.7542 m	-0.0011 m	0.0032 m	0.0073 m
DY			142.1998 m	0.0030 m	0.0026 m	0.0036 m
DZ			1720.5761 m	0.0032 m	0.0019 m	0.0078 m
DX	GS39	GS40	97.8967 m	0.0007 m	0.0006 m	0.0042 m
DY			385.0512 m	0.0007 m	0.0009 m	0.0024 m
DZ			-170.5307 m	0.0021 m	0.0021 m	0.0052 m
DX	GS38	GS39	-508.7137 m	0.0086 m	0.0014 m	0.0052 m
DY			1875.4152 m	0.0032 m	-0.0016 m	0.0024 m
DZ			125.0933 m	0.0069 m	0.0113 m	0.0050 m
DX	GS37	GS38	-278.3341 m	0.0008 m	0.0013 m	0.0054 m
DY			-50.2631 m	0.0015 m	0.0009 m	0.0026 m
DZ			283.1893 m	0.0023 m	0.0023 m	0.0052 m
DX	GS35	GS37	-641.7562 m	0.0125 m	-0.0003 m	0.0053 m
DY			916.0707 m	0.0022 m	-0.0039 m	0.0026 m

			444.2693 m	0.0074 m	0.0142 m	0.0051 m
DX	GS36	GS35	-64.5644 m	-0.0011 m	0.0008 m	0.0056 m
DY			287.9517 m	0.0006 m	-0.0003 m	0.0026 m
DZ			6.2987 m	-0.0014 m	-0.0017 m	0.0051 m
DX	GS34	GS36	-735.2267 m	0.0045 m	-0.0002 m	0.0049 m
DY			688.4677 m	0.0007 m	-0.0006 m	0.0023 m
DZ			578.1977 m	0.0038 m	0.0059 m	0.0045 m
DX	GS33	GS34	33.4640 m	-0.0055 m	-0.0006 m	0.0051 m
DY			247.5041 m	-0.0017 m	0.0020 m	0.0024 m
DZ			-81.4870 m	-0.0030 m	-0.0061 m	0.0049 m
DX	GS31	GS32	12.7156 m	0.0022 m	-0.0005 m	0.0058 m
DY			290.4489 m	-0.0001 m	0.0010 m	0.0026 m
DZ			-67.7096 m	0.0035 m	0.0039 m	0.0054 m
DX	GS30	GS31	-337.7823 m	-0.0109 m	0.0000 m	0.0053 m
DY			1240.5156 m	-0.0022 m	0.0006 m	0.0025 m
DZ			87.2954 m	-0.0103 m	-0.0152 m	0.0050 m
DX	GS29	GS31	-639.1725 m	0.0175 m	-0.0019 m	0.0049 m
DY			1081.2065 m	0.0015 m	0.0005 m	0.0023 m
DZ			410.1660 m	0.0184 m	0.0253 m	0.0046 m
DX	GS29	GS30	-301.3902 m	-0.0106 m	0.0008 m	0.0046 m
DY			-159.3091 m	-0.0013 m	-0.0006 m	0.0023 m
DZ			322.8706 m	-0.0116 m	-0.0157 m	0.0046 m
DX	GS29	GS27	216.6869 m	-0.0121 m	0.0018 m	0.0059 m
DY			-1438.7692 m	-0.0006 m	-0.0011 m	0.0028 m
DZ			61.3001 m	-0.0137 m	-0.0182 m	0.0056 m
DX	GS28	GS29	89.9224 m	0.0129 m	-0.0009 m	0.0052 m
DY			1410.5988 m	0.0017 m	0.0017 m	0.0025 m
DZ			-353.1940 m	0.0156 m	0.0202 m	0.0049 m
DX	GS28	GS27	306.6094 m	0.0017 m	-0.0012 m	0.0067 m
DY			-28.1704 m	-0.0009 m	0.0029 m	0.0031 m
DZ			-291.8939 m	0.0056 m	0.0050 m	0.0062 m
DX	GS28	GS26	288.2864 m	0.0108 m	-0.0020 m	0.0061 m
DY			-1544.3463 m	0.0001 m	0.0006 m	0.0029 m
DZ			17.6567 m	0.0116 m	0.0157 m	0.0057 m
DX	RL22	GS27	-36.4163 m	0.0063 m	0.0019 m	0.0059 m
DY			1310.0363 m	0.0032 m	-0.0012 m	0.0028 m
DZ			-217.1392 m	0.0052 m	0.0085 m	0.0056 m
DX	RL21	GS26	-170.1683 m	0.0018 m	0.0017 m	0.0060 m
DY			279.7233 m	0.0021 m	-0.0034 m	0.0028 m
DZ			111.2797 m	-0.0027 m	-0.0004 m	0.0057 m
DX	GS24	GS25	-104.1836 m	0.0021 m	-0.0012 m	0.0034 m
DY			12.9541 m	-0.0008 m	0.0007 m	0.0016 m
DZ			97.2273 m	0.0029 m	0.0034 m	0.0032 m
DX	GS25	GS26	-51.2818 m	-0.0048 m	0.0033 m	0.0049 m
DY			781.7446 m	0.0024 m	0.0010 m	0.0024 m
DZ			-99.8123 m	-0.0029 m	-0.0050 m	0.0046 m
DX	GS23	GS25	-84.5912 m	-0.0051 m	0.0013 m	0.0030 m
DY			257.8189 m	0.0004 m	-0.0004 m	0.0014 m
DZ			30.3375 m	-0.0055 m	-0.0073 m	0.0028 m
DX	GS23	GS24	19.5924 m	0.0004 m	-0.0015 m	0.0032 m
DY			244.8648 m	-0.0014 m	0.0007 m	0.0016 m
DZ			-66.8898 m	0.0011 m	0.0009 m	0.0030 m
DX	GS22	GS23	40.4914 m	-0.0043 m	-0.0004 m	0.0037 m
DY			1372.2067 m	-0.0013 m	0.0023 m	0.0017 m
DZ			-305.1013 m	-0.0012 m	-0.0040 m	0.0035 m
DX	GS22	GS21	160.1859 m	0.0066 m	0.0011 m	0.0048 m
DY			237.1888 m	0.0024 m	-0.0017 m	0.0023 m
DZ			-200.7278 m	0.0046 m	0.0081 m	0.0046 m
DX	RL18	RL19	-52.3453 m	0.0019 m	-0.0011 m	0.0043 m
DY			1141.7744 m	-0.0007 m	-0.0008 m	0.0021 m
DZ			-168.4192 m	0.0006 m	0.0016 m	0.0040 m
DX	GS19	RL18	260.7528 m	-0.0016 m	-0.0012 m	0.0039 m
DY			239.7098 m	-0.0016 m	0.0016 m	0.0019 m
DZ			-298.6040 m	0.0003 m	-0.0011 m	0.0037 m
DX	GS19	RL17	387.1115 m	0.0052 m	-0.0005 m	0.0042 m
DY			-991.9404 m	0.0005 m	-0.0017 m	0.0019 m
DZ			-183.1770 m	0.0028 m	0.0057 m	0.0039 m
DX	GS20	RL18	19.5000 m	-0.0002 m	-0.0001 m	0.0038 m
DY			316.8846 m	-0.0001 m	-0.0013 m	0.0019 m
DZ			-77.8999 m	-0.0021 m	-0.0016 m	0.0036 m
DX	GS17	RL17	107.3933 m	-0.0002 m	-0.0006 m	0.0042 m
DY			484.5078 m	-0.0007 m	0.0016 m	0.0020 m

			-196.5344 m	0.0019 m	0.0011 m	0.0039 m
DX	GS18	GS17	110.2223 m	0.0026 m	0.0004 m	0.0035 m
DY			424.0392 m	0.0009 m	-0.0004 m	0.0017 m
DZ			-188.0716 m	0.0022 m	0.0035 m	0.0033 m
DX	GS18	GS16	508.7509 m	0.0005 m	0.0010 m	0.0033 m
DY			-485.2444 m	0.0011 m	-0.0001 m	0.0015 m
DZ			-397.3243 m	0.0006 m	0.0010 m	0.0030 m
DX	GS15	GS16	136.7980 m	-0.0019 m	-0.0019 m	0.0040 m
DY			632.1772 m	-0.0023 m	0.0030 m	0.0019 m
DZ			-253.8985 m	0.0020 m	-0.0002 m	0.0038 m
DX	RL14	GS16	-71.4510 m	-0.0071 m	-0.0015 m	0.0052 m
DY			526.0623 m	-0.0030 m	0.0016 m	0.0025 m
DZ			-31.7458 m	-0.0053 m	-0.0090 m	0.0048 m
DX	RL10	GS15	-15.3700 m	0.0052 m	-0.0009 m	0.0048 m
DY			2459.4963 m	0.0001 m	0.0013 m	0.0023 m
DZ			-458.0084 m	0.0071 m	0.0087 m	0.0046 m
DX	GS14	RL10	-335.3173 m	-0.0007 m	0.0002 m	0.0042 m
DY			-30.3461 m	0.0001 m	-0.0001 m	0.0021 m
DZ			332.1283 m	-0.0007 m	-0.0010 m	0.0041 m
DX	GS14	GS15	-350.6873 m	-0.0132 m	-0.0032 m	0.0048 m
DY			2429.1501 m	-0.0059 m	0.0014 m	0.0023 m
DZ			-125.8801 m	-0.0123 m	-0.0187 m	0.0045 m
DX	GS14	GS13	177.4934 m	0.0153 m	0.0031 m	0.0048 m
DY			-648.4878 m	0.0062 m	-0.0033 m	0.0022 m
DZ			-47.5016 m	0.0118 m	0.0197 m	0.0045 m
DX	GS13	GS12	-314.0660 m	0.0057 m	0.0001 m	0.0036 m
DY			-943.7453 m	0.0012 m	-0.0007 m	0.0016 m
DZ			499.7757 m	0.0050 m	0.0076 m	0.0033 m
DX	GS13	GS11	-175.0907 m	-0.0041 m	0.0024 m	0.0038 m
DY			-1111.9208 m	0.0016 m	-0.0013 m	0.0017 m
DZ			397.9718 m	-0.0056 m	-0.0066 m	0.0036 m
DX	GS12	RL10	-198.7447 m	0.0015 m	-0.0001 m	0.0040 m
DY			1561.8870 m	0.0002 m	-0.0008 m	0.0019 m
DZ			-120.1458 m	0.0004 m	0.0013 m	0.0039 m
DX	GS12	GS11	138.9752 m	-0.0011 m	-0.0006 m	0.0025 m
DY			-168.1755 m	-0.0008 m	0.0001 m	0.0012 m
DZ			-101.8039 m	-0.0012 m	-0.0017 m	0.0026 m
DX	GS10	GS12	215.9366 m	-0.0067 m	0.0003 m	0.0034 m
DY			942.6867 m	-0.0011 m	-0.0011 m	0.0017 m
DZ			-390.9424 m	-0.0084 m	-0.0108 m	0.0032 m
DX	GS10	GS11	354.9118 m	0.0017 m	-0.0001 m	0.0036 m
DY			774.5112 m	0.0002 m	-0.0019 m	0.0018 m
DZ			-492.7463 m	-0.0009 m	0.0006 m	0.0034 m
DX	GS09	RL05	-763.4140 m	-0.0050 m	0.0005 m	0.0066 m
DY			-1301.7777 m	-0.0005 m	-0.0036 m	0.0033 m
DZ			990.0816 m	-0.0103 m	-0.0109 m	0.0066 m
DX	GS09	GS10	-320.3459 m	-0.0015 m	0.0010 m	0.0060 m
DY			167.2211 m	0.0007 m	0.0031 m	0.0032 m
DZ			276.8984 m	0.0031 m	0.0012 m	0.0058 m
DX	CS06	GS56	1460.1116 m	0.0076 m	-0.0016 m	0.0045 m
DY			586.5505 m	-0.0001 m	-0.0029 m	0.0020 m
DZ			-1520.2572 m	0.0035 m	0.0077 m	0.0042 m
DX	CS06	GS55	1555.9537 m	0.0077 m	-0.0014 m	0.0039 m
DY			351.6821 m	0.0002 m	-0.0015 m	0.0017 m
DZ			-1566.5521 m	0.0056 m	0.0093 m	0.0038 m
DX	CS05	GS56	-1544.5239 m	0.0033 m	-0.0016 m	0.0045 m
DY			-1514.7169 m	-0.0009 m	0.0056 m	0.0020 m
DZ			1787.8655 m	0.0111 m	0.0101 m	0.0042 m
DX	CS05	GS54	-567.5678 m	0.0062 m	0.0032 m	0.0067 m
DY			-3196.9273 m	0.0045 m	0.0031 m	0.0032 m
DZ			1186.4512 m	0.0115 m	0.0132 m	0.0064 m
DX	CS05	GS53	-446.7887 m	0.0031 m	-0.0006 m	0.0048 m
DY			-3552.3488 m	0.0000 m	0.0032 m	0.0024 m
DZ			1142.1093 m	0.0076 m	0.0076 m	0.0050 m
DX	CS05	GS52	-24.3760 m	0.0042 m	0.0017 m	0.0049 m
DY			-3915.2478 m	0.0025 m	0.0026 m	0.0024 m
DZ			809.7180 m	0.0084 m	0.0092 m	0.0050 m
DX	CS05	GS51	-209.9687 m	0.0040 m	0.0014 m	0.0043 m
DY			-4023.1425 m	0.0022 m	0.0062 m	0.0021 m
DZ			1010.5167 m	0.0132 m	0.0125 m	0.0043 m
DX	CS05	GS50	592.1702 m	0.0133 m	0.0017 m	0.0048 m
DY			-4491.4669 m	0.0045 m	0.0062 m	0.0023 m

			334.8902 m	0.0230 m	0.0262 m	0.0047 m
DX	CS05	GS49	743.3824 m	-0.0002 m	0.0032 m	0.0063 m
DY			-4577.5999 m	0.0032 m	0.0066 m	0.0033 m
DZ			208.0358 m	0.0099 m	0.0074 m	0.0073 m
DX	CS05	GS48	2476.5015 m	0.0163 m	-0.0001 m	0.0071 m
DY			-5336.6867 m	0.0032 m	0.0064 m	0.0032 m
DZ			-1316.1840 m	0.0260 m	0.0302 m	0.0077 m
DX	IC09	GS56	-1893.8856 m	-0.0088 m	0.0022 m	0.0045 m
DY			4965.8022 m	0.0005 m	0.0019 m	0.0020 m
DZ			816.3985 m	-0.0060 m	-0.0102 m	0.0042 m
DX	IC09	GS55	-1798.0436 m	-0.0085 m	0.0014 m	0.0039 m
DY			4730.9338 m	-0.0003 m	0.0008 m	0.0017 m
DZ			770.1036 m	-0.0074 m	-0.0111 m	0.0038 m
DX	IC09	GS54	-916.9295 m	-0.0037 m	0.0005 m	0.0067 m
DY			3283.5917 m	-0.0002 m	-0.0023 m	0.0032 m
DZ			214.9842 m	-0.0070 m	-0.0076 m	0.0064 m
DX	IC09	GS53	-796.1504 m	-0.0021 m	-0.0006 m	0.0048 m
DY			2928.1703 m	-0.0010 m	-0.0008 m	0.0024 m
DZ			170.6423 m	-0.0035 m	-0.0041 m	0.0050 m
DX	IC09	GS52	-373.7377 m	-0.0019 m	0.0010 m	0.0049 m
DY			2565.2713 m	0.0006 m	-0.0009 m	0.0024 m
DZ			-161.7489 m	-0.0030 m	-0.0033 m	0.0050 m
DX	IC09	GS51	-559.3304 m	-0.0054 m	0.0000 m	0.0043 m
DY			2457.3766 m	-0.0011 m	-0.0016 m	0.0021 m
DZ			39.0498 m	-0.0079 m	-0.0095 m	0.0043 m
DX	IC09	GS50	242.8085 m	-0.0032 m	-0.0006 m	0.0048 m
DY			1989.0522 m	-0.0013 m	-0.0016 m	0.0023 m
DZ			-636.5767 m	-0.0056 m	-0.0064 m	0.0047 m
DX	IC09	GS49	394.0207 m	0.0020 m	-0.0008 m	0.0063 m
DY			1902.9191 m	-0.0005 m	-0.0031 m	0.0033 m
DZ			-763.4311 m	-0.0026 m	-0.0006 m	0.0073 m
DX	IC09	GS48	2127.1398 m	0.0083 m	0.0000 m	0.0071 m
DY			1143.8324 m	0.0017 m	0.0010 m	0.0032 m
DZ			-2287.6509 m	0.0101 m	0.0132 m	0.0077 m
DX	IC08	GS50	-4049.5086 m	0.0016 m	-0.0050 m	0.0048 m
DY			735.5198 m	-0.0048 m	-0.0046 m	0.0023 m
DZ			3769.9947 m	-0.0059 m	-0.0037 m	0.0047 m
DX	IC08	GS48	-2165.1774 m	-0.0156 m	-0.0002 m	0.0071 m
DY			-109.7001 m	-0.0034 m	-0.0017 m	0.0032 m
DZ			2118.9205 m	-0.0187 m	-0.0245 m	0.0077 m
DX	IC08	GS47	-1863.3564 m	0.0037 m	0.0009 m	0.0040 m
DY			-341.8411 m	0.0017 m	-0.0010 m	0.0018 m
DZ			1873.2215 m	0.0025 m	0.0046 m	0.0037 m
DX	IC08	GS46	30.3875 m	0.0025 m	0.0019 m	0.0031 m
DY			-583.2831 m	0.0025 m	-0.0025 m	0.0015 m
DZ			88.9826 m	-0.0006 m	0.0017 m	0.0031 m
DX	IC08	GS45	-82.7704 m	0.0030 m	0.0004 m	0.0032 m
DY			-913.4980 m	0.0010 m	-0.0046 m	0.0015 m
DZ			263.5898 m	-0.0033 m	-0.0001 m	0.0032 m
DX	IC08	GS44	1054.4885 m	0.0049 m	-0.0001 m	0.0035 m
DY			-2189.2467 m	0.0008 m	-0.0024 m	0.0016 m
DZ			-574.8621 m	0.0016 m	0.0046 m	0.0034 m
DX	IC08	GS41	2688.3790 m	0.0051 m	0.0002 m	0.0035 m
DY			-4157.1938 m	0.0013 m	-0.0014 m	0.0017 m
DZ			-1795.2917 m	0.0034 m	0.0061 m	0.0036 m
DX	IGM049705	GS48	-2497.1661 m	0.0132 m	-0.0059 m	0.0071 m
DY			2891.7421 m	-0.0033 m	-0.0001 m	0.0032 m
DZ			1830.9961 m	0.0123 m	0.0174 m	0.0077 m
DX	IGM049705	GS47	-2195.3451 m	0.0020 m	-0.0006 m	0.0040 m
DY			2659.6010 m	-0.0002 m	0.0006 m	0.0018 m
DZ			1585.2971 m	0.0027 m	0.0033 m	0.0037 m
DX	IGM049705	GS46	-301.6011 m	-0.0046 m	-0.0010 m	0.0031 m
DY			2418.1590 m	-0.0019 m	0.0016 m	0.0015 m
DZ			-198.9418 m	-0.0027 m	-0.0054 m	0.0031 m
DX	IGM049705	GS45	-414.7591 m	-0.0037 m	0.0000 m	0.0032 m
DY			2087.9441 m	-0.0007 m	0.0033 m	0.0015 m
DZ			-24.3346 m	0.0009 m	-0.0020 m	0.0032 m
DX	IGM049705	GS44	722.4999 m	-0.0034 m	-0.0016 m	0.0035 m
DY			812.1954 m	-0.0023 m	0.0025 m	0.0016 m
DZ			-862.7866 m	-0.0002 m	-0.0027 m	0.0034 m
DX	IGM049705	GS41	2356.3903 m	-0.0046 m	-0.0018 m	0.0035 m
DY			-1155.7516 m	-0.0027 m	0.0051 m	0.0017 m

			-2083.2162 m	0.0022 m	-0.0019 m	0.0036 m
DX	IC06	GS42	-2201.8422 m	-0.0029 m	-0.0011 m	0.0068 m
DY			-352.6097 m	-0.0017 m	0.0029 m	0.0031 m
DZ			2208.8797 m	0.0009 m	-0.0016 m	0.0068 m
DX	IC06	GS41	-2334.5831 m	-0.0047 m	-0.0009 m	0.0035 m
DY			-536.4465 m	-0.0019 m	-0.0021 m	0.0017 m
DZ			2371.9319 m	-0.0081 m	-0.0092 m	0.0036 m
D0	IC06	GS40	-404.0880 m	-0.0012 m	-0.0001 m	0.0034 m
DY			-494.8095 m	-0.0004 m	-0.0006 m	0.0022 m
DZ			488.3036 m	-0.0022 m	-0.0024 m	0.0048 m
DX	IC06	GS39	-501.9847 m	-0.0025 m	-0.0016 m	0.0030 m
DY			-879.8608 m	-0.0021 m	-0.0014 m	0.0018 m
DZ			658.8343 m	-0.0049 m	-0.0055 m	0.0037 m
DX	IC06	GS37	285.0631 m	-0.0072 m	-0.0023 m	0.0035 m
DY			-2705.0129 m	-0.0038 m	-0.0013 m	0.0019 m
DZ			250.5517 m	-0.0098 m	-0.0125 m	0.0038 m
DX	IC07	GS42	388.5788 m	-0.0107 m	-0.0082 m	0.0068 m
DY			1617.0924 m	-0.0105 m	0.0066 m	0.0031 m
DZ			-690.7414 m	-0.0034 m	-0.0112 m	0.0068 m
DX	IC07	GS41	255.8379 m	0.0049 m	0.0022 m	0.0035 m
DY			1433.2556 m	0.0032 m	-0.0026 m	0.0017 m
DZ			-527.6893 m	0.0018 m	0.0051 m	0.0036 m
DX	IC07	GS40	2186.3330 m	0.0116 m	-0.0010 m	0.0034 m
DY			1474.8926 m	0.0013 m	-0.0017 m	0.0022 m
DZ			-2411.3175 m	0.0094 m	0.0148 m	0.0048 m
DX	IC07	GS39	2088.4363 m	0.0078 m	-0.0002 m	0.0030 m
DY			1089.8414 m	0.0014 m	-0.0013 m	0.0018 m
DZ			-2240.7869 m	0.0061 m	0.0099 m	0.0037 m
DX	IC07	GS38	2597.1500 m	0.0009 m	0.0007 m	0.0048 m
DY			-785.5738 m	0.0009 m	-0.0004 m	0.0021 m
DZ			-2365.8802 m	0.0006 m	0.0011 m	0.0045 m
DX	IC04	GS37	-3287.2156 m	-0.0046 m	0.0014 m	0.0035 m
DY			1645.5061 m	0.0006 m	-0.0014 m	0.0019 m
DZ			2862.8779 m	-0.0064 m	-0.0076 m	0.0038 m
DX	IC04	GS36	-2580.8950 m	-0.0256 m	0.0018 m	0.0045 m
DY			441.4837 m	-0.0033 m	0.0026 m	0.0021 m
DZ			2412.3099 m	-0.0224 m	-0.0341 m	0.0042 m
DX	IC04	GS35	-2645.4594 m	-0.0159 m	0.0007 m	0.0044 m
DY			729.4354 m	-0.0025 m	0.0001 m	0.0020 m
DZ			2418.6086 m	-0.0161 m	-0.0228 m	0.0039 m
DX	IC04	GS34	-1845.6683 m	-0.0260 m	0.0017 m	0.0034 m
DY			-246.9841 m	-0.0035 m	0.0050 m	0.0016 m
DZ			1834.1122 m	-0.0194 m	-0.0321 m	0.0032 m
DX	IC04	GS32	-1545.7903 m	-0.0158 m	0.0009 m	0.0043 m
DY			-801.0739 m	-0.0022 m	0.0011 m	0.0020 m
DZ			1650.8684 m	-0.0146 m	-0.0216 m	0.0042 m
DX	IC04	GS31	-1558.5059 m	-0.0191 m	0.0014 m	0.0044 m
DY			-1091.5229 m	-0.0024 m	0.0000 m	0.0020 m
DZ			1718.5780 m	-0.0195 m	-0.0274 m	0.0040 m
DX	IC04	GS30	-1220.7236 m	-0.0080 m	-0.0002 m	0.0041 m
DY			-2332.0385 m	-0.0018 m	-0.0015 m	0.0020 m
DZ			1631.2826 m	-0.0104 m	-0.0132 m	0.0040 m
DX	IC04	GS29	-919.3334 m	-0.0024 m	-0.0008 m	0.0035 m
DY			-2172.7293 m	-0.0013 m	0.0028 m	0.0017 m
DZ			1308.4120 m	0.0014 m	-0.0008 m	0.0035 m
DX	IC04	GS27	-702.6465 m	-0.0133 m	-0.0011 m	0.0054 m
DY			-3611.4986 m	-0.0038 m	0.0018 m	0.0025 m
DZ			1369.7121 m	-0.0115 m	-0.0179 m	0.0051 m
DX	IC05	GS38	-778.8258 m	0.0065 m	-0.0002 m	0.0048 m
DY			4044.0556 m	0.0011 m	-0.0018 m	0.0021 m
DZ			-29.7500 m	0.0041 m	0.0076 m	0.0045 m
DX	IC05	GS37	-500.4917 m	0.0294 m	0.0001 m	0.0035 m
DY			4094.3186 m	0.0059 m	-0.0028 m	0.0019 m
DZ			-312.9392 m	0.0265 m	0.0399 m	0.0038 m
DX	IC05	GS36	205.8289 m	0.0207 m	-0.0013 m	0.0045 m
DY			2890.2962 m	0.0028 m	-0.0035 m	0.0021 m
DZ			-763.5071 m	0.0162 m	0.0261 m	0.0042 m
DX	IC05	GS35	141.2645 m	0.0184 m	-0.0001 m	0.0044 m
DY			3178.2479 m	0.0036 m	-0.0017 m	0.0020 m
DZ			-757.2085 m	0.0166 m	0.0250 m	0.0039 m
DX	IC05	GS34	941.0556 m	0.0129 m	-0.0007 m	0.0034 m
DY			2201.8285 m	0.0018 m	-0.0024 m	0.0016 m

			-1341.7049 m	0.0098 m	0.0161 m	0.0032 m
DX	IC05	GS32	1240.9336 m	0.0088 m	-0.0007 m	0.0043 m
DY			1647.7386 m	0.0011 m	0.0003 m	0.0020 m
DZ			-1524.9487 m	0.0094 m	0.0129 m	0.0042 m
DX	IC05	GS31	1228.2180 m	0.0079 m	-0.0002 m	0.0044 m
DY			1357.2897 m	0.0014 m	-0.0001 m	0.0020 m
DZ			-1457.2391 m	0.0080 m	0.0113 m	0.0040 m
DX	IC05	GS30	1566.0003 m	0.0125 m	-0.0013 m	0.0041 m
DY			116.7741 m	0.0012 m	0.0034 m	0.0020 m
DZ			-1544.5345 m	0.0175 m	0.0212 m	0.0040 m
DX	IC05	GS29	1867.3905 m	-0.0039 m	0.0014 m	0.0035 m
DY			276.0832 m	0.0007 m	-0.0020 m	0.0017 m
DZ			-1867.4051 m	-0.0066 m	-0.0073 m	0.0035 m
DX	IC05	GS27	2084.0774 m	0.0145 m	-0.0020 m	0.0054 m
DY			-1162.6860 m	0.0008 m	-0.0010 m	0.0025 m
DZ			-1806.1050 m	0.0131 m	0.0194 m	0.0051 m
DX	IC05	GS26	2065.7545 m	0.0043 m	-0.0030 m	0.0045 m
DY			-2678.8620 m	-0.0022 m	0.0023 m	0.0021 m
DZ			-1496.5544 m	0.0070 m	0.0077 m	0.0043 m
DX	IC03	RL21	-2245.1111 m	-0.0168 m	-0.0020 m	0.0044 m
DY			3507.8796 m	-0.0054 m	0.0021 m	0.0021 m
DZ			1487.0445 m	-0.0148 m	-0.0228 m	0.0042 m
DX	IC03	RL19	-2006.9444 m	-0.0174 m	-0.0007 m	0.0039 m
DY			1314.4671 m	-0.0041 m	0.0041 m	0.0018 m
DZ			1680.7151 m	-0.0123 m	-0.0213 m	0.0036 m
DX	IC03	RL18	-1954.5991 m	-0.0192 m	-0.0012 m	0.0031 m
DY			172.6927 m	-0.0050 m	0.0043 m	0.0016 m
DZ			1849.1343 m	-0.0139 m	-0.0238 m	0.0029 m
DX	IC03	RL17	-1828.2404 m	-0.0182 m	0.0002 m	0.0036 m
DY			-1058.9575 m	-0.0034 m	0.0025 m	0.0017 m
DZ			1964.5613 m	-0.0153 m	-0.0239 m	0.0034 m
DX	IC03	GS26	-2415.2794 m	-0.0145 m	-0.0030 m	0.0045 m
DY			3787.6029 m	-0.0059 m	0.0023 m	0.0021 m
DZ			1598.3242 m	-0.0123 m	-0.0195 m	0.0043 m
DX	IC03	GS25	-2363.9976 m	-0.0128 m	-0.0019 m	0.0028 m
DY			3005.8583 m	-0.0045 m	0.0002 m	0.0013 m
DZ			1698.1365 m	-0.0134 m	-0.0190 m	0.0026 m
DX	IC03	GS24	-2259.8140 m	-0.0145 m	0.0005 m	0.0032 m
DY			2992.9042 m	-0.0024 m	0.0015 m	0.0015 m
DZ			1600.9092 m	-0.0128 m	-0.0194 m	0.0030 m
DX	IC03	GS23	-2279.4063 m	-0.0150 m	-0.0001 m	0.0027 m
DY			2748.0394 m	-0.0031 m	-0.0008 m	0.0013 m
DZ			1667.7990 m	-0.0166 m	-0.0226 m	0.0026 m
DX	IC03	GS21	-2159.7118 m	-0.0119 m	-0.0011 m	0.0042 m
DY			1613.0215 m	-0.0035 m	0.0028 m	0.0021 m
DZ			1772.1725 m	-0.0084 m	-0.0146 m	0.0040 m
DX	IC03	GS19	-2215.3519 m	-0.0213 m	-0.0001 m	0.0031 m
DY			-67.0171 m	-0.0043 m	0.0030 m	0.0014 m
DZ			2147.7383 m	-0.0178 m	-0.0279 m	0.0030 m
DX	IC03	GS17	-1935.6337 m	-0.0160 m	-0.0017 m	0.0032 m
DY			-1543.4654 m	-0.0049 m	0.0029 m	0.0016 m
DZ			2161.0957 m	-0.0128 m	-0.0208 m	0.0030 m
DX	IC03	GS16	-1537.1051 m	-0.0173 m	-0.0027 m	0.0031 m
DY			-2452.7489 m	-0.0061 m	0.0004 m	0.0015 m
DZ			1951.8430 m	-0.0179 m	-0.0255 m	0.0030 m
DX	IC03	GS15	-1673.9031 m	-0.0155 m	-0.0019 m	0.0035 m
DY			-3084.9261 m	-0.0050 m	0.0002 m	0.0017 m
DZ			2205.7415 m	-0.0161 m	-0.0228 m	0.0033 m
DX	IC03	GS14	-1323.2158 m	-0.0023 m	-0.0019 m	0.0035 m
DY			-5514.0762 m	-0.0024 m	-0.0008 m	0.0017 m
DZ			2331.6216 m	-0.0039 m	-0.0047 m	0.0033 m
DX	IGM049703	RL21	1286.7554 m	0.0135 m	0.0016 m	0.0044 m
DY			2347.4115 m	0.0043 m	-0.0031 m	0.0021 m
DZ			-1707.9735 m	0.0099 m	0.0170 m	0.0042 m
DX	IGM049703	RL19	1524.9221 m	0.0125 m	0.0011 m	0.0039 m
DY			153.9990 m	0.0036 m	-0.0029 m	0.0018 m
DZ			-1514.3030 m	0.0090 m	0.0155 m	0.0036 m
DX	IGM049703	RL18	1577.2674 m	0.0097 m	0.0006 m	0.0031 m
DY			-987.7754 m	0.0026 m	-0.0018 m	0.0016 m
DZ			-1345.8838 m	0.0076 m	0.0125 m	0.0029 m
DX	IGM049703	RL17	1703.6261 m	0.0079 m	0.0007 m	0.0036 m
DY			-2219.4257 m	0.0023 m	-0.0016 m	0.0017 m

			-1230.4567 m	0.0060 m	0.0100 m	0.0034 m
DX	IGM049703	GS26	1116.5871 m	0.0176 m	0.0035 m	0.0045 m
DY			2627.1347 m	0.0071 m	-0.0052 m	0.0021 m
DZ			-1596.6939 m	0.0115 m	0.0213 m	0.0043 m
DX	IGM049703	GS25	1167.8690 m	0.0176 m	0.0014 m	0.0028 m
DY			1845.3901 m	0.0049 m	-0.0017 m	0.0013 m
DZ			-1496.8816 m	0.0160 m	0.0242 m	0.0026 m
DX	IGM049703	GS24	1272.0525 m	0.0173 m	-0.0006 m	0.0032 m
DY			1832.4361 m	0.0028 m	-0.0015 m	0.0015 m
DZ			-1594.1088 m	0.0156 m	0.0234 m	0.0030 m
DX	IGM049703	GS23	1252.4602 m	0.0079 m	0.0011 m	0.0027 m
DY			1587.5713 m	0.0027 m	0.0004 m	0.0013 m
DZ			-1527.2191 m	0.0089 m	0.0122 m	0.0026 m
DX	IGM049703	GS21	1372.1547 m	0.0168 m	0.0020 m	0.0042 m
DY			452.5533 m	0.0054 m	-0.0051 m	0.0021 m
DZ			-1422.8456 m	0.0106 m	0.0198 m	0.0040 m
DX	IGM049703	GS19	1316.5146 m	0.0053 m	-0.0001 m	0.0031 m
DY			-1227.4853 m	0.0009 m	-0.0003 m	0.0014 m
DZ			-1047.2798 m	0.0050 m	0.0073 m	0.0030 m
DX	IGM049703	GS17	1596.2328 m	0.0068 m	-0.0001 m	0.0032 m
DY			-2703.9335 m	0.0013 m	-0.0003 m	0.0016 m
DZ			-1033.9223 m	0.0066 m	0.0096 m	0.0030 m
DX	IGM049703	GS16	1994.7614 m	0.0100 m	0.0006 m	0.0031 m
DY			-3613.2171 m	0.0026 m	-0.0019 m	0.0015 m
DZ			-1243.1750 m	0.0078 m	0.0128 m	0.0030 m
DX	IGM049703	GS15	1857.9634 m	0.0107 m	0.0034 m	0.0035 m
DY			-4245.3943 m	0.0056 m	-0.0004 m	0.0017 m
DZ			-989.2765 m	0.0112 m	0.0161 m	0.0033 m
DX	CS01	RL10	-470.5051 m	-0.0004 m	0.0000 m	0.0037 m
DY			3034.6851 m	-0.0001 m	-0.0010 m	0.0018 m
DZ			-140.7625 m	-0.0018 m	-0.0016 m	0.0035 m
DX	CS01	RL05	-930.7652 m	-0.0033 m	-0.0022 m	0.0048 m
DY			-938.8873 m	-0.0029 m	-0.0025 m	0.0023 m
DZ			1083.5089 m	-0.0074 m	-0.0079 m	0.0047 m
DX	CS01	GS14	-135.1879 m	-0.0152 m	0.0005 m	0.0035 m
DY			3065.0313 m	-0.0025 m	-0.0006 m	0.0017 m
DZ			-472.8909 m	-0.0165 m	-0.0226 m	0.0033 m
DX	CS01	GS13	42.3055 m	-0.0050 m	0.0017 m	0.0035 m
DY			2416.5434 m	0.0007 m	-0.0013 m	0.0015 m
DZ			-520.3924 m	-0.0067 m	-0.0081 m	0.0032 m
DX	CS01	GS12	-271.7604 m	-0.0064 m	0.0002 m	0.0023 m
DY			1472.7982 m	-0.0010 m	-0.0008 m	0.0011 m
DZ			-20.6167 m	-0.0077 m	-0.0100 m	0.0022 m
DX	CS01	GS11	-132.7852 m	0.0022 m	0.0020 m	0.0026 m
DY			1304.6226 m	0.0025 m	-0.0013 m	0.0012 m
DZ			-122.4206 m	0.0009 m	0.0025 m	0.0025 m
DX	CS01	GS10	-487.6970 m	-0.0059 m	0.0010 m	0.0032 m
DY			530.1114 m	-0.0002 m	-0.0040 m	0.0017 m
DZ			370.3257 m	-0.0116 m	-0.0123 m	0.0030 m
DX	CS01	GS08	-1018.7595 m	-0.0014 m	-0.0013 m	0.0063 m
DY			-888.4492 m	-0.0016 m	-0.0019 m	0.0029 m
DZ			1158.5713 m	-0.0045 m	-0.0044 m	0.0059 m
DX	CS01	GS07	-1014.7641 m	0.0017 m	-0.0014 m	0.0033 m
DY			-1111.7368 m	-0.0011 m	-0.0031 m	0.0016 m
DZ			1196.5110 m	-0.0030 m	-0.0011 m	0.0032 m
DX	CS01	GS06	-1092.3063 m	0.0004 m	-0.0018 m	0.0034 m
DY			-1840.4110 m	-0.0017 m	-0.0015 m	0.0016 m
DZ			1414.5744 m	-0.0020 m	-0.0014 m	0.0032 m
DX	IGM049702	RL10	1401.6116 m	0.0013 m	-0.0006 m	0.0037 m
DY			-525.6425 m	-0.0004 m	0.0013 m	0.0018 m
DZ			-1276.5640 m	0.0031 m	0.0031 m	0.0035 m
DX	IGM049702	GS15	1386.2416 m	0.0050 m	-0.0023 m	0.0035 m
DY			1933.8537 m	-0.0014 m	0.0014 m	0.0017 m
DZ			-1734.5724 m	0.0067 m	0.0080 m	0.0033 m
DX	IGM049702	GS14	1736.9289 m	0.0037 m	-0.0018 m	0.0035 m
DY			-495.2964 m	-0.0011 m	0.0008 m	0.0017 m
DZ			-1608.6923 m	0.0046 m	0.0057 m	0.0033 m
DX	IGM049702	GS13	1914.4223 m	0.0104 m	-0.0005 m	0.0035 m
DY			-1143.7842 m	0.0016 m	0.0005 m	0.0015 m
DZ			-1656.1939 m	0.0113 m	0.0154 m	0.0032 m
DX	IGM049702	GS12	1600.3563 m	0.0020 m	-0.0009 m	0.0023 m
DY			-2087.5295 m	-0.0006 m	0.0007 m	0.0011 m

			-1156.4182 m	0.0028 m	0.0033 m	0.0022 m
DX	IGM049702	GS11	1739.3315 m	0.0028 m	-0.0014 m	0.0026 m
DY			-2255.7050 m	-0.0008 m	0.0022 m	0.0012 m
DZ			-1258.2220 m	0.0058 m	0.0059 m	0.0025 m
DX	IGM049702	GS10	1384.4197 m	0.0009 m	-0.0005 m	0.0032 m
DY			-3030.2162 m	-0.0004 m	0.0010 m	0.0017 m
DZ			-765.4757 m	0.0022 m	0.0021 m	0.0030 m
DX	IGM049702	GS08	853.3573 m	0.0105 m	-0.0001 m	0.0063 m
DY			-4448.7768 m	0.0020 m	0.0000 m	0.0029 m
DZ			22.7699 m	0.0109 m	0.0153 m	0.0059 m
DX	IGM049702	GS07	857.3527 m	0.0002 m	0.0013 m	0.0033 m
DY			-4672.0645 m	0.0013 m	0.0038 m	0.0016 m
DZ			60.7095 m	0.0059 m	0.0045 m	0.0032 m
DX	IGM049702	GS06	779.8104 m	0.0084 m	-0.0018 m	0.0034 m
DY			-5400.7386 m	-0.0002 m	0.0020 m	0.0016 m
DZ			278.7729 m	0.0113 m	0.0138 m	0.0032 m
DX	GS41	GS43	-1681.6748 m	0.0039 m	-0.0024 m	0.0059 m
DY			1546.4526 m	-0.0016 m	0.0034 m	0.0028 m
DZ			1339.5507 m	0.0083 m	0.0084 m	0.0058 m
DX	GS32	GS33	-333.3420 m	0.0033 m	0.0000 m	0.0058 m
DY			306.5858 m	0.0007 m	-0.0008 m	0.0027 m
DZ			264.7309 m	0.0023 m	0.0040 m	0.0056 m
DX	GS30	GS28	211.4677 m	-0.0044 m	-0.0003 m	0.0055 m
DY			-1251.2897 m	-0.0012 m	-0.0002 m	0.0027 m
DZ			30.3234 m	-0.0050 m	-0.0068 m	0.0053 m
DX	RL21	RL22	-115.4291 m	0.0136 m	0.0021 m	0.0056 m
DY			485.8629 m	0.0049 m	-0.0057 m	0.0026 m
DZ			18.8682 m	0.0063 m	0.0145 m	0.0052 m
DX	RL19	GS22	-312.9534 m	-0.0029 m	-0.0002 m	0.0045 m
DY			61.3656 m	-0.0008 m	0.0003 m	0.0021 m
DZ			292.1852 m	-0.0026 m	-0.0039 m	0.0042 m
DX	GS19	GS20	241.2528 m	-0.0009 m	0.0008 m	0.0033 m
DY			-77.1748 m	0.0007 m	0.0001 m	0.0016 m
DZ			-220.7041 m	-0.0007 m	-0.0010 m	0.0032 m
DX	RL17	GS20	-145.8587 m	-0.0014 m	-0.0003 m	0.0040 m
DY			914.7656 m	-0.0005 m	0.0007 m	0.0019 m
DZ			-37.5271 m	-0.0005 m	-0.0013 m	0.0037 m
DX	GS15	GS18	-371.9529 m	-0.0003 m	-0.0005 m	0.0039 m
DY			1117.4216 m	-0.0005 m	0.0002 m	0.0019 m
DZ			143.4258 m	-0.0001 m	-0.0003 m	0.0036 m
DX	GS14	RL14	-142.4382 m	-0.0075 m	-0.0011 m	0.0045 m
DY			2535.2650 m	-0.0026 m	0.0005 m	0.0022 m
DZ			-348.0328 m	-0.0074 m	-0.0108 m	0.0042 m
DX	IC08	GS43	1006.7042 m	0.0031 m	0.0034 m	0.0052 m
DY			-2610.7412 m	0.0041 m	-0.0082 m	0.0025 m
DZ			-455.7411 m	-0.0078 m	-0.0029 m	0.0051 m
DX	IGM049705	GS43	674.7156 m	-0.0051 m	0.0038 m	0.0052 m
DY			390.7009 m	0.0028 m	-0.0015 m	0.0025 m
DZ			-743.6655 m	-0.0066 m	-0.0079 m	0.0051 m
DX	IC04	GS33	-1879.1323 m	-0.0213 m	0.0010 m	0.0046 m
DY			-494.4881 m	-0.0033 m	0.0026 m	0.0021 m
DZ			1915.5993 m	-0.0182 m	-0.0281 m	0.0045 m
DX	IC04	GS28	-1009.2558 m	-0.0128 m	-0.0014 m	0.0045 m
DY			-3583.3282 m	-0.0039 m	0.0041 m	0.0022 m
DZ			1661.6060 m	-0.0076 m	-0.0148 m	0.0042 m
DX	IC05	RL22	2120.4937 m	0.0113 m	0.0005 m	0.0037 m
DY			-2472.7223 m	0.0027 m	0.0011 m	0.0017 m
DZ			-1588.9658 m	0.0134 m	0.0177 m	0.0034 m
DX	IC05	GS33	907.5916 m	0.0108 m	-0.0012 m	0.0046 m
DY			1954.3244 m	0.0010 m	-0.0003 m	0.0021 m
DZ			-1260.2178 m	0.0106 m	0.0151 m	0.0045 m
DX	IC05	GS28	1777.4680 m	0.0156 m	-0.0017 m	0.0045 m
DY			-1134.5156 m	0.0014 m	-0.0003 m	0.0022 m
DZ			-1514.2110 m	0.0154 m	0.0218 m	0.0042 m
DX	IC03	RL22	-2360.5402 m	-0.0203 m	-0.0005 m	0.0037 m
DY			3993.7425 m	-0.0046 m	-0.0018 m	0.0017 m
DZ			1505.9127 m	-0.0237 m	-0.0315 m	0.0034 m
DX	IC03	RL14	-1465.6540 m	-0.0074 m	-0.0037 m	0.0046 m
DY			-2978.8112 m	-0.0053 m	0.0031 m	0.0022 m
DZ			1983.5888 m	-0.0040 m	-0.0086 m	0.0043 m
DX	IC03	GS22	-2319.8978 m	-0.0193 m	-0.0019 m	0.0032 m
DY			1375.8328 m	-0.0058 m	0.0049 m	0.0015 m

			1972.9003 m	-0.0134 m	-0.0236 m	0.0031 m
DX	IC03	GS20	-1974.0991 m	-0.0188 m	-0.0014 m	0.0029 m
DY			-144.1919 m	-0.0052 m	0.0024 m	0.0014 m
DZ			1927.0342 m	-0.0163 m	-0.0253 m	0.0028 m
DX	IC03	GS18	-2045.8560 m	-0.0175 m	-0.0018 m	0.0029 m
DY			-1967.5045 m	-0.0052 m	0.0036 m	0.0014 m
DZ			2349.1673 m	-0.0133 m	-0.0222 m	0.0027 m
DX	IGM049703	RL14	2066.2125 m	0.0177 m	0.0037 m	0.0046 m
DY			-4139.2794 m	0.0073 m	-0.0020 m	0.0022 m
DZ			-1211.4293 m	0.0162 m	0.0247 m	0.0043 m
DX	IGM049703	GS22	1211.9688 m	0.0100 m	0.0010 m	0.0032 m
DY			215.3646 m	0.0030 m	-0.0010 m	0.0015 m
DZ			-1222.1178 m	0.0091 m	0.0138 m	0.0031 m
DX	IGM049703	GS20	1557.7674 m	0.0104 m	-0.0002 m	0.0029 m
DY			-1304.6601 m	0.0019 m	-0.0022 m	0.0014 m
DZ			-1267.9839 m	0.0077 m	0.0129 m	0.0028 m
DX	IGM049703	GS18	1486.0105 m	0.0095 m	0.0025 m	0.0029 m
DY			-3127.9727 m	0.0044 m	-0.0017 m	0.0014 m
DZ			-845.8507 m	0.0080 m	0.0129 m	0.0027 m
DX	CS01	GS09	-167.3512 m	-0.0062 m	0.0009 m	0.0055 m
DY			362.8904 m	-0.0003 m	-0.0047 m	0.0029 m
DZ			93.4273 m	-0.0129 m	-0.0135 m	0.0054 m
DX	IGM049702	GS09	1704.7656 m	0.0078 m	-0.0007 m	0.0055 m
DY			-3197.4373 m	0.0008 m	0.0054 m	0.0029 m
DZ			-1042.3742 m	0.0156 m	0.0166 m	0.0054 m

GPS Baseline Vector Residuals

	Station	Target	Adj vector [m]	Resid [m]	Resid [ppm]
DV	GS02	GS03	1838.3518	0.0093	5.1
DV	GS01	GS02	260.1675	0.0003	1.3
DV	GS04	GS05	1061.6706	0.0051	4.8
DV	GS03	GS04	216.3260	0.0084	38.7
DV	GS05	GS06	303.1706	0.0017	5.8
DV	GS07	RL05	222.9400	0.0060	27.1
DV	GS07	GS08	226.5232	0.0064	28.3
DV	GS06	GS07	764.5459	0.0012	1.5
DV	IC02	GS06	3312.6701	0.0039	1.2
DV	IC02	GS05	3012.6824	0.0015	0.5
DV	IC02	GS04	2027.3115	0.0078	3.8
DV	IC02	GS03	1869.8089	0.0031	1.6
DV	IC02	GS02	1443.3392	0.0014	0.9
DV	IC02	GS01	1376.0535	0.0016	1.1
DV	IC01	GS06	4314.1370	0.0079	1.8
DV	IC01	GS05	4111.5822	0.0088	2.1
DV	IC01	GS04	3377.3100	0.0122	3.6
DV	IC01	GS03	3210.0971	0.0074	2.3
DV	IC01	GS02	2163.3184	0.0017	0.8
DV	IC01	GS01	2287.0135	0.0022	1.0
DV	GS08	RL05	126.1799	0.0038	29.8
DV	GS55	GS54	1783.0644	0.0032	1.8
DV	GS56	GS55	257.8605	0.0012	4.6
DV	GS53	GS54	377.9923	0.0049	12.9
DV	GS52	GS53	648.5461	0.0017	2.6
DV	GS51	GS52	293.9490	0.0009	3.0
DV	GS50	GS51	1148.5755	0.0051	4.4
DV	GS49	GS50	215.3510	0.0038	17.8
DV	GS48	GS49	2429.6420	0.0058	2.4
DV	GS47	GS48	453.1593	0.0073	16.2
DV	GS46	GS47	2613.0574	0.0097	3.7
DV	GS45	GS46	390.3002	0.0006	1.5
DV	GS44	GS45	1903.6530	0.0012	0.7
DV	GS43	GS44	440.6027	0.0066	14.9
DV	GS41	GS42	279.2887	0.0038	13.7
DV	GS40	GS42	2492.4933	0.0045	1.8
DV	GS39	GS40	432.3528	0.0023	5.4
DV	GS38	GS39	1947.2083	0.0115	5.9
DV	GS37	GS38	400.2404	0.0028	7.1
DV	GS35	GS37	1203.4998	0.0147	12.2
DV	GS36	GS35	295.1685	0.0019	6.3
DV	GS34	GS36	1161.4037	0.0059	5.1
DV	GS33	GS34	262.7132	0.0065	24.5

DV	GS31	GS32	298.5077	0.0041	13.7
DV	GS30	GS31	1288.6413	0.0152	11.8
DV	GS29	GS31	1321.2816	0.0254	19.2
DV	GS29	GS30	469.5326	0.0157	33.5
DV	GS29	GS27	1456.2856	0.0183	12.6
DV	GS28	GS29	1456.9218	0.0203	13.9
DV	GS28	GS27	424.2699	0.0059	13.8
DV	GS28	GS26	1571.1227	0.0159	10.1
DV	RL22	GS27	1328.4091	0.0088	6.6
DV	RL21	GS26	345.8114	0.0038	11.1
DV	GS24	GS25	143.0915	0.0037	25.8
DV	GS25	GS26	789.7575	0.0061	7.7
DV	GS23	GS25	273.0322	0.0075	27.3
DV	GS23	GS24	254.5916	0.0019	7.3
DV	GS22	GS23	1406.2992	0.0046	3.3
DV	GS22	GS21	349.5850	0.0084	23.9
DV	RL18	RL19	1155.3155	0.0021	1.8
DV	GS19	RL18	463.2679	0.0023	4.9
DV	GS19	RL17	1080.4420	0.0060	5.5
DV	GS20	RL18	326.9014	0.0021	6.4
DV	GS17	RL17	533.7667	0.0020	3.8
DV	GS18	GS17	476.7904	0.0035	7.4
DV	GS18	GS16	807.5619	0.0014	1.7
DV	GS15	GS16	694.8569	0.0036	5.1
DV	RL14	GS16	531.8407	0.0093	17.5
DV	RL10	GS15	2501.8253	0.0088	3.5
DV	GS14	RL10	472.9353	0.0010	2.1
DV	GS14	GS15	2457.5593	0.0190	7.7
DV	GS14	GS13	674.0154	0.0202	30.0
DV	GS13	GS12	1113.1345	0.0077	6.9
DV	GS13	GS11	1193.9038	0.0071	6.0
DV	GS12	RL10	1579.0584	0.0015	1.0
DV	GS12	GS11	240.7512	0.0018	7.5
DV	GS10	GS12	1043.1313	0.0108	10.4
DV	GS10	GS11	984.1895	0.0020	2.0
DV	GS09	RL05	1804.9065	0.0115	6.3
DV	GS09	GS10	455.2550	0.0035	7.6
DV	CS06	GS56	2187.9555	0.0084	3.8
DV	CS06	GS55	2235.7901	0.0095	4.3
DV	CS05	GS56	2806.4897	0.0116	4.1
DV	CS05	GS54	3456.8980	0.0139	4.0
DV	CS05	GS53	3758.0867	0.0082	2.2
DV	CS05	GS52	3998.1749	0.0097	2.4
DV	CS05	GS51	4153.4210	0.0140	3.4
DV	CS05	GS50	4542.6965	0.0270	5.9
DV	CS05	GS49	4642.2320	0.0104	2.2
DV	CS05	GS48	6028.7332	0.0308	5.1
DV	IC09	GS56	5377.0345	0.0107	2.0
DV	IC09	GS55	5119.3510	0.0113	2.2
DV	IC09	GS54	3415.9849	0.0079	2.3
DV	IC09	GS53	3039.2689	0.0042	1.4
DV	IC09	GS52	2597.3948	0.0036	1.4
DV	IC09	GS51	2520.5307	0.0097	3.8
DV	IC09	GS50	2102.5020	0.0066	3.1
DV	IC09	GS49	2087.8651	0.0033	1.6
DV	IC09	GS48	3326.6233	0.0132	4.0
DV	IC08	GS50	5581.4308	0.0077	1.4
DV	IC08	GS48	3031.4768	0.0246	8.1
DV	IC08	GS47	2664.1905	0.0048	1.8
DV	IC08	GS46	590.8134	0.0035	6.0
DV	IC08	GS45	954.3632	0.0046	4.8
DV	IC08	GS44	2497.0410	0.0052	2.1
DV	IC08	GS41	5266.1859	0.0063	1.2
DV	IGM049705	GS48	4236.8098	0.0183	4.3
DV	IGM049705	GS47	3795.5480	0.0034	0.9
DV	IGM049705	GS46	2445.0019	0.0057	2.3
DV	IGM049705	GS45	2128.8795	0.0038	1.8
DV	IGM049705	GS44	1387.8285	0.0041	2.9
DV	IGM049705	GS41	3350.8397	0.0058	1.7
DV	IC06	GS42	3138.7246	0.0035	1.1
DV	IC06	GS41	3371.0702	0.0095	2.8
DV	IC06	GS40	804.0920	0.0025	3.1

	IC06	GS39	1208.3899	0.0059	4.9
DV	IC06	GS37	2731.5072	0.0128	4.7
DV	IC07	GS42	1800.8624	0.0153	8.5
DV	IC07	GS41	1548.5899	0.0061	3.9
DV	IC07	GS40	3573.4874	0.0149	4.2
DV	IC07	GS39	3251.2223	0.0100	3.1
DV	IC07	GS38	3599.9588	0.0014	0.4
DV	IC04	GS37	4659.3504	0.0079	1.7
DV	IC04	GS36	3560.2199	0.0342	9.6
DV	IC04	GS35	3657.8954	0.0228	6.2
DV	IC04	GS34	2613.7062	0.0326	12.5
DV	IC04	GS32	2399.2819	0.0216	9.0
DV	IC04	GS31	2563.9565	0.0274	10.7
DV	IC04	GS30	3096.7164	0.0133	4.3
DV	IC04	GS29	2697.7525	0.0031	1.1
DV	IC04	GS27	3925.9069	0.0180	4.6
DV	IC05	GS38	4118.4754	0.0078	1.9
DV	IC05	GS37	4136.6494	0.0400	9.7
DV	IC05	GS36	2996.5181	0.0264	8.8
DV	IC05	GS35	3270.2569	0.0250	7.7
DV	IC05	GS34	2744.7780	0.0163	5.9
DV	IC05	GS32	2565.2343	0.0129	5.0
DV	IC05	GS31	2339.7223	0.0113	4.8
DV	IC05	GS30	2202.6302	0.0215	9.8
DV	IC05	GS29	2655.2911	0.0077	2.9
DV	IC05	GS27	2992.8636	0.0196	6.5
DV	IC05	GS26	3699.0969	0.0085	2.3
DV	IC03	RL21	4422.3348	0.0230	5.2
DV	IC03	RL19	2929.2410	0.0217	7.4
DV	IC03	RL18	2696.2155	0.0242	9.0
DV	IC03	RL17	2885.0226	0.0240	8.3
DV	IC03	GS26	4768.0342	0.0198	4.2
DV	IC03	GS25	4184.1769	0.0191	4.6
DV	IC03	GS24	4077.6397	0.0194	4.8
DV	IC03	GS23	3940.6811	0.0226	5.7
DV	IC03	GS21	3225.9555	0.0150	4.6
DV	IC03	GS19	3086.2688	0.0281	9.1
DV	IC03	GS17	3286.2285	0.0211	6.4
DV	IC03	GS16	3491.1833	0.0256	7.3
DV	IC03	GS15	4145.3608	0.0229	5.5
DV	IC03	GS14	6131.2638	0.0051	0.8
DV	IGM049703	RL21	3175.4139	0.0173	5.5
DV	IGM049703	RL19	2154.5804	0.0158	7.3
DV	IGM049703	RL18	2296.7098	0.0126	5.5
DV	IGM049703	RL17	3056.5039	0.0101	3.3
DV	IGM049703	GS26	3270.7851	0.0222	6.8
DV	IGM049703	GS25	2647.6475	0.0243	9.2
DV	IGM049703	GS24	2741.7371	0.0234	8.5
DV	IGM049703	GS23	2534.0555	0.0123	4.8
DV	IGM049703	GS21	2027.8320	0.0206	10.1
DV	IGM049703	GS19	2082.4807	0.0073	3.5
DV	IGM049703	GS17	3305.7845	0.0096	2.9
DV	IGM049703	GS16	4310.4403	0.0130	3.0
DV	IGM049703	GS15	4738.5725	0.0165	3.5
DV	CS01	RL10	3074.1670	0.0018	0.6
DV	CS01	RL05	1709.3346	0.0086	5.0
DV	CS01	GS14	3104.2420	0.0226	7.3
DV	CS01	GS13	2472.3026	0.0084	3.4
DV	CS01	GS12	1497.8028	0.0100	6.7
DV	CS01	GS11	1317.0645	0.0034	2.6
DV	CS01	GS10	809.9430	0.0130	16.0
DV	CS01	GS08	1780.3091	0.0049	2.8
DV	CS01	GS07	1922.8478	0.0036	1.9
DV	CS01	GS06	2565.3979	0.0027	1.0
DV	IGM049702	RL10	1967.3410	0.0034	1.7
DV	IGM049702	GS15	2944.5199	0.0084	2.9
DV	IGM049702	GS14	2418.7045	0.0061	2.5
DV	IGM049702	GS13	2777.8108	0.0154	5.5
DV	IGM049702	GS12	2873.3643	0.0035	1.2
DV	IGM049702	GS11	3113.9367	0.0065	2.1
DV	IGM049702	GS10	3418.3009	0.0023	0.7
DV	IGM049702	GS08	4529.9396	0.0153	3.4

	IGM049702	GS07	4750.4658	0.0060	1.3
DV	IGM049702	GS06	5463.8628	0.0141	2.6
DV	GS41	GS43	2648.3847	0.0093	3.5
DV	GS32	GS33	524.5896	0.0041	7.7
DV	GS30	GS28	1269.3951	0.0068	5.3
DV	RL21	RL22	499.7426	0.0157	31.4
DV	RL19	GS22	432.5249	0.0040	9.1
DV	GS19	GS20	335.9601	0.0013	4.0
DV	RL17	GS20	927.0810	0.0015	1.6
DV	GS15	GS18	1186.4026	0.0006	0.5
DV	GS14	RL14	2563.0030	0.0108	4.2
DV	IC08	GS43	2834.9820	0.0093	3.3
DV	IGM049705	GS43	1077.4631	0.0088	8.2
DV	IC04	GS33	2728.5852	0.0282	10.3
DV	IC04	GS28	4076.7355	0.0154	3.8
DV	IC05	RL22	3624.3153	0.0178	4.9
DV	IC05	GS33	2496.2483	0.0152	6.1
DV	IC05	GS28	2596.0265	0.0219	8.4
DV	IC03	RL22	4877.4894	0.0315	6.5
DV	IC03	RL14	3867.3095	0.0099	2.6
DV	IC03	GS22	3341.7326	0.0242	7.2
DV	IC03	GS20	2762.4842	0.0254	9.2
DV	IC03	GS18	3684.4522	0.0226	6.1
DV	IGM049703	RL14	4782.3037	0.0251	5.2
DV	IGM049703	GS22	1734.5956	0.0139	8.0
DV	IGM049703	GS20	2395.1118	0.0131	5.5
DV	IGM049703	GS18	3564.8147	0.0132	3.7
DV	CS01	GS09	410.3955	0.0143	34.9
DV	IGM049702	GS09	3770.4608	0.0175	4.6

Absolute Error Ellipses (2D - 39.4% 1D - 68.3%)

Station	A [m]	B [m]	A/B	Phi	Sd Hgt [m]
CS01	0.0000	0.0000	1.0	0°	0.0000
CS05	0.0000	0.0000	1.0	0°	0.0000
CS06	0.0000	0.0000	1.0	90°	0.0000
GS01	0.0053	0.0041	1.3	-7°	0.0134
GS02	0.0029	0.0022	1.3	11°	0.0061
GS03	0.0041	0.0030	1.3	7°	0.0086
GS04	0.0027	0.0020	1.3	4°	0.0056
GS05	0.0027	0.0019	1.4	3°	0.0054
GS06	0.0020	0.0015	1.3	7°	0.0043
GS07	0.0018	0.0015	1.2	1°	0.0043
GS08	0.0034	0.0028	1.2	2°	0.0079
GS09	0.0032	0.0028	1.1	20°	0.0071
GS10	0.0019	0.0017	1.1	5°	0.0040
GS11	0.0015	0.0012	1.3	5°	0.0033
GS12	0.0013	0.0011	1.2	14°	0.0028
GS13	0.0019	0.0014	1.3	-4°	0.0044
GS14	0.0021	0.0016	1.3	4°	0.0044
GS15	0.0020	0.0016	1.2	6°	0.0044
GS16	0.0018	0.0015	1.2	6°	0.0039
GS17	0.0018	0.0015	1.2	20°	0.0039
GS18	0.0016	0.0014	1.2	7°	0.0036
GS19	0.0019	0.0014	1.3	3°	0.0038
GS20	0.0017	0.0014	1.2	10°	0.0037
GS21	0.0025	0.0020	1.3	8°	0.0053
GS22	0.0019	0.0014	1.3	-1°	0.0041
GS23	0.0016	0.0013	1.3	9°	0.0034
GS24	0.0019	0.0015	1.3	10°	0.0040
GS25	0.0017	0.0013	1.3	6°	0.0035
GS26	0.0026	0.0021	1.3	9°	0.0056
GS27	0.0032	0.0024	1.3	-1°	0.0067
GS28	0.0026	0.0021	1.2	7°	0.0056
GS29	0.0021	0.0017	1.2	12°	0.0045
GS30	0.0024	0.0020	1.2	12°	0.0052
GS31	0.0025	0.0019	1.3	8°	0.0054
GS32	0.0026	0.0019	1.4	7°	0.0054
GS33	0.0027	0.0021	1.3	3°	0.0058
GS34	0.0020	0.0016	1.2	15°	0.0042
GS35	0.0025	0.0019	1.3	6°	0.0053
GS36	0.0026	0.0021	1.3	8°	0.0056

GS37	0.0027	0.0019	1.4	3°	0.0044
GS38	0.0030	0.0021	1.4	1°	0.0058
GS39	0.0029	0.0017	1.7	3°	0.0038
GS40	0.0037	0.0021	1.7	4°	0.0046
GS41	0.0021	0.0016	1.3	4°	0.0046
GS42	0.0042	0.0031	1.4	2°	0.0087
GS43	0.0030	0.0024	1.3	0°	0.0066
GS44	0.0020	0.0016	1.3	1°	0.0044
GS45	0.0019	0.0014	1.3	4°	0.0042
GS46	0.0018	0.0014	1.3	5°	0.0040
GS47	0.0024	0.0017	1.4	4°	0.0050
GS48	0.0042	0.0032	1.3	-6°	0.0096
GS49	0.0046	0.0033	1.4	1°	0.0085
GS50	0.0028	0.0022	1.3	6°	0.0061
GS51	0.0025	0.0019	1.3	7°	0.0056
GS52	0.0028	0.0022	1.3	4°	0.0065
GS53	0.0030	0.0022	1.4	4°	0.0063
GS54	0.0041	0.0030	1.4	-1°	0.0084
GS55	0.0023	0.0017	1.3	-6°	0.0049
GS56	0.0027	0.0019	1.4	-2°	0.0055
IC01	0.0000	0.0000	1.0	0°	0.0000
IC02	0.0000	0.0000	1.0	0°	0.0000
IC03	0.0000	0.0000	1.0	0°	0.0000
IC04	0.0000	0.0000	1.0	0°	0.0000
IC05	0.0000	0.0000	1.0	0°	0.0000
IC06	0.0000	0.0000	1.0	0°	0.0000
IC07	0.0000	0.0000	1.0	90°	0.0000
IC08	0.0000	0.0000	1.0	90°	0.0000
IC09	0.0000	0.0000	1.0	90°	0.0000
IGM049702	0.0000	0.0000	1.0	90°	0.0000
IGM049703	0.0000	0.0000	1.0	90°	0.0000
IGM049705	0.0000	0.0000	1.0	90°	0.0000
RL05	0.0026	0.0022	1.2	3°	0.0062
RL10	0.0022	0.0017	1.3	11°	0.0046
RL14	0.0026	0.0021	1.2	9°	0.0057
RL17	0.0021	0.0016	1.3	3°	0.0045
RL18	0.0018	0.0015	1.2	20°	0.0039
RL19	0.0022	0.0017	1.3	0°	0.0048
RL21	0.0026	0.0019	1.4	-1°	0.0056
RL22	0.0022	0.0017	1.3	18°	0.0045

Testing and Estimated Errors

Coordinate Tests

Station		MDB	BNR	W-Test	T-Test
CS01	Latitude	0.0045 m	999.9	0.00	0.00
	Longitude	0.0037 m	999.9	0.00	
	Height	0.0099 m	999.9	0.00	
CS05	Latitude	0.0093 m	999.9	0.00	0.00
	Longitude	0.0069 m	999.9	0.00	
	Height	0.0195 m	999.9	0.00	
CS06	Latitude	0.0109 m	999.9	0.00	0.00
	Longitude	0.0080 m	999.9	0.00	
	Height	0.0227 m	999.9	0.00	
IC01	Latitude	0.0094 m	999.9	0.00	0.00
	Longitude	0.0068 m	999.9	0.00	
	Height	0.0197 m	999.9	0.00	
IC02	Latitude	0.0080 m	999.9	0.00	0.00
	Longitude	0.0061 m	999.9	0.00	
	Height	0.0172 m	999.9	0.00	
IC03	Latitude	0.0036 m	999.9	0.00	0.00
	Longitude	0.0029 m	999.9	0.00	
	Height	0.0076 m	999.9	0.00	
IC04	Latitude	0.0054 m	999.9	0.00	0.00
	Longitude	0.0042 m	999.9	0.00	
	Height	0.0114 m	999.9	0.00	
IC05	Latitude	0.0047 m	999.9	0.00	0.00
	Longitude	0.0036 m	999.9	0.00	
	Height	0.0098 m	999.9	0.00	
IC06	Latitude	0.0095 m	999.9	0.00	0.00

	Longitude	0.0061 m	999.9	0.00	
	Height	0.0149 m	999.9	0.00	
IC07	Latitude	0.0090 m	999.9	0.00	0.00
	Longitude	0.0064 m	999.9	0.00	
	Height	0.0170 m	999.9	0.00	
IC08	Latitude	0.0063 m	999.9	0.00	0.00
	Longitude	0.0046 m	999.9	0.00	
	Height	0.0133 m	999.9	0.00	
IC09	Latitude	0.0071 m	999.9	0.00	0.00
	Longitude	0.0053 m	999.9	0.00	
	Height	0.0151 m	999.9	0.00	
IGM049702	Latitude	0.0044 m	999.9	0.00	0.00
	Longitude	0.0036 m	999.9	0.00	
	Height	0.0096 m	999.9	0.00	
IGM049703	Latitude	0.0037 m	999.9	0.00	0.00
	Longitude	0.0030 m	999.9	0.00	
	Height	0.0079 m	999.9	0.00	
IGM049705	Latitude	0.0063 m	999.9	0.00	0.00
	Longitude	0.0047 m	999.9	0.00	
	Height	0.0136 m	999.9	0.00	

Observation Tests

	Station	Target	MDB	Red	BNR	W-Test	T-Test
DX	GS02	GS03	0.0379 m	76	1.7	0.26	0.10
DY			0.0223 m	73	1.7	0.24	
DZ			0.0352 m	71	1.8	0.09	
DX	GS01	GS02	0.0405 m	58	2.5	-0.03	0.00
DY			0.0244 m	55	2.5	-0.01	
DZ			0.0366 m	50	2.6	0.05	
DX	GS04	GS05	0.0241 m	66	2.2	0.16	0.19
DY			0.0143 m	62	2.2	0.13	
DZ			0.0236 m	54	2.6	-0.69	
DX	GS03	GS04	0.0321 m	62	2.2	-0.03	0.24
DY			0.0192 m	62	2.2	0.28	
DZ			0.0308 m	57	2.4	0.57	
DX	GS05	GS06	0.0206 m	57	2.4	0.06	0.11
DY			0.0123 m	59	2.3	0.53	
DZ			0.0224 m	63	2.2	-0.28	
DX	GS07	RL05	0.0193 m	53	2.6	-0.38	0.64
DY			0.0121 m	48	2.9	0.48	
DZ			0.0186 m	47	2.8	1.08	
DX	GS07	GS08	0.0252 m	55	2.4	-0.94	0.33
DY			0.0154 m	54	2.5	0.16	
DZ			0.0235 m	53	2.5	0.37	
DX	GS06	GS07	0.0179 m	64	2.1	0.21	0.07
DY			0.0109 m	62	2.2	0.36	
DZ			0.0169 m	61	2.2	-0.29	
DX	IC02	GS06	0.0157 m	70	1.8	-0.40	0.13
DY			0.0095 m	71	1.8	0.21	
DZ			0.0145 m	68	1.9	-0.13	
DX	IC02	GS05	0.0190 m	63	2.1	0.00	0.03
DY			0.0113 m	65	2.0	-0.21	
DZ			0.0211 m	66	2.0	-0.09	
DX	IC02	GS04	0.0189 m	40	3.2	0.31	1.12
DY			0.0115 m	42	3.3	-0.74	
DZ			0.0196 m	47	2.9	-1.33	
DX	IC02	GS03	0.0309 m	62	2.0	-0.17	0.11
DY			0.0183 m	68	1.9	-0.50	
DZ			0.0324 m	74	1.7	0.31	
DX	IC02	GS02	0.0216 m	37	3.5	0.27	0.05
DY			0.0124 m	42	3.2	-0.28	
DZ			0.0198 m	40	3.5	0.01	
DX	IC02	GS01	0.0394 m	59	2.4	0.12	0.01
DY			0.0238 m	55	2.5	-0.14	
DZ			0.0361 m	59	2.4	-0.02	
DX	IC01	GS06	0.0256 m	91	0.9	0.00	0.20
DY			0.0140 m	89	1.0	0.54	
DZ			0.0232 m	90	0.9	0.27	
DX	IC01	GS05	0.0233 m	79	1.4	-0.09	0.36
DY			0.0129 m	77	1.5	0.68	
DZ			0.0271 m	83	1.2	0.57	

DX	IC01	GS04	0.0254 m	85	1.2	-0.22	0.52
DY			0.0170 m	86	1.1	0.99	
DZ			0.0271 m	86	1.2	0.54	
DX	IC01	GS03	0.0373 m	81	1.3	-0.07	0.19
DY			0.0203 m	77	1.5	0.64	
DZ			0.0341 m	76	1.5	0.22	
DX	IC01	GS02	0.0250 m	76	1.5	-0.13	0.07
DY			0.0137 m	72	1.7	0.46	
DZ			0.0228 m	75	1.6	0.01	
DX	IC01	GS01	0.0465 m	75	1.5	-0.17	0.02
DY			0.0303 m	81	1.3	0.17	
DZ			0.0458 m	83	1.4	0.09	
DX	GS08	RL05	0.0278 m	65	2.2	-0.65	0.21
DY			0.0172 m	63	2.2	0.21	
DZ			0.0261 m	61	2.2	0.75	
DX	GS55	GS54	0.0328 m	67	1.9	0.44	0.07
DY			0.0185 m	62	2.1	-0.22	
DZ			0.0312 m	61	2.1	-0.26	
DX	GS56	GS55	0.0228 m	60	2.2	-0.12	0.03
DY			0.0118 m	51	2.7	-0.09	
DZ			0.0213 m	54	2.4	0.26	
DX	GS53	GS54	0.0371 m	70	1.7	-0.45	0.11
DY			0.0213 m	71	1.8	-0.10	
DZ			0.0396 m	76	1.6	0.52	
DX	GS52	GS53	0.0242 m	59	2.5	-0.21	0.08
DY			0.0152 m	58	2.3	0.45	
DZ			0.0248 m	55	2.6	0.12	
DX	GS51	GS52	0.0216 m	51	2.9	0.20	0.04
DY			0.0137 m	51	2.7	-0.29	
DZ			0.0218 m	49	2.9	-0.11	
DX	GS50	GS51	0.0220 m	48	2.9	0.63	0.45
DY			0.0136 m	50	2.8	-0.85	
DZ			0.0215 m	46	3.0	0.23	
DX	GS49	GS50	0.0338 m	67	2.1	0.36	0.05
DY			0.0196 m	55	2.5	-0.09	
DZ			0.0360 m	55	2.5	-0.10	
DX	GS48	GS49	0.0453 m	77	1.6	-0.15	0.18
DY			0.0262 m	72	1.7	-0.67	
DZ			0.0480 m	70	1.7	0.18	
DX	GS47	GS48	0.0519 m	88	1.0	0.21	0.06
DY			0.0277 m	85	1.2	-0.11	
DZ			0.0537 m	86	1.1	-0.41	
DX	GS46	GS47	0.0188 m	53	2.5	-0.18	0.66
DY			0.0112 m	61	2.3	0.14	
DZ			0.0188 m	63	2.3	-0.97	
DX	GS45	GS46	0.0134 m	22	5.1	0.01	0.04
DY			0.0083 m	23	5.2	-0.08	
DZ			0.0136 m	23	5.0	-0.23	
DX	GS44	GS45	0.0166 m	57	2.5	0.38	0.06
DY			0.0108 m	61	2.2	-0.01	
DZ			0.0171 m	60	2.4	-0.42	
DX	GS43	GS44	0.0232 m	55	2.4	0.42	0.95
DY			0.0147 m	61	2.2	1.33	
DZ			0.0231 m	57	2.4	-1.08	
DX	GS41	GS42	0.0296 m	45	3.1	0.79	0.27
DY			0.0172 m	39	3.5	0.26	
DZ			0.0296 m	38	3.4	-0.70	
DX	GS40	GS42	0.0385 m	75	1.7	-0.35	0.13
DY			0.0228 m	75	1.6	0.49	
DZ			0.0406 m	74	1.8	0.37	
DX	GS39	GS40	0.0250 m	74	2.2	-0.15	0.06
DY			0.0136 m	59	2.3	0.21	
DZ			0.0276 m	51	2.9	0.35	
DX	GS38	GS39	0.0249 m	64	2.3	0.52	0.72
DY			0.0132 m	58	2.4	0.70	
DZ			0.0240 m	53	2.6	0.52	
DX	GS37	GS38	0.0251 m	66	2.2	-0.24	0.10
DY			0.0146 m	64	2.1	0.42	
DZ			0.0245 m	62	2.3	0.35	
DX	GS35	GS37	0.0307 m	82	1.4	0.83	0.47
DY			0.0168 m	76	1.6	0.39	
DZ			0.0268 m	74	1.6	0.05	

	GS36	GS35	0.0249 m	66	2.0	-0.02	0.03	
DY			0.0151 m	67	2.0	0.20		
DZ			0.0224 m	63	2.1	-0.17		
DX	GS34	GS36	0.0209 m	56	2.5	0.43	0.25	
DY			0.0129 m	58	2.4	0.13		
DZ			0.0193 m	55	2.5	0.26		
DX	GS33	GS34	0.0220 m	65	2.2	-0.55	0.23	
DY			0.0131 m	60	2.3	-0.35		
DZ			0.0207 m	57	2.4	0.10		
DX	GS31	GS32	0.0314 m	79	1.4	-0.03	0.04	
DY			0.0173 m	77	1.5	-0.06		
DZ			0.0284 m	78	1.5	0.29		
DX	GS30	GS31	0.0242 m	69	1.9	-0.63	0.84	
DY			0.0149 m	70	1.8	-0.40		
DZ			0.0227 m	68	1.9	-0.60		
DX	GS29	GS31	0.0220 m	66	2.0	0.91	2.89	⚠
DY			0.0137 m	68	1.9	0.08		
DZ			0.0206 m	67	2.0	1.51		
DX	GS29	GS30	0.0216 m	67	1.9	-0.65	1.19	
DY			0.0130 m	65	2.0	0.02		
DZ			0.0215 m	68	1.9	-0.99		
DX	GS29	GS27	0.0276 m	69	1.8	-0.57	0.87	
DY			0.0167 m	70	1.8	0.23		
DZ			0.0277 m	74	1.7	-0.85		
DX	GS28	GS29	0.0245 m	74	1.7	0.25	1.15	
DY			0.0162 m	76	1.6	-0.07		
DZ			0.0234 m	73	1.7	1.21		
DX	GS28	GS27	0.0411 m	86	1.1	-0.21	0.08	
DY			0.0240 m	84	1.2	-0.20		
DZ			0.0352 m	82	1.3	0.46		
DX	GS28	GS26	0.0327 m	81	1.4	0.31	0.33	
DY			0.0216 m	84	1.2	-0.26		
DZ			0.0317 m	82	1.3	0.51		
DX	RL22	GS27	0.0265 m	64	2.0	0.35	0.33	
DY			0.0160 m	66	2.0	0.59		
DZ			0.0260 m	68	1.9	0.19		
DX	RL21	GS26	0.0338 m	81	1.3	0.23	0.09	
DY			0.0189 m	80	1.4	0.37		
DZ			0.0344 m	84	1.2	-0.39		
DX	GS24	GS25	0.0151 m	61	2.3	0.19	0.32	
DY			0.0088 m	58	2.4	-0.62		
DZ			0.0141 m	59	2.3	0.57		
DX	GS25	GS26	0.0229 m	68	1.9	-0.46	0.27	
DY			0.0148 m	73	1.7	0.66		
DZ			0.0214 m	69	1.9	-0.14		
DX	GS23	GS25	0.0134 m	54	2.5	-0.84	1.48	
DY			0.0076 m	49	2.8	0.75		
DZ			0.0128 m	56	2.4	-1.09		
DX	GS23	GS24	0.0140 m	49	2.9	-0.20	0.35	
DY			0.0086 m	55	2.6	-0.92		
DZ			0.0129 m	49	2.9	0.57		
DX	GS22	GS23	0.0160 m	63	2.3	-0.83	0.33	
DY			0.0094 m	57	2.5	-0.32		
DZ			0.0151 m	56	2.4	0.44		
DX	GS22	GS21	0.0214 m	64	2.0	0.63	0.41	
DY			0.0134 m	67	2.0	0.47		
DZ			0.0215 m	70	1.8	0.05		
DX	RL18	RL19	0.0191 m	59	2.3	0.35	0.06	
DY			0.0123 m	65	2.0	-0.25		
DZ			0.0176 m	61	2.3	-0.09		
DX	GS19	RL18	0.0205 m	77	1.5	-0.24	0.10	
DY			0.0121 m	76	1.6	-0.44		
DZ			0.0202 m	79	1.4	0.26		
DX	GS19	RL17	0.0208 m	74	1.6	0.61	0.19	
DY			0.0120 m	74	1.6	-0.03		
DZ			0.0199 m	75	1.6	-0.02		
DX	GS20	RL18	0.0178 m	73	1.8	0.31	0.08	
DY			0.0108 m	68	1.9	-0.02		
DZ			0.0164 m	68	1.9	-0.49		
DX	GS17	RL17	0.0190 m	63	2.1	-0.39	0.14	
DY			0.0114 m	61	2.2	-0.36		
DZ			0.0171 m	60	2.2	0.59		

DX	GS18	GS17	0.0148 m	49	2.8	0.35	0.24
DY			0.0094 m	49	2.8	0.39	
DZ			0.0141 m	52	2.7	0.22	
DX	GS18	GS16	0.0138 m	47	3.1	-0.16	0.22
DY			0.0085 m	44	3.3	0.80	
DZ			0.0129 m	42	3.2	0.10	
DX	GS15	GS16	0.0191 m	70	1.8	-0.55	0.41
DY			0.0109 m	65	2.0	-0.84	
DZ			0.0182 m	71	1.7	0.64	
DX	RL14	GS16	0.0247 m	73	1.7	-0.56	0.37
DY			0.0162 m	76	1.6	-0.58	
DZ			0.0226 m	72	1.7	-0.07	
DX	RL10	GS15	0.0308 m	86	1.1	0.12	0.12
DY			0.0178 m	85	1.2	-0.20	
DZ			0.0310 m	88	1.0	0.41	
DX	GS14	RL10	0.0181 m	52	2.7	-0.08	0.01
DY			0.0111 m	55	2.6	0.10	
DZ			0.0179 m	56	2.5	-0.10	
DX	GS14	GS15	0.0484 m	95	0.6	-0.17	0.23
DY			0.0296 m	95	0.6	-0.42	
DZ			0.0403 m	93	0.7	-0.33	
DX	GS14	GS13	0.0385 m	92	0.8	0.50	0.38
DY			0.0230 m	92	0.8	0.49	
DZ			0.0387 m	93	0.7	0.15	
DX	GS13	GS12	0.0146 m	63	2.2	0.49	0.52
DY			0.0088 m	62	2.2	0.19	
DZ			0.0138 m	62	2.2	0.40	
DX	GS13	GS11	0.0168 m	73	1.7	-0.20	0.55
DY			0.0100 m	72	1.7	0.85	
DZ			0.0161 m	72	1.7	-0.67	
DX	GS12	RL10	0.0201 m	73	1.6	0.23	0.02
DY			0.0119 m	72	1.7	0.03	
DZ			0.0208 m	80	1.5	-0.11	
DX	GS12	GS11	0.0110 m	43	3.1	-0.19	0.35
DY			0.0065 m	40	3.4	-0.83	
DZ			0.0110 m	49	2.9	-0.24	
DX	GS10	GS12	0.0156 m	68	1.9	-0.22	1.29
DY			0.0096 m	57	2.4	-0.20	
DZ			0.0145 m	63	2.1	-1.33	
DX	GS10	GS11	0.0179 m	75	1.6	0.49	0.09
DY			0.0130 m	81	1.4	0.11	
DZ			0.0169 m	73	1.7	-0.44	
DX	GS09	RL05	0.0279 m	66	2.1	0.31	0.36
DY			0.0188 m	66	2.0	0.14	
DZ			0.0285 m	71	1.9	-0.93	
DX	GS09	GS10	0.0297 m	75	1.6	-0.43	0.11
DY			0.0197 m	74	1.7	0.00	
DZ			0.0268 m	68	1.8	0.54	
DX	CS06	GS56	0.0204 m	65	2.0	1.15	0.60
DY			0.0110 m	63	2.2	-0.43	
DZ			0.0193 m	62	2.1	-0.12	
DX	CS06	GS55	0.0163 m	57	2.4	1.15	0.90
DY			0.0097 m	60	2.3	-0.14	
DZ			0.0162 m	61	2.3	0.12	
DX	CS05	GS56	0.0378 m	93	0.8	-0.32	0.18
DY			0.0240 m	94	0.7	-0.11	
DZ			0.0374 m	94	0.7	0.70	
DX	CS05	GS54	0.0362 m	81	1.4	-0.25	0.29
DY			0.0225 m	83	1.3	0.43	
DZ			0.0355 m	81	1.4	0.67	
DX	CS05	GS53	0.0246 m	76	1.5	-0.10	0.25
DY			0.0146 m	77	1.5	-0.24	
DZ			0.0265 m	78	1.5	0.78	
DX	CS05	GS52	0.0251 m	82	1.3	-0.31	0.26
DY			0.0162 m	82	1.3	0.29	
DZ			0.0253 m	81	1.4	0.69	
DX	CS05	GS51	0.0261 m	84	1.1	-0.46	0.70
DY			0.0146 m	81	1.3	0.53	
DZ			0.0274 m	86	1.1	1.28	
DX	CS05	GS50	0.0271 m	83	1.3	-0.36	1.55
DY			0.0171 m	84	1.2	0.17	
DZ			0.0263 m	83	1.3	1.75	

	CS05	GS49	0.0352 m	59	2.2	-0.11	0.19
DY			0.0210 m	74	1.6	0.51	
DZ			0.0568 m	85	1.1	0.51	
DX	CS05	GS48	0.0558 m	94	0.8	-0.19	0.34
DY			0.0330 m	92	0.9	0.52	
DZ			0.0576 m	92	0.8	0.75	
DX	IC09	GS56	0.0202 m	65	2.1	-1.07	0.65
DY			0.0117 m	70	1.8	0.42	
DZ			0.0197 m	69	2.0	0.00	
DX	IC09	GS55	0.0169 m	64	2.1	-0.87	0.90
DY			0.0100 m	66	2.0	0.11	
DZ			0.0166 m	65	2.1	-0.46	
DX	IC09	GS54	0.0295 m	64	2.2	0.16	0.21
DY			0.0181 m	66	2.0	-0.04	
DZ			0.0294 m	64	2.2	-0.70	
DX	IC09	GS53	0.0204 m	52	2.6	0.01	0.16
DY			0.0123 m	52	2.7	-0.22	
DZ			0.0218 m	55	2.5	-0.45	
DX	IC09	GS52	0.0208 m	64	2.0	-0.12	0.12
DY			0.0130 m	67	2.1	0.42	
DZ			0.0218 m	68	1.8	-0.38	
DX	IC09	GS51	0.0181 m	57	2.4	-0.03	0.80
DY			0.0111 m	58	2.4	0.05	
DZ			0.0182 m	57	2.5	-1.14	
DX	IC09	GS50	0.0220 m	69	1.9	0.13	0.20
DY			0.0139 m	72	1.7	-0.15	
DZ			0.0217 m	71	1.8	-0.62	
DX	IC09	GS49	0.0314 m	71	2.2	0.54	0.12
DY			0.0202 m	71	1.8	-0.07	
DZ			0.0353 m	64	2.4	-0.55	
DX	IC09	GS48	0.0340 m	77	1.5	0.14	0.18
DY			0.0224 m	81	1.4	0.06	
DZ			0.0367 m	75	1.6	0.39	
DX	IC08	GS50	0.0318 m	89	1.0	0.80	0.51
DY			0.0167 m	83	1.3	-0.95	
DZ			0.0284 m	83	1.2	-0.69	
DX	IC08	GS48	0.0309 m	64	1.9	-0.65	0.84
DY			0.0191 m	69	1.9	-0.33	
DZ			0.0370 m	78	1.6	-0.53	
DX	IC08	GS47	0.0244 m	85	1.2	0.16	0.08
DY			0.0127 m	82	1.3	0.27	
DZ			0.0218 m	81	1.3	0.09	
DX	IC08	GS46	0.0151 m	75	1.5	0.54	0.44
DY			0.0092 m	76	1.6	0.93	
DZ			0.0154 m	76	1.5	-0.67	
DX	IC08	GS45	0.0194 m	87	1.1	0.86	0.32
DY			0.0124 m	86	1.1	0.18	
DZ			0.0198 m	87	1.1	-0.89	
DX	IC08	GS44	0.0157 m	68	1.8	0.93	0.37
DY			0.0092 m	65	2.1	0.16	
DZ			0.0153 m	65	1.9	-0.33	
DX	IC08	GS41	0.0203 m	84	1.2	0.44	0.17
DY			0.0115 m	81	1.3	0.20	
DZ			0.0197 m	80	1.3	0.07	
DX	IGM049705	GS48	0.0365 m	84	1.4	0.47	0.29
DY			0.0223 m	80	1.4	-0.51	
DZ			0.0383 m	79	1.5	0.08	
DX	IGM049705	GS47	0.0173 m	49	2.9	0.12	0.27
DY			0.0097 m	45	3.1	-0.36	
DZ			0.0164 m	43	3.1	0.65	
DX	IGM049705	GS46	0.0140 m	73	1.8	-0.64	0.45
DY			0.0089 m	71	1.8	-0.71	
DZ			0.0142 m	71	1.8	0.12	
DX	IGM049705	GS45	0.0151 m	72	1.6	-1.00	0.38
DY			0.0092 m	73	1.7	-0.21	
DZ			0.0154 m	73	1.7	0.81	
DX	IGM049705	GS44	0.0150 m	66	2.1	-0.83	0.63
DY			0.0092 m	64	2.1	-0.99	
DZ			0.0147 m	65	2.1	0.64	
DX	IGM049705	GS41	0.0175 m	77	1.5	-1.07	0.86
DY			0.0099 m	71	1.8	-0.96	
DZ			0.0170 m	71	1.7	1.14	

	IC06	GS42	0.0346 m	76	1.6	-0.34		0.07	
DY			0.0206 m	77	1.5	-0.27			
DZ			0.0345 m	76	1.6	0.29			
DX	IC06	GS41	0.0190 m	82	1.3	0.16		0.30	
DY			0.0126 m	85	1.2	-0.29			
DZ			0.0204 m	86	1.2	-0.70			
DX	IC06	GS40	0.0212 m	30	4.4	-0.59		0.21	
DY			0.0119 m	49	2.9	-0.03			
DZ			0.0290 m	65	2.2	-0.34			
DX	IC06	GS39	0.0180 m	41	3.6	-1.18		1.06	
DY			0.0099 m	59	2.4	-0.75			
DZ			0.0252 m	72	2.0	-0.72			
DX	IC06	GS37	0.0202 m	50	2.9	-2.22	⚠	2.79	⚠
DY			0.0120 m	73	1.7	-0.81			
DZ			0.0308 m	83	1.4	-1.15			
DX	IC07	GS42	0.0507 m	90	0.9	-0.39		0.31	
DY			0.0345 m	93	0.7	-0.81			
DZ			0.0537 m	92	0.9	0.33			
DX	IC07	GS41	0.0160 m	70	1.8	0.79		0.61	
DY			0.0104 m	75	1.6	0.95			
DZ			0.0169 m	77	1.7	-0.53			
DX	IC07	GS40	0.0285 m	89	1.2	0.71		0.39	
DY			0.0160 m	83	1.3	0.15			
DZ			0.0321 m	79	1.5	0.27			
DX	IC07	GS39	0.0196 m	79	1.8	0.76		0.54	
DY			0.0108 m	71	1.8	0.41			
DZ			0.0213 m	64	2.3	0.41			
DX	IC07	GS38	0.0268 m	80	1.4	0.03		0.02	
DY			0.0148 m	80	1.4	0.20			
DZ			0.0268 m	82	1.3	0.04			
DX	IC04	GS37	0.0221 m	84	1.5	-0.07		0.24	
DY			0.0130 m	78	1.5	0.30			
DZ			0.0217 m	75	1.7	-0.62			
DX	IC04	GS36	0.0221 m	72	1.6	-1.98	⚠	4.56	⚠
DY			0.0130 m	73	1.7	0.06			
DZ			0.0214 m	77	1.5	-1.23			
DX	IC04	GS35	0.0195 m	67	2.0	-0.87		2.98	⚠
DY			0.0119 m	70	1.8	-0.30			
DZ			0.0176 m	67	2.0	-1.52			
DX	IC04	GS34	0.0182 m	79	1.4	-2.58	⚠	5.57	⚠
DY			0.0108 m	77	1.5	-0.34			
DZ			0.0175 m	81	1.3	-0.84			
DX	IC04	GS32	0.0209 m	74	1.8	-0.93		2.08	⚠
DY			0.0117 m	69	1.9	0.11			
DZ			0.0194 m	66	1.9	-1.20			
DX	IC04	GS31	0.0217 m	77	1.6	-0.70		2.51	⚠
DY			0.0124 m	75	1.6	0.16			
DZ			0.0197 m	75	1.6	-1.52			
DX	IC04	GS30	0.0183 m	64	2.1	-0.28		1.12	
DY			0.0117 m	67	2.0	-0.28			
DZ			0.0181 m	66	2.1	-1.12			
DX	IC04	GS29	0.0190 m	79	1.4	-0.53		0.17	
DY			0.0114 m	77	1.5	-0.37			
DZ			0.0191 m	81	1.3	0.53			
DX	IC04	GS27	0.0279 m	80	1.4	-0.49		0.58	
DY			0.0168 m	79	1.4	-0.36			
DZ			0.0265 m	78	1.5	-0.45			
DX	IC05	GS38	0.0224 m	67	2.0	0.65		0.31	
DY			0.0121 m	64	2.1	0.13			
DZ			0.0208 m	61	2.2	0.13			
DX	IC05	GS37	0.0211 m	82	1.6	1.62		5.12	⚠
DY			0.0124 m	75	1.6	0.61			
DZ			0.0208 m	72	1.8	1.63			
DX	IC05	GS36	0.0216 m	74	1.7	1.48		2.48	⚠
DY			0.0127 m	71	1.8	-0.02			
DZ			0.0199 m	72	1.7	0.72			
DX	IC05	GS35	0.0186 m	59	2.4	1.35		4.62	⚠
DY			0.0109 m	56	2.5	0.38			
DZ			0.0169 m	59	2.3	1.61			
DX	IC05	GS34	0.0145 m	45	3.1	2.70	⚠	6.43	⚠
DY			0.0090 m	49	2.8	0.62			

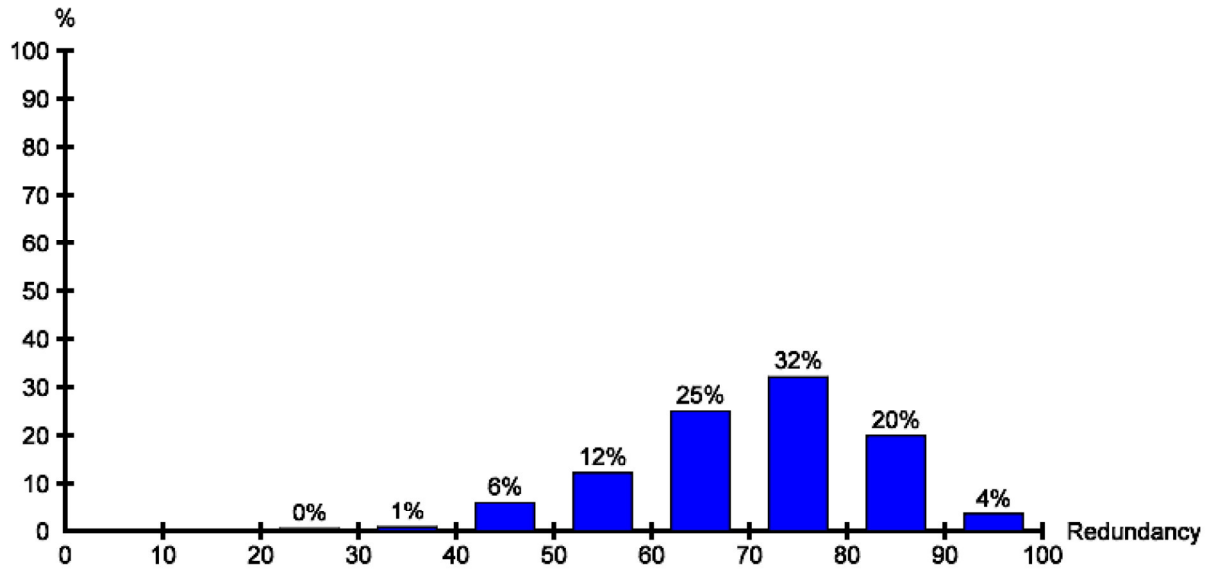
DZ			0.0136 m	45	3.1	0.77		
DX	IC05	GS32	0.0189 m	47	2.7	0.99	1.72	
DY			0.0109 m	55	2.5	-0.03		
DZ			0.0185 m	60	2.4	0.98		
DX	IC05	GS31	0.0200 m	71	1.9	0.32	0.60	
DY			0.0115 m	68	2.0	0.05		
DZ			0.0181 m	67	1.9	0.73		
DX	IC05	GS30	0.0223 m	80	1.4	0.31	1.63	
DY			0.0133 m	78	1.5	-0.12		
DZ			0.0222 m	80	1.3	1.56		
DX	IC05	GS29	0.0154 m	60	2.3	0.13	0.81	
DY			0.0100 m	65	2.0	0.57		
DZ			0.0152 m	63	2.2	-1.26		
DX	IC05	GS27	0.0256 m	75	1.7	0.77	0.96	
DY			0.0154 m	73	1.7	-0.33		
DZ			0.0244 m	73	1.7	0.66		
DX	IC05	GS26	0.0270 m	84	1.2	0.11	0.26	
DY			0.0166 m	86	1.2	-0.61		
DZ			0.0271 m	87	1.1	0.56		
DX	IC03	RL21	0.0201 m	66	1.9	-1.28	3.08	⚠
DY			0.0120 m	69	1.8	-0.98		
DZ			0.0198 m	70	1.8	-0.92		
DX	IC03	RL19	0.0184 m	74	1.7	-1.46	2.32	⚠
DY			0.0105 m	71	1.8	-0.33		
DZ			0.0170 m	72	1.7	-0.49		
DX	IC03	RL18	0.0173 m	81	1.3	-1.99 ⚠	3.36	⚠
DY			0.0115 m	83	1.3	-1.04		
DZ			0.0161 m	81	1.3	-0.31		
DX	IC03	RL17	0.0203 m	83	1.3	-1.06	1.77	
DY			0.0120 m	82	1.3	-0.09		
DZ			0.0190 m	82	1.3	-0.77		
DX	IC03	GS26	0.0224 m	76	1.6	-0.99	1.96	⚠
DY			0.0135 m	74	1.6	-1.34		
DZ			0.0206 m	73	1.7	-0.50		
DX	IC03	GS25	0.0142 m	74	1.7	-1.08	3.70	⚠
DY			0.0091 m	79	1.4	-1.25		
DZ			0.0131 m	75	1.7	-1.34		
DX	IC03	GS24	0.0168 m	78	1.5	-1.11	2.21	⚠
DY			0.0095 m	73	1.7	-0.09		
DZ			0.0156 m	77	1.5	-1.06		
DX	IC03	GS23	0.0145 m	78	1.5	-0.88	4.28	⚠
DY			0.0093 m	81	1.4	-0.62		
DZ			0.0132 m	77	1.6	-1.96 ⚠		
DX	IC03	GS21	0.0182 m	52	2.7	-1.89	3.29	⚠
DY			0.0114 m	57	2.4	-1.21		
DZ			0.0171 m	51	2.8	-0.18		
DX	IC03	GS19	0.0204 m	89	1.1	-1.12	2.05	⚠
DY			0.0123 m	88	1.0	-0.24		
DZ			0.0192 m	86	1.1	-0.78		
DX	IC03	GS17	0.0167 m	79	1.4	-1.53	2.89	⚠
DY			0.0109 m	80	1.4	-1.14		
DZ			0.0153 m	78	1.5	-0.56		
DX	IC03	GS16	0.0191 m	86	1.1	-0.81	2.77	⚠
DY			0.0122 m	87	1.1	-1.17		
DZ			0.0176 m	84	1.2	-1.21		
DX	IC03	GS15	0.0193 m	81	1.3	-0.73	2.33	⚠
DY			0.0123 m	83	1.3	-1.18		
DZ			0.0187 m	83	1.3	-1.12		
DX	IC03	GS14	0.0269 m	91	0.9	0.04	0.09	
DY			0.0169 m	91	0.8	-0.37		
DZ			0.0248 m	90	0.9	-0.26		
DX	IGM049703	RL21	0.0188 m	49	3.0	1.64	3.82	⚠
DY			0.0110 m	46	3.0	1.30		
DZ			0.0182 m	43	3.2	0.58		
DX	IGM049703	RL19	0.0186 m	74	1.7	0.96	1.23	
DY			0.0105 m	71	1.8	0.46		
DZ			0.0174 m	73	1.6	0.38		
DX	IGM049703	RL18	0.0135 m	57	2.4	1.73	2.86	⚠
DY			0.0089 m	61	2.2	0.96		
DZ			0.0127 m	60	2.3	0.40		
DX	IGM049703	RL17	0.0186 m	78	1.5	0.55	0.44	

DY			0.0110 m	78	1.5	0.30		
DZ			0.0175 m	78	1.5	0.25		
DX	IGM049703	GS26	0.0239 m	80	1.4	1.05	1.65	
DY			0.0138 m	77	1.6	1.16		
DZ			0.0228 m	79	1.4	0.12		
DX	IGM049703	GS25	0.0135 m	72	1.8	1.44	6.23	⚠
DY			0.0078 m	68	1.9	1.20		
DZ			0.0127 m	71	1.8	1.79		
DX	IGM049703	GS24	0.0166 m	76	1.5	1.55	3.31	⚠
DY			0.0108 m	80	1.4	0.49		
DZ			0.0156 m	79	1.5	1.01		
DX	IGM049703	GS23	0.0142 m	76	1.5	0.49	1.49	
DY			0.0083 m	75	1.6	0.77		
DZ			0.0138 m	79	1.4	1.08		
DX	IGM049703	GS21	0.0197 m	71	1.9	1.46	2.16	⚠
DY			0.0116 m	64	2.2	0.83		
DZ			0.0184 m	67	1.9	0.15		
DX	IGM049703	GS19	0.0135 m	57	2.4	0.75	0.90	
DY			0.0080 m	56	2.5	0.30		
DZ			0.0134 m	61	2.2	0.61		
DX	IGM049703	GS17	0.0142 m	65	2.0	0.68	1.06	
DY			0.0092 m	66	2.0	0.29		
DZ			0.0132 m	65	2.0	0.74		
DX	IGM049703	GS16	0.0137 m	63	2.1	1.45	2.31	⚠
DY			0.0087 m	65	2.0	0.99		
DZ			0.0134 m	68	2.0	0.38		
DX	IGM049703	GS15	0.0206 m	85	1.2	0.11	1.02	
DY			0.0125 m	84	1.2	1.01		
DZ			0.0191 m	84	1.2	0.75		
DX	CS01	RL10	0.0201 m	81	1.4	0.14	0.03	
DY			0.0118 m	79	1.4	0.02		
DZ			0.0187 m	78	1.4	-0.29		
DX	CS01	RL05	0.0192 m	58	2.3	0.61	0.66	
DY			0.0127 m	63	2.1	-0.75		
DZ			0.0195 m	66	2.1	-1.05		
DX	CS01	GS14	0.0178 m	76	1.5	-0.98	2.62	⚠
DY			0.0108 m	76	1.5	0.12		
DZ			0.0178 m	78	1.5	-1.47		
DX	CS01	GS13	0.0143 m	67	2.0	-0.11	0.87	
DY			0.0086 m	66	2.0	0.69		
DZ			0.0134 m	66	2.0	-1.06		
DX	CS01	GS12	0.0136 m	84	1.2	-0.33	0.74	
DY			0.0080 m	81	1.3	-0.36		
DZ			0.0138 m	86	1.1	-0.84		
DX	CS01	GS11	0.0150 m	84	1.2	0.29	0.33	
DY			0.0087 m	82	1.3	0.92		
DZ			0.0141 m	80	1.3	-0.15		
DX	CS01	GS10	0.0142 m	64	2.2	0.49	2.26	⚠
DY			0.0103 m	70	1.9	0.04		
DZ			0.0141 m	68	2.0	-2.29	⚠	
DX	CS01	GS08	0.0347 m	84	1.2	0.21	0.04	
DY			0.0237 m	88	1.1	-0.15		
DZ			0.0357 m	89	1.1	-0.29		
DX	CS01	GS07	0.0157 m	80	1.5	0.97	0.45	
DY			0.0097 m	75	1.6	-0.52		
DZ			0.0149 m	73	1.6	-1.00		
DX	CS01	GS06	0.0172 m	79	1.5	0.53	0.22	
DY			0.0104 m	78	1.5	-0.61		
DZ			0.0162 m	77	1.5	-0.51		
DX	IGM049702	RL10	0.0176 m	72	1.8	-0.18	0.17	
DY			0.0107 m	72	1.7	-0.27		
DZ			0.0162 m	65	2.0	0.65		
DX	IGM049702	GS15	0.0182 m	78	1.5	0.05	0.52	
DY			0.0115 m	80	1.4	-0.60		
DZ			0.0168 m	77	1.5	0.88		
DX	IGM049702	GS14	0.0176 m	75	1.6	0.30	0.33	
DY			0.0107 m	76	1.6	-0.61		
DZ			0.0175 m	77	1.5	0.54		
DX	IGM049702	GS13	0.0168 m	80	1.4	0.28	1.02	
DY			0.0102 m	80	1.4	0.05		
DZ			0.0159 m	80	1.4	0.99		

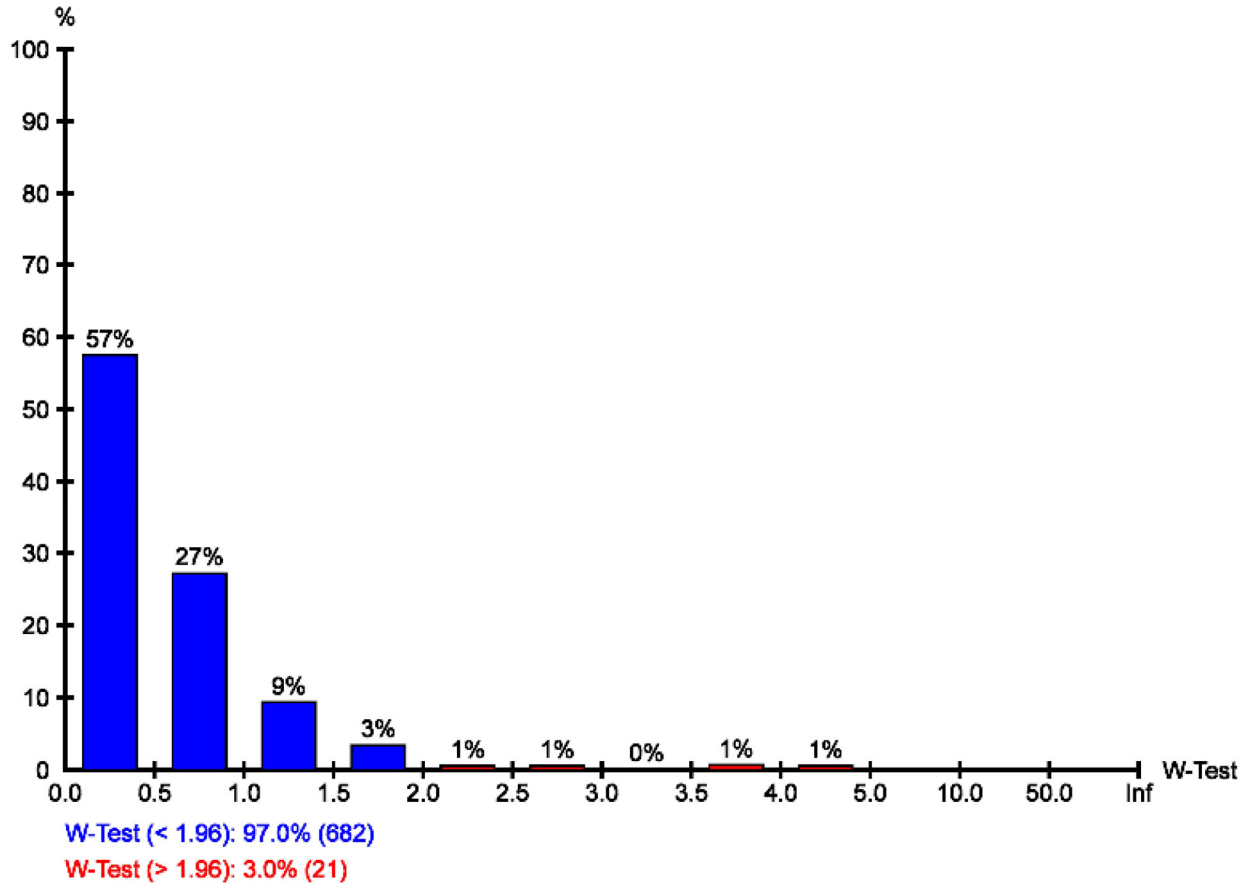
DX	IGM049702	GS12	0.0101 m	62	2.2	0.00	0.51	
DY			0.0068 m	71	1.8	-0.55		
DZ			0.0097 m	58	2.3	0.93		
DX	IGM049702	GS11	0.0119 m	67	1.9	-0.21	0.76	
DY			0.0070 m	65	2.0	-0.50		
DZ			0.0122 m	73	1.7	1.23		
DX	IGM049702	GS10	0.0171 m	79	1.4	-0.12	0.06	
DY			0.0121 m	81	1.4	-0.20		
DZ			0.0160 m	78	1.5	0.40		
DX	IGM049702	GS08	0.0300 m	78	1.5	0.23	0.41	
DY			0.0181 m	75	1.6	0.15		
DZ			0.0277 m	74	1.6	0.59		
DX	IGM049702	GS07	0.0129 m	52	2.6	-1.68	1.60	
DY			0.0084 m	59	2.3	0.59		
DZ			0.0130 m	63	2.4	2.05	⚠	
DX	IGM049702	GS06	0.0291 m	93	0.7	0.09	0.30	
DY			0.0186 m	94	0.7	-0.24		
DZ			0.0275 m	93	0.7	0.67		
DX	GS41	GS43	0.0271 m	73	1.7	-0.22	0.30	
DY			0.0177 m	75	1.6	-0.45		
DZ			0.0275 m	75	1.7	0.78		
DX	GS32	GS33	0.0276 m	75	1.8	0.20	0.04	
DY			0.0160 m	71	1.8	0.05		
DZ			0.0258 m	68	1.9	0.04		
DX	GS30	GS28	0.0271 m	74	1.6	-0.15	0.11	
DY			0.0172 m	76	1.6	-0.09		
DZ			0.0268 m	76	1.5	-0.31		
DX	RL21	RL22	0.0378 m	88	1.0	0.63	0.30	
DY			0.0219 m	88	1.0	0.37		
DZ			0.0365 m	88	1.0	-0.12		
DX	RL19	GS22	0.0192 m	63	2.2	-0.17	0.09	
DY			0.0112 m	61	2.3	-0.09		
DZ			0.0181 m	60	2.2	-0.22		
DX	GS19	GS20	0.0147 m	53	2.6	-0.25	0.11	
DY			0.0086 m	52	2.7	0.50		
DZ			0.0142 m	52	2.6	-0.10		
DX	RL17	GS20	0.0169 m	61	2.3	-0.23	0.03	
DY			0.0102 m	60	2.3	-0.14		
DZ			0.0158 m	59	2.4	0.12		
DX	GS15	GS18	0.0178 m	68	1.9	-0.01	0.01	
DY			0.0111 m	70	1.8	-0.17		
DZ			0.0166 m	66	1.9	0.03		
DX	GS14	RL14	0.0196 m	41	3.3	-0.82	2.25	⚠
DY			0.0123 m	42	3.2	-1.03		
DZ			0.0182 m	39	3.4	-0.95		
DX	IC08	GS43	0.0261 m	77	1.5	0.84	1.01	
DY			0.0148 m	71	1.8	1.00		
DZ			0.0251 m	73	1.6	-1.42		
DX	IGM049705	GS43	0.0244 m	74	1.7	-0.14	0.34	
DY			0.0155 m	74	1.6	0.75		
DZ			0.0242 m	75	1.7	-0.45		
DX	IC04	GS33	0.0221 m	72	1.7	-1.70	2.91	⚠
DY			0.0132 m	74	1.6	-0.34		
DZ			0.0225 m	77	1.5	-0.68		
DX	IC04	GS28	0.0250 m	83	1.3	-0.81	0.55	
DY			0.0157 m	82	1.3	-0.43		
DZ			0.0239 m	83	1.3	0.07		
DX	IC05	RL22	0.0161 m	45	3.1	0.72	7.39	⚠
DY			0.0096 m	44	3.1	1.09		
DZ			0.0146 m	43	3.2	2.87	⚠	
DX	IC05	GS33	0.0204 m	63	2.0	0.92	1.20	
DY			0.0122 m	66	2.0	-0.04		
DZ			0.0206 m	70	1.9	0.69		
DX	IC05	GS28	0.0199 m	63	2.1	1.04	3.46	⚠
DY			0.0122 m	59	2.3	0.10		
DZ			0.0182 m	58	2.3	1.62		
DX	IC03	RL22	0.0174 m	70	1.8	-0.84	7.80	⚠
DY			0.0105 m	70	1.8	-0.98		
DZ			0.0157 m	69	1.9	-2.91	⚠	
DX	IC03	RL14	0.0282 m	87	1.1	-0.29	0.32	
DY			0.0170 m	85	1.2	-0.79		

DZ			0.0259 m	86	1.1	0.10		
DX	IC03	GS22	0.0184 m	83	1.2	-1.77	2.67	⚠
DY			0.0116 m	85	1.2	-0.90		
DZ			0.0189 m	85	1.2	-0.13		
DX	IC03	GS20	0.0173 m	83	1.2	-1.51	3.55	⚠
DY			0.0102 m	82	1.3	-1.14		
DZ			0.0170 m	85	1.2	-0.97		
DX	IC03	GS18	0.0181 m	87	1.1	-1.45	2.43	⚠
DY			0.0116 m	87	1.1	-1.12		
DZ			0.0162 m	85	1.2	-0.42		
DX	IGM049703	RL14	0.0218 m	74	1.7	0.63	2.38	⚠
DY			0.0134 m	72	1.8	1.26		
DZ			0.0202 m	73	1.7	0.92		
DX	IGM049703	GS22	0.0141 m	62	2.1	1.17	2.25	⚠
DY			0.0088 m	66	2.0	0.76		
DZ			0.0143 m	68	1.9	0.72		
DX	IGM049703	GS20	0.0132 m	63	2.1	1.79	2.56	⚠
DY			0.0085 m	69	1.9	0.57		
DZ			0.0125 m	65	2.1	0.34		
DX	IGM049703	GS18	0.0129 m	67	1.9	1.19	3.34	⚠
DY			0.0082 m	67	1.9	2.02 ⚠		
DZ			0.0125 m	71	1.8	0.60		
DX	CS01	GS09	0.0248 m	67	1.9	0.36	1.15	
DY			0.0174 m	71	1.8	0.36		
DZ			0.0237 m	65	2.0	-1.64		
DX	IGM049702	GS09	0.0252 m	72	1.8	-0.45	0.88	
DY			0.0171 m	70	1.9	-0.22		
DZ			0.0256 m	76	1.7	1.45		

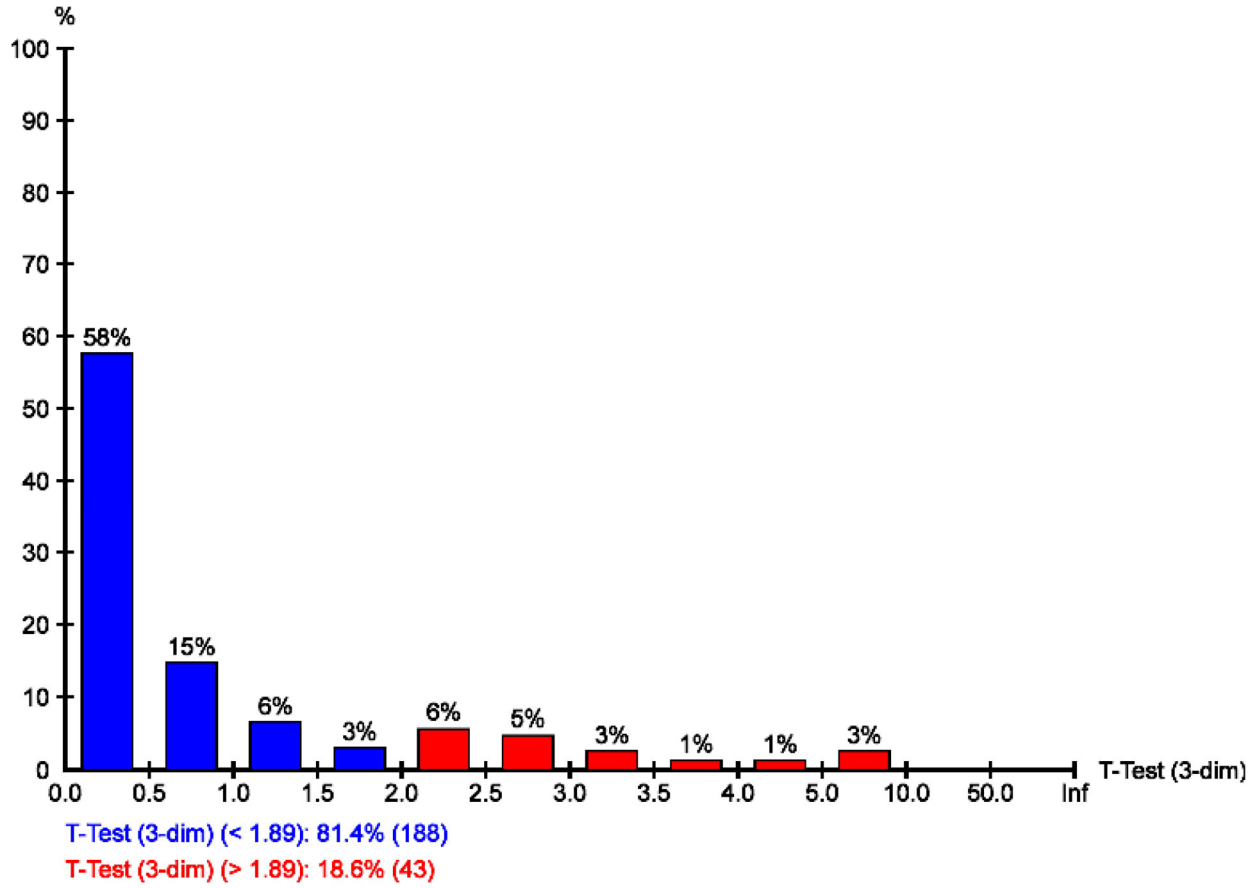
Redundancy:



W-Test:



T-Test (3-dimensional):



Estimated Errors (Observations)

Estimated Errors For Observations With Rejected W-Tests (max 10)

	Station	Target	W-Test	Fact	Est err
DZ	IC03	RL22	-2.91	1.5	-0.0163 m
DZ	IC05	RL22	2.87	1.5	0.0150 m
DX	IC05	GS34	2.70	1.4	0.0140 m
DX	IC04	GS34	-2.58	1.3	-0.0168 m
DZ	CS01	GS10	-2.29	1.2	-0.0115 m
DX	IC06	GS37	-2.22	1.1	-0.0160 m
DZ	IGM049702	GS07	2.05	1.0	0.0096 m
DY	IGM049703	GS18	2.02	1.0	0.0059 m
DX	IC03	RL18	-1.99	1.0	-0.0122 m
DX	IC04	GS36	-1.98	1.0	-0.0156 m

Estimated Errors For Observations With Rejected Antenna Hgt W-Tests (max 10)

Station	Target	W-Test	Fact	MDB [m]	Est ant err [m]
IC04	GS36	-3.60	1.8	0.0353	-0.0454
IC04	GS34	-3.87	2.0	0.0284	-0.0392
IC05	GS37	3.90	2.0	0.0338	0.0471
IC05	GS35	3.69	1.9	0.0301	0.0397
IC05	GS34	4.14	2.1	0.0232	0.0343
IC03	GS25	-3.24	1.7	0.0224	-0.0259
IC03	GS23	-3.57	1.8	0.0228	-0.0291
IGM049703	GS25	4.23	2.2	0.0217	0.0328
IC05	RL22	4.66	2.4	0.0250	0.0415
IC03	RL22	-4.80	2.4	0.0269	-0.0462

Estimated Errors For Observations With Rejected T-Tests (max 10)

	Station	Target	T-Test	Fact	Est err
DX	IC03	RL22	7.80	2.0	-0.0292 m
DY					-0.0066 m
DZ					-0.0341 m

DX	IC05	RL22	7.39	2.0	0.0256 m
DY					0.0066 m
DZ					0.0307 m
DX	IC05	GS34	6.43	1.8	0.0287 m
DY					0.0044 m
DZ					0.0214 m
DX	IGM049703	GS25	6.23	1.8	0.0237 m
DY					0.0067 m
DZ					0.0221 m
DX	IC04	GS34	5.57	1.7	-0.0328 m
DY					-0.0044 m
DZ					-0.0246 m
DX	IC05	GS37	5.12	1.6	0.0340 m
DY					0.0072 m
DZ					0.0322 m
DX	IC05	GS35	4.62	1.6	0.0298 m
DY					0.0053 m
DZ					0.0273 m
DX	IC04	GS36	4.56	1.6	-0.0353 m
DY					-0.0043 m
DZ					-0.0303 m
DX	IC03	GS23	4.28	1.5	-0.0191 m
DY					-0.0040 m
DZ					-0.0213 m
DX	IGM049703	RL21	3.82	1.4	0.0272 m
DY					0.0092 m
DZ					0.0204 m