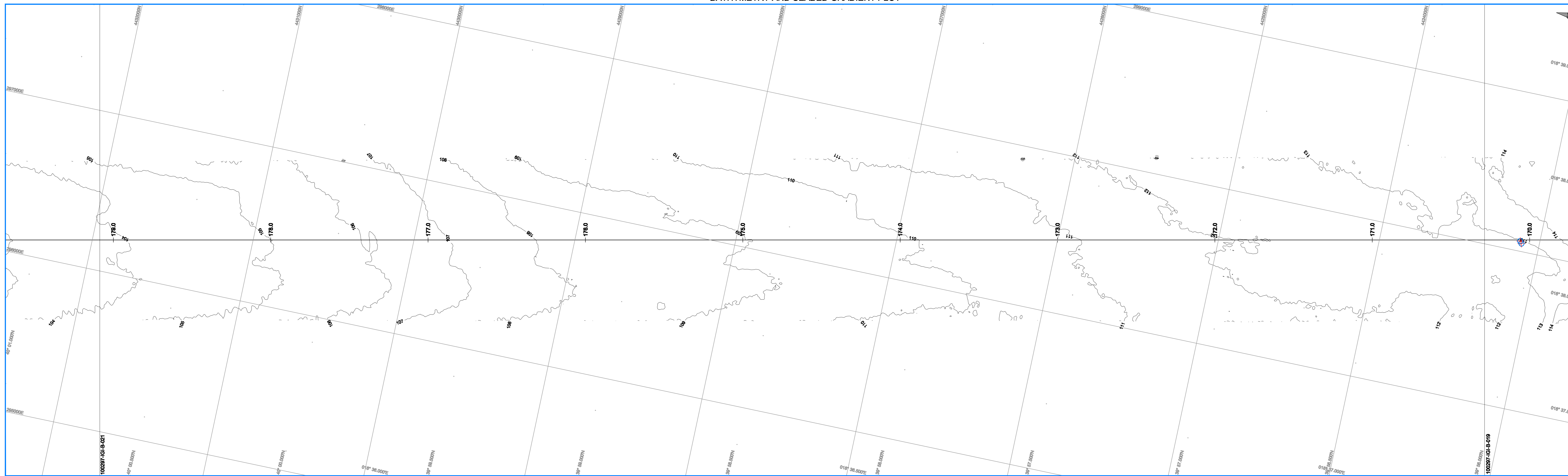
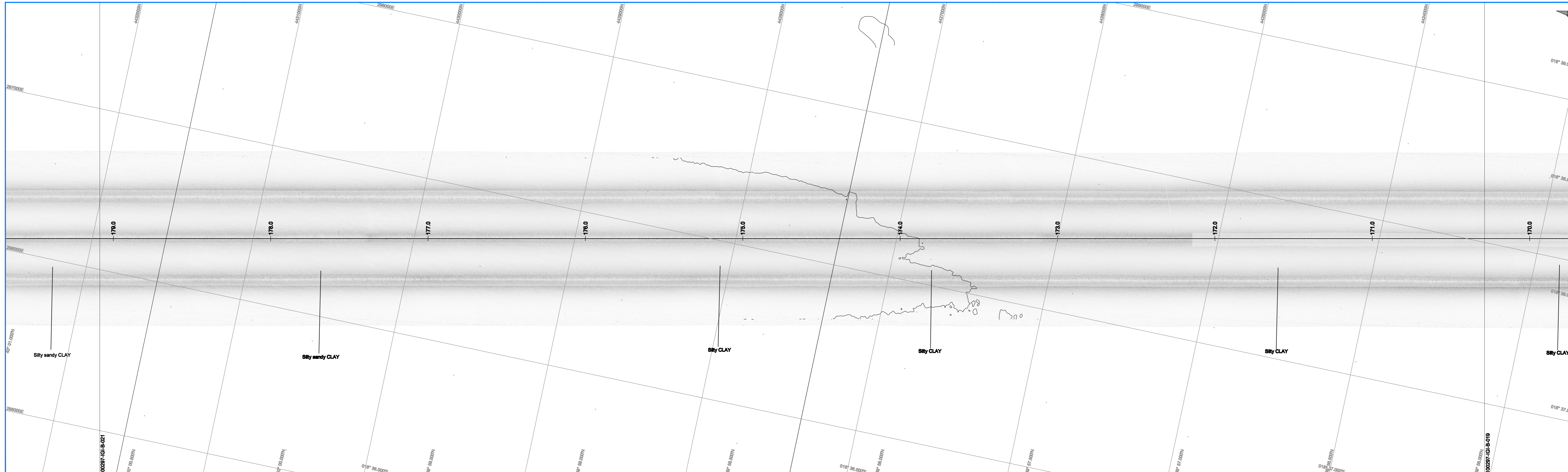


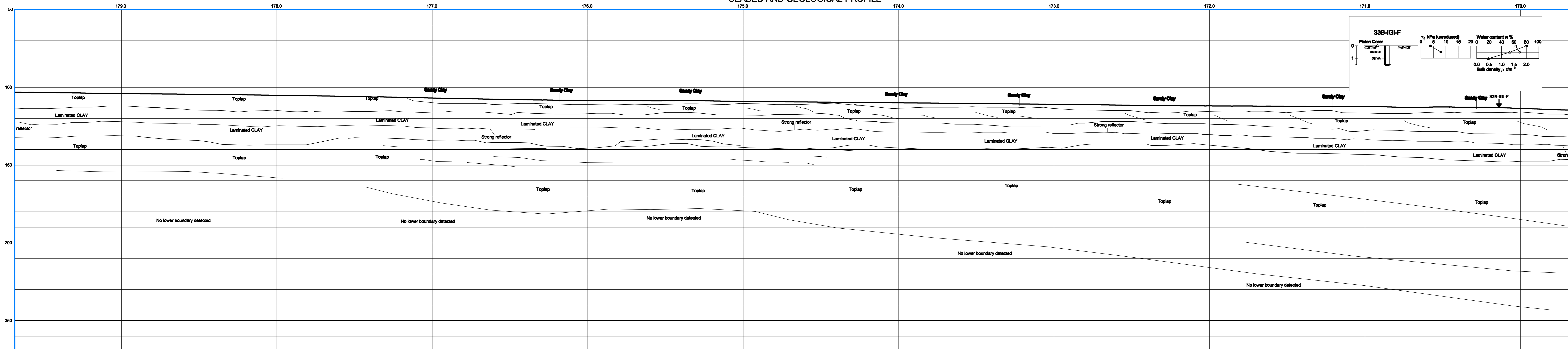
BATHYMETRY AND SEABED GRADIENT PLOT



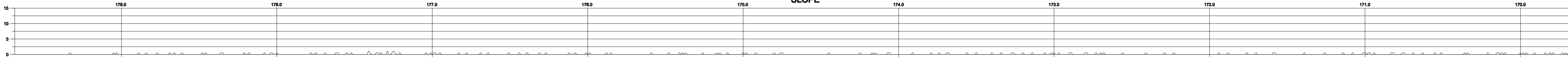
SURFICIAL GEOLOGY AND SEABED FEATURES



SEABED AND GEOLOGICAL PROFILE



SLOPE



LEGEND

GENERAL INFORMATION

- Survey centre line with CL (kilometre) annotations
- IP points with ID
- Machine for overlapping chart frame with ID
- Outline
- Territorial Border / EEZ
- Maritime Dumping Area

BATHYMETRY AND SEABED GRADIENT PLOT

- Water depth contour (interval 1.0 metre)
- Water depth contour (interval 5.0 metre)
- Water depth contour (interval 10.0 metre)
- Core sample location with identifier no.

SURFICIAL GEOLOGY AND SEABED FEATURES

- Slumping area (line indicating slump lobe, arrow indicating direction of slumping)
- Single Boulder (1-2.5m) on finer sediment
- Seabed depression or pocket, with diameter (d) and depth (D)
- Side Scan Sonar coverage
- Object with ID
- Wreck with ID
- Water depth contour (interval 10.0 metre)
- Cable as given position
- Cable from SSS-record
- Cable from MBES-record

SEABED AND GEOLOGICAL PROFILE

- Seabed profile (DTM, MSL)
- Rubble
- Weak or intermittent reflector
- Upper reflector of Gas charged sediment

GEOTECHNICAL SAMPLING

- Shear strength τ (kPa) (unreduced), according to cone sample
- Sensitivity S_u , according to cone sample
- Natural water content w %
- Liquid limit w_L %
- Bulk density ρ_{bulk} kg/m^3

SLOPE

- Apparent slope angle in degrees for survey centre line, calculated on a running 10 meter interval

NOTES

Coordinate sys. : WGS84 UTM Zone 24, Chart Latitude and Longitude are given in formal DDDMM.SSS
 Meridians charts also with local coordinate systems (Converted using AuS-CAD 2008)
 - Greek Landfill presented in Hellenic Geospatial Reference System 87 (HGRS87/EGCS87)
 - Italian Landfill presented in Roma Metro 1940, Roma

Dimensions
 Water depths : 20 x 20m (500-1000m depth) or 25 x 25m (1-1000m depth)
 Block Survey : 25 x 25 metres
 Route Survey (Depth dependent) : 5 x 5m (0-200m depth), 10 x 10m (200-500m depth)

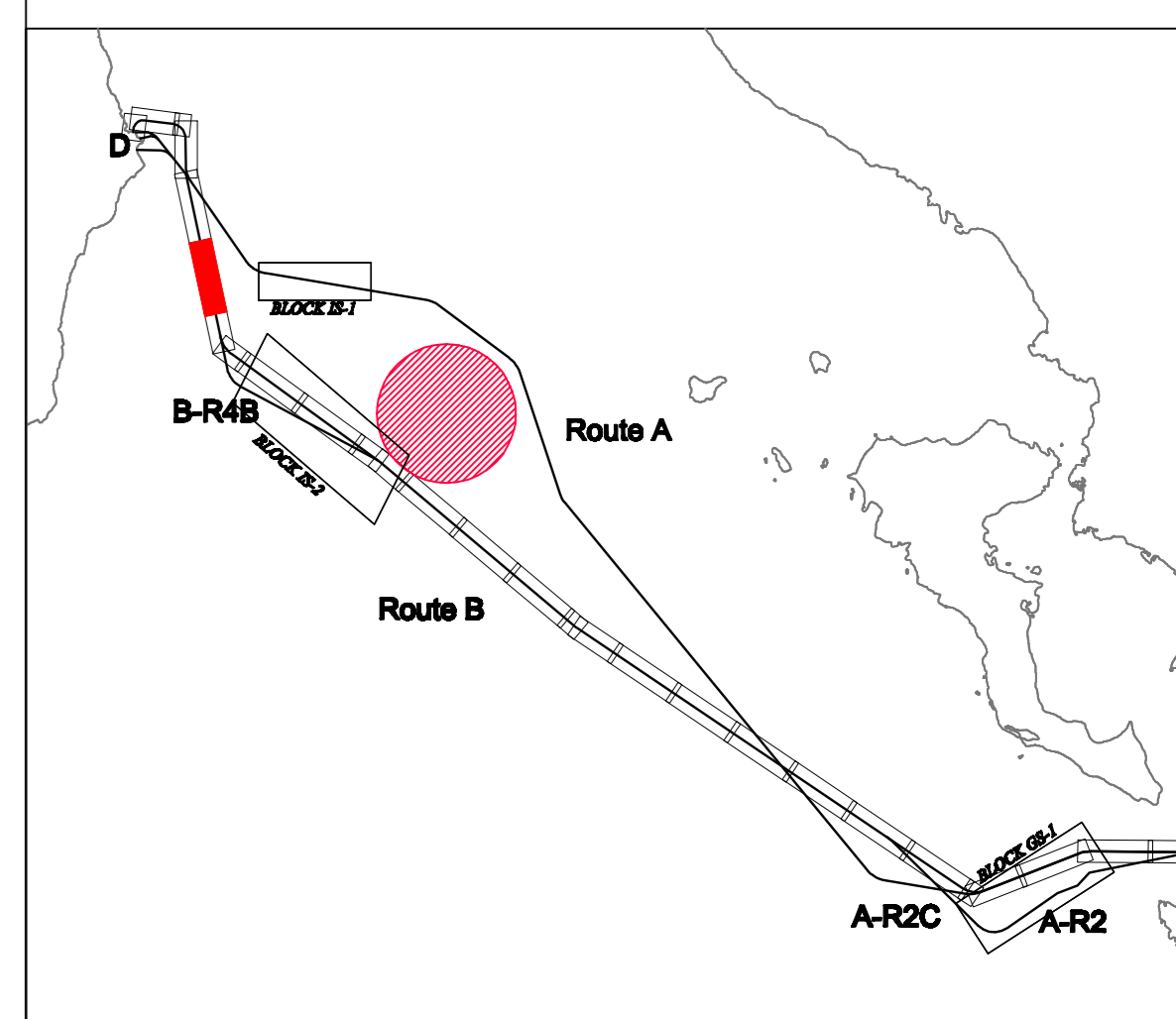
XPCL reference
 IANT project no. 100297 Survey Report, for equipment and positioning system used

Positioning
 Provided by INTEC
 Survey date : September - October 2007

Offshore vessel
 Edinon
 Echo sounder : Multibeam Simrad EM170, 70-100 kHz
 Positioning : Applanix Pos MV, DGPS Ashtek G24
 LBL positioning : OSSI G400
 SSS : Edgetech 2400 DBS Deep low sonar system
 SVP : Coda Octopus DW-106, 1-8 kHz / Sparan low system Geo Sparan 800
 Sampling : Pattern Cover and Box Core



INDEX CHART



Client	DEPA	DEPA S.A. contact information Ofta street, 105 10 200 0000 Fax: +30 210 250 0000 82, Soranou Efessiou 115 21 Neos Iraklio, Athens Greece
Client	EDISON	EDISON S.p.A. contact information Ofta street, 105 10 200 0000 Fax: +30 210 250 0000 82, Soranou Efessiou 115 21 Neos Iraklio, Athens Greece
Client Engineer	INTEC	INTEC Engineering contact information Ofta street, 105 10 200 0000 Fax: +30 210 250 0000 82, Soranou Efessiou 115 21 Neos Iraklio, Athens Greece
Survey contractor	Marin Mätteknik AB	Marin Mätteknik AB contact information Ofta street, 105 10 200 0000 Fax: +30 210 250 0000 82, Soranou Efessiou 115 21 Neos Iraklio, Athens Greece

Rev. No.	Revision	Date	Drawn	Checked	Appr.
2	Final Report	07/12/08	SP EL	SP	NI
1	Desk Final Report	07/11/08	AN SP EL	SP	NI
0	Final Report - Provisional Information, Preliminary Results	07/02/07	AN SP EL	PE	SP

Interconnector Greece - Italy Survey and Engineering Consultancy Services	
MMT project no.	100297
Horizontal scale	1:10 000
Vertical scale	1:1 000
Chart type	Survey Alignment Chart
Chart No.	159-030 to 179-030
XP interval	159-030 to 179-030