

Regione Puglia

COMUNE DI SAN PANCRAZIO SALENTINO (BR) - SALICE SALENTINO (LE)
AVETRANA (TA) - ERCHIE (BR)

**PROGETTO PER LA REALIZZAZIONE DI IMPIANTO PER LA
PRODUZIONE DI ENERGIA ELETTRICA DA FONTI RINNOVABILI,
NONCHE' OPERE CONNESSE ED INFRASTRUTTURE, DI POTENZA
NOMINALE PARI A 36 MW ALIMENTATO DA FONTE EOLICA,
CON ANNESSO SISTEMA DI ACCUMULO INTEGRATO DI POTENZA
PARI A 24 MW, PER UNA POTENZA IN IMMISSIONE PARI A 60MW
DENOMINATO IMPIANTO "NEXT2"**

PROGETTO PARCO EOLICO "NEXT2"

Codice Regionale AU: CY53TR6

Tav.:	Titolo:
R46	RELAZIONE RILIEVO GPS

Scala:	Formato Stampa:	Codice Identificatore Elaborato
s.c.	A4	CY53TR6_NPD12_ERC_R46_RelazioneGPS

Progettazione:	Committente:
QMSOLAR s.r.l. Via Guglielmo Marconi scala C n.166 - Cap 72023 MESAGNE (BR) P.IVA 02683290742 - qmsolar.srls@pec.it Amm.re unico Ing. Francesco Masilla Gruppo di progettazione: MSC Innovative Solutions s.r.l.s - Via Milizia 55 - 73100 LECCE (LE) P.IVA 05030190754 - msc.innovativesolutions@gmail.com Ing. Santo Masilla - Responsabile Progetto	NPD Italia II s.r.l. Galleria Passarella, 2, Cap - 20122 MILANO P.IVA 11987560965 - email: npditaliaii@legalmail.it
Indagini Specialistiche : Tecnico operatore: Geom. Michele De Angelis	

Data Progetto	Motivo	Redatto:	Controllato:	Approvato:
15/09/2023	Prima versione	F.M.	S.M.	NPD Italia II srl

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MW, PER UNA POTENZA IN IMMISSIONE PARI A 60 MW
DENOMINATO IMPIANTO "NEXT 2"**

Ditta proponente: **NPD ITALIA II s.r.l.** Via San Marco 21, cap 20121 MILANO

Codice pratica: CY53TR6

RELAZIONE GNERALE SUI RILIEVI TOPOGRAFICI E AEROFOTOGRAMMETRICI

1 PREMESSA

La presente relazione descrive le attività di rilievo topografico e aerofotogrammetrico eseguite per conto della **NPD ITALIA II s.r.l.** e finalizzate alla progettazione dell'impianto eolico indicato in oggetto.

2 DESCRIZIONE

L'area interessata si estende nel territorio dei Comuni di SAN PANCRAZIO SALENTINO (LE) -SALICE SALENTINO (LE) - ERCHIE (BR)

Le coordinate assegnate agli aerogeneratori sono le seguenti:

WTG	X	Y	Z	Comune	Provincia	Contrada	Foglio	P.IIa
N01	736758	4478817	54,0	San Pancrazio Salentino	Brindisi	Lellobello	25	9
N02	737500	4478283	56,0	San Pancrazio Salentino	Brindisi	Marcianti	25	21
N03	737033	4477101	61,0	San Pancrazio Salentino	Brindisi	Cortefinocchio	37	161
N04	736466	4477026	63,0	San Pancrazio Salentino	Brindisi	Cortefinocchio	37	130
N05	738419	4475694	56,0	San Pancrazio Salentino	Brindisi	Campone	47	16
N06	738236	4474241	66,0	Salice Salentino	Lecce	Campone	6	76

Coordinate WGS84 Aerogeneratori ed opere connesse



MICHELE DE ANGELIS
Geometra

3. RILIEVO TOPOGRAFICO CON GPS

Il rilievo è stato eseguito nel mese di Giugno 2023 con l'impiego di un ricevitore GPS costituito da una "Rover" Marca **Topcon Model Hyper Pro**, ricevitore mobile GNSS RTK integrato GPS/GLONASS, le cui caratteristiche sono riportate nella seguente scheda tecnica:

Description	40 channel integrated GPS receiver/antenna with MINTER interface.
Tracking Specifications	standard: 40 L1 GPS (20 GPS L1+L2 on Cinderella* days) optional: 20 GPS L1+L2 (GD), GPS L1+GLONASS (GG), 20 GPS L1+L2+GLONASS (GGD)
Tracking Channels	
Signals Tracked	L1/L2 C/A and P Code & Carrier and GLONASS
Performance Specifications	
Static, Rapid Static	Horizontal: 3mm+ 0.5ppm (x baseline length) Vertical: 5mm+ 0.5ppm (x baseline length)
RTK	Horizontal: 10mm+ 1.0ppm Vertical: 15mm+ 1.0ppm
Power Specifications	
Battery	Internal Lithium-Ion batteries plus 1 external power port
Operating Time	14+ hours (10 hrs TX)
External power input	6 to 28 volts DC
Power consumption	Less than 4.2 watts
Environmental Specifications	
Enclosure	Aluminum extrusion, waterproof
Operating Temperature	-30°C to 60°C / -22°F to 140°F
Dimensions	W: 159 x H: 172 x D: 88 mm (6.25" x 6.75" x 3.5")
Weight	1.65 kg / 3.64 lbs
GPS Antenna Specifications	
GPS Antenna	Integrated
Antenna Type	Center-mount UHF antenna
Ground Plane	Antenna on a flat ground plane
Radio Specifications	
Radio Type	Internal Tx/Rx UHF (Selectable frequency range)
Power Output	1.0W/0.25W (selectable)
CDPD & GSM Modem	Optional Accessory
Wireless Communication	
Communication	Bluetooth® version 1.1 comp.**†
I/O	
Communication Ports	2x serial (RS232)
Other I/O Signals	1pps, Event Marker
Status Indicator	4x3-color LEDs (Green, Red, Yellow), two-function keys (MINTER)
Control & Display Unit	External field controller
Memory & Recording	
Raw Data Recording	1Hz (Up to 20 times per second (20Hz) by option)
Data Type	Code and Carrier from L1 and L2, GPS and GLONASS
Data Input/Output	
Real time data outputs	RTCM SC104 version 2.1, 2.2, 2.3, CMR, CMR+
Other outputs	NMEA 0183 version 2.2
Output rate	TPS format Up to 20 times per second (20Hz)

Il rilievo a terra con il GPS è stato condotto in tutta l'area di impianto e su tutto il cavidotto, il rilievo planoaltimetrico ha evidenziato la presenza di:

- Linee elettriche;
- Linee telefoniche;
- Reti idriche interrato;
- Fabbricati e costruzioni in genere;
- Pozzi e/o pozzetti;
- Ponticelli stradali;
- Gasdotti.

il rilievo ha evidenziato quindi le possibili interferenze distinte da interferenza per la realizzazione del cavidotto ed interferenza per le strade di accesso ed esercizio.

Dal rilievo, oltre alle indicazioni di cui sopra, è possibile ottenere anche le quote di tutti i punti rilevati e informazioni sulla tipologia di strade esistenti.

È stato inoltre generato il profilo altimetrico di tutto il cavidotto, dalle aree di impianto fino alla stazione di consegna, compreso le possibili interferenza di cui si fornisce la posizione e la relativa quota.

4. RILIEVO AEROFOTOGRAMMETRICO CON A.P.R.

Il rilievo è stato eseguito in data 9/06/2023 e in data 18/06/2023 con l'impiego di un A.P.R. (DRONE) **Phantom 4 RTK + base** dotato di sistema GNSS RTK multi-frequenza, multi-sistema ad alta precisione GPS + GLONASS + Galileo



le cui caratteristiche sono riportate nella seguente scheda tecnica:

GNSS Receiver	GNSS Frequency	Simultaneously receive: GPS: L1, L2, L5; BeiDou: B1, B2, B3 GLONASS: F1, F2; Galileo: E1, E5A, E5B
	Positioning Accuracy	Single Point Horizontal: 1.5 m (RMS) Vertical: 3.0 m (RMS) RTK Horizontal: 1 cm + 1 ppm (RMS) Vertical: 2 cm + 1 ppm (RMS) 1 ppm: For every 1 km increase in distance, the accuracy will be 1 mm less. For example, the horizontal accuracy is 1.1 cm when the receiving end is 1 km away from the base station.
	Positioning Update Rate	1 Hz, 2 Hz, 5 Hz, 10 Hz and 20 Hz
	Cold Start	< 45 s
	Hot Start	< 10 s
	Recapture Time	< 1 s
	Initialization Reliability	> 99.9%
	Differential Data Format	RTCM 2.x/3.x

Il sistema utilizzato permette di eseguire rilievi aerofotogrammetrici senza la necessità di utilizzare punti di controllo a terra (G.P.C.), nonostante ciò sono stati comunque rilevati diversi punti di controllo a terra al solo fine di verificare ulteriormente la precisione del rilievo, questi sono indicati con il codice MARKER nella tabella in coda alla presente relazione.

Sono stati condotti voli ad un'altezza da terra pari a 80 ml. i quali hanno permesso di avere la seguente risoluzione e precisione di rilievo:

PRECISIONE:

G.S.D. – 2.20 cm/pixel;

Sovrapposizione orizzontale 70%

Sovrapposizione verticale 80%

Il rilievo è stato esteso a circa 180 ml. a destra e sinistra rispetto all'asse di progetto (centro strade, cavidotto, piazzole ecc), l'indagine è stata condotta nell'area interessata dalla costruzione di tutti gli aerogeneratori, degli svincoli stradali, delle aree di manovra e aree di servizio.

Le curve di livello non sono state generate in automatico ma sono state determinate attraverso un ulteriore passaggio in software topografico (Meridiana) utilizzando i soli punti a terra, pertanto non prendono in considerazione la vegetazione o le costruzioni presenti.

È stato scelto di restituire curve di livello ogni 100 cm in quanto il terreno è caratterizzato da una forte planarità, pertanto curve di livello con una equidistanza maggiore avrebbe dato risultati visivamente poco apprezzabili.

In ogni zona rilevata e in cui sono state restituite le curve di livello, sono stati generati anche i profili del terreno secondo gli assi di progetto (strade, piazzole ecc).

Vengono restituite anche le ortofoto georeferenziate con una risoluzione di 2.84 cm/pixel, sovrapposte al layout di progetto.

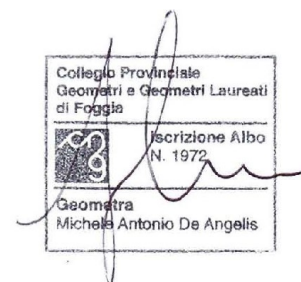
5. RETE DI INQUADRAMENTO

L'attività topografica è stata svolta con l'impiego dell'attrezzatura topografica di cui sopra e mediante appoggio alla rete GNSS (Global Navigation Satellite System) Regione Puglia, inquadrata nel sistema di riferimento geodetico Nazionale secondo le disposizioni del D.P.C.M. 10/11/2011 (ETRF 2000). Le quote sono state inoltre riferite anche al GEOIDE EGM 96.

La scelta di riferire le quote al Geoide nasce dalla necessità di assicurare conformità con la cartografia tecnica regionale.

Si allega alla presente la tabella dei dati di registrazione GPS rilevati a terra mediante l'utilizzo della tecnologia GPS in modalità Real Time, relativa ai G.P.C. utilizzati per ulteriore controllo del rilievo aerofotogrammetrico.

il tecnico



NOME	LATID. MIS	LONG MIS.	ELEVAZ.	ANT.	QUALIT A'	COORD. GEOC.X	COORD. GEOC.Y	COORD. GEOC.Z	COORD. NORD	COORD. EST	QUOTA	SQM ORIZ	SQM VERT	PDOP	GDOP	DATA	SECONDI GIORNI	N.GPS	N.GLO
RILIEVO GPS																			
"1001"	40°25'21.05794"N	17°47'33.34058"E	98.368	1.916	PD Fixed	4629913.633	1485842.577	4113876.057	4478399.415	736914.447	54.496	0.020	0.032	1.749	1.995	09-06-2023	34732000	8	3
"1002"	40°25'14.83552"N	17°47'46.57869"E	97.979	1.916	PD Fixed	4629936.477	1486177.668	4113729.686	4478217.398	737232.530	54.122	0.016	0.027	1.567	1.780	09-06-2023	35164000	8	4
"1003"	40°25'17.40999"N	17°47'58.77516"E	99.375	1.916	PD Fixed	4629800.577	1486436.019	4113791.047	4478305.901	737517.476	55.527	0.016	0.027	1.551	1.765	09-06-2023	35451000	8	4
"1004"	40°25'25.17583"N	17°47'28.38331"E	97.153	1.916	PD Fixed	4629870.037	1485705.854	4113971.966	4478522.711	736793.596	53.272	0.017	0.027	1.521	1.732	09-06-2023	35845000	8	4
"1005"	40°25'33.55365"N	17°47'23.38582"E	97.334	1.916	PD Fixed	4629746.604	1485542.524	4114168.807	4478777.350	736667.649	53.441	0.020	0.037	2.111	2.465	09-06-2023	36108000	7	4
"1006"	40°25'38.10483"N	17°47'20.72193"E	96.880	1.916	PD Fixed	4629678.778	1485454.813	4114275.379	4478915.719	736600.434	52.982	0.018	0.030	1.679	1.952	09-06-2023	37160000	7	6
"1007"	40°25'33.55271"N	17°47'23.38610"E	97.337	1.916	PD Fixed	4629746.622	1485542.536	4114168.787	4478777.321	736667.657	53.444	0.017	0.028	1.777	2.079	09-06-2023	38202000	8	6
"1008"	40°25'44.23206"N	17°47'18.10439"E	95.952	1.916	PD Fixed	4629580.251	1485358.402	4114418.647	4479102.727	736532.778	52.046	0.020	0.035	1.966	2.321	09-06-2023	38397000	8	6
"1009"	40°25'46.46394"N	17°47'30.90715"E	101.431	1.916	PD Fixed	4629449.507	1485633.387	4114474.604	4479181.091	736832.318	57.534	0.021	0.039	2.087	2.464	09-06-2023	38578000	8	5
"1010"	40°23'46.41754"N	17°48'32.23324"E	100.004	1.916	PD Fixed	4631292.095	1487743.602	4111654.313	4475524.851	738395.304	56.270	0.019	0.027	1.636	1.882	09-06-2023	45405000	8	4
"1011"	40°23'45.52929"N	17°48'37.91627"E	100.028	1.916	PD Fixed	4631268.025	1487876.640	4111633.462	4475501.721	738530.170	56.299	0.024	0.033	1.997	2.332	09-06-2023	46155000	8	4
"1012"	40°23'56.41888"N	17°48'35.61761"E	99.092	1.916	PD Fixed	4631076.671	1487758.228	4111888.662	4475835.818	738465.290	55.350	0.016	0.021	1.375	1.560	09-06-2023	46422000	8	5
"1013"	40°23'35.88036"N	17°48'28.70579"E	100.678	1.916	PD Fixed	4631518.566	1487728.974	4111407.212	4475197.254	738322.463	56.952	0.021	0.033	1.952	2.289	09-06-2023	46663000	8	4
"1014"	40°23'11.43342"N	17°48'27.05675"E	107.219	1.916	PD Fixed	4632000.425	1487842.903	4110837.104	4474442.107	738307.537	63.518	0.021	0.040	2.158	2.600	09-06-2023	48171000	6	4
"1015"	40°23'01.88724"N	17°48'26.37863"E	109.781	1.916	PD Fixed	4632188.819	1487886.617	4110614.474	4474147.207	738300.900	66.090	0.017	0.026	1.502	1.732	09-06-2023	49598000	8	4
"1016"	40°23'19.51816"N	17°48'22.60342"E	104.262	1.916	PD Fixed	4631876.558	1487692.795	4111025.134	4474688.093	738194.602	60.549	0.018	0.026	1.595	1.851	09-06-2023	49904000	8	4
"1017"	40°23'23.35661"N	17°48'17.10375"E	102.041	1.916	PD Fixed	4631841.566	1487545.317	4111113.874	4474802.348	738061.159	58.320	0.018	0.028	1.730	2.040	09-06-2023	50159000	8	4
"1018"	40°23'15.04888"N	17°47'41.16143"E	101.907	1.916	PD Fixed	4632258.711	1486788.895	4110918.606	4474519.291	737221.736	58.170	0.014	0.019	1.336	1.523	09-06-2023	51559000	8	4
"1019"	40°23'14.06318"N	17°47'43.74411"E	102.382	1.916	PD Fixed	4632259.196	1486853.028	4110895.755	4474490.821	737283.600	58.647	0.017	0.022	1.329	1.513	09-06-2023	51644000	8	4
"1020"	40°24'27.69328"N	17°45'27.52656"E	103.892	1.916	PD Fixed	4631839.421	1483344.985	4112626.376	4476660.523	734000.567	59.980	0.022	0.034	1.983	2.333	09-06-2023	53685000	7	5
"1021"	40°24'35.12252"N	17°45'45.43447"E	106.207	1.916	PD Fixed	4631570.830	1483702.335	4112802.368	4476902.823	734415.559	62.299	0.019	0.029	1.694	1.960	09-06-2023	55120000	7	5
"1022"	40°24'27.14413"N	17°45'08.50629"E	104.911	1.916	PD Fixed	4631987.381	1482921.448	4112614.138	4476629.602	733552.715	60.988	0.013	0.021	1.432	1.634	09-06-2023	55412000	8	5
"1023"	40°24'18.89832"N	17°46'45.56058"E	109.542	1.916	PD Fixed	4631449.459	1485152.204	4112423.463	4476446.961	735848.665	65.695	0.024	0.046	2.578	3.115	10-06-2023	25811000	8	4

"1024"	40°24'25.55926"N	17°46'29.85676"E	106.728	1.916	PD Fixed	4631433.653	1484758.277	4112578.092	4476640.735	735471.998	62.863	0.018	0.038	2.066	2.380	10-06-2023	26576000	9	3
"1025"	40°24'19.84802"N	17°46'24.96538"E	106.422	1.916	PD Fixed	4631577.381	1484683.233	4112443.748	4476460.986	735362.219	62.559	0.015	0.033	2.008	2.302	10-06-2023	26751000	9	3
"1026"	40°24'14.52549"N	17°46'55.11475"E	108.125	1.916	PD Fixed	4631462.886	1485393.101	4112319.834	4476319.200	736078.149	64.289	0.018	0.035	1.751	2.022	10-06-2023	27189000	9	4
"1027"	40°24'28.41901"N	17°47'23.22754"E	107.066	1.916	PD Fixed	4630995.118	1485939.214	4112645.479	4476768.562	736727.380	63.237	0.020	0.026	1.861	2.165	10-06-2023	31406000	6	4
"1028"	40°24'30.65289"N	17°47'25.91347"E	106.041	1.916	PD Fixed	4630932.494	1485985.631	4112697.282	4476839.453	736788.521	62.211	0.015	0.020	1.268	1.427	10-06-2023	31720000	10	5
"1029"	40°24'39.10976"N	17°47'37.33460"E	103.833	1.916	PD Fixed	4630687.594	1486189.860	4112894.475	4477108.764	737049.509	60.004	0.017	0.022	1.344	1.527	10-06-2023	31975000	9	5
"1030"	40°24'29.28057"N	17°47'35.91791"E	104.668	1.916	PD Fixed	4630885.546	1486218.309	4112664.160	4476804.588	737025.701	60.848	0.015	0.022	1.318	1.479	10-06-2023	32204000	9	5
"1031"	40°24'23.99322"N	17°47'19.97704"E	108.100	1.916	PD Fixed	4631103.545	1485893.510	4112542.198	4476629.657	736655.063	64.273	0.021	0.028	1.604	1.841	10-06-2023	32604000	7	4
"1032"	40°24'30.18595"N	17°47'09.58367"E	107.592	1.916	PD Fixed	4631060.139	1485622.213	4112687.321	4476812.900	736404.023	63.750	0.016	0.022	1.266	1.421	10-06-2023	32952000	10	5
"1033"	40°24'25.70075"N	17°47'00.57460"E	107.155	1.916	PD Fixed	4631210.101	1485447.228	4112581.692	4476667.886	736196.005	63.312	0.015	0.023	1.449	1.657	10-06-2023	33317000	8	5
"2001"	40°25'11.90771"N	17°47'47.40488"E	98.650	1.916	PD Fixed	4629986.764	1486214.267	4113661.367	4478127.725	737254.863	54.797	0.020	0.031	1.794	2.086	18-06-2023	42441000	8	4
"2002"	40°25'14.45082"N	17°47'43.65651"E	98.688	1.816	PD Fixed	4629965.444	1486114.615	4113721.177	4478203.354	737164.032	54.930	0.024	0.035	2.039	2.364	18-06-2023	42503000	8	4
"2003"	40°25'17.87639"N	17°47'38.54307"E	98.640	1.816	PD Fixed	4629937.015	1485978.886	4113801.588	4478305.179	737040.168	54.875	0.024	0.034	1.911	2.188	18-06-2023	42556000	9	4
"2004"	40°25'21.74585"N	17°47'32.78153"E	97.941	1.816	PD Fixed	4629904.322	1485825.747	4113891.998	4478420.213	736900.600	54.167	0.017	0.027	1.547	1.768	18-06-2023	42590000	9	3
"2005"	40°25'25.11080"N	17°47'27.79111"E	97.199	1.816	PD Fixed	4629875.647	1485692.993	4113970.533	4478520.264	736779.702	53.418	0.022	0.037	2.023	2.392	18-06-2023	42622000	8	4
"2006"	40°25'28.55093"N	17°47'25.69464"E	96.946	1.816	PD Fixed	4629825.046	1485624.853	4114051.150	4478624.792	736726.939	53.160	0.021	0.032	1.859	2.160	18-06-2023	42651000	8	3
"2007"	40°25'33.60104"N	17°47'22.79207"E	97.001	1.816	PD Fixed	4629749.809	1485528.853	4114169.769	4478778.369	736653.610	53.208	0.020	0.030	1.679	1.928	18-06-2023	42713000	9	4
"2008"	40°25'35.27848"N	17°47'21.81451"E	96.945	1.816	PD Fixed	4629724.860	1485496.647	4114209.121	4478829.372	736628.937	53.150	0.023	0.030	1.774	2.027	18-06-2023	42760000	9	4
"2009"	40°25'36.83103"N	17°47'20.90751"E	96.732	1.816	PD Fixed	4629701.667	1485466.751	4114245.437	4478876.575	736606.049	52.934	0.020	0.029	1.691	1.943	18-06-2023	42787000	9	4
"2010"	40°25'36.27319"N	17°47'18.25393"E	96.237	1.816	PD Fixed	4629731.044	1485410.484	4114232.018	4478857.396	736544.055	52.438	0.024	0.034	1.948	2.239	18-06-2023	42806000	9	4
"2011"	40°25'35.43536"N	17°47'14.42191"E	96.169	1.816	PD Fixed	4629774.547	1485329.576	4114212.301	4478828.707	736454.560	52.368	0.024	0.034	1.953	2.245	18-06-2023	42837000	9	4
"2012"	40°25'35.43536"N	17°47'14.42174"E	96.165	1.816	PD Fixed	4629774.546	1485329.571	4114212.298	4478828.707	736454.556	52.363	0.023	0.032	1.956	2.250	18-06-2023	42858000	9	4
"2013"	40°25'34.82654"N	17°47'11.66217"E	96.323	1.816	PD Fixed	4629806.127	1485271.387	4114198.105	4478807.878	736390.113	52.520	0.024	0.034	1.959	2.254	18-06-2023	42878000	8	4
"2014"	40°25'33.71072"N	17°47'06.66641"E	97.683	1.816	PD Fixed	4629864.338	1485166.386	4114172.787	4478769.753	736273.462	53.877	0.025	0.035	1.964	2.261	18-06-2023	42911000	8	4
"2015"	40°25'32.49115"N	17°47'01.04351"E	98.937	1.816	PD Fixed	4629928.960	1485047.914	4114144.963	4478727.963	736142.130	55.127	0.018	0.029	1.605	1.847	18-06-2023	42944000	9	4
"2016"	40°25'31.11103"N	17°46'55.14790"E	99.246	1.816	PD Fixed	4629997.916	1484924.080	4114112.756	4478681.023	736004.526	55.433	0.022	0.043	2.387	2.843	18-06-2023	42981000	7	3

"2017"	40°25'29.31448"N	17°46'55.63635"E	99.237	1.816	PD Fixed	4630028.611	1484946.017	4114070.565	4478625.982	736017.783	55.426	0.023	0.045	2.384	2.839	18-06-2023	43000000	8	3
"2018"	40°25'26.02968"N	17°46'56.82345"E	98.994	1.816	PD Fixed	4630082.451	1484992.672	4113993.275	4478525.565	736048.953	55.187	0.028	0.058	3.148	3.880	18-06-2023	43036000	8	3
"2019"	40°25'23.74985"N	17°46'57.65827"E	99.154	1.816	PD Fixed	4630119.978	1485025.376	4113939.843	4478455.878	736070.844	55.350	0.032	0.054	3.068	3.767	18-06-2023	43061000	8	3
"2020"	40°25'23.01900"N	17°47'01.02846"E	99.042	1.816	PD Fixed	4630109.551	1485105.466	4113922.609	4478435.843	736150.985	55.242	0.027	0.050	2.676	3.214	18-06-2023	43084000	6	3
"2021"	40°25'22.26186"N	17°47'04.64002"E	99.270	1.816	PD Fixed	4630098.132	1485191.214	4113904.977	4478415.178	736236.840	55.473	0.022	0.038	2.153	2.567	18-06-2023	43127000	8	3
"2022"	40°25'20.66900"N	17°47'05.20401"E	98.913	1.816	PD Fixed	4630124.149	1485213.523	4113867.342	4478366.475	736251.682	55.118	0.025	0.044	2.468	3.010	18-06-2023	43163000	7	3
"2023"	40°25'17.55148"N	17°47'06.34539"E	99.955	1.816	PD Fixed	4630176.059	1485258.432	4113794.811	4478271.183	736281.616	56.164	0.021	0.034	1.841	2.170	18-06-2023	43200000	8	3
"2024"	40°25'13.54177"N	17°47'07.78654"E	100.067	1.816	PD Fixed	4630242.125	1485315.304	4113700.724	4478148.601	736319.483	56.281	0.025	0.048	2.546	3.069	18-06-2023	43235000	7	3
"2025"	40°25'09.88252"N	17°47'09.07087"E	100.897	1.816	PD Fixed	4630303.164	1485366.682	4113615.331	4478036.709	736353.315	57.115	0.027	0.048	2.595	3.128	18-06-2023	43268000	6	3
"2026"	40°25'07.91289"N	17°47'09.69839"E	100.884	1.816	PD Fixed	4630336.145	1485392.799	4113569.069	4477976.435	736370.022	57.105	0.026	0.046	2.586	3.117	18-06-2023	43296000	9	3
"2027"	40°25'07.31240"N	17°47'09.92929"E	101.174	1.816	PD Fixed	4630346.128	1485401.718	4113555.155	4477958.088	736376.048	57.396	0.016	0.025	1.573	1.812	18-06-2023	43325000	8	4
"2028"	40°25'05.59888"N	17°47'10.50162"E	101.289	1.816	PD Fixed	4630374.721	1485425.061	4113514.990	4477905.671	736391.206	57.513	0.015	0.023	1.401	1.591	18-06-2023	43766000	9	5
"2029"	40°25'05.58567"N	17°47'10.38705"E	101.520	1.816	PD Fixed	4630375.965	1485422.624	4113514.830	4477905.178	736388.518	57.744	0.018	0.026	1.429	1.616	18-06-2023	43824000	9	5
"2030"	40°25'05.07663"N	17°47'09.08858"E	102.116	1.816	PD Fixed	4630395.441	1485396.723	4113503.261	4477888.515	736358.408	58.339	0.025	0.036	2.067	2.431	18-06-2023	43912000	7	5
"2031"	40°25'04.76207"N	17°47'06.71537"E	103.016	1.816	PD Fixed	4630419.174	1485345.578	4113496.458	4477877.049	736302.777	59.237	0.019	0.033	2.122	2.517	18-06-2023	43982000	8	4
"2032"	40°25'04.54121"N	17°47'03.85053"E	102.713	1.816	PD Fixed	4630443.791	1485282.544	4113491.075	4477868.109	736235.466	58.933	0.020	0.028	1.908	2.217	18-06-2023	44067000	8	4
"2033"	40°25'03.31694"N	17°47'03.63754"E	102.762	1.816	PD Fixed	4630468.674	1485285.252	4113462.356	4477830.196	736231.637	58.983	0.023	0.031	1.890	2.181	18-06-2023	44120000	8	5
"2034"	40°25'02.55997"N	17°47'03.45311"E	102.933	1.816	PD Fixed	4630484.541	1485285.775	4113444.690	4477806.715	736228.026	59.154	0.016	0.024	1.361	1.544	18-06-2023	44174000	9	6
"2035"	40°25'02.26052"N	17°47'03.49051"E	103.231	1.816	PD Fixed	4630490.190	1485288.514	4113437.851	4477797.508	736229.199	59.453	0.023	0.032	1.884	2.181	18-06-2023	44217000	9	6
"2036"	40°25'00.37761"N	17°47'03.33305"E	104.506	1.816	PD Fixed	4630528.104	1485296.777	4113394.459	4477739.324	736227.318	60.729	0.023	0.032	1.892	2.192	18-06-2023	44303000	8	5
"2037"	40°24'59.30529"N	17°47'03.31274"E	104.682	1.816	PD Fixed	4630548.798	1485302.911	4113369.390	4477706.240	736227.882	60.906	0.024	0.033	1.895	2.195	18-06-2023	44345000	8	5
"2038"	40°24'58.01489"N	17°47'03.15760"E	104.781	1.816	PD Fixed	4630574.560	1485307.334	4113339.150	4477666.331	736225.480	61.006	0.025	0.037	2.208	2.585	18-06-2023	44391000	8	5
"2039"	40°24'56.62770"N	17°47'02.92909"E	104.937	1.816	PD Fixed	4630602.734	1485310.713	4113306.673	4477623.382	736221.443	61.163	0.025	0.035	2.008	2.344	18-06-2023	44457000	8	5
"2040"	40°24'54.35469"N	17°47'02.58182"E	105.539	1.816	PD Fixed	4630648.955	1485316.940	4113253.683	4477553.027	736215.467	61.768	0.018	0.027	1.405	1.602	18-06-2023	44523000	8	6
"2041"	40°24'46.86340"N	17°47'00.51577"E	106.514	1.816	PD Fixed	4630807.188	1485316.538	4113078.380	4477320.470	736174.049	62.749	0.023	0.043	2.329	2.791	18-06-2023	46026000	7	4
"2042"	40°24'42.77995"N	17°46'59.26850"E	106.556	1.816	PD Fixed	4630893.954	1485313.485	4112982.504	4477193.615	736148.617	62.794	0.023	0.043	2.323	2.784	18-06-2023	46062000	7	4

"2043"	40°24'36.25806"N	17°46'57.82878"E	106.350	1.816	PD Fixed	4631028.354	1485320.943	4112829.195	4476991.419	736121.017	62.593	0.022	0.042	2.266	2.713	18-06-2023	46108000	6	5
"2044"	40°24'29.22107"N	17°46'56.56728"E	106.752	1.816	PD Fixed	4631171.714	1485335.685	4112664.178	4476773.471	736098.116	63.001	0.024	0.048	2.649	3.201	18-06-2023	46149000	7	5
"2045"	40°24'29.22130"N	17°46'56.56758"E	106.787	1.816	PD Fixed	4631171.733	1485335.699	4112664.207	4476773.478	736098.123	63.037	0.025	0.049	2.649	3.201	18-06-2023	46152000	7	5
"2046"	40°24'27.47096"N	17°46'56.21384"E	107.342	1.816	PD Fixed	4631208.009	1485338.574	4112623.456	4476719.237	736091.485	63.594	0.020	0.039	2.134	2.544	18-06-2023	46205000	7	5
"2047"	40°24'27.27414"N	17°46'57.55073"E	107.001	1.816	PD Fixed	4631201.882	1485369.714	4112618.612	4476714.161	736123.192	63.254	0.028	0.060	3.225	3.995	18-06-2023	46245000	7	4
"2048"	40°24'26.25372"N	17°47'03.52640"E	107.483	1.816	PD Fixed	4631178.625	1485510.227	4112594.956	4476687.132	736265.054	63.741	0.025	0.050	2.512	3.052	18-06-2023	46288000	6	4
"2049"	40°24'25.91281"N	17°47'05.44575"E	107.374	1.816	PD Fixed	4631171.213	1485555.378	4112586.879	4476678.045	736310.632	63.634	0.020	0.041	2.111	2.525	18-06-2023	46306000	7	5
"2050"	40°24'27.47082"N	17°47'05.87133"E	107.481	1.816	PD Fixed	4631138.562	1485555.442	4112623.542	4476726.409	736319.150	63.739	0.020	0.041	2.114	2.530	18-06-2023	46334000	7	5
"2051"	40°24'30.65576"N	17°47'06.78416"E	107.920	1.816	PD Fixed	4631071.667	1485556.588	4112698.632	4476825.307	736337.571	64.176	0.020	0.041	2.119	2.535	18-06-2023	46373000	7	5
"2052"	40°24'35.96701"N	17°47'08.19812"E	107.138	1.816	PD Fixed	4630959.791	1485555.713	4112822.870	4476990.150	736365.737	63.390	0.021	0.042	2.191	2.623	18-06-2023	46446000	7	4
"2053"	40°24'37.07784"N	17°47'08.46544"E	107.110	1.816	PD Fixed	4630936.695	1485554.923	4112848.942	4477024.605	736370.958	63.361	0.023	0.047	2.480	3.012	18-06-2023	46473000	7	5
"2054"	40°24'25.43889"N	17°47'08.33950"E	107.511	1.816	PD Fixed	4631159.494	1485623.276	4112575.837	4476665.581	736379.311	63.774	0.025	0.051	2.696	3.300	18-06-2023	46620000	7	5
"2055"	40°24'24.48655"N	17°47'13.99728"E	107.597	1.816	PD Fixed	4631136.936	1485756.143	4112553.524	4476640.420	736513.615	63.865	0.018	0.037	2.004	2.382	18-06-2023	46665000	7	5
"2056"	40°24'22.92740"N	17°47'23.11989"E	109.086	1.816	PD Fixed	4631101.983	1485970.837	4112517.868	4476599.128	736730.192	65.363	0.020	0.042	2.285	2.755	18-06-2023	46750000	8	5
"2057"	40°24'23.73810"N	17°47'23.50415"E	108.967	1.816	PD Fixed	4631083.694	1485974.485	4112536.833	4476624.415	736738.461	65.243	0.020	0.040	2.006	2.386	18-06-2023	46777000	7	5
"2058"	40°24'26.13625"N	17°47'24.12301"E	108.202	1.816	PD Fixed	4631033.024	1485973.551	4112592.664	4476698.832	736750.714	64.476	0.017	0.029	1.620	1.888	18-06-2023	46811000	9	5
"2059"	40°24'31.01249"N	17°47'25.50946"E	105.975	1.816	PD Fixed	4630928.583	1485974.372	4112705.751	4476850.242	736778.647	62.245	0.018	0.037	2.007	2.387	18-06-2023	46875000	7	5
"2060"	40°24'36.51110"N	17°47'27.04316"E	104.986	1.816	PD Fixed	4630812.127	1485974.981	4112834.254	4477020.954	736809.443	61.251	0.017	0.029	1.608	1.873	18-06-2023	46929000	8	5
"2061"	40°24'36.84158"N	17°47'28.67141"E	104.678	1.816	PD Fixed	4630793.881	1486009.446	4112841.816	4477032.358	736847.504	60.944	0.019	0.038	2.007	2.387	18-06-2023	46957000	8	5
"2062"	40°24'36.38213"N	17°47'31.78414"E	104.522	1.816	PD Fixed	4630780.090	1486082.100	4112830.924	4477020.509	736921.328	60.791	0.021	0.040	2.090	2.489	18-06-2023	46989000	7	5
"2063"	40°24'25.23125"N	17°47'27.58027"E	109.011	1.816	PD Fixed	4631025.933	1486056.890	4112571.932	4476673.498	736833.098	65.288	0.018	0.032	1.694	1.984	18-06-2023	47203000	8	5
"2064"	40°24'24.40405"N	17°47'29.54567"E	108.752	1.816	PD Fixed	4631027.333	1486106.010	4112552.335	4476649.453	736880.236	65.031	0.017	0.030	1.577	1.836	18-06-2023	47256000	9	5
"2065"	40°24'22.66221"N	17°47'32.45287"E	106.911	1.816	PD Fixed	4631038.213	1486181.496	4112510.230	4476597.903	736950.470	63.195	0.016	0.028	1.576	1.835	18-06-2023	47289000	9	5
"2066"	40°24'21.58938"N	17°47'35.91924"E	105.971	1.816	PD Fixed	4631032.979	1486265.659	4112484.422	4476567.403	737033.234	62.258	0.019	0.036	1.999	2.376	18-06-2023	47319000	8	5
"2067"	40°24'21.65103"N	17°47'39.01534"E	105.977	1.816	PD Fixed	4631009.500	1486334.796	4112485.873	4476571.612	737106.163	62.266	0.016	0.028	1.575	1.833	18-06-2023	47342000	9	5
"2068"	40°24'21.47476"N	17°47'41.61400"E	106.227	1.816	PD Fixed	4630994.311	1486394.276	4112481.895	4476568.115	737167.597	62.519	0.021	0.041	2.251	2.705	18-06-2023	47365000	7	5

"2069"	40°24'18.62013"N	17°47'42.59967"E	106.821	1.816	PD Fixed	4631041.983	1486433.987	4112415.230	4476480.817	737193.620	63.116	0.023	0.034	1.898	2.224	18-06-2023	47420000	8	5
"2070"	40°24'17.33842"N	17°47'43.81245"E	106.521	1.816	PD Fixed	4631057.425	1486468.979	4112384.930	4476442.196	737223.462	62.818	0.020	0.032	1.719	2.011	18-06-2023	47443000	8	5
"2071"	40°24'17.03038"N	17°47'47.94360"E	107.159	1.816	PD Fixed	4631033.980	1486563.762	4112378.109	4476435.779	737321.154	63.460	0.021	0.039	2.160	2.582	18-06-2023	47477000	7	5
"2072"	40°24'17.01589"N	17°47'50.29351"E	107.448	1.816	PD Fixed	4631017.529	1486616.677	4112377.955	4476437.087	737376.568	63.751	0.018	0.031	1.601	1.863	18-06-2023	47508000	8	5
"2073"	40°24'14.30495"N	17°47'50.38893"E	106.391	1.816	PD Fixed	4631067.682	1486635.140	4112313.594	4476353.556	737381.465	62.697	0.017	0.030	1.569	1.826	18-06-2023	47529000	9	5
"2074"	40°24'08.95513"N	17°47'50.43398"E	104.048	1.816	PD Fixed	4631167.499	1486668.298	4112186.414	4476188.608	737387.752	60.359	0.020	0.037	1.983	2.353	18-06-2023	47676000	8	5
"2075"	40°24'01.80562"N	17°47'50.58934"E	103.116	1.816	PD Fixed	4631301.798	1486715.258	4112017.871	4475968.243	737398.397	59.435	0.022	0.044	2.362	2.858	18-06-2023	47718000	8	4
"2076"	40°23'56.62762"N	17°47'50.64089"E	101.650	1.816	PD Fixed	4631398.925	1486747.714	4111895.289	4475808.598	737404.670	57.974	0.021	0.039	2.128	2.547	18-06-2023	47748000	8	5
"2077"	40°23'55.54308"N	17°47'50.67097"E	100.805	1.816	PD Fixed	4631418.740	1486754.820	4111869.265	4475775.175	737406.438	57.130	0.021	0.037	1.977	2.344	18-06-2023	47792000	7	5
"2078"	40°23'49.91893"N	17°47'50.75786"E	99.526	1.816	PD Fixed	4631524.237	1486790.838	4111736.320	4475601.798	737413.979	55.858	0.022	0.039	1.975	2.341	18-06-2023	47834000	8	5
"2079"	40°23'45.90166"N	17°47'50.88146"E	100.125	1.816	PD Fixed	4631600.243	1486818.299	4111642.337	4475478.003	737420.817	56.460	0.017	0.029	1.558	1.810	18-06-2023	47864000	8	5
"2080"	40°23'45.96954"N	17°47'59.98873"E	99.711	1.816	PD Fixed	4631532.998	1487022.286	4111643.664	4475486.900	737635.482	56.053	0.020	0.035	1.971	2.335	18-06-2023	47910000	7	5
"2081"	40°23'46.02847"N	17°48'03.52303"E	99.764	1.816	PD Fixed	4631506.434	1487101.299	4111645.082	4475491.359	737718.756	56.109	0.020	0.035	1.970	2.333	18-06-2023	47934000	8	5
"2082"	40°23'46.13269"N	17°48'16.95158"E	99.765	1.816	PD Fixed	4631407.627	1487402.186	4111647.532	4475504.619	738035.272	56.120	0.020	0.035	1.966	2.326	18-06-2023	48017000	8	5
"2083"	40°23'46.13936"N	17°48'18.54666"E	99.597	1.816	PD Fixed	4631395.875	1487437.921	4111647.579	4475506.019	738072.874	55.953	0.021	0.036	1.965	2.325	18-06-2023	48036000	8	5
"2084"	40°23'46.23843"N	17°48'23.76817"E	99.585	1.816	PD Fixed	4631356.326	1487554.554	4111649.899	4475512.984	738195.890	55.945	0.020	0.034	1.963	2.322	18-06-2023	48070000	8	5
"2085"	40°23'46.33819"N	17°48'33.04881"E	99.726	1.816	PD Fixed	4631287.594	1487762.358	4111652.334	4475523.016	738414.611	56.093	0.021	0.036	1.961	2.318	18-06-2023	48124000	8	5
"2086"	40°23'45.84163"N	17°48'17.19493"E	99.622	1.816	PD Fixed	4631411.307	1487409.396	4111640.601	4475495.825	738041.295	55.977	0.019	0.026	1.553	1.801	18-06-2023	48305000	9	5
"2087"	40°23'45.71689"N	17°48'16.60631"E	99.679	1.816	PD Fixed	4631417.967	1487396.955	4111637.708	4475491.537	738027.538	56.034	0.018	0.028	1.541	1.784	18-06-2023	48345000	9	5
"2088"	40°23'42.18848"N	17°48'15.43936"E	100.047	1.816	PD Fixed	4631493.803	1487392.404	4111555.058	4475381.852	738003.478	56.404	0.019	0.029	1.631	1.900	18-06-2023	48379000	9	5
"2089"	40°23'36.97327"N	17°48'13.70905"E	100.765	1.816	PD Fixed	4631606.057	1487385.594	4111433.008	4475219.727	737967.785	57.127	0.017	0.025	1.398	1.614	18-06-2023	48421000	9	5
"2090"	40°23'32.59571"N	17°48'12.28457"E	101.113	1.816	PD Fixed	4631699.893	1487380.442	4111330.393	4475083.663	737938.481	57.478	0.019	0.029	1.625	1.891	18-06-2023	48477000	9	5
"2091"	40°23'29.16547"N	17°48'11.11196"E	101.338	1.816	PD Fixed	4631773.793	1487375.127	4111249.953	4474977.001	737914.188	57.706	0.019	0.030	1.623	1.888	18-06-2023	48511000	8	5
"2092"	40°23'25.85246"N	17°48'10.06725"E	101.406	1.816	PD Fixed	4631844.425	1487371.930	4111172.164	4474874.051	737892.795	57.777	0.020	0.030	1.621	1.884	18-06-2023	48553000	8	5
"2093"	40°23'23.61216"N	17°48'10.65974"E	101.606	1.816	PD Fixed	4631882.931	1487398.972	4111119.661	4474805.406	737908.958	57.980	0.019	0.028	1.619	1.881	18-06-2023	48581000	8	5
"2094"	40°23'22.64075"N	17°48'11.25632"E	102.172	1.816	PD Fixed	4631897.526	1487418.437	4111097.206	4474775.896	737923.976	58.547	0.019	0.028	1.532	1.770	18-06-2023	48621000	8	5

"2095"	40°23'23.68290"N	17°48'14.69778"E	102.223	1.816	PD Fixed	4631852.913	1487489.361	4111121.723	4474810.609	738004.107	58.600	0.018	0.027	1.532	1.769	18-06-2023	48642000	8	5
"2096"	40°23'25.31218"N	17°48'19.70712"E	102.663	1.816	PD Fixed	4631786.100	1487591.994	4111160.285	4474864.604	738120.632	59.042	0.018	0.027	1.531	1.768	18-06-2023	48664000	8	5
"2097"	40°23'23.74955"N	17°48'20.64591"E	102.563	1.816	PD Fixed	4631808.994	1487622.603	4111123.509	4474817.118	738144.299	58.944	0.027	0.057	3.068	3.772	18-06-2023	48692000	7	4
"2098"	40°23'21.06350"N	17°48'22.32199"E	103.296	1.816	PD Fixed	4631848.553	1487676.828	4111060.879	4474735.539	738186.453	59.682	0.022	0.039	2.035	2.411	18-06-2023	48721000	7	4
"2099"	40°23'15.65255"N	17°48'25.18647"E	104.917	1.816	PD Fixed	4631932.034	1487774.603	4110934.804	4474570.818	738259.300	61.311	0.022	0.037	2.039	2.416	18-06-2023	48762000	8	4
"2100"	40°23'11.91395"N	17°48'26.91290"E	106.689	1.816	PD Fixed	4631992.007	1487836.636	4110848.115	4474456.818	738303.674	63.087	0.024	0.048	2.540	3.092	18-06-2023	48801000	7	4
"2101"	40°23'10.39398"N	17°48'27.64862"E	107.252	1.816	PD Fixed	4632016.031	1487862.579	4110812.769	4474410.495	738322.513	63.653	0.020	0.032	1.753	2.048	18-06-2023	48845000	9	4
"2102"	40°23'09.28047"N	17°48'27.88522"E	107.608	1.816	PD Fixed	4632035.771	1487874.781	4110786.838	4474376.333	738329.183	64.010	0.018	0.026	1.526	1.758	18-06-2023	48865000	9	5
"2103"	40°23'08.40176"N	17°48'25.50642"E	107.680	1.816	PD Fixed	4632069.703	1487826.748	4110766.239	4474347.453	738273.949	64.082	0.019	0.028	1.525	1.757	18-06-2023	48899000	9	5
"2104"	40°23'07.50495"N	17°48'22.70593"E	107.600	1.816	PD Fixed	4632106.909	1487769.320	4110745.117	4474317.698	738208.787	64.001	0.019	0.027	1.571	1.815	18-06-2023	48933000	8	5
"2105"	40°24'26.87835"N	17°46'56.06757"E	107.548	1.816	PD Fixed	4631220.495	1485338.956	4112609.670	4476700.853	736088.612	63.800	0.033	0.054	3.197	3.852	18-06-2023	49932000	7	3
"2106"	40°24'20.75877"N	17°46'55.01783"E	109.318	1.816	PD Fixed	4631345.849	1485353.166	4112467.082	4476511.354	736069.810	65.576	0.034	0.056	3.206	3.859	18-06-2023	49977000	7	4
"2107"	40°24'15.24414"N	17°46'54.17620"E	108.650	1.816	PD Fixed	4631456.416	1485367.785	4112337.119	4476340.666	736055.325	64.913	0.034	0.055	3.217	3.867	18-06-2023	50028000	7	3
"2108"	40°24'15.49775"N	17°46'54.24354"E	108.735	1.816	PD Fixed	4631451.164	1485367.768	4112343.131	4476348.537	736056.666	64.998	0.035	0.055	3.228	3.876	18-06-2023	50078000	7	4
"2109"	40°24'16.56071"N	17°46'50.44888"E	109.088	1.816	PD Fixed	4631458.509	1485276.155	4112368.327	4476378.500	735966.175	65.347	0.026	0.034	1.835	2.156	18-06-2023	50119000	7	3
"2110"	40°24'17.88716"N	17°46'47.11803"E	110.113	1.816	PD Fixed	4631457.982	1485193.504	4112400.148	4476416.934	735886.363	66.368	0.025	0.033	2.006	2.411	18-06-2023	50136000	7	4
"2111"	40°24'22.11473"N	17°46'36.35493"E	108.717	1.816	PD Fixed	4631453.973	1484925.697	4112498.541	4476539.325	735628.526	64.960	0.026	0.036	1.998	2.400	18-06-2023	50174000	7	3
"2112"	40°24'23.41948"N	17°46'32.99903"E	108.937	1.816	PD Fixed	4631453.449	1484842.431	4112529.329	4476577.075	735548.148	65.176	0.026	0.036	1.995	2.394	18-06-2023	50190000	7	3
"2113"	40°24'25.49493"N	17°46'27.63600"E	106.008	1.816	PD Fixed	4631450.414	1484708.660	4112576.179	4476637.107	735419.708	62.241	0.037	0.037	2.487	2.971	18-06-2023	50220000	6	4
"2114"	40°24'22.81349"N	17°46'25.71290"E	107.022	1.816	PD Fixed	4631516.046	1484682.081	4112513.855	4476552.991	735376.969	63.256	0.027	0.039	2.301	2.717	18-06-2023	50240000	6	4
"2115"	40°24'19.67913"N	17°46'23.60108"E	106.020	1.816	PD Fixed	4631590.198	1484653.558	4112439.585	4476454.768	735330.219	62.256	0.028	0.041	2.302	2.717	18-06-2023	50261000	7	4
"2116"	40°24'21.79503"N	17°46'17.91024"E	104.626	1.816	PD Fixed	4631589.860	1484512.536	4112488.380	4476515.809	735194.012	60.856	0.025	0.033	1.972	2.363	18-06-2023	50290000	7	4
"2117"	40°24'25.08937"N	17°46'09.52601"E	106.073	1.816	PD Fixed	4631588.523	1484304.505	4112566.695	4476611.201	734993.174	62.294	0.032	0.042	2.437	2.982	18-06-2023	50323000	7	3
"2118"	40°24'23.71167"N	17°46'12.60294"E	105.459	1.816	PD Fixed	4631592.167	1484381.860	4112533.938	4476570.990	735067.042	61.683	0.032	0.057	3.256	4.058	18-06-2023	50434000	6	4
"2119"	40°24'20.72783"N	17°46'10.88026"E	104.614	1.816	PD Fixed	4631660.764	1484361.189	4112463.306	4476477.699	735029.317	60.840	0.033	0.047	2.674	3.217	18-06-2023	50463000	6	4
"2120"	40°24'17.76878"N	17°46'09.18104"E	104.183	1.816	PD Fixed	4631729.020	1484340.988	4112393.524	4476385.190	734992.119	60.411	0.033	0.046	2.671	3.213	18-06-2023	50489000	7	4

"2121"	40°24'17.85170"N	17°46'08.49959"E	103.784	1.816	PD Fixed	4631732.056	1484325.088	4112395.213	4476387.243	734975.974	60.012	0.026	0.033	2.228	2.597	18-06-2023	51286000	6	5
"2122"	40°24'18.61280"N	17°46'06.61299"E	103.289	1.816	PD Fixed	4631730.782	1484277.965	4112412.769	4476409.320	734930.762	59.515	0.034	0.039	2.478	2.900	18-06-2023	51349000	7	5
"2123"	40°24'18.70265"N	17°46'05.68935"E	103.292	1.816	PD Fixed	4631735.720	1484256.677	4112414.881	4476411.408	734908.901	59.517	0.039	0.037	2.536	2.869	18-06-2023	51387000	6	4
"2124"	40°24'17.90625"N	17°46'05.29940"E	102.835	1.816	PD Fixed	4631753.358	1484252.673	4112395.878	4476386.560	734900.477	59.060	0.022	0.026	1.662	1.946	18-06-2023	51432000	7	5
"2125"	40°24'17.29754"N	17°46'04.69219"E	106.123	1.816	PD Fixed	4631771.701	1484243.516	4112383.712	4476367.340	734886.751	62.349	0.018	0.021	1.401	1.618	18-06-2023	51588000	8	5
"2126"	40°24'17.31591"N	17°46'04.68962"E	103.212	1.816	PD Fixed	4631769.259	1484242.670	4112382.257	4476367.905	734886.673	59.438	0.029	0.032	1.936	2.290	18-06-2023	51632000	7	5
"2127"	40°24'16.04748"N	17°46'03.83561"E	103.537	1.816	PD Fixed	4631799.791	1484231.307	4112352.674	4476328.157	734867.765	59.764	0.017	0.021	1.344	1.544	18-06-2023	51705000	8	5
"2128"	40°24'14.09516"N	17°46'02.73209"E	104.200	1.816	PD Fixed	4631845.383	1484218.592	4112307.246	4476267.135	734843.636	60.428	0.032	0.036	2.281	2.750	18-06-2023	51764000	6	5
"2129"	40°24'12.97355"N	17°46'02.02629"E	104.647	1.816	PD Fixed	4631872.142	1484209.689	4112281.191	4476232.025	734828.080	60.876	0.025	0.029	1.854	2.218	18-06-2023	51804000	7	5
"2130"	40°24'11.72948"N	17°45'59.17098"E	105.839	1.816	PD Fixed	4631917.238	1484153.437	4112252.742	4476191.551	734761.967	62.067	0.020	0.023	1.451	1.686	18-06-2023	51902000	8	5
"2131"	40°24'11.58839"N	17°45'59.38918"E	105.792	1.816	PD Fixed	4631918.320	1484159.187	4112249.397	4476187.361	734767.248	62.021	0.026	0.030	1.874	2.246	18-06-2023	51932000	7	5
"2132"	40°24'10.71818"N	17°45'57.11671"E	104.541	1.816	PD Fixed	4631950.332	1484113.174	4112228.146	4476158.847	734714.514	60.769	0.034	0.035	2.336	2.670	18-06-2023	52005000	7	3
"2133"	40°24'09.71976"N	17°45'54.48965"E	104.127	1.816	PD Fixed	4631987.944	1484060.174	4112204.426	4476126.118	734653.543	60.355	0.019	0.021	1.554	1.781	18-06-2023	52081000	8	4
"2134"	40°24'09.23529"N	17°45'53.07237"E	104.743	1.816	PD Fixed	4632007.811	1484031.445	4112193.445	4476110.132	734620.598	60.970	0.019	0.023	1.594	1.866	18-06-2023	52120000	8	4
"2135"	40°24'08.67154"N	17°45'51.20614"E	104.041	1.816	PD Fixed	4632031.463	1483992.811	4112179.748	4476091.370	734577.144	60.268	0.023	0.028	1.662	1.940	18-06-2023	52176000	7	5
"2136"	40°24'07.50215"N	17°45'47.13122"E	103.906	1.816	PD Fixed	4632082.946	1483908.403	4112152.192	4476052.302	734482.203	60.131	0.030	0.035	2.350	2.815	18-06-2023	53212000	7	4
"2137"	40°24'05.94393"N	17°45'49.51080"E	104.050	1.816	PD Fixed	4632095.598	1483971.379	4112115.684	4476006.004	734539.807	60.278	0.015	0.020	1.221	1.395	18-06-2023	53231000	9	5
"2138"	40°24'05.26914"N	17°45'50.08047"E	103.742	1.816	PD Fixed	4632104.123	1483988.216	4112099.634	4475985.614	734553.889	59.972	0.028	0.033	2.351	2.817	18-06-2023	53249000	9	5
"2139"	40°24'03.83218"N	17°45'45.65900"E	103.813	1.816	PD Fixed	4632163.343	1483897.703	4112065.926	4475938.039	734451.034	60.042	0.024	0.029	2.339	2.803	18-06-2023	53282000	8	4
"2140"	40°24'02.55549"N	17°45'41.85248"E	103.834	1.816	PD Fixed	4632215.049	1483820.010	4112035.951	4475895.862	734362.522	60.062	0.020	0.025	1.583	1.855	18-06-2023	53313000	8	4
"2141"	40°24'02.45735"N	17°45'41.55758"E	104.006	1.816	PD Fixed	4632219.164	1483814.026	4112033.757	4475892.618	734355.664	60.234	0.033	0.042	2.636	3.206	18-06-2023	53364000	9	4
"2142"	40°23'59.49289"N	17°45'33.28125"E	104.780	1.816	PD Fixed	4632335.699	1483646.414	4111964.623	4475795.101	734163.395	61.005	0.016	0.021	1.295	1.492	18-06-2023	53694000	10	5
"2143"	40°23'59.05513"N	17°45'32.25710"E	105.058	1.816	PD Fixed	4632351.603	1483626.148	4111954.520	4475780.847	734139.670	61.284	0.017	0.022	1.295	1.492	18-06-2023	53740000	10	5
"2144"	40°23'56.44961"N	17°45'33.50763"E	104.999	1.816	PD Fixed	4632392.170	1483670.106	4111893.277	4475701.417	734171.664	61.228	0.017	0.022	1.340	1.545	18-06-2023	53773000	10	5
"2145"	40°23'54.06808"N	17°45'33.03460"E	105.004	1.816	PD Fixed	4632440.917	1483674.006	4111837.337	4475627.626	734162.805	61.236	0.016	0.021	1.265	1.449	18-06-2023	53808000	10	5
"2146"	40°23'48.63715"N	17°45'25.49701"E	106.656	1.816	PD Fixed	4632599.726	1483538.215	4111710.831	4475454.596	733990.318	62.890	0.017	0.022	1.259	1.443	18-06-2023	54536000	11	4

"2147"	40°23'48.54727"N	17°45'25.83995"E	106.728	1.816	PD Fixed	4632599.023	1483546.482	4111708.766	4475452.076	733998.490	62.962	0.016	0.020	1.241	1.424	18-06-2023	54550000	11	5
"2148"	40°23'38.56192"N	17°45'25.85979"E	107.379	1.816	PD Fixed	4632789.447	1483607.955	4111474.615	4475144.157	734008.568	63.625	0.018	0.022	1.256	1.439	18-06-2023	54838000	10	4
"2149"	40°23'38.27575"N	17°45'23.63466"E	107.386	1.816	PD Fixed	4632810.905	1483559.724	4111467.897	4475133.695	733956.378	63.631	0.020	0.028	1.608	1.893	18-06-2023	54897000	10	5
"2150"	40°23'38.04488"N	17°45'20.43981"E	107.466	1.816	PD Fixed	4632838.336	1483489.392	4111462.525	4475124.226	733881.270	63.710	0.017	0.024	1.476	1.718	18-06-2023	54920000	10	4
"2151"	40°23'40.18762"N	17°45'17.15729"E	107.926	1.816	PD Fixed	4632821.486	1483402.709	4111513.160	4475187.890	733801.812	64.165	0.018	0.024	1.482	1.726	18-06-2023	54951000	10	4
"2152"	40°23'40.82202"N	17°45'09.69512"E	108.783	1.816	PD Fixed	4632863.693	1483231.436	4111528.619	4475201.970	733625.256	65.016	0.018	0.025	1.489	1.734	18-06-2023	54999000	10	5
"2153"	40°23'39.49721"N	17°45'03.11586"E	108.107	1.816	PD Fixed	4632935.733	1483091.578	4111497.059	4475156.283	733471.401	64.339	0.019	0.027	1.595	1.868	18-06-2023	55051000	9	4
"2154"	40°23'38.00184"N	17°44'57.66952"E	107.528	1.816	PD Fixed	4633002.939	1482978.224	4111461.554	4475106.171	733344.419	63.757	0.021	0.033	1.833	2.191	18-06-2023	55107000	8	4
"2155"	40°23'36.58944"N	17°44'51.89544"E	108.079	1.816	PD Fixed	4633071.740	1482857.263	4111428.730	4475058.379	733209.629	64.306	0.022	0.038	2.063	2.507	18-06-2023	55165000	9	4
"2156"	40°23'36.31113"N	17°44'51.60163"E	108.564	1.816	PD Fixed	4633079.503	1482852.472	4111422.507	4475049.581	733202.968	64.792	0.020	0.033	1.858	2.225	18-06-2023	55183000	8	4
"2157"	40°23'32.08636"N	17°44'52.10014"E	109.692	1.816	PD Fixed	4633157.166	1482889.674	4111323.987	4474919.661	733218.775	65.926	0.022	0.038	2.165	2.640	18-06-2023	55207000	9	4
"2158"	40°23'28.85390"N	17°44'52.46444"E	110.673	1.816	PD Fixed	4633216.794	1482917.780	4111248.682	4474820.244	733230.465	66.911	0.019	0.028	1.641	1.928	18-06-2023	55229000	8	4
"2159"	40°23'28.50619"N	17°44'51.31205"E	111.294	1.816	PD Fixed	4633232.149	1482894.157	4111240.916	4474808.676	733203.626	67.531	0.023	0.038	2.102	2.547	18-06-2023	55244000	9	4
"2160"	40°23'28.31668"N	17°44'49.93419"E	111.424	1.816	PD Fixed	4633245.757	1482864.391	4111236.548	4474801.821	733171.318	67.660	0.022	0.037	2.115	2.565	18-06-2023	55279000	8	4
"2161"	40°26'07.31644"N	17°48'21.38848"E	94.420	1.916	PD Fixed	4628683.520	1486637.160	4114959.650	4479861.877	738001.534	50.549	0.016	0.027	1.420	1.619	14-07-2023	33291000	9	7
"2162"	40°26'07.31656"N	17°48'21.38854"E	94.405	1.916	PD Fixed	4628683.507	1486637.157	4114959.643	4479861.881	738001.535	50.534	0.016	0.026	1.420	1.619	14-07-2023	33297000	9	7
"2163"	40°25'40.98707"N	17°48'25.57126"E	92.931	1.916	PD Fixed	4629153.771	1486891.752	4114340.494	4479053.043	738125.919	49.085	0.013	0.021	1.294	1.457	14-07-2023	33820000	10	7
"2164"	40°26'13.81642"N	17°48'46.77519"E	101.830	1.916	PD Fixed	4628382.074	1487168.783	4115117.060	4480081.370	738593.366	57.977	0.015	0.023	1.233	1.392	14-07-2023	34171000	9	8
"2165"	40°26'27.88000"N	17°50'27.08653"E	91.330	1.916	PD Fixed	4627382.825	1489330.840	4115440.414	4480590.783	740943.115	47.563	0.016	0.027	1.543	1.779	14-07-2023	35370000	8	6
"2166"	40°26'24.96761"N	17°50'24.84478"E	91.601	1.916	PD Fixed	4627454.678	1489298.464	4115372.218	4480499.268	740893.184	47.834	0.017	0.026	1.593	1.857	14-07-2023	35535000	7	7
"N2"	40°25'16.68627"N	17°47'58.00334"E	98.677	1.916	PD Fixed	4629819.416	1486422.958	4113773.600	4478283.006	737499.992	54.829	0.015	0.025	1.469	1.691	14-07-2023	36759800	8	7
"N1"	40°25'34.74591"N	17°47'27.26867"E	97.421	1.916	PD Fixed	4629695.994	1485622.410	4114196.859	4478817.010	736757.996	53.531	0.016	0.024	1.225	1.384	14-07-2023	37663600	8	8
"N5"	40°23'51.87232"N	17°48'33.46433"E	99.100	1.916	PD Fixed	4631178.742	1487737.683	4111781.866	4475693.993	738418.981	55.361	0.016	0.023	1.300	1.490	14-07-2023	46695800	9	5
"N6"	40°23'04.99272"N	17°48'23.75525"E	108.470	1.916	PD Fixed	4632147.702	1487808.418	4110686.590	4474241.010	738235.992	64.774	0.016	0.023	1.300	1.493	14-07-2023	47440600	9	6
"N4"	40°24'37.02594"N	17°47'12.49480"E	106.240	1.916	PD Fixed	4630907.959	1485645.479	4112847.094	4477026.001	736465.993	62.393	0.018	0.024	1.416	1.631	14-07-2023	48613600	9	6
"N3"	40°24'38.87511"N	17°47'36.62452"E	103.647	1.916	PD Fixed	4630697.043	1486175.309	4112888.844	4477100.998	737032.999	59.817	0.016	0.024	1.457	1.692	14-07-2023	49486400	8	6

"2167"	40°23'27.22840"N	17°44'43.82258"E	113.569	1.916	PD Fixed	4633311.892	1482734.212	4111212.306	4474763.781	733028.252	69.702	0.014	0.027	1.526	1.744	14-07-2023	52155000	10	4
"2168"	40°23'27.22855"N	17°44'43.82209"E	113.570	1.916	PD Fixed	4633311.894	1482734.201	4111212.310	4474763.785	733028.240	69.704	0.015	0.032	1.689	1.948	14-07-2023	52164000	10	4
"2169"	40°23'28.43301"N	17°44'51.83123"E	111.399	1.916	PD Fixed	4633229.813	1482906.266	4111239.200	4474806.800	733215.938	67.537	0.014	0.025	1.490	1.695	14-07-2023	52767000	10	4
"2170"	40°23'20.22231"N	17°44'50.86446"E	112.456	1.916	PD Fixed	4633393.832	1482934.820	4111046.986	4474552.886	733201.016	68.603	0.013	0.024	1.477	1.678	14-07-2023	52915000	10	4