

LRCK AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRCK - CONSTANȚA / Mihail Kogălniceanu-Constanța**LRCK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	442144N 0282918E Runway centre.
2	Direction and distance from city	14 NM (26 KM) North - North West from Constanța.
3	Elevation/Reference temperature/mean low temperature	353 FT / 31.6°C / -10.0°C
4	Geoid undulation at AD ELEV PSN	112 FT
5	MAG VAR/ Annual rate of change	7°E (2021) / 6.7'E
6	AD Administration, address, telephone, telefax, e-mail, AFS, website	S.N. Aeroportul Internațional M.Kogălniceanu - CONSTANȚA S.A. Str. Tudor Vladimirescu, nr. 4, Mihail Kogălniceanu, Tel: + 40 - (0)241 - 255177, 255100, 255762 Fax: + 40 - (0)241 - 508022, + 40 - (0)241 - 255762 AFS: LRCKRAYD e-mail: aeroport@mk-airport.ro SITA: CNDAPXH
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	NIL

LRCK AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	H24
3	Health and sanitation	H24
4	AIS Briefing Office	H24, see GEN 3.1-5
5	ATS Reporting Office (ARO)	H24, see ENR 1.10-3
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	H24
9	Handling	H24
10	Security	H24
11	De-icing	H24
12	Remarks	NIL

LRCK AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	2 lower deck loader (7t and 22.7t), 3 conveyor belts, 4 baggage tractors, 7 pallet dollies, 4 fork-lift.
2	Fuel/Oil types	JET A1; JP 8; F 34; F 35 Fuel additive: Nil
3	Fuelling facilities/capacity	4 storage tanks x 80000 l, 2 storage tanks x 90000 l 3 refueling trucks – 1 x 12000 l; 2 x 45000 l, 2 refueling trucks x 36000 l.
4	De-icing facilities	2 de/anti-icing units, with liquid TYPE II
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

LRCK AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city and near the airport.
2	Restaurants	1 Restaurant, 1 snack bar, 1 bar on the AD.
3	Transportation	Taxi and shuttle bus.
4	Medical facilities	First aid on the AD, doctor, ambulance, 1 ambulift. Hospitals in the city.
5	Bank and Post Office	ATM.
6	Tourist Office	In the city.
7	Remarks	NIL

LRCK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: CAT 7. CAT 8, CAT 9 and CAT 10 with minimum 48 hours notification in advance.
2	Rescue equipment	Holmatro extrication tools, Webber hydraulic extrication tools.
3	Capability for removal of disabled aircraft	Only aircraft towing equipment available for Boeing 737 and Airbus 320. Dispatch office: +40751126999, e-mail: ops@mk-airport.ro.
4	Remarks	NIL

LRCK AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1	Types of clearing equipment	4 snow blowers, 6 snow ploughs, 5 sweepers, 1 solid spreader, 2 liquid spreader, 1 mu-meter.
2	Clearance priorities	1. RWY 36/18 2. TWY A and B 3. Apron 1 and 2 4. Access to the national road.
3	Use of material for movement area surface treatment	KFOR
4	Specially prepared winter runways	NIL
5	Remarks	Information on snow clearance is based on Runway Condition Report (RCR) and published in SNOWTAM with respect of Global Reporting Format (GRF) method. The RCR is continuously updated and forwarded to air traffic services and to aeronautical information services for transmission to the flight crew by SNOWTAM and radio broadcast. Unit of the airport operator providing information on the progress of the snow removal and the conditions of the movement area: Safety and Operative Department - Tel.: +40 740 017 435. See also the snow plan in AD 1.2.

LRCK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron designation, surface and strength	Surface: Concrete Strength: See AD 2.8-22
2	Taxiway designation, width, surface and strength	Width: TWY A, I: 35 M, TWY B: 25 M, TWY G: 33M, TWY H: 23 M Surface: Concrete Strength: TWY A, B, I: 62/R/D/W/T, TWY G, H: 62/R/D/W/T
3	ACL location and elevation	APRON 316 FT
4	VOR checkpoints	NIL
5	INS checkpoints	See AD 2.8-22
6	Remarks	Turning bay at THR 18 situated on the RWY, simmetrically to RWY axis with turning centerline marking. Total size of turning bay: 100M length x 80M width, with the characteristics as folow: central area 100M length x 45M width PCN 62/R/A/W/T, left/right adjacent to RWY 100M length x 17.5M width PCN 36/R/D/W/T. Surface: concrete.

LRCK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Taxiing guidance signs at intersection with TWY and RWY, at holding positions. Guide lines on the apron. Nose-in guidance at aircraft stands.
2	RWY and TWY markings	RWY: Designation, THR, TDZ, centre line, edges, aiming point, marked as appropriate; TWY: Centre line, edges, holding position at TWY/RWY intersections, marked.
3	Stop bars	Red stop bars at all intersections of TWY's with RWY.
4	Remarks	NIL

LRCK AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
1343	Building	442253.9N 0282930.8E	367/9 FT	NIL	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
1344	Building	442253.9N 0282931.7E	370/15 FT	MARKED/LGTD R	
1345	Antenna	442253.9N 0282928.0E	367/9 FT	MARKED/LGTD R	
1351	Building	442253.4N 0282932.2E	369/15 FT	MARKED/LGTD R	
1641	Tree	442014.8N 0282902.8E	342/39 FT	NIL	
484	Windmill	442212.8N 0282146.9E	853/509 FT	MARKED/LGTD R	
488	Windmill	442140.7N 0282152.0E	873/509 FT	MARKED/LGTD R	
490	Windmill	442058.5N 0282152.6E	837/509 FT	MARKED/LGTD R	
493	Windmill	442121.0N 0282159.9E	876/509 FT	MARKED/LGTD R	
496	Windmill	442214.1N 0282211.0E	879/509 FT	MARKED/LGTD R	
499	Windmill	442154.5N 0282217.2E	902/509 FT	MARKED/LGTD R	
501	Windmill	442134.5N 0282234.2E	876/509 FT	MARKED/LGTD R	
503	Windmill	442058.4N 0282235.5E	833/509 FT	MARKED/LGTD R	

a	b	c	d	e	f
505	Windmill	442218.6N 0282248.7E	850/509 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
506	Windmill	442115.7N 0282251.4E	850/509 FT	MARKED/LGTD R	
508	Windmill	442154.2N 0282312.2E	912/509 FT	MARKED/LGTD R	
515	Windmill	442403.5N 0282408.6E	817/495 FT	MARKED/LGTD R	
516	Windmill	442420.2N 0282417.5E	820/495 FT	MARKED/LGTD R	
518	Windmill	442442.1N 0282430.8E	833/495 FT	MARKED/LGTD R	
519	Windmill	442618.1N 0282439.2E	1024/495 FT	MARKED/LGTD R	
524	Windmill	442605.0N 0282509.8E	994/495 FT	MARKED/LGTD R	
526	Windmill	442547.9N 0282523.9E	951/495 FT	MARKED/LGTD R	
527	Windmill	442614.1N 0282527.1E	1037/495 FT	MARKED/LGTD R	
528	Windmill	442510.6N 0282525.6E	899/495 FT	MARKED/LGTD R	
530	Windmill	442601.5N 0282546.5E	997/495 FT	MARKED/LGTD R	
531	Windmill	442542.1N 0282554.8E	984/495 FT	MARKED/LGTD R	
572	Antenna	442156.5N 0282811.0E	450/138 FT	MARKED/LGTD R	
575	Pole	442037.3N 0282809.6E	393/69 FT	NIL	
586	Antenna	442107.7N 0282834.9E	406/82 FT	MARKED/LGTD R	
592	Antenna	442054.7N 0282851.1E	376/59 FT	MARKED/LGTD R	
593	Stack	442105.5N 0282851.8E	372/56 FT	MARKED/LGTD R	
594	Pole	442055.9N 0282851.3E	381/66 FT	MARKED/LGTD R	
595	Pole	442057.6N 0282851.7E	378/66 FT	MARKED/LGTD R	
596	Pole	442059.7N 0282852.0E	382/66 FT	MARKED/LGTD R	
1398	Pole	442218.2N 0282913.0E	380/59 FT	NIL	
1399	Pole	442217.2N 0282912.9E	379/59 FT	NIL	
1403	Pole	442216.2N 0282912.8E	380/59 FT	NIL	
1410	Tree	442212.8N 0282910.8E	382/56 FT	NIL	
1417	Tree	442210.1N 0282909.6E	380/59 FT	NIL	
1421	Pole	442208.0N 0282907.0E	372/52 FT	NIL	
1454	Tree	442133.8N 0282858.3E	368/59 FT	NIL	
1456	Tree	442132.0N 0282858.1E	367/59 FT	NIL	
1459	Tree	442130.0N 0282900.2E	393/82 FT	NIL	
1462	Tree	442129.5N 0282900.3E	391/82 FT	NIL	
1464	Tree	442129.3N 0282900.5E	376/67 FT	NIL	
1468	Building	442127.6N 0282928.1E	365/53 FT	MARKED/LGTD R	
1469	Tree	442128.3N 0282900.7E	359/51 FT	NIL	
1473	Tree	442127.0N 0282857.5E	369/62 FT	NIL	
1474	Tree	442127.0N 0282856.8E	367/62 FT	NIL	
1483	Tree	442122.3N 0282856.2E	355/49 FT	NIL	
1485	Tree	442121.0N 0282900.4E	367/59 FT	NIL	
1487	Pole	442119.5N 0282902.3E	359/49 FT	MARKED/LGTD R	
1488	Tree	442119.6N 0282859.2E	369/59 FT	NIL	
1489	Tree	442119.1N 0282855.5E	381/72 FT	NIL	
1491	Pole	442117.7N 0282901.7E	361/49 FT	MARKED/LGTD R	
1492	Pole	442116.2N 0282901.5E	361/49 FT	MARKED/LGTD R	
1493	Pole	442114.6N 0282901.2E	360/49 FT	MARKED/LGTD R	
1494	Tree	442114.6N 0282855.1E	380/69 FT	NIL	
1495	Tree	442114.1N 0282855.8E	365/56 FT	NIL	
1497	Pole	442113.0N 0282901.0E	362/49 FT	MARKED/LGTD R	
1504	Tree	442109.9N 0282855.3E	371/58 FT	NIL	
1513	Antenna	442104.2N 0282850.5E	424/107 FT	MARKED/LGTD R	
1519	Control tower	442102.5N 0282855.5E	409/92 FT	MARKED/LGTD R	
1520	Antenna	442102.5N 0282847.6E	425/111 FT	MARKED/LGTD R	
1521	Pole	442102.2N 0282852.4E	382/66 FT	MARKED/LGTD R	
1525	Pole	442101.6N 0282856.5E	377/62 FT	MARKED/LGTD R	
1535	Tree	442100.5N 0282851.0E	376/56 FT	NIL	
1536	Tree	442100.2N 0282850.2E	368/50 FT	NIL	
1545	Pole	442059.4N 0282856.2E	377/62 FT	MARKED/LGTD R	
1547	Tree	442059.6N 0282827.7E	380/54 FT	NIL	
1549	Building	442058.3N 0282855.1E	371/55 FT	MARKED/LGTD R	
1551	Tree	442058.2N 0282845.7E	368/51 FT	NIL	
1552	Pole	442056.9N 0282855.8E	378/62 FT	MARKED/LGTD R	
1556	Pole	442055.4N 0282851.5E	377/62 FT	MARKED/LGTD R	
1557	Pole	442054.6N 0282855.5E	378/62 FT	MARKED/LGTD R	
1559	Pole	442053.3N 0282844.1E	376/61 FT	MARKED/LGTD R	
1560	Pole	442052.1N 0282846.9E	377/61 FT	MARKED/LGTD R	
1561	Pole	442052.9N 0282849.6E	376/61 FT	MARKED/LGTD R	
1562	Pole	442052.7N 0282852.5E	374/61 FT	MARKED/LGTD R	
1563	Pole	442052.6N 0282855.2E	375/61 FT	MARKED/LGTD R	
1580	Pole	442045.2N 0282845.9E	372/61 FT	MARKED/LGTD R	
1581	Pole	442045.0N 0282848.6E	371/61 FT	MARKED/LGTD R	
1584	Pole	442044.8N 0282851.4E	368/61 FT	MARKED/LGTD R	
1588	Pole	442044.6N 0282854.1E	367/61 FT	MARKED/LGTD R	
1620	Pole	442037.3N 0282909.4E	315/9 FT	MARKED/LGTD R	
1621	Pole	442036.3N 0282909.3E	315/10 FT	MARKED/LGTD R	
2036	Tree	442034.7N 0282906.9E	313/12 FT	NIL	
2071	Tree	442034.7N 0282906.9E	313/12 FT	NIL	
2084	Tree	442034.7N 0282906.9E	313/12 FT	NIL	
2415	Tree	442034.7N 0282906.9E	313/12 FT	NIL	

a	b	c	d	e	f
2416	Tree	442034.7N 0282906.9E	313/12 FT	NIL	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
2421	Tree	442034.7N 0282906.9E	313/12 FT	NIL	
2422	Tree	442034.7N 0282906.9E	313/12 FT	NIL	
1	Windmill	441243.7N 0280024.4E	938/492 FT	MARKED/LGTD R	
2	Windmill	441304.1N 0280052.2E	915/492 FT	MARKED/LGTD R	
3	Pole	442228.4N 0280129.8E	440/377 FT	MARKED/LGTD R	
4	Pole	442232.4N 0280133.6E	442/394 FT	MARKED/LGTD R	
5	Pole	441851.0N 0280123.0E	502/344 FT	MARKED/LGTD R	
6	Windmill	441211.6N 0280107.9E	892/492 FT	MARKED/LGTD R	
7	Pole	441202.5N 0280114.8E	761/459 FT	MARKED/LGTD R	
8	Windmill	441153.0N 0280123.5E	922/492 FT	MARKED/LGTD R	
9	Pole	442206.5N 0280205.2E	445/377 FT	MARKED/LGTD R	
11	Pole	442210.0N 0280208.3E	441/394 FT	MARKED/LGTD R	
13	Windmill	441306.5N 0280147.4E	827/492 FT	MARKED/LGTD R	
15	Windmill	441343.4N 0280153.3E	858/492 FT	MARKED/LGTD R	
16	Pole	441315.7N 0280152.5E	703/377 FT	MARKED/LGTD R	
19	Windmill	441254.3N 0280201.2E	818/492 FT	MARKED/LGTD R	
20	Windmill	441235.5N 0280201.5E	764/492 FT	MARKED/LGTD R	
23	Windmill	441211.8N 0280214.7E	783/492 FT	MARKED/LGTD R	
24	Windmill	441244.5N 0280218.7E	895/492 FT	MARKED/LGTD R	
25	Windmill	441154.0N 0280219.6E	803/492 FT	MARKED/LGTD R	
29	Windmill	441312.8N 0280238.7E	826/492 FT	MARKED/LGTD R	
30	Windmill	441158.8N 0280241.6E	857/492 FT	MARKED/LGTD R	
31	Windmill	441230.8N 0280244.0E	853/492 FT	MARKED/LGTD R	
32	Windmill	441250.2N 0280246.8E	880/492 FT	MARKED/LGTD R	
33	Windmill	441209.8N 0280300.6E	843/492 FT	MARKED/LGTD R	
34	Windmill	441257.7N 0280307.7E	831/492 FT	MARKED/LGTD R	
35	Windmill	441239.8N 0280307.7E	877/492 FT	MARKED/LGTD R	
36	Windmill	441311.3N 0280314.9E	781/492 FT	MARKED/LGTD R	
37	Windmill	441156.7N 0280314.6E	899/492 FT	MARKED/LGTD R	
38	Windmill	441213.3N 0280318.6E	849/492 FT	MARKED/LGTD R	
39	Windmill	441226.3N 0280334.3E	875/492 FT	MARKED/LGTD R	
40	Windmill	441200.1N 0280334.2E	867/492 FT	MARKED/LGTD R	
41	Windmill	441140.5N 0280333.5E	802/492 FT	MARKED/LGTD R	
42	Windmill	441147.9N 0280345.6E	902/492 FT	MARKED/LGTD R	
43	Windmill	441211.6N 0280347.3E	882/492 FT	MARKED/LGTD R	
44	Windmill	441235.8N 0280350.1E	839/492 FT	MARKED/LGTD R	
47	Windmill	441137.8N 0280401.6E	861/492 FT	MARKED/LGTD R	
48	Windmill	441148.6N 0280419.7E	823/492 FT	MARKED/LGTD R	
49	Windmill	441129.1N 0280433.7E	876/492 FT	MARKED/LGTD R	
50	Windmill	441739.9N 0280502.3E	828/492 FT	MARKED/LGTD R	
51	Windmill	441739.9N 0280502.5E	747/492 FT	MARKED/LGTD R	
52	Windmill	441123.7N 0280446.2E	901/492 FT	MARKED/LGTD R	
53	Windmill	441756.9N 0280516.7E	821/492 FT	MARKED/LGTD R	
54	Windmill	441119.5N 0280459.5E	866/492 FT	MARKED/LGTD R	
55	Windmill	441920.4N 0280528.1E	786/492 FT	MARKED/LGTD R	
56	Windmill	441124.5N 0280506.6E	791/492 FT	MARKED/LGTD R	
57	Windmill	441951.6N 0280539.1E	838/492 FT	MARKED/LGTD R	
58	Windmill	441729.9N 0280536.7E	813/492 FT	MARKED/LGTD R	
59	Windmill	441911.7N 0280543.0E	809/492 FT	MARKED/LGTD R	
60	Windmill	441809.5N 0280545.8E	808/492 FT	MARKED/LGTD R	
61	Windmill	442000.3N 0280604.8E	824/492 FT	MARKED/LGTD R	
62	Windmill	441921.1N 0280603.4E	835/492 FT	MARKED/LGTD R	
63	Windmill	441745.3N 0280611.6E	791/492 FT	MARKED/LGTD R	
67	Windmill	441948.9N 0280627.7E	829/492 FT	MARKED/LGTD R	
69	Pole	443621.4N 0280732.2E	583/341 FT	MARKED/LGTD R	
71	Windmill	441932.6N 0280647.3E	849/492 FT	MARKED/LGTD R	
72	Windmill	441749.7N 0280645.3E	801/492 FT	MARKED/LGTD R	
73	Windmill	441920.5N 0280706.1E	836/492 FT	MARKED/LGTD R	
74	Windmill	441941.3N 0280709.9E	836/492 FT	MARKED/LGTD R	
75	Windmill	441759.5N 0280706.8E	822/492 FT	MARKED/LGTD R	
76	Windmill	441737.2N 0280714.9E	808/492 FT	MARKED/LGTD R	
77	Windmill	441929.3N 0280725.3E	836/492 FT	MARKED/LGTD R	
78	Windmill	441855.1N 0280724.9E	822/492 FT	MARKED/LGTD R	
79	Windmill	441803.7N 0280726.9E	846/492 FT	MARKED/LGTD R	
80	Windmill	441838.3N 0280733.5E	835/492 FT	MARKED/LGTD R	
81	Windmill	441725.4N 0280744.1E	803/492 FT	MARKED/LGTD R	
82	Windmill	441803.6N 0280759.2E	891/492 FT	MARKED/LGTD R	
84	Windmill	441847.9N 0280814.8E	830/492 FT	MARKED/LGTD R	
85	Windmill	441815.2N 0280815.1E	851/492 FT	MARKED/LGTD R	
88	Windmill	441829.0N 0280830.1E	831/492 FT	MARKED/LGTD R	
89	Windmill	440802.0N 0280806.0E	709/328 FT	MARKED/LGTD R	
90	Windmill	441911.5N 0280852.0E	864/492 FT	MARKED/LGTD R	
91	Windmill	441825.2N 0280853.0E	844/492 FT	MARKED/LGTD R	
92	Windmill	441846.9N 0280902.4E	872/492 FT	MARKED/LGTD R	
93	Windmill	441857.5N 0280914.2E	883/492 FT	MARKED/LGTD R	
96	Windmill	442256.5N 0280937.2E	815/492 FT	MARKED/LGTD R	

a	b	c	d	e	f
97	Windmill	442237.2N 0280937.4E	777/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
98	Windmill	441742.5N 0280923.1E	885/492 FT	MARKED/LGTD R	
101	Windmill	442247.4N 0280958.8E	808/492 FT	MARKED/LGTD R	
102	Windmill	441724.3N 0280941.7E	794/492 FT	MARKED/LGTD R	
103	Windmill	442227.0N 0280958.4E	798/492 FT	MARKED/LGTD R	
104	Windmill	441854.3N 0280947.1E	895/492 FT	MARKED/LGTD R	
105	Windmill	441753.6N 0280948.8E	854/492 FT	MARKED/LGTD R	
106	Windmill	441738.1N 0280950.1E	816/492 FT	MARKED/LGTD R	
107	Windmill	441910.0N 0280955.3E	848/492 FT	MARKED/LGTD R	
108	Windmill	441825.0N 0280957.2E	883/492 FT	MARKED/LGTD R	
109	Windmill	441808.7N 0280956.7E	877/492 FT	MARKED/LGTD R	
110	Windmill	442302.2N 0281018.1E	809/492 FT	MARKED/LGTD R	
111	Windmill	441848.0N 0281009.8E	881/492 FT	MARKED/LGTD R	
112	Windmill	442241.4N 0281024.9E	779/492 FT	MARKED/LGTD R	
113	Windmill	441900.2N 0281013.2E	865/492 FT	MARKED/LGTD R	
115	Windmill	441850.2N 0281026.6E	838/492 FT	MARKED/LGTD R	
116	Windmill	441850.0N 0281027.8E	824/492 FT	MARKED/LGTD R	
117	Windmill	442301.7N 0281047.0E	805/492 FT	MARKED/LGTD R	
118	Windmill	442322.1N 0281048.7E	837/492 FT	MARKED/LGTD R	
120	Windmill	440252.3N 0280950.9E	909/492 FT	MARKED/LGTD R	
121	Windmill	440229.7N 0280955.7E	915/492 FT	MARKED/LGTD R	
122	Windmill	442301.9N 0281108.8E	831/492 FT	MARKED/LGTD R	
123	Windmill	442301.9N 0281109.2E	832/492 FT	MARKED/LGTD R	
124	Windmill	441848.5N 0281107.4E	792/492 FT	MARKED/LGTD R	
125	Windmill	442245.6N 0281129.3E	823/492 FT	MARKED/LGTD R	
126	Windmill	441833.0N 0281117.7E	812/492 FT	MARKED/LGTD R	
128	Windmill	441816.7N 0281120.5E	834/492 FT	MARKED/LGTD R	
129	Windmill	442330.9N 0281139.4E	815/492 FT	MARKED/LGTD R	
134	Windmill	440223.3N 0281045.7E	926/492 FT	MARKED/LGTD R	
135	Windmill	441909.0N 0281142.5E	723/492 FT	MARKED/LGTD R	
136	Windmill	442339.0N 0281202.5E	822/492 FT	MARKED/LGTD R	
138	Windmill	441822.0N 0281147.3E	803/492 FT	MARKED/LGTD R	
140	Windmill	441859.5N 0281155.5E	733/492 FT	MARKED/LGTD R	
142	Windmill	441832.1N 0281208.0E	823/492 FT	MARKED/LGTD R	
143	Windmill	441906.0N 0281211.7E	738/492 FT	MARKED/LGTD R	
144	Windmill	441919.9N 0281215.4E	761/492 FT	MARKED/LGTD R	
146	Windmill	443510.5N 0281318.3E	974/492 FT	MARKED/LGTD R	
148	Windmill	441842.7N 0281228.4E	787/492 FT	MARKED/LGTD R	
149	Windmill	442312.9N 0281244.3E	820/492 FT	MARKED/LGTD R	
151	Windmill	441858.5N 0281243.7E	770/492 FT	MARKED/LGTD R	
153	Antenna	440713.0N 0281209.8E	793/394 FT	MARKED/LGTD R	
154	Windmill	443504.3N 0281345.1E	994/492 FT	MARKED/LGTD R	
155	Windmill	443328.8N 0281341.8E	928/492 FT	MARKED/LGTD R	
156	Windmill	443524.8N 0281352.2E	1007/492 FT	MARKED/LGTD R	
157	Windmill	440714.7N 0281218.4E	927/492 FT	MARKED/LGTD R	
158	Windmill	441915.3N 0281258.6E	770/492 FT	MARKED/LGTD R	
159	Windmill	441947.8N 0281301.2E	791/492 FT	MARKED/LGTD R	
160	Windmill	442339.2N 0281315.1E	864/492 FT	MARKED/LGTD R	
161	Windmill	443354.2N 0281350.2E	950/492 FT	MARKED/LGTD R	
162	Windmill	443634.5N 0281401.2E	1005/492 FT	MARKED/LGTD R	
163	Windmill	443444.5N 0281355.9E	978/492 FT	MARKED/LGTD R	
164	Windmill	441930.2N 0281306.1E	770/492 FT	MARKED/LGTD R	
168	Windmill	443416.7N 0281404.0E	970/492 FT	MARKED/LGTD R	
170	Windmill	442354.5N 0281331.9E	851/492 FT	MARKED/LGTD R	
171	Windmill	442354.4N 0281332.2E	865/492 FT	MARKED/LGTD R	
172	Windmill	443654.1N 0281422.6E	1044/492 FT	MARKED/LGTD R	
173	Windmill	443534.2N 0281418.7E	1050/492 FT	MARKED/LGTD R	
174	Windmill	443355.9N 0281415.1E	972/492 FT	MARKED/LGTD R	
175	Windmill	443435.6N 0281418.2E	1004/492 FT	MARKED/LGTD R	
176	Windmill	443457.9N 0281419.6E	1030/492 FT	MARKED/LGTD R	
177	Pole	443731.0N 0281428.8E	909/344 FT	MARKED/LGTD R	
178	Windmill	440651.7N 0281247.5E	936/492 FT	MARKED/LGTD R	
179	Windmill	443656.9N 0281430.5E	1060/492 FT	MARKED/LGTD R	
180	Windmill	443331.9N 0281421.6E	927/492 FT	MARKED/LGTD R	
181	Windmill	442404.2N 0281352.0E	864/492 FT	MARKED/LGTD R	
182	Windmill	443414.9N 0281426.6E	993/492 FT	MARKED/LGTD R	
185	Windmill	443516.1N 0281436.7E	1063/492 FT	MARKED/LGTD R	
186	Windmill	443542.0N 0281440.1E	1094/492 FT	MARKED/LGTD R	
187	Windmill	443451.6N 0281441.2E	1047/492 FT	MARKED/LGTD R	
188	Windmill	443353.0N 0281438.6E	980/492 FT	MARKED/LGTD R	
190	Windmill	443654.8N 0281453.8E	1048/492 FT	MARKED/LGTD R	
191	Windmill	440649.0N 0281314.8E	925/492 FT	MARKED/LGTD R	
193	Windmill	440831.5N 0281321.0E	871/492 FT	MARKED/LGTD R	
194	Windmill	443414.0N 0281447.4E	1011/492 FT	MARKED/LGTD R	
195	Windmill	440919.4N 0281324.6E	818/492 FT	MARKED/LGTD R	
196	Windmill	440855.6N 0281324.0E	855/492 FT	MARKED/LGTD R	
198	Windmill	443627.3N 0281459.0E	1104/492 FT	MARKED/LGTD R	

a	b	c	d	e	f
199	Windmill	442414.5N 0281421.2E	861/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
200	Windmill	443516.5N 0281500.3E	1110/492 FT	MARKED/LGTD R	
201	Windmill	443538.9N 0281502.2E	1150/492 FT	MARKED/LGTD R	
202	Windmill	440816.5N 0281334.5E	891/492 FT	MARKED/LGTD R	
203	Windmill	443333.8N 0281501.1E	929/492 FT	MARKED/LGTD R	
204	Windmill	440538.6N 0281328.8E	905/492 FT	MARKED/LGTD R	
205	Windmill	443607.0N 0281511.8E	1149/492 FT	MARKED/LGTD R	
206	Windmill	443645.8N 0281514.8E	1052/492 FT	MARKED/LGTD R	
207	Windmill	440646.1N 0281341.8E	928/492 FT	MARKED/LGTD R	
209	Windmill	443631.5N 0281531.7E	1084/492 FT	MARKED/LGTD R	
210	Windmill	442425.3N 0281450.8E	877/492 FT	MARKED/LGTD R	
211	Windmill	440808.5N 0281356.8E	871/492 FT	MARKED/LGTD R	
212	Windmill	440618.5N 0281353.4E	910/495 FT	MARKED/LGTD R	
213	Windmill	443703.3N 0281537.1E	985/492 FT	MARKED/LGTD R	
214	Windmill	443543.6N 0281536.9E	1120/492 FT	MARKED/LGTD R	
215	Windmill	443553.2N 0281544.7E	1122/492 FT	MARKED/LGTD R	
216	Windmill	442432.7N 0281510.8E	898/492 FT	MARKED/LGTD R	
217	Windmill	443651.4N 0281554.4E	1012/492 FT	MARKED/LGTD R	
218	Windmill	443602.3N 0281552.2E	1112/492 FT	MARKED/LGTD R	
220	Windmill	440701.7N 0281434.1E	929/492 FT	MARKED/LGTD R	
221	Windmill	440829.7N 0281439.1E	693/327 FT	MARKED/LGTD R	
222	Windmill	442446.6N 0281535.3E	898/492 FT	MARKED/LGTD R	
223	Windmill	443553.7N 0281613.9E	1079/492 FT	MARKED/LGTD R	
224	Windmill	442415.3N 0281536.0E	824/509 FT	MARKED/LGTD R	
225	Windmill	443526.0N 0281615.5E	1055/492 FT	MARKED/LGTD R	
226	Windmill	442526.2N 0281542.0E	822/492 FT	MARKED/LGTD R	
227	Windmill	443644.9N 0281624.2E	1008/492 FT	MARKED/LGTD R	
228	Windmill	440828.6N 0281450.2E	700/327 FT	MARKED/LGTD R	
229	Windmill	443616.8N 0281626.6E	1057/492 FT	MARKED/LGTD R	
230	Windmill	440640.6N 0281449.6E	928/492 FT	MARKED/LGTD R	
231	Windmill	443542.4N 0281631.0E	1052/492 FT	MARKED/LGTD R	
232	Windmill	440612.6N 0281452.0E	908/492 FT	MARKED/LGTD R	
233	Windmill	442301.4N 0281549.6E	728/509 FT	MARKED/LGTD R	
234	Windmill	440828.8N 0281501.8E	709/327 FT	MARKED/LGTD R	
235	Windmill	442533.9N 0281605.0E	814/492 FT	MARKED/LGTD R	
236	Windmill	442856.7N 0281617.0E	879/492 FT	MARKED/LGTD R	
239	Windmill	442322.2N 0281601.9E	730/509 FT	MARKED/LGTD R	
240	Windmill	440826.5N 0281512.0E	717/327 FT	MARKED/LGTD R	
241	Windmill	443555.4N 0281648.3E	1043/492 FT	MARKED/LGTD R	
242	Windmill	442506.5N 0281614.2E	897/492 FT	MARKED/LGTD R	
243	Windmill	442906.2N 0281631.1E	897/492 FT	MARKED/LGTD R	
244	Windmill	442357.9N 0281615.9E	735/509 FT	MARKED/LGTD R	
245	Windmill	443618.6N 0281658.1E	1001/492 FT	MARKED/LGTD R	
246	Pole	441442.0N 0281547.0E	522/344 FT	MARKED/LGTD R	
247	Windmill	443114.7N 0281646.7E	949/492 FT	MARKED/LGTD R	
248	Windmill	442426.7N 0281628.2E	772/509 FT	MARKED/LGTD R	
249	Windmill	443134.8N 0281652.6E	958/492 FT	MARKED/LGTD R	
250	Windmill	442336.2N 0281627.0E	779/509 FT	MARKED/LGTD R	
251	Windmill	442542.4N 0281640.5E	826/492 FT	MARKED/LGTD R	
252	Windmill	440810.0N 0281541.7E	709/327 FT	MARKED/LGTD R	
254	Windmill	442521.9N 0281645.3E	855/492 FT	MARKED/LGTD R	
255	Windmill	443111.3N 0281705.6E	944/492 FT	MARKED/LGTD R	
257	Windmill	443405.0N 0281719.8E	1133/492 FT	MARKED/LGTD R	
259	Windmill	442352.4N 0281645.8E	803/509 FT	MARKED/LGTD R	
260	Windmill	442606.6N 0281657.4E	820/492 FT	MARKED/LGTD R	
261	Windmill	443143.6N 0281716.9E	994/492 FT	MARKED/LGTD R	
262	Windmill	442444.2N 0281657.1E	773/509 FT	MARKED/LGTD R	
263	Windmill	443052.3N 0281719.1E	963/492 FT	MARKED/LGTD R	
264	Windmill	442419.7N 0281657.6E	777/509 FT	MARKED/LGTD R	
265	Windmill	442854.0N 0281715.1E	919/492 FT	MARKED/LGTD R	
266	Windmill	444339.5N 0281808.4E	1030/410 FT	MARKED/LGTD R	
267	Windmill	443227.7N 0281729.9E	893/492 FT	MARKED/LGTD R	
268	Windmill	443123.9N 0281726.5E	979/492 FT	MARKED/LGTD R	
269	Windmill	442507.6N 0281707.5E	807/509 FT	MARKED/LGTD R	
270	Windmill	442619.6N 0281714.4E	829/492 FT	MARKED/LGTD R	
271	Windmill	443034.3N 0281729.5E	986/492 FT	MARKED/LGTD R	
272	Windmill	443415.9N 0281742.6E	1166/492 FT	MARKED/LGTD R	
274	Windmill	443218.8N 0281736.8E	893/492 FT	MARKED/LGTD R	
275	Windmill	443338.9N 0281744.7E	1044/492 FT	MARKED/LGTD R	
276	Windmill	442357.1N 0281713.4E	784/509 FT	MARKED/LGTD R	
277	Windmill	442601.2N 0281723.4E	873/492 FT	MARKED/LGTD R	
278	Windmill	443158.9N 0281744.7E	1040/492 FT	MARKED/LGTD R	
279	Windmill	444359.7N 0281826.3E	1008/410 FT	MARKED/LGTD R	
280	Windmill	443101.8N 0281742.4E	1005/492 FT	MARKED/LGTD R	
281	Windmill	442901.8N 0281735.8E	955/492 FT	MARKED/LGTD R	
282	Windmill	444334.3N 0281825.8E	1074/410 FT	MARKED/LGTD R	
283	Windmill	442335.6N 0281717.6E	733/509 FT	MARKED/LGTD R	

a	b	c	d	e	f
284	Windmill	443018.9N 0281741.7E	968/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
285	Windmill	443120.0N 0281751.5E	1001/492 FT	MARKED/LGTD R	
286	Windmill	442634.0N 0281735.7E	829/492 FT	MARKED/LGTD R	
287	Windmill	442436.2N 0281730.1E	838/509 FT	MARKED/LGTD R	
288	Windmill	442814.9N 0281743.7E	900/492 FT	MARKED/LGTD R	
289	Windmill	444410.0N 0281841.4E	997/410 FT	MARKED/LGTD R	
290	Windmill	442405.7N 0281733.6E	790/509 FT	MARKED/LGTD R	
291	Windmill	443420.5N 0281809.7E	1166/492 FT	MARKED/LGTD R	
293	Windmill	441942.7N 0281719.9E	781/492 FT	MARKED/LGTD R	
294	Windmill	443209.2N 0281802.5E	1077/492 FT	MARKED/LGTD R	
296	Windmill	442521.7N 0281741.1E	802/509 FT	MARKED/LGTD R	
297	Windmill	444354.2N 0281846.2E	1055/410 FT	MARKED/LGTD R	
298	Windmill	442613.5N 0281749.0E	885/492 FT	MARKED/LGTD R	
299	Windmill	442912.5N 0281801.4E	970/492 FT	MARKED/LGTD R	
300	Windmill	444407.5N 0281855.6E	1026/410 FT	MARKED/LGTD R	
301	Windmill	442447.9N 0281750.5E	867/509 FT	MARKED/LGTD R	
302	Windmill	441929.9N 0281733.1E	847/492 FT	MARKED/LGTD R	
303	Windmill	442822.2N 0281803.8E	950/492 FT	MARKED/LGTD R	
306	Windmill	443054.5N 0281815.9E	1094/492 FT	MARKED/LGTD R	
307	Windmill	443032.7N 0281814.8E	1052/492 FT	MARKED/LGTD R	
308	Windmill	443111.8N 0281819.1E	1077/492 FT	MARKED/LGTD R	
309	Windmill	441955.2N 0281745.3E	529/492 FT	MARKED/LGTD R	
310	Windmill	442853.8N 0281816.9E	1056/492 FT	MARKED/LGTD R	
311	Windmill	443223.2N 0281830.2E	1034/492 FT	MARKED/LGTD R	
312	Windmill	442544.3N 0281807.5E	817/509 FT	MARKED/LGTD R	
313	Windmill	442921.5N 0281822.4E	1005/492 FT	MARKED/LGTD R	
314	Windmill	442636.8N 0281814.4E	886/509 FT	MARKED/LGTD R	
315	Windmill	442613.3N 0281813.3E	864/509 FT	MARKED/LGTD R	
316	Antenna	442828.5N 0281822.2E	941/367 FT	MARKED/LGTD R	
317	Windmill	443020.2N 0281829.3E	1070/492 FT	MARKED/LGTD R	
318	Windmill	441932.1N 0281754.6E	862/492 FT	MARKED/LGTD R	
319	Windmill	441932.2N 0281754.6E	864/492 FT	MARKED/LGTD R	
321	Windmill	444159.8N 0281913.3E	1168/492 FT	MARKED/LGTD R	
323	Windmill	442459.9N 0281814.8E	846/509 FT	MARKED/LGTD R	
324	Windmill	443039.8N 0281835.8E	1083/492 FT	MARKED/LGTD R	
326	Windmill	444211.0N 0281920.8E	1179/492 FT	MARKED/LGTD R	
327	Windmill	443004.8N 0281839.2E	1041/492 FT	MARKED/LGTD R	
328	Windmill	443122.2N 0281844.3E	1053/492 FT	MARKED/LGTD R	
329	Windmill	443100.1N 0281844.9E	1097/492 FT	MARKED/LGTD R	
330	Windmill	442858.9N 0281841.4E	1069/509 FT	MARKED/LGTD R	
333	Windmill	442826.8N 0281845.7E	1056/492 FT	MARKED/LGTD R	
334	Windmill	443134.9N 0281857.4E	1037/492 FT	MARKED/LGTD R	
335	Windmill	442604.0N 0281838.4E	845/509 FT	MARKED/LGTD R	
336	Windmill	442919.0N 0281850.3E	1099/509 FT	MARKED/LGTD R	
337	Windmill	442624.4N 0281842.5E	892/509 FT	MARKED/LGTD R	
338	Windmill	443008.6N 0281856.2E	1058/492 FT	MARKED/LGTD R	
340	Windmill	442942.6N 0281857.5E	1092/509 FT	MARKED/LGTD R	
341	Windmill	443052.5N 0281903.2E	1080/492 FT	MARKED/LGTD R	
342	Windmill	442847.0N 0281856.5E	1104/492 FT	MARKED/LGTD R	
343	Windmill	443212.4N 0281908.6E	780/492 FT	MARKED/LGTD R	
344	Windmill	444207.1N 0281943.3E	1218/492 FT	MARKED/LGTD R	
345	Windmill	443121.1N 0281908.9E	1020/492 FT	MARKED/LGTD R	
346	Windmill	444223.1N 0281948.8E	1219/492 FT	MARKED/LGTD R	
347	Windmill	444139.4N 0281946.2E	1178/492 FT	MARKED/LGTD R	
348	Windmill	442906.2N 0281909.2E	1136/492 FT	MARKED/LGTD R	
349	Windmill	443033.9N 0281915.0E	1035/492 FT	MARKED/LGTD R	
350	Windmill	443212.6N 0281921.4E	791/492 FT	MARKED/LGTD R	
352	Windmill	443013.6N 0281917.1E	1039/492 FT	MARKED/LGTD R	
353	Windmill	444208.2N 0281959.2E	1249/492 FT	MARKED/LGTD R	
354	Windmill	444242.9N 0282003.3E	1137/410 FT	MARKED/LGTD R	
355	Windmill	444235.7N 0282003.1E	1226/492 FT	MARKED/LGTD R	
356	Windmill	443114.0N 0281925.2E	1011/492 FT	MARKED/LGTD R	
357	Windmill	443137.8N 0281927.3E	1027/492 FT	MARKED/LGTD R	
359	Windmill	443212.6N 0281934.0E	739/492 FT	MARKED/LGTD R	
360	Windmill	442805.7N 0281919.8E	1035/492 FT	MARKED/LGTD R	
361	Windmill	442916.1N 0281925.4E	1133/492 FT	MARKED/LGTD R	
362	Windmill	444142.0N 0282009.1E	1195/492 FT	MARKED/LGTD R	
363	Windmill	444251.5N 0282015.4E	1253/492 FT	MARKED/LGTD R	
364	Windmill	443056.7N 0281935.2E	1006/492 FT	MARKED/LGTD R	
365	Windmill	444206.1N 0282015.0E	1251/492 FT	MARKED/LGTD R	
366	Windmill	442825.5N 0281930.2E	1092/492 FT	MARKED/LGTD R	
368	Windmill	442857.2N 0281933.3E	1111/492 FT	MARKED/LGTD R	
369	Windmill	442953.7N 0281937.0E	1049/492 FT	MARKED/LGTD R	
370	Windmill	443015.4N 0281939.5E	1051/492 FT	MARKED/LGTD R	
372	Windmill	444302.5N 0282027.4E	1287/492 FT	MARKED/LGTD R	
373	Windmill	442932.0N 0281940.7E	1075/492 FT	MARKED/LGTD R	
374	Windmill	442654.5N 0281931.8E	945/509 FT	MARKED/LGTD R	

a	b	c	d	e	f
376	Windmill	443131.2N 0281948.3E	997/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
377	Windmill	443041.1N 0281945.6E	993/492 FT	MARKED/LGTD R	
378	Windmill	443154.9N 0281952.5E	1048/492 FT	MARKED/LGTD R	
379	Windmill	444152.8N 0282027.9E	1205/492 FT	MARKED/LGTD R	
380	Windmill	444131.7N 0282028.9E	1154/492 FT	MARKED/LGTD R	
382	Windmill	444207.2N 0282033.3E	1205/492 FT	MARKED/LGTD R	
383	Windmill	442608.2N 0281939.7E	864/509 FT	MARKED/LGTD R	
384	Windmill	442913.3N 0281951.0E	1077/492 FT	MARKED/LGTD R	
385	Windmill	442831.6N 0281949.9E	1083/509 FT	MARKED/LGTD R	
386	Windmill	444313.4N 0282041.7E	1286/492 FT	MARKED/LGTD R	
388	Windmill	443011.4N 0282000.6E	1020/492 FT	MARKED/LGTD R	
389	Windmill	442728.4N 0281951.4E	960/509 FT	MARKED/LGTD R	
390	Windmill	443035.1N 0282002.9E	1044/492 FT	MARKED/LGTD R	
391	Windmill	443201.5N 0282009.0E	1017/492 FT	MARKED/LGTD R	
392	Windmill	444219.7N 0282046.0E	1171/492 FT	MARKED/LGTD R	
393	Windmill	442630.4N 0281951.0E	893/509 FT	MARKED/LGTD R	
394	Windmill	444320.7N 0282049.8E	1181/410 FT	MARKED/LGTD R	
395	Windmill	444147.4N 0282045.8E	1180/492 FT	MARKED/LGTD R	
396	Windmill	442545.1N 0281950.8E	902/509 FT	MARKED/LGTD R	
397	Windmill	442812.1N 0281959.6E	1060/492 FT	MARKED/LGTD R	
399	Windmill	444300.1N 0282052.3E	1245/492 FT	MARKED/LGTD R	
402	Windmill	443142.3N 0282015.1E	995/492 FT	MARKED/LGTD R	
404	Windmill	442320.8N 0281947.7E	915/492 FT	MARKED/LGTD R	
405	Windmill	442844.2N 0282007.6E	1045/509 FT	MARKED/LGTD R	
406	Windmill	442925.4N 0282013.7E	1036/509 FT	MARKED/LGTD R	
407	Windmill	444316.0N 0282102.3E	1246/492 FT	MARKED/LGTD R	
411	Windmill	442605.4N 0282008.0E	909/509 FT	MARKED/LGTD R	
412	Windmill	444230.6N 0282105.2E	1146/492 FT	MARKED/LGTD R	
413	Windmill	442330.8N 0282000.2E	908/492 FT	MARKED/LGTD R	
414	Windmill	444151.7N 0282104.2E	1155/492 FT	MARKED/LGTD R	
415	Windmill	442855.6N 0282019.8E	1027/509 FT	MARKED/LGTD R	
416	Windmill	444251.5N 0282108.8E	1180/492 FT	MARKED/LGTD R	
417	Windmill	442826.8N 0282019.1E	1043/492 FT	MARKED/LGTD R	
418	Windmill	444204.6N 0282107.2E	1128/492 FT	MARKED/LGTD R	
419	Windmill	443017.6N 0282026.3E	1012/492 FT	MARKED/LGTD R	
421	Windmill	444133.6N 0282112.2E	1110/492 FT	MARKED/LGTD R	
422	Windmill	442647.2N 0282021.1E	944/509 FT	MARKED/LGTD R	
424	Windmill	443055.8N 0282036.7E	1034/492 FT	MARKED/LGTD R	
425	Windmill	444307.4N 0282120.0E	1179/492 FT	MARKED/LGTD R	
426	Windmill	442720.5N 0282025.1E	1002/509 FT	MARKED/LGTD R	
428	Windmill	442337.3N 0282013.8E	888/492 FT	MARKED/LGTD R	
429	Windmill	442549.9N 0282022.1E	908/509 FT	MARKED/LGTD R	
430	Windmill	444218.4N 0282120.2E	1100/492 FT	MARKED/LGTD R	
431	Windmill	442909.3N 0282035.0E	1008/509 FT	MARKED/LGTD R	
432	Windmill	443031.8N 0282043.3E	1028/492 FT	MARKED/LGTD R	
433	Windmill	442346.4N 0282024.7E	872/492 FT	MARKED/LGTD R	
434	Windmill	443204.7N 0282054.1E	1000/492 FT	MARKED/LGTD R	
435	Windmill	444247.6N 0282132.5E	1140/492 FT	MARKED/LGTD R	
436	Windmill	443144.1N 0282054.1E	948/492 FT	MARKED/LGTD R	
437	Windmill	442528.8N 0282032.4E	857/509 FT	MARKED/LGTD R	
438	Windmill	442846.3N 0282044.6E	1016/492 FT	MARKED/LGTD R	
439	Windmill	443105.3N 0282054.2E	1012/492 FT	MARKED/LGTD R	
440	Windmill	444151.0N 0282133.2E	1068/492 FT	MARKED/LGTD R	
441	Windmill	442819.3N 0282046.4E	1067/492 FT	MARKED/LGTD R	
442	Windmill	442756.7N 0282046.5E	1095/492 FT	MARKED/LGTD R	
443	Windmill	444226.4N 0282138.0E	1081/492 FT	MARKED/LGTD R	
444	Windmill	442356.0N 0282035.6E	863/492 FT	MARKED/LGTD R	
445	Windmill	442706.1N 0282053.5E	1000/509 FT	MARKED/LGTD R	
446	Windmill	444135.9N 0282146.4E	1017/492 FT	MARKED/LGTD R	
447	Windmill	442843.2N 0282102.0E	1046/492 FT	MARKED/LGTD R	
448	Windmill	443208.8N 0282115.1E	1025/492 FT	MARKED/LGTD R	
449	Windmill	442553.5N 0282054.0E	882/509 FT	MARKED/LGTD R	
450	Windmill	443146.6N 0282117.9E	957/492 FT	MARKED/LGTD R	
451	Windmill	442724.3N 0282103.9E	1036/492 FT	MARKED/LGTD R	
452	Windmill	444117.1N 0282155.2E	1024/492 FT	MARKED/LGTD R	
453	Windmill	442812.6N 0282110.6E	1089/509 FT	MARKED/LGTD R	
454	Windmill	442901.2N 0282114.2E	988/509 FT	MARKED/LGTD R	
455	Windmill	442614.5N 0282105.2E	898/509 FT	MARKED/LGTD R	
456	Windmill	442750.1N 0282110.9E	1071/492 FT	MARKED/LGTD R	
457	Windmill	442114.1N 0282048.9E	876/509 FT	MARKED/LGTD R	
459	Windmill	444150.0N 0282203.1E	954/492 FT	MARKED/LGTD R	
460	Windmill	442838.4N 0282123.1E	1036/509 FT	MARKED/LGTD R	
461	Windmill	442634.4N 0282116.0E	922/509 FT	MARKED/LGTD R	
462	Windmill	443208.2N 0282136.9E	1039/492 FT	MARKED/LGTD R	
463	Windmill	444131.2N 0282210.4E	940/492 FT	MARKED/LGTD R	
464	Windmill	442055.9N 0282059.4E	886/509 FT	MARKED/LGTD R	
465	Windmill	442732.7N 0282123.3E	1060/509 FT	MARKED/LGTD R	

a	b	c	d	e	f
466	Windmill	443146.0N 0282139.0E	941/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
467	Windmill	444117.2N 0282217.1E	958/492 FT	MARKED/LGTD R	
468	Windmill	442818.1N 0282131.9E	1068/492 FT	MARKED/LGTD R	
469	Windmill	442652.1N 0282131.9E	981/509 FT	MARKED/LGTD R	
470	Windmill	442747.4N 0282136.2E	1037/509 FT	MARKED/LGTD R	
471	Windmill	442715.1N 0282134.6E	1021/492 FT	MARKED/LGTD R	
472	Windmill	442839.0N 0282144.4E	1019/509 FT	MARKED/LGTD R	
473	Windmill	443207.5N 0282158.8E	1055/492 FT	MARKED/LGTD R	
474	Windmill	443145.4N 0282200.1E	960/492 FT	MARKED/LGTD R	
475	Windmill	442152.6N 0282125.7E	866/509 FT	MARKED/LGTD R	
476	Windmill	442101.1N 0282129.1E	873/509 FT	MARKED/LGTD R	
477	Windmill	442812.7N 0282154.2E	1067/492 FT	MARKED/LGTD R	
478	Windmill	442607.4N 0282147.5E	918/509 FT	MARKED/LGTD R	
479	Windmill	442330.8N 0282139.2E	830/492 FT	MARKED/LGTD R	
480	Windmill	442848.1N 0282157.8E	1000/509 FT	MARKED/LGTD R	
481	Windmill	442125.3N 0282133.8E	856/509 FT	MARKED/LGTD R	
482	Windmill	442623.1N 0282152.5E	936/509 FT	MARKED/LGTD R	
483	Windmill	443205.3N 0282218.8E	1011/492 FT	MARKED/LGTD R	
484	Windmill	442212.8N 0282146.9E	853/509 FT	MARKED/LGTD R	
485	Windmill	443141.4N 0282222.3E	949/492 FT	MARKED/LGTD R	
486	Windmill	442844.1N 0282214.1E	1026/509 FT	MARKED/LGTD R	
487	Windmill	442805.7N 0282214.3E	1036/509 FT	MARKED/LGTD R	
488	Windmill	442140.7N 0282152.0E	873/509 FT	MARKED/LGTD R	
489	Windmill	442644.2N 0282210.6E	1004/509 FT	MARKED/LGTD R	
490	Windmill	442058.5N 0282152.6E	837/509 FT	MARKED/LGTD R	
493	Windmill	442121.0N 0282159.9E	876/509 FT	MARKED/LGTD R	
494	Windmill	443204.9N 0282239.1E	974/492 FT	MARKED/LGTD R	
495	Windmill	442915.5N 0282233.9E	1072/492 FT	MARKED/LGTD R	
496	Windmill	442214.1N 0282211.0E	879/509 FT	MARKED/LGTD R	
497	Windmill	443140.9N 0282244.9E	966/492 FT	MARKED/LGTD R	
499	Windmill	442154.5N 0282217.2E	902/509 FT	MARKED/LGTD R	
500	Windmill	442912.4N 0282300.6E	1082/492 FT	MARKED/LGTD R	
501	Windmill	442134.5N 0282234.2E	876/509 FT	MARKED/LGTD R	
503	Windmill	442058.4N 0282235.5E	833/509 FT	MARKED/LGTD R	
505	Windmill	442218.6N 0282248.7E	850/509 FT	MARKED/LGTD R	
506	Windmill	442115.7N 0282251.4E	850/509 FT	MARKED/LGTD R	
508	Windmill	442154.2N 0282312.2E	912/509 FT	MARKED/LGTD R	
515	Windmill	442403.5N 0282408.6E	817/495 FT	MARKED/LGTD R	
516	Windmill	442420.2N 0282417.5E	820/495 FT	MARKED/LGTD R	
518	Windmill	442442.1N 0282430.8E	833/495 FT	MARKED/LGTD R	
519	Windmill	442618.1N 0282439.2E	1024/495 FT	MARKED/LGTD R	
521	Pole	440520.1N 0282334.6E	648/328 FT	MARKED/LGTD R	
524	Windmill	442605.0N 0282509.8E	994/495 FT	MARKED/LGTD R	
526	Windmill	442547.9N 0282523.9E	951/495 FT	MARKED/LGTD R	
527	Windmill	442614.1N 0282527.1E	1037/495 FT	MARKED/LGTD R	
528	Windmill	442510.6N 0282525.6E	899/495 FT	MARKED/LGTD R	
529	Antenna	441038.6N 0282443.3E	434/344 FT	MARKED/LGTD R	
530	Windmill	442601.5N 0282546.5E	997/495 FT	MARKED/LGTD R	
531	Windmill	442542.1N 0282554.8E	984/495 FT	MARKED/LGTD R	
532	Windmill	443207.7N 0282620.0E	832/492 FT	MARKED/LGTD R	
535	Pole	443207.0N 0282631.6E	661/328 FT	MARKED/LGTD R	
536	Windmill	443209.8N 0282640.9E	822/492 FT	MARKED/LGTD R	
537	Windmill	443216.0N 0282702.8E	844/492 FT	MARKED/LGTD R	
538	Windmill	443241.5N 0282705.9E	926/492 FT	MARKED/LGTD R	
539	Windmill	443322.0N 0282716.8E	872/492 FT	MARKED/LGTD R	
540	Windmill	443300.6N 0282719.0E	906/492 FT	MARKED/LGTD R	
542	Windmill	443216.4N 0282722.4E	855/492 FT	MARKED/LGTD R	
543	Windmill	443358.7N 0282735.6E	827/492 FT	MARKED/LGTD R	
544	Windmill	443237.4N 0282731.2E	942/492 FT	MARKED/LGTD R	
547	Windmill	443153.8N 0282737.1E	819/492 FT	MARKED/LGTD R	
548	Windmill	443336.2N 0282743.6E	894/492 FT	MARKED/LGTD R	
549	Windmill	443258.8N 0282742.5E	960/492 FT	MARKED/LGTD R	
550	Windmill	443216.8N 0282741.0E	860/492 FT	MARKED/LGTD R	
551	Pole	443148.3N 0282746.3E	677/328 FT	MARKED/LGTD R	
552	Windmill	443240.8N 0282758.5E	952/492 FT	MARKED/LGTD R	
553	Windmill	443320.3N 0282802.6E	981/492 FT	MARKED/LGTD R	
554	Windmill	443157.6N 0282757.8E	845/492 FT	MARKED/LGTD R	
555	Windmill	443359.0N 0282806.2E	893/492 FT	MARKED/LGTD R	
557	Windmill	443340.7N 0282814.7E	967/492 FT	MARKED/LGTD R	
558	Windmill	443214.3N 0282813.9E	873/492 FT	MARKED/LGTD R	
567	Windmill	443248.9N 0282834.0E	1017/492 FT	MARKED/LGTD R	
569	Windmill	443347.8N 0282842.5E	996/492 FT	MARKED/LGTD R	
570	Pole	443438.7N 0282854.2E	813/344 FT	MARKED/LGTD R	
571	Windmill	443302.0N 0282851.0E	1094/492 FT	MARKED/LGTD R	
573	Windmill	443140.0N 0282846.3E	854/492 FT	MARKED/LGTD R	
574	Windmill	443319.8N 0282852.5E	1113/492 FT	MARKED/LGTD R	
578	Windmill	443345.8N 0282903.6E	1044/492 FT	MARKED/LGTD R	

a	b	c	d	e	f
580	Windmill	443246.8N 0282905.8E	1009/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
581	Windmill	443417.4N 0282912.2E	978/492 FT	MARKED/LGTD R	
583	Windmill	443353.4N 0282918.8E	1047/492 FT	MARKED/LGTD R	
584	Windmill	443323.7N 0282917.6E	1114/492 FT	MARKED/LGTD R	
589	Windmill	443452.8N 0282931.1E	1034/492 FT	MARKED/LGTD R	
590	Windmill	443153.1N 0282923.3E	904/492 FT	MARKED/LGTD R	
591	Windmill	443513.8N 0282941.2E	1035/492 FT	MARKED/LGTD R	
599	Windmill	443415.7N 0282941.8E	1055/492 FT	MARKED/LGTD R	
601	Windmill	443235.8N 0282936.7E	956/492 FT	MARKED/LGTD R	
603	Windmill	443138.4N 0282934.8E	843/492 FT	MARKED/LGTD R	
604	Windmill	443355.7N 0282943.6E	1102/492 FT	MARKED/LGTD R	
605	Windmill	443556.6N 0282952.1E	1028/492 FT	MARKED/LGTD R	
606	Windmill	443534.1N 0282951.0E	1028/492 FT	MARKED/LGTD R	
607	Windmill	443453.0N 0282950.5E	1056/492 FT	MARKED/LGTD R	
616	Windmill	443158.0N 0282947.3E	891/492 FT	MARKED/LGTD R	
617	Windmill	443514.0N 0283002.4E	1042/492 FT	MARKED/LGTD R	
620	Windmill	443321.7N 0282958.7E	1081/492 FT	MARKED/LGTD R	
621	Windmill	443554.7N 0283010.1E	1012/492 FT	MARKED/LGTD R	
622	Windmill	443352.4N 0283004.6E	1089/492 FT	MARKED/LGTD R	
624	Windmill	443534.0N 0283012.1E	1003/492 FT	MARKED/LGTD R	
626	Windmill	443214.8N 0283000.8E	975/492 FT	MARKED/LGTD R	
627	Windmill	443129.4N 0282958.4E	815/492 FT	MARKED/LGTD R	
630	Windmill	443453.1N 0283014.0E	1026/492 FT	MARKED/LGTD R	
632	Windmill	443413.8N 0283012.3E	1057/492 FT	MARKED/LGTD R	
633	Windmill	443432.7N 0283014.5E	1048/492 FT	MARKED/LGTD R	
637	Windmill	443232.0N 0283013.5E	1018/492 FT	MARKED/LGTD R	
639	Windmill	443147.4N 0283013.4E	851/492 FT	MARKED/LGTD R	
640	Windmill	443350.2N 0283022.3E	1071/492 FT	MARKED/LGTD R	
641	Windmill	443328.3N 0283021.0E	1084/492 FT	MARKED/LGTD R	
642	Windmill	443515.2N 0283028.1E	977/492 FT	MARKED/LGTD R	
644	Windmill	443554.9N 0283033.4E	988/492 FT	MARKED/LGTD R	
645	Windmill	443534.1N 0283032.5E	976/492 FT	MARKED/LGTD R	
646	Windmill	443213.4N 0283020.7E	963/492 FT	MARKED/LGTD R	
648	Windmill	443256.7N 0283026.0E	1029/492 FT	MARKED/LGTD R	
649	Windmill	443409.1N 0283030.9E	1022/492 FT	MARKED/LGTD R	
651	Windmill	443127.5N 0283023.8E	817/492 FT	MARKED/LGTD R	
652	Windmill	443433.1N 0283037.6E	1005/492 FT	MARKED/LGTD R	
654	Windmill	443633.6N 0283049.6E	1032/492 FT	MARKED/LGTD R	
656	Windmill	443346.4N 0283040.0E	1055/492 FT	MARKED/LGTD R	
658	Windmill	443507.7N 0283049.2E	970/492 FT	MARKED/LGTD R	
659	Windmill	443613.4N 0283053.2E	1010/492 FT	MARKED/LGTD R	
660	Windmill	443215.5N 0283039.4E	981/492 FT	MARKED/LGTD R	
661	Windmill	443325.5N 0283044.8E	1065/492 FT	MARKED/LGTD R	
663	Windmill	443145.5N 0283040.3E	840/492 FT	MARKED/LGTD R	
664	Windmill	443528.6N 0283054.0E	987/492 FT	MARKED/LGTD R	
666	Windmill	443406.6N 0283051.4E	991/492 FT	MARKED/LGTD R	
667	Windmill	443239.3N 0283047.0E	1033/492 FT	MARKED/LGTD R	
668	Windmill	443552.6N 0283059.0E	986/492 FT	MARKED/LGTD R	
670	Windmill	443302.7N 0283050.0E	1014/492 FT	MARKED/LGTD R	
671	Windmill	443450.7N 0283059.2E	939/492 FT	MARKED/LGTD R	
672	Windmill	443432.8N 0283100.2E	941/492 FT	MARKED/LGTD R	
674	Windmill	443800.6N 0283115.6E	1129/492 FT	MARKED/LGTD R	
675	Windmill	443633.0N 0283111.6E	1035/492 FT	MARKED/LGTD R	
676	Windmill	443734.5N 0283116.4E	1102/492 FT	MARKED/LGTD R	
678	Windmill	443345.1N 0283104.3E	1030/492 FT	MARKED/LGTD R	
679	Windmill	443508.2N 0283110.1E	966/492 FT	MARKED/LGTD R	
681	Windmill	443609.9N 0283114.1E	1001/492 FT	MARKED/LGTD R	
682	Windmill	443214.1N 0283100.0E	951/492 FT	MARKED/LGTD R	
683	Windmill	443327.2N 0283107.8E	1018/492 FT	MARKED/LGTD R	
684	Windmill	443528.1N 0283115.4E	997/492 FT	MARKED/LGTD R	
687	Windmill	443300.6N 0283108.8E	990/492 FT	MARKED/LGTD R	
688	Windmill	443238.4N 0283107.9E	1016/492 FT	MARKED/LGTD R	
690	Windmill	443712.7N 0283127.4E	1068/492 FT	MARKED/LGTD R	
692	Windmill	443403.1N 0283119.4E	949/492 FT	MARKED/LGTD R	
694	Windmill	443554.3N 0283128.3E	1037/492 FT	MARKED/LGTD R	
695	Windmill	443736.9N 0283135.9E	1091/492 FT	MARKED/LGTD R	
697	Windmill	443650.5N 0283133.5E	1045/492 FT	MARKED/LGTD R	
698	Windmill	443321.1N 0283123.3E	987/492 FT	MARKED/LGTD R	
699	Windmill	443506.8N 0283130.5E	964/492 FT	MARKED/LGTD R	
700	Windmill	443616.3N 0283136.0E	1033/492 FT	MARKED/LGTD R	
701	Windmill	443816.0N 0283143.9E	1137/492 FT	MARKED/LGTD R	
702	Windmill	443758.0N 0283143.1E	1124/492 FT	MARKED/LGTD R	
703	Windmill	443447.3N 0283131.7E	935/492 FT	MARKED/LGTD R	
706	Windmill	443342.7N 0283129.4E	954/492 FT	MARKED/LGTD R	
707	Windmill	443525.6N 0283136.2E	993/492 FT	MARKED/LGTD R	
708	Windmill	443259.3N 0283128.4E	964/492 FT	MARKED/LGTD R	
709	Windmill	443210.5N 0283125.8E	941/492 FT	MARKED/LGTD R	

a	b	c	d	e	f
710	Windmill	443718.9N 0283145.4E	1066/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
712	Windmill	443917.2N 0283153.8E	1129/492 FT	MARKED/LGTD R	
713	Windmill	443237.3N 0283129.6E	1007/492 FT	MARKED/LGTD R	
714	Windmill	443833.6N 0283151.6E	1137/492 FT	MARKED/LGTD R	
716	Windmill	443940.4N 0283157.5E	1141/492 FT	MARKED/LGTD R	
717	Windmill	443422.2N 0283138.7E	905/492 FT	MARKED/LGTD R	
719	Windmill	443654.4N 0283152.0E	1034/492 FT	MARKED/LGTD R	
720	Windmill	443736.1N 0283155.4E	1088/492 FT	MARKED/LGTD R	
721	Windmill	443636.4N 0283153.7E	1045/492 FT	MARKED/LGTD R	
722	Windmill	443552.0N 0283152.4E	1033/492 FT	MARKED/LGTD R	
723	Windmill	443858.9N 0283204.0E	1147/492 FT	MARKED/LGTD R	
724	Windmill	443611.8N 0283154.0E	1059/492 FT	MARKED/LGTD R	
725	Windmill	443758.9N 0283201.2E	1121/492 FT	MARKED/LGTD R	
728	Windmill	443446.3N 0283150.9E	929/492 FT	MARKED/LGTD R	
730	Windmill	443814.1N 0283205.9E	1140/492 FT	MARKED/LGTD R	
732	Windmill	443836.3N 0283209.1E	1156/492 FT	MARKED/LGTD R	
733	Windmill	443712.1N 0283204.2E	1054/492 FT	MARKED/LGTD R	
735	Windmill	443317.3N 0283150.5E	942/492 FT	MARKED/LGTD R	
736	Windmill	443256.5N 0283149.7E	945/492 FT	MARKED/LGTD R	
738	Windmill	443942.6N 0283215.3E	1153/492 FT	MARKED/LGTD R	
740	Windmill	443209.1N 0283148.1E	919/492 FT	MARKED/LGTD R	
741	Windmill	443340.0N 0283154.2E	907/492 FT	MARKED/LGTD R	
742	Windmill	443235.2N 0283150.4E	993/492 FT	MARKED/LGTD R	
744	Windmill	443529.2N 0283201.3E	1009/492 FT	MARKED/LGTD R	
747	Windmill	443414.0N 0283157.7E	887/492 FT	MARKED/LGTD R	
749	Windmill	443212.1N 0283151.4E	932/492 FT	MARKED/LGTD R	
752	Windmill	443731.7N 0283214.5E	1085/492 FT	MARKED/LGTD R	
753	Windmill	443653.8N 0283212.5E	1057/492 FT	MARKED/LGTD R	
754	Windmill	443919.4N 0283223.4E	1135/492 FT	MARKED/LGTD R	
755	Windmill	443508.8N 0283208.1E	970/492 FT	MARKED/LGTD R	
757	Windmill	443630.7N 0283213.4E	1050/492 FT	MARKED/LGTD R	
760	Windmill	443802.2N 0283220.7E	1112/492 FT	MARKED/LGTD R	
762	Windmill	443610.5N 0283214.2E	1033/492 FT	MARKED/LGTD R	
763	Windmill	443548.5N 0283214.5E	1033/492 FT	MARKED/LGTD R	
765	Windmill	443446.1N 0283211.5E	918/492 FT	MARKED/LGTD R	
767	Windmill	443856.0N 0283227.1E	1133/492 FT	MARKED/LGTD R	
771	Windmill	443712.8N 0283222.6E	1083/492 FT	MARKED/LGTD R	
773	Windmill	443833.8N 0283227.8E	1151/492 FT	MARKED/LGTD R	
779	Windmill	443257.8N 0283210.1E	922/492 FT	MARKED/LGTD R	
786	Windmill	443415.6N 0283217.9E	868/492 FT	MARKED/LGTD R	
787	Windmill	443942.1N 0283238.7E	1136/492 FT	MARKED/LGTD R	
789	Windmill	443527.7N 0283223.8E	1000/492 FT	MARKED/LGTD R	
791	Windmill	443812.2N 0283235.7E	1103/492 FT	MARKED/LGTD R	
792	Windmill	443331.9N 0283218.5E	968/492 FT	MARKED/LGTD R	
794	Windmill	443731.4N 0283234.1E	1106/492 FT	MARKED/LGTD R	
798	Windmill	443919.2N 0283243.3E	1111/492 FT	MARKED/LGTD R	
799	Windmill	443751.3N 0283239.0E	1099/492 FT	MARKED/LGTD R	
800	Windmill	443210.2N 0283219.2E	913/492 FT	MARKED/LGTD R	
802	Windmill	443507.4N 0283230.7E	966/492 FT	MARKED/LGTD R	
803	Windmill	443548.0N 0283233.3E	1003/492 FT	MARKED/LGTD R	
804	Windmill	443649.1N 0283237.6E	1051/492 FT	MARKED/LGTD R	
805	Windmill	443609.2N 0283235.5E	992/492 FT	MARKED/LGTD R	
806	Windmill	443441.0N 0283230.5E	896/492 FT	MARKED/LGTD R	
808	Windmill	443856.2N 0283246.7E	1109/492 FT	MARKED/LGTD R	
810	Windmill	443630.8N 0283240.4E	997/492 FT	MARKED/LGTD R	
812	Windmill	443833.6N 0283249.1E	1113/492 FT	MARKED/LGTD R	
815	Windmill	443936.3N 0283254.4E	1125/492 FT	MARKED/LGTD R	
818	Windmill	443707.5N 0283246.2E	1088/492 FT	MARKED/LGTD R	
828	Windmill	443730.3N 0283253.4E	1115/492 FT	MARKED/LGTD R	
835	Windmill	443526.8N 0283247.5E	970/492 FT	MARKED/LGTD R	
837	Windmill	443459.1N 0283248.3E	952/492 FT	MARKED/LGTD R	
838	Windmill	443752.2N 0283259.4E	1076/492 FT	MARKED/LGTD R	
840	Windmill	444536.6N 0283328.5E	1050/489 FT	MARKED/LGTD R	
841	Windmill	443813.2N 0283301.1E	1058/492 FT	MARKED/LGTD R	
842	Windmill	443915.1N 0283305.0E	1100/492 FT	MARKED/LGTD R	
846	Windmill	443548.3N 0283252.8E	957/492 FT	MARKED/LGTD R	
847	Windmill	443234.7N 0283241.1E	936/492 FT	MARKED/LGTD R	
848	Windmill	443608.6N 0283254.7E	955/492 FT	MARKED/LGTD R	
850	Windmill	443438.0N 0283250.5E	908/492 FT	MARKED/LGTD R	
852	Windmill	443855.9N 0283306.6E	1070/492 FT	MARKED/LGTD R	
854	Windmill	444517.4N 0283330.9E	1034/489 FT	MARKED/LGTD R	
855	Windmill	443652.3N 0283300.2E	1030/492 FT	MARKED/LGTD R	
859	Windmill	443833.0N 0283308.4E	1066/492 FT	MARKED/LGTD R	
860	Windmill	443630.5N 0283300.9E	964/492 FT	MARKED/LGTD R	
863	Windmill	442955.3N 0283239.9E	837/492 FT	MARKED/LGTD R	
866	Windmill	443016.8N 0283242.7E	824/492 FT	MARKED/LGTD R	
875	Windmill	443731.7N 0283314.1E	1058/492 FT	MARKED/LGTD R	

a	b	c	d	e	f
877	Windmill	443608.6N 0283310.4E	927/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
880	Windmill	444513.2N 0283345.1E	1068/489 FT	MARKED/LGTD R	
881	Windmill	443918.6N 0283324.4E	1092/492 FT	MARKED/LGTD R	
883	Windmill	443711.4N 0283316.7E	1046/492 FT	MARKED/LGTD R	
884	Windmill	443523.6N 0283310.1E	984/492 FT	MARKED/LGTD R	
885	Windmill	443459.4N 0283309.3E	961/492 FT	MARKED/LGTD R	
886	Windmill	443208.1N 0283259.3E	911/492 FT	MARKED/LGTD R	
887	Windmill	443548.7N 0283313.1E	924/492 FT	MARKED/LGTD R	
888	Windmill	443751.0N 0283320.8E	1036/492 FT	MARKED/LGTD R	
892	Windmill	443937.5N 0283328.3E	1134/492 FT	MARKED/LGTD R	
894	Windmill	443437.0N 0283310.7E	900/492 FT	MARKED/LGTD R	
898	Windmill	443652.2N 0283321.2E	996/492 FT	MARKED/LGTD R	
902	Windmill	443630.1N 0283320.9E	932/492 FT	MARKED/LGTD R	
903	Windmill	443834.7N 0283328.8E	1036/492 FT	MARKED/LGTD R	
904	Windmill	443833.0N 0283328.7E	1036/492 FT	MARKED/LGTD R	
908	Windmill	443853.6N 0283331.3E	1068/492 FT	MARKED/LGTD R	
912	Windmill	442954.7N 0283300.7E	855/492 FT	MARKED/LGTD R	
913	Windmill	435842.4N 0283106.8E	503/327 FT	MARKED/LGTD R	
916	Windmill	443812.9N 0283332.1E	1005/492 FT	MARKED/LGTD R	
917	Windmill	443016.2N 0283303.4E	843/492 FT	MARKED/LGTD R	
921	Windmill	443119.7N 0283309.3E	824/492 FT	MARKED/LGTD R	
922	Windmill	443729.6N 0283332.1E	1015/492 FT	MARKED/LGTD R	
923	Windmill	443100.5N 0283308.2E	837/492 FT	MARKED/LGTD R	
924	Windmill	444511.5N 0283401.6E	1084/489 FT	MARKED/LGTD R	
925	Windmill	443039.7N 0283307.7E	852/492 FT	MARKED/LGTD R	
927	Windmill	443608.8N 0283328.6E	900/492 FT	MARKED/LGTD R	
928	Windmill	443146.2N 0283312.8E	851/492 FT	MARKED/LGTD R	
932	Windmill	443922.6N 0283343.7E	1112/492 FT	MARKED/LGTD R	
933	Windmill	444529.0N 0283406.5E	1131/489 FT	MARKED/LGTD R	
936	Windmill	443711.4N 0283337.5E	1020/492 FT	MARKED/LGTD R	
938	Windmill	435844.1N 0283117.3E	513/327 FT	MARKED/LGTD R	
939	Windmill	443753.5N 0283341.8E	989/492 FT	MARKED/LGTD R	
940	Windmill	443207.1N 0283321.0E	917/492 FT	MARKED/LGTD R	
941	Windmill	443435.8N 0283330.3E	885/492 FT	MARKED/LGTD R	
944	Windmill	443634.7N 0283340.4E	919/492 FT	MARKED/LGTD R	
945	Windmill	443459.8N 0283334.6E	938/492 FT	MARKED/LGTD R	
948	Windmill	443549.0N 0283339.3E	880/492 FT	MARKED/LGTD R	
949	Windmill	443852.7N 0283352.9E	1085/492 FT	MARKED/LGTD R	
951	Windmill	442954.1N 0283321.2E	870/492 FT	MARKED/LGTD R	
952	Windmill	443811.7N 0283352.1E	1012/492 FT	MARKED/LGTD R	
953	Windmill	435845.8N 0283127.5E	494/327 FT	MARKED/LGTD R	
954	Windmill	443015.6N 0283324.0E	885/492 FT	MARKED/LGTD R	
955	Windmill	443057.2N 0283327.2E	867/492 FT	MARKED/LGTD R	
959	Windmill	443037.0N 0283327.5E	900/492 FT	MARKED/LGTD R	
960	Windmill	443145.7N 0283331.8E	867/492 FT	MARKED/LGTD R	
963	Windmill	443225.2N 0283336.0E	964/492 FT	MARKED/LGTD R	
965	Windmill	443927.2N 0283406.3E	1107/492 FT	MARKED/LGTD R	
967	Windmill	443751.0N 0283401.8E	989/492 FT	MARKED/LGTD R	
972	Windmill	443457.6N 0283353.1E	903/492 FT	MARKED/LGTD R	
974	Windmill	443118.2N 0283340.6E	849/492 FT	MARKED/LGTD R	
975	Windmill	443549.3N 0283357.6E	845/492 FT	MARKED/LGTD R	
976	Windmill	443833.5N 0283409.0E	1051/492 FT	MARKED/LGTD R	
978	Windmill	443204.7N 0283345.0E	906/492 FT	MARKED/LGTD R	
981	Windmill	443903.7N 0283413.0E	1099/492 FT	MARKED/LGTD R	
984	Windmill	442953.5N 0283341.6E	864/492 FT	MARKED/LGTD R	
985	Windmill	443056.4N 0283345.8E	883/492 FT	MARKED/LGTD R	
989	Windmill	443014.9N 0283344.4E	907/492 FT	MARKED/LGTD R	
990	Windmill	443036.4N 0283347.0E	918/492 FT	MARKED/LGTD R	
991	Windmill	443811.9N 0283416.6E	1011/492 FT	MARKED/LGTD R	
992	Windmill	443227.0N 0283357.6E	929/492 FT	MARKED/LGTD R	
995	Windmill	443931.4N 0283425.9E	1061/492 FT	MARKED/LGTD R	
997	Windmill	443145.3N 0283357.4E	873/492 FT	MARKED/LGTD R	
999	Windmill	443115.6N 0283400.5E	884/492 FT	MARKED/LGTD R	
1002	Windmill	443505.9N 0283417.5E	825/492 FT	MARKED/LGTD R	
1006	Windmill	443850.5N 0283432.8E	1081/492 FT	MARKED/LGTD R	
1007	Windmill	443834.0N 0283432.3E	1046/492 FT	MARKED/LGTD R	
1008	Windmill	443205.0N 0283408.3E	918/492 FT	MARKED/LGTD R	
1011	Windmill	443753.5N 0283431.5E	994/492 FT	MARKED/LGTD R	
1012	Windmill	443014.3N 0283404.9E	894/492 FT	MARKED/LGTD R	
1014	Windmill	443035.9N 0283407.5E	889/492 FT	MARKED/LGTD R	
1016	Windmill	443811.3N 0283436.6E	1039/492 FT	MARKED/LGTD R	
1017	Windmill	443055.3N 0283410.8E	894/492 FT	MARKED/LGTD R	
1020	Windmill	443924.1N 0283444.9E	1037/492 FT	MARKED/LGTD R	
1024	Windmill	443115.0N 0283417.4E	901/492 FT	MARKED/LGTD R	
1025	Windmill	443144.3N 0283419.3E	910/492 FT	MARKED/LGTD R	
1027	Windmill	442939.8N 0283416.1E	940/492 FT	MARKED/LGTD R	
1028	Windmill	443849.8N 0283450.6E	1083/492 FT	MARKED/LGTD R	

a	b	c	d	e	f
1033	Windmill	443747.9N 0283452.0E	978/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
1037	Windmill	443813.1N 0283459.2E	1034/492 FT	MARKED/LGTD R	
1039	Windmill	442943.1N 0283429.1E	940/492 FT	MARKED/LGTD R	
1040	Windmill	443917.8N 0283506.4E	1096/492 FT	MARKED/LGTD R	
1047	Windmill	443526.5N 0283455.8E	813/492 FT	MARKED/LGTD R	
1049	Windmill	443855.8N 0283509.2E	1090/492 FT	MARKED/LGTD R	
1050	Windmill	443834.4N 0283507.9E	1050/492 FT	MARKED/LGTD R	
1061	Windmill	443612.2N 0283501.6E	907/492 FT	MARKED/LGTD R	
1067	Windmill	443743.8N 0283510.6E	1010/492 FT	MARKED/LGTD R	
1068	Windmill	442939.1N 0283441.9E	933/492 FT	MARKED/LGTD R	
1070	Pole	443522.7N 0283504.7E	646/328 FT	MARKED/LGTD R	
1072	Windmill	443914.8N 0283521.1E	1095/492 FT	MARKED/LGTD R	
1074	Windmill	443638.3N 0283512.9E	934/492 FT	MARKED/LGTD R	
1077	Windmill	443554.8N 0283514.2E	880/492 FT	MARKED/LGTD R	
1079	Windmill	443658.2N 0283519.2E	956/492 FT	MARKED/LGTD R	
1082	Windmill	443852.2N 0283527.9E	1060/492 FT	MARKED/LGTD R	
1083	Windmill	443721.2N 0283522.5E	974/492 FT	MARKED/LGTD R	
1085	Windmill	442942.0N 0283455.1E	907/492 FT	MARKED/LGTD R	
1086	Windmill	443614.5N 0283520.6E	937/492 FT	MARKED/LGTD R	
1087	Windmill	443754.2N 0283527.1E	1067/492 FT	MARKED/LGTD R	
1090	Windmill	443532.5N 0283520.1E	847/492 FT	MARKED/LGTD R	
1093	Windmill	443743.6N 0283532.1E	1038/492 FT	MARKED/LGTD R	
1096	Windmill	443640.3N 0283532.5E	986/492 FT	MARKED/LGTD R	
1097	Windmill	443702.4N 0283535.9E	1004/492 FT	MARKED/LGTD R	
1102	Windmill	443729.3N 0283542.6E	1027/492 FT	MARKED/LGTD R	
1103	Windmill	443616.6N 0283540.4E	948/492 FT	MARKED/LGTD R	
1105	Windmill	443929.3N 0283554.0E	1023/476 FT	MARKED/LGTD R	
1114	Windmill	443906.7N 0283557.1E	997/476 FT	MARKED/LGTD R	
1115	Windmill	443553.8N 0283545.7E	894/492 FT	MARKED/LGTD R	
1117	Windmill	443641.0N 0283549.0E	1027/492 FT	MARKED/LGTD R	
1123	Windmill	443846.6N 0283559.9E	977/476 FT	MARKED/LGTD R	
1125	Windmill	443702.7N 0283553.7E	1058/492 FT	MARKED/LGTD R	
1126	Windmill	443534.8N 0283549.0E	856/492 FT	MARKED/LGTD R	
1128	Windmill	443742.5N 0283558.1E	1075/492 FT	MARKED/LGTD R	
1131	Windmill	443723.2N 0283559.4E	1070/492 FT	MARKED/LGTD R	
1135	Windmill	443856.6N 0283609.2E	986/476 FT	MARKED/LGTD R	
1137	Windmill	443618.0N 0283603.1E	877/492 FT	MARKED/LGTD R	
1138	Windmill	443930.9N 0283615.2E	1011/476 FT	MARKED/LGTD R	
1145	Windmill	443704.5N 0283613.5E	1070/492 FT	MARKED/LGTD R	
1146	Windmill	443552.3N 0283609.0E	926/492 FT	MARKED/LGTD R	
1147	Windmill	443742.8N 0283617.4E	1111/492 FT	MARKED/LGTD R	
1148	Windmill	443849.4N 0283622.3E	952/476 FT	MARKED/LGTD R	
1149	Windmill	443900.7N 0283623.3E	953/476 FT	MARKED/LGTD R	
1154	Windmill	443631.9N 0283617.7E	1021/492 FT	MARKED/LGTD R	
1155	Windmill	443530.3N 0283618.2E	877/492 FT	MARKED/LGTD R	
1156	Windmill	443746.0N 0283628.0E	1110/492 FT	MARKED/LGTD R	
1159	Windmill	443900.7N 0283634.9E	927/476 FT	MARKED/LGTD R	
1162	Windmill	443828.0N 0283636.7E	912/476 FT	MARKED/LGTD R	
1163	Windmill	443722.2N 0283632.6E	1074/492 FT	MARKED/LGTD R	
1164	Windmill	443914.7N 0283641.4E	927/476 FT	MARKED/LGTD R	
1165	Windmill	443656.1N 0283632.7E	1028/492 FT	MARKED/LGTD R	
1167	Windmill	443745.5N 0283638.9E	1111/492 FT	MARKED/LGTD R	
1168	Windmill	443624.3N 0283634.4E	988/492 FT	MARKED/LGTD R	
1170	Windmill	443930.9N 0283649.9E	975/476 FT	MARKED/LGTD R	
1172	Windmill	443819.3N 0283650.8E	924/476 FT	MARKED/LGTD R	
1174	Windmill	443610.8N 0283647.1E	949/492 FT	MARKED/LGTD R	
1175	Windmill	443724.7N 0283653.0E	1057/492 FT	MARKED/LGTD R	
1176	Windmill	443657.3N 0283651.2E	997/492 FT	MARKED/LGTD R	
1177	Windmill	443834.7N 0283700.4E	873/476 FT	MARKED/LGTD R	
1178	Windmill	443631.8N 0283652.8E	1006/492 FT	MARKED/LGTD R	
1179	Windmill	443742.7N 0283700.4E	1119/492 FT	MARKED/LGTD R	
1181	Windmill	443812.5N 0283709.2E	948/476 FT	MARKED/LGTD R	
1183	Windmill	443715.9N 0283709.1E	1029/492 FT	MARKED/LGTD R	
1184	Windmill	443613.5N 0283705.9E	945/492 FT	MARKED/LGTD R	
1186	Windmill	443656.5N 0283708.9E	973/492 FT	MARKED/LGTD R	
1189	Windmill	443912.4N 0283723.3E	906/476 FT	MARKED/LGTD R	
1190	Windmill	443932.4N 0283725.6E	971/476 FT	MARKED/LGTD R	
1195	Windmill	443710.5N 0283723.7E	1025/492 FT	MARKED/LGTD R	
1197	Windmill	443757.6N 0283733.8E	971/476 FT	MARKED/LGTD R	
1198	Windmill	443925.4N 0283740.2E	955/476 FT	MARKED/LGTD R	
1201	Windmill	443827.3N 0283739.5E	846/476 FT	MARKED/LGTD R	
1205	Windmill	443730.6N 0283742.8E	1055/492 FT	MARKED/LGTD R	
1206	Windmill	443944.1N 0283752.2E	945/476 FT	MARKED/LGTD R	
1208	Windmill	443710.7N 0283743.0E	994/492 FT	MARKED/LGTD R	
1209	Windmill	443904.1N 0283759.0E	907/476 FT	MARKED/LGTD R	
1211	Windmill	443753.8N 0283756.0E	939/476 FT	MARKED/LGTD R	
1212	Windmill	443928.0N 0283802.8E	910/476 FT	MARKED/LGTD R	

a	b	c	d	e	f
1214	Windmill	443723.5N 0283757.6E	1034/492 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
1215	Windmill	443843.4N 0283803.8E	839/476 FT	MARKED/LGTD R	
1216	Windmill	443804.1N 0283803.6E	881/476 FT	MARKED/LGTD R	
1220	Windmill	443938.9N 0283813.9E	906/476 FT	MARKED/LGTD R	
1221	Windmill	443819.6N 0283812.9E	815/476 FT	MARKED/LGTD R	
1222	Windmill	443740.1N 0283812.1E	958/476 FT	MARKED/LGTD R	
1223	Stack	440931.2N 0283627.1E	1006/840 FT	MARKED/LGTD R	
1225	Windmill	443717.4N 0283813.6E	1026/492 FT	MARKED/LGTD R	
1233	Windmill	443856.1N 0283830.4E	843/476 FT	MARKED/LGTD R	
1235	Windmill	443917.3N 0283832.2E	869/476 FT	MARKED/LGTD R	
1236	Windmill	443948.9N 0283835.2E	867/476 FT	MARKED/LGTD R	
1240	Windmill	443932.2N 0283839.1E	856/476 FT	MARKED/LGTD R	
1241	Windmill	443736.4N 0283832.3E	936/476 FT	MARKED/LGTD R	
1242	Windmill	443712.3N 0283830.9E	1017/492 FT	MARKED/LGTD R	
1243	Windmill	443941.8N 0283848.4E	856/476 FT	MARKED/LGTD R	
1244	Windmill	443703.6N 0283839.0E	843/327 FT	MARKED/LGTD R	
1250	Windmill	443725.3N 0283850.6E	957/476 FT	MARKED/LGTD R	
1251	Windmill	443700.5N 0283849.1E	843/327 FT	MARKED/LGTD R	
1255	Windmill	444428.6N 0283927.2E	694/492 FT	MARKED/LGTD R	
1256	Windmill	444428.0N 0283927.4E	614/410 FT	MARKED/LGTD R	
1257	Windmill	443657.9N 0283859.0E	835/327 FT	MARKED/LGTD R	
1259	Stack	441946.3N 0283755.6E	347/328 FT	MARKED/LGTD R	
1266	Windmill	443810.9N 0283909.5E	820/476 FT	MARKED/LGTD R	
1267	Windmill	444442.4N 0283936.6E	712/410 FT	MARKED/LGTD R	
1268	Windmill	444442.2N 0283936.6E	785/492 FT	MARKED/LGTD R	
1269	Windmill	443719.1N 0283908.6E	926/476 FT	MARKED/LGTD R	
1273	Windmill	444421.3N 0283939.5E	611/410 FT	MARKED/LGTD R	
1279	Windmill	443952.6N 0283931.2E	806/476 FT	MARKED/LGTD R	
1280	Windmill	444421.4N 0283949.6E	692/492 FT	MARKED/LGTD R	
1281	Windmill	443804.6N 0283926.7E	806/476 FT	MARKED/LGTD R	
1284	Windmill	443817.2N 0283931.3E	749/476 FT	MARKED/LGTD R	
1286	Windmill	444435.3N 0283956.5E	663/492 FT	MARKED/LGTD R	
1293	Windmill	444431.8N 0284000.3E	551/410 FT	MARKED/LGTD R	
1294	Stack	442012.1N 0283829.6E	557/548 FT	MARKED/LGTD R	
1298	Lighthouse	440212.6N 0283725.3E	699/673 FT	MARKED/LGTD R	
1299	Stack	442017.4N 0283833.9E	504/492 FT	MARKED/LGTD R	
1300	Windmill	443951.2N 0283949.4E	636/327 FT	MARKED/LGTD R	
1305	Windmill	443937.0N 0283952.6E	636/327 FT	MARKED/LGTD R	
1314	Antenna	440955.8N 0283810.8E	428/328 FT	MARKED/LGTD R	
1315	Stack	442048.2N 0283853.9E	502/492 FT	MARKED/LGTD R	
1319	Windmill	443958.0N 0284018.0E	622/327 FT	MARKED/LGTD R	
1321	Windmill	444001.9N 0284024.2E	615/327 FT	MARKED/LGTD R	
1326	Stack	442037.9N 0283917.3E	339/328 FT	MARKED/LGTD R	
1331	Stack	442041.0N 0283941.0E	368/361 FT	MARKED/LGTD R	
1332	Stack	442043.8N 0283943.4E	370/361 FT	MARKED/LGTD R	
1334	Stack	442046.6N 0283945.8E	371/361 FT	MARKED/LGTD R	
1336	Windmill	442133.1N 0284113.8E	489/427 FT	MARKED/LGTD R	
1342	Pole	443734.0N 0284804.0E	430/344 FT	MARKED/LGTD R	
1378	Other	442242.0N 0282926.5E	353/0 FT	NIL	
1377	Other	442242.0N 0282926.3E	353/0 FT	NIL	
1381	Other	442241.9N 0282926.5E	353/0 FT	NIL	
1391	Pole	442227.2N 0282929.5E	361/20 FT	MARKED/LGTD R	
1392	Pole	442226.8N 0282929.7E	350/9 FT	MARKED/LGTD R	
1393	Pole	442226.7N 0282930.4E	375/35 FT	MARKED/LGTD R	
1395	Pole	442224.4N 0282929.4E	350/9 FT	MARKED/LGTD R	
1380	Other	442242.0N 0282926.3E	353/0 FT	NIL	
1411	Other	442212.5N 0282916.6E	350/19 FT	NIL	
1530	Pole	442100.0N 0282917.9E	321/9 FT	MARKED/LGTD R	
1531	Antenna	442100.0N 0282918.6E	343/33 FT	MARKED/LGTD R	
1532	Pole	442059.9N 0282919.0E	345/34 FT	MARKED/LGTD R	
1564	Pole	442051.8N 0282905.7E	352/20 FT	MARKED/LGTD R	
1382	Fence	442239.1N 0282920.5E	352/5 FT	NIL	
1383	Fence	442237.0N 0282920.4E	349/5 FT	NIL	
1384	Fence	442234.4N 0282920.4E	347/5 FT	NIL	
1385	Fence	442229.9N 0282920.2E	346/5 FT	NIL	
1394	Fence	442226.9N 0282920.1E	345/5 FT	NIL	
1396	Fence	442223.2N 0282919.9E	343/5 FT	NIL	
1397	Fence	442222.1N 0282918.8E	342/5 FT	NIL	
1415	Fence	442209.9N 0282915.5E	337/7 FT	NIL	
1517	Pole	442102.4N 0282918.2E	319/9 FT	MARKED/LGTD R	
1572	Other	442046.2N 0282911.2E	313/0 FT	NIL	
1573	Other	442046.1N 0282911.2E	313/0 FT	NIL	
1569	Other	442046.2N 0282910.0E	313/0 FT	NIL	
1570	Other	442046.2N 0282910.0E	313/0 FT	NIL	
2435	Other	442034.7N 0282906.9E	313/1 FT	NIL	
2436	Other	442034.7N 0282906.9E	313/1 FT	NIL	
2437	Other	442034.7N 0282906.9E	313/1 FT	NIL	

a	b	c	d	e	f
1543	Pole	442058.8N 0282920.0E	351/39 FT	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
1544	Antenna	442058.7N 0282920.0E	369/57 FT	MARKED/LGTD R	
1555	Pole	442055.0N 0282919.5E	329/17 FT	MARKED/LGTD R	
1398	Pole	442218.2N 0282913.0E	380/59 FT	MARKED/LGTD R	
1399	Pole	442217.2N 0282912.9E	379/59 FT	MARKED/LGTD R	
1403	Pole	442216.2N 0282912.8E	380/59 FT	MARKED/LGTD R	
1411a	Other	442212.6N 0282915.5E	349/19 FT	NIL	
2446	Pole	442059.5N 0282852.0E	385/68 FT	MARKED/LGTD R	
2447	Pole	442057.4N 0282851.6E	385/69 FT	MARKED/LGTD R	
2448	Pole	442055.2N 0282851.1E	383/69 FT	MARKED/LGTD R	
2449	Pole	442045.0N 0282854.1E	407/97 FT	MARKED/LGTD R	
2450	Pole	442045.2N 0282851.4E	407/97 FT	MARKED/LGTD R	
2451	Pole	442045.4N 0282848.7E	409/97 FT	MARKED/LGTD R	
2452	Pole	442045.6N 0282845.9E	409/98 FT	MARKED/LGTD R	
2453	Pole	442053.1N 0282844.0E	415/98 FT	MARKED/LGTD R	
2454	Pole	442052.9N 0282846.8E	413/97 FT	MARKED/LGTD R	
2455	Pole	442052.7N 0282849.5E	412/98 FT	MARKED/LGTD R	
2456	Pole	442052.5N 0282852.4E	410/97 FT	MARKED/LGTD R	
2457	Pole	442052.4N 0282855.3E	410/96 FT	MARKED/LGTD R	
2458	Pole	442054.7N 0282855.6E	414/98 FT	MARKED/LGTD R	
2459	Pole	442056.9N 0282855.9E	414/97 FT	MARKED/LGTD R	
2460	Pole	442059.4N 0282856.3E	415/97 FT	MARKED/LGTD R	
2461	Pole	442102.3N 0282852.4E	385/68 FT	MARKED/LGTD R	
2462	Pole	442101.6N 0282856.6E	384/66 FT	MARKED/LGTD R	
2666	NAVAID	442056.9N 0282918.4E	361/49 FT	LGTD R	
2668	NAVAID	442056.9N 0282918.7E	332/20 FT	LGTD R	
2669	NAVAID	442054.2N 0282918.0E	333/21 FT	LGTD R	

In Area 3					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
1396	Fence	442223.2N 0282919.9E	343/5 FT	NIL	Electronic form of obstacle data sets for Area 3 are available (see GEN 3.1.6)
1512	Building	442104.4N 0282856.2E	344/26 FT	MARKED/LGTD R	
1515	Building	442103.5N 0282857.7E	345/28 FT	MARKED/LGTD R	
1516	Building	442103.2N 0282859.9E	336/19 FT	MARKED/LGTD R	
1518	Building	442102.9N 0282857.5E	333/16 FT	MARKED/LGTD R	
1533	Building	442100.5N 0282855.3E	350/33 FT	MARKED/LGTD R	
1549	Building	442058.3N 0282855.1E	371/55 FT	MARKED/LGTD R	
1554	Building	442055.9N 0282854.7E	338/22 FT	MARKED/LGTD R	
1558	Building	442054.0N 0282855.8E	347/34 FT	MARKED/LGTD R	
1579	Building	442044.8N 0282900.9E	339/32 FT	NIL	
2449	Pole	442045.0N 0282854.1E	407/97.3 FT	MARKED/LGTD R	
2450	Pole	442045.2N 0282851.4E	407/97.3 FT	MARKED/LGTD R	
2451	Pole	442045.4N 0282848.7E	409/97.3 FT	MARKED/LGTD R	
2452	Pole	442045.6N 0282845.9E	409/97.5 FT	MARKED/LGTD R	
2453	Pole	442053.1N 0282844.0E	415/97.8 FT	MARKED/LGTD R	
2454	Pole	442052.9N 0282846.8E	413/96.9 FT	MARKED/LGTD R	
2455	Pole	442052.7N 0282849.5E	412/97.9 FT	MARKED/LGTD R	
2456	Pole	442052.5N 0282852.4E	410/97.5 FT	MARKED/LGTD R	
2457	Pole	442052.4N 0282855.3E	410/95.9 FT	MARKED/LGTD R	
2458	Pole	442054.7N 0282855.6E	414/97.7 FT	MARKED/LGTD R	
2459	Pole	442056.9N 0282855.9E	414/97.3 FT	MARKED/LGTD R	
2460	Pole	442059.4N 0282856.3E	415/97.0 FT	MARKED/LGTD R	
2462	Pole	442101.6N 0282856.6E	384/65.6 FT	MARKED/LGTD R	

LRCK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	CONSTANȚA/ M.Kogălniceanu
2	Hours of service MET Office outside hours	H24 -
3	Office responsible for TAF preparation Periods of validity Interval of issuance	LROM 24 HR 6 HR, during aerodrome operational hours
4	Type of landing forecast Interval of issuance	TREND As necessary or at least every 30 MIN
5	Briefing / consultation provided	Self-briefing; briefing/consultation on request (see row 8)
6	Flight documentation Language(s) used	Charts, tabular form, abbreviated plain language text Romanian, English
7	Charts and other information available for briefing or consultation	SWC, W/T Charts, SIGMET, METAR, TAF
8	Supplementary equipment available for providing information	Tel: +40-(0)241-258563 Fax: +40-(0)241-258563
9	ATS units provided with information	CONSTANȚA TWR
10	Additional information (limitation of service, etc.)	NIL

LRCK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

ERROR AD 2.12 - RUNWAY PHYSICAL CHARACTERISTICS							
Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY	
1	2	3	4	5	6	7	
36	005.59°	3500 x 45	62/R/A/W/T Concrete	442047.20N 0282910.73E 442240.04N 0282926.13E GUND 111.9 FT	THR 315 FT	0.3% (3000 M) 0.8% (500 M)	
18	185.59°	3500 x 45	62/R/A/W/T Concrete	442240.04N 0282926.13E 442047.20N 0282910.74E GUND 111.9 FT	THR 353 FT	-0.8% (500 M) -0.3% (3000 M)	
SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system		OFZ	Remarks
8	9	10	11	12	13	14	
Nil	112 x 180	3620 x 300	240 x 90	NIL	Yes	NIL	
Nil	300 x 180	3620 x 300	240 x 90	NIL	NIL	NIL	

LRCK AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
36	3500	3612	3500	3500	NIL
18	3500	3800	3500	3500	NIL

REDUCED DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	Remarks
1	2	3	4	5
36 TWY B	2950	3062	2950	CWY: 112M X 180M

LRCK AD 2.14 APPROACH AND RWY LIGHTING

RWY									
RWY	APCH LGT	THR LGT	VASIS	TDZ, LGT	Centre Line	RWY	RWY End	SWY LGT	
Designator	type	colour	(MEHT)	LEN	LGT Length, spacing, colour, INTST	edge LGT LEN, spacing, colour, INTST	LGT colour	LEN(M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
36	ALS II, 900 M	Green	PAPI 3.0° (59 FT)	White 900 M	2600M, 15M, White, 600M, 15M, White/Red, 300M, 15M, Red, LIH	2900M, 60M, White, 600M, 60M, Yellow, LIH	Red	NIL	RWY 18/36, LED lights used
18	SALS, 420 M, LIH	Green	PAPI 3.0° (55 FT)	NIL	2600M, 15M, White, 600M, 15M, White/Red, 300M, 15M, Red, LIH	2900M, 60M, White, 600M, 60M, Yellow, LIH	Red	NIL	

LRCK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	NIL
2	LDI location and LGT Anemometer location and LGT	NIL 130 M from THR 36, lighted.
3	TWY edge and centre line lighting	TWY edge blue omni-directional, TWY "A", "B" centre line green. Exit TWY centre line: yellow/green. STOP BARS
4	Secondary power supply/switch-over time	Secondary power supply to all lighting on RWY 18/36; Switch-over time 1 SEC.
5	Remarks	NIL

LRCK AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	NIL
2	TLOF and/or FATO elevation M/FT	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True and MAG BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	RWY 36/18 to be used.

LRCK AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	CONSTANȚA CTR A circle, radius 16 NM (30 KM) centred at 442144N 0282918E (ARP)
2	Vertical limits	SFC to 2000 FT AMSL
3	Airspace classification	C
4	ATS unit call sign Language(s)	Constanța Tower English, Romanian
5	Transition altitude	4000 FT AMSL
6	Hours of applicability	As ATS
7	Remarks	NIL

LRCK AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/ Frequency	SATVOICE	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	Constanța Approach	122.905 127.350 MHz ALTN	NIL	NIL	H24	NIL
TWR	Constanța Tower	124.030 120.450 MHz ALTN	NIL	NIL	H24	Exempted 8.33 kHz State aircraft.
ATIS	Constanța ATIS	121.500 MHz EMERG 118.750 MHz	NIL	NIL	H24	NIL

LRCK AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	ID	Frequency / Channel	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna / ELEV of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME (7°E/2021)	CND	112.700 MHz CH 74X	H24	441708.0N 0282842.0E	300 FT	NIL	Coverage 150 NM (assumed)
LOC 36 (7°E/2021) ILS CAT II (II.T.3)	ICK	110.300 MHz	H24	442253.9N 0282928.0E	NIL	NIL	Front course angle 3.12°.
GP 36	-	335.000 MHz	H24	442056.9N 0282918.4E	NIL	NIL	GP Angle 3°, ILS RDH 54 FT.
DME 36	ICK	CH 40X	H24	442057.0N 0282918.4E	300 FT	NIL	NIL
GPS NPA	-	1575.420 MHz	H24	NIL	NIL	NIL	Transmitting antennas are satellite based. Maintained by the U.S. Department of Defense.
EGNOS LPV	-	1575.420 MHz	H24	NIL	NIL	NIL	Transmitting antennas are satellite based. Maintained by the European Satellite Services Provider - ESSP.

LRCK AD 2.20 LOCAL AERODROME REGULATIONS

1. Airport regulations / Reguli de aeroport

1. Aircraft B747-8F/400/300/200/100, B777-200LR/300F/300ER, MD 11, A 330-300, A 340-600, AN 124 shall obtain aerodrome operator's prior approval before flight. Request will be sent at ops@mk-airport.ro. In case of declared emergency situation, when diverting to LRCK as an alternate aerodrome, aerodrome may be used without prior approval.

2. Before operating an airplane on LRCK, the aircraft operator has to be aware about the following infrastructure restrictions:

- Aircrews operating aircraft in the approach configuration with EWH (Eye to Wheel Height) greater than 8 m, has to use caution about minimum wheel clearance over threshold when following PAPI signal;
- Clearances in the turning bay at the end of RWY36 are provided for Boeing 767-300 aircraft dimensions or a similar one, when crew follows the turnpad markings;
- Taxi on the apron for airplanes having a wingspan greater than 52 m is permitted by follow me escort only;

1. Aeronavele B747-8F/400/300/200/100, B777-200LR/300F/300ER, MD 11, A 330-300, A 340-600, AN 124 trebuie să obțină aprobarea operatorului de aerodrom anterior operării. Solicitarea va fi transmisă pe adresa ops@mk-airport.ro. În cazul situațiilor de urgență declarate, cazurile de deviere către LRCK ca aerodrom de rezervă, aerodromul poate fi utilizat fără aprobare prealabilă.

2. Înaintea operării la LRCK, operatorul aeronavei trebuie să aibe în vedere următoarele restricții de infrastructură:

- Echipajele care operează aeronave cu o configurație a înălțimii ochi pilot-roată mai mare de 8 m, trebuie să acorde atenție înălțimii libere la roata deasupra pragului când urmează semnalul PAPI;
- Distanțele de siguranță ale platformei de întoarcere aeronave la pista la sfârșitul pistei 36, sunt realizate pentru dimensiunile aeronavei B767-300 sau o aeronava similară, când echipajul urmărește marcajele platformei de întoarcere aeronave la pistă;
- Rularea aeronavelor cu o anvergură mai mare de 52 m pe platforma de staționare, va fi permisă doar cu însoțire follow-me;

2. Standard Taxi Routes / Rutele Standard de Rulare

2.1 Arrival information / Informații la sosire

		Name of the Standard Taxi Route	Stand number	Taxiway to be followed	Remarks
Arrival on RWY 36 (Turn around in turning bay at THR 18 for aircraft Cat D)	Taxi via standard taxi route	Arrival 36A	1 - 6	TWY A - TWY I - TWY G	Aircraft wingspan up to but not including 24m.
			7 - 13	TWY A - TWY I	NIL
			14 - 18	TWY A - TWY H	Aircraft wingspan up to but not including 36m.
Arrival 36B		1 - 6	TWY B -TWY G	Aircraft wingspan up to but not including 24m.	
		14 - 18	TWY B - TWY H	Aircraft wingspan up to but not including 36m.	
Arrival on RWY 18		Arrival 18A	1 - 6	TWY A - TWY I - TWY G	Aircraft wingspan up to but not including 24m.
			7 - 13	TWY A - TWY I	NIL
			14 - 18	TWY A - TWY H	Aircraft wingspan up to but not including 36m.
		Arrival 18B	1 - 6	TWY B - TWY G	Aircraft wingspan up to but not including 24m.
			14 - 18	TWY B - TWY H	Aircraft wingspan up to but not including 36m.

2.2 Departure information/Informații la plecare

2.2 Departure information/information la plicare

	Stand No.	Instruction given by ATC				Taxiway to be followed	Remarks	
			Name of the Standard Taxi Route					
Departure from	1-6	Taxi via standard taxi route	Departure GA	To holding position	A	RWY 36	TWY G - TWY A	Aircraft wingspan up to but not including 24 m
	7-13		Departure IA		A	RWY 36	TWY I - TWY A	NIL
	14-18		Departure HA		A	RWY 36	TWY H - TWY A	Aircraft wingspan up to but not including 36 m
	1-6		Departure GB		B	RWY 36	TWY G - TWY B	Aircraft wingspan up to but not including 24 m
	14-18		Departure HB		B	RWY 36	TWY H - TWY B	Aircraft wingspan up to but not including 36 m
	1-6		Departure GA		A	RWY 18	TWY G - TWY A turn left taxi to the end of RWY and line-up	Aircraft wingspan up to but not including 24 m
	7-13		Departure IA		A	RWY 18	TWY I - TWY A turn left taxi to the end of RWY and line-up	NIL
	14-18		Departure HA		A	RWY 18	TWY H - TWY A turn left taxi to the end of RWY and line-up	Aircraft wingspan up to but not including 36 m
	1-6		Departure GB		B	RWY 18	TWY G - TWY B turn left taxi to the end of RWY and line-up	Aircraft wingspan up to but not including 24 m
	14-18		Departure HB		B	RWY 18	TWY H - TWY B turn left taxi to the end of RWY and line-up	Aircraft wingspan up to but not including 36 m

LRCK AD 2.21 NOISE ABATEMENT PROCEDURES

See AD 1.1-3

LRCK AD 2.22 FLIGHT PROCEDURES

LOW VISIBILITY PROCEDURES / PROCEDURI ÎN CONDIȚII DE VIZIBILITATE REDUSĂ

1. Description of facilities

- (1) Runway 36 is approved for ILS CAT II approaches.
- (2) Runway 18/36 is approved for LVTO.
- (3) Runway 36 is approved for Enhanced Flight Vision System operations.

1. Descrierea facilităților

- (1) Pista 36 este autorizată pentru operațiuni de apropiere ILS CAT II.
- (2) Pista 18/36 este autorizată pentru LVTO.
- (3) Pista 36 este autorizată pentru operațiuni Enhanced Flight Vision System.

2. Criteria for the initiation and termination of LVP

(1) Approach and landing

(a) The preparation phase will be triggered when RVR falls below 800M with continued decreasing trends (visibility falls below 1500M with continued decreasing trends) or ceiling is below 500ft with continued decreasing trends.

(b) The operations phase will be triggered when RVR falls below 550M (visibility falls below 800M) or ceiling is below 200ft.

(c) LVP will be terminated when RVR is greater than 800M (respectively: visibility increases over 1500M) and ceiling is over 300ft - as long as the continuous weather improvement is anticipated.

(2) Take-off

(a) If LVP is not in force, the LVTO must be required at least 30 minutes before EOBT/CTOT.

2. Criterii pentru inițierea și terminarea LVP

(1) Aproximarea și aterizarea

(a) Faza de pregătire va fi declanșată atunci când RVR scade sub 800m, cu tendințe de scădere continuă (respectiv: vizibilitatea scade sub 1500m, cu tendințe de scădere continuă) sau atunci când plafonul scade sub 500ft, cu tendințe de scădere continuă.

(b) Faza operațională va fi declanșată atunci când valoarea RVR scade sub 550m (respectiv: vizibilitatea scade sub 800m) sau plafonul este sub 200ft.

(c) LVP vor fi încheiate atunci când valoarea RVR este mai mare de 800m (respectiv: vizibilitatea crește peste 1500m) și plafonul urcă peste 300ft - în condițiile în care se anticipează îmbunătățirea continuă a condițiilor meteo.

(2) Decolarea

(a) Dacă LVP nu sunt declanșate, LVTO trebuie solicitată cu cel puțin 30 minute înainte EOBT/CTOT.

3. Details of runway exits

(1) Pilots are to delay the call 'runway vacated' until the aircraft has completely passed the end of the green/yellow colour coded TWY A / TWY B centreline lights.

(2) The aircraft runs to the parking position according to Standard Taxi Routes, following the guideline markings, the marshaller's light signals and the Follow Me car

3. Detalii privind ieșirea de la pistă

(1) Piloții vor raporta 'pista liberă' numai după ce aeronava a depășit integral luminile axiale ale TWY A / TWY B de culoare galben/verde.

(2) Aeronava rulează spre poziția de staționare conform Rutelor Standard de Rulare, urmând marcajele de ghidare, semnalele luminoase ale dispecerului sol și vehiculul Follow Me.

4. Restrictions on ground movement

(1) Aircraft maneuvering towards/from RWY 18/36 shall be performed on Standard Taxi Routes.

(2) Once the taxiing clearance has been received, the aircraft shall follow the lead in lines, the marshaller's light signals and the Follow Me.

(3) The waiting and, respectively, the release positions for Follow Me car are in accordance with ATC references.

(4) Strictly forbidden for aircraft to cross the Runway holding position when the red lights of STOP BAR are on.

4. Restricții privind mișcarea la sol

(1) Toate mișcările aeronavei pe suprafața de manevră spre/dinspre pista 18/36 se fac pe Rutele Standard de Rulare.

(2) După obținerea autorizării de rulare, aeronava urmează marcajele de pe platformă, indicațiile dispecerului sol și vehiculului Follow Me.

(3) Pozițiile de așteptare și, respectiv, de degajare pentru vehiculul Follow Me sunt conform indicațiilor CTA.

(4) Este strict interzis pentru aeronave traversarea poziției de așteptare la pistă atunci când luminile roșii ale STOP BAR sunt aprinse.

**5. Description of LVP****(1) CAT II Approach and Landing**

(a) Pilots will be informed by ATC when LVP are in force.

(b) RWY holding position passing must be reported to ATC.

(2) Low Visibility Take Off

(a) Aircraft that exit the stand will start taxiing to the RWY only with ATC clearance.

(b) Towards taxiing for take-off, the aircraft will be in radio contact with ATC. All ATC instructions shall be confirmed through READ BACK method.

(3) Simulated CAT II Approaches

(a) Prior to performing a simulated CAT II approach, is mandatory for the pilot to submit a request to ATC.

(b) ATC can authorize a simulated CAT II approach only after all relevant procedures are in force.

5. Descrierea LVP**(1) Apropierea și aterizarea CAT II**

(a) Pilotii vor fi informați de către CTA TWR atunci când procedurile LVP sunt operaționale

(b) Depășirea poziției de așteptare la pistă trebuie raportată către CTA TWR.

(2) Decolarea în condiții de vizibilitate redusă

(a) Aeronavele care ies de la poziția de staționare vor începe rularea spre pistă numai cu aprobarea CTA TWR.

(b) Pe perioada deplasării la sol în vederea decolării, aeronava va fi în legătură radio cu CTA TWR. Toate instrucțiunile CTA TWR vor fi confirmate prin metoda READ BACK (repetarea conținutului).

(3) Apropieri CAT II în condiții LVP simulate

(a) Înainte de efectuarea unei simulări de apropiere CAT II, pilotul este obligat să transmită o solicitare către CTA.

(b) CTA poate aproba apropieri în condiții simulate CAT II numai după îndeplinirea tuturor condițiilor.

LRCK AD 2.23 ADDITIONAL INFORMATION**1. Warning for bird hazard**

There may be concentrations of birds on or near "Mihail Kogălniceanu" Constanța International Airport.

The directions of movement of the birds and the maximum heights reached are represented on chart AD 2.8-46. Pilots are asked to be careful when taking off and while approaching for landing.

1. Avertizare pentru pericol de păsări

Pot exista concentrații de păsări pe sau în apropierea Aeroportului Internațional "Mihail Kogălniceanu" Constanța.

Direcțiile de deplasare ale păsărilor și înălțimile maxime atinse sunt reprezentate pe harta AD 2.8-46. Pilotii sunt rugați să fie precauți la decolare și în timp ce se apropie pentru aterizare."

LRCK AD 2.24 CHARTS RELATED TO THE AERODROME

Aerodrome Chart - ICAO	AD 2.8-20
Aircraft Parking/Docking Chart - ICAO	AD 2.8-22
Aerodrome Obstacle Chart - ICAO - Type A	AD 2.8-25
Precision Approach Terrain Chart - ICAO	
RWY 36	AD 2.8-28
Standard Departure Charts - Instrument - ICAO	
RWY 18	AD 2.8-31
RWY 36	AD 2.8-32
Standard Arrival Charts - Instrument - ICAO	
RWY 18	AD 2.8-35
RWY 36	AD 2.8-36
ATC Surveillance Minimum Altitude Chart – ICAO	AD 2.8-45
Bird concentrations in the vicinity of the aerodrome	AD 2.8-46
Instrument Approach Charts - ICAO	
RWY 36 ILS	AD 2.8-52
RWY 18 RNP	AD 2.8-71
RWY 36 RNP	AD 2.8-72
RWY 18 VOR	AD 2.8-81
RWY 36 VOR	AD 2.8-82

LRCK AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.