

ENR 5.4 Luftfartshindre**ENR 5.4 Air navigation obstacles -
en-route****Advarsel om luftfartshindre**

VFR-flyginger som finner sted i norsk luftrom advares mot luftfartshindre. Tabellen under viser luftfartshindre kjent for Nasjonalt register over luftfartshindre (NRL), og som har høyde lik 100 M (328 FT) AGL eller høyere. Hindrene er listet opp etter geografisk område delt inn i hele bredde- og lengdegrader.

De fleste hindre montert i løpet av de siste årene, og som har høyde lik 60 M (196 FT) AGL eller høyere, er merket og belyst i samsvar med gjeldende forskrifter. Det gjøres likevel oppmerksom på at mange slike hindre ikke er merket eller belyst. Dette gjelder mange kraftledninger, luftledninger og taubaner. Svært høye master kan være forankret med stag eller fortøyninger som er vanskelig å se fra luften, og de kan ha ankerpunkter plassert langt fra mastens fotpunkt.

Enkelte luftfartskart viser luftfartshindre, men slike kart er ikke nødvendigvis komplette med hensyn til hindre innenfor det område som dekkes. Ikke alle luftledninger er angitt på kart. Som en følge av dette bør det utøves den største forsiktighet under flyging i fjorder, daler og i nærheten av øyene langs kysten.

Nasjonalt register over luftfartshindre (NRL) ble etablert i samarbeid mellom Kartverket, Forsvarets militærgeografiske tjeneste og Avinor. Kartverket har ansvaret for drift og vedlikehold av registeret, og informasjonen fra dette registeret benyttes både i sivile og militære flykartserier, blant annet ICAO 1:500 000-serien.

Ytterligere informasjon om NRL, inkludert opplysninger vedrørende uttrekk av data fra databasen, kan fås ved henvendelse til:

Kartverket
Nasjonalt register over luftfartshindre
3507 Hønefoss

nrl@statkart.no
TEL: 32 11 81 00
FAX: 32 11 81 01

Obstructions to Air Navigation - Warning

VFR-flights in Norwegian airspace should be aware of obstructions to air navigation. The following table lists obstructions having a height of 100 M (328 FT) AGL or more known to the National register over obstructions to air navigation (NRL). The obstructions are grouped relative to their geographical location given in degrees of latitude and longitude.

Most obstructions erected in recent years, having a height of 60 M (196 FT) AGL or more, are marked and lighted in accordance with applicable regulations. However, it should be noted that many such obstructions are not marked or lighted. This includes numerous transmission lines, overhead wires and aerial ropeways. Very high pylons may be provided with struts or guy-wires almost invisible from the air. These support guys may be anchored far out from the pylon's foundation.

Some aeronautical charts show obstructions to air navigation, but such charts are not necessarily complete concerning obstructions in the area covered by the chart. Not all wires are depicted on charts. As a consequence, caution should be exercised when flying in fjords and valleys, as well as in the vicinity of islands along the coast.

The National register of obstructions to air navigation (NRL) was established in cooperation with the Norwegian Mapping Authority, the Norwegian Military Geographic Service, and Avinor. The Norwegian Mapping Authority is responsible for running and maintaining the register, information from which is used both in civilian and military aeronautical chart series, including the ICAO 1:500 000-series.

Further information on the NRL, including information regarding the extraction of data from the database, can be obtained from:

Kartverket
Nasjonalt register over luftfartshindre
NO-3507 Hønefoss
Norway

nrl@statkart.no
TEL: +47 32 11 81 00
FAX: +47 32 11 81 01

NORSK

ENGLISH

AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
56N003E	EN14305	Valhall IP	Petroleum System	561633.0900N 0032342.2300E	111/111	43.69	Fixed red
	EN14307	Valhall PCP	Petroleum System	561636.3100N 0032347.4400E	100/100	43.69	Not Lighted
	EN14502	EKOFISK 2/4S	Petroleum System	563304.8900N 0031244.6200E	170/170	43.88	Fixed red
	EN14505	EKOFISK 2/4J	Petroleum System	563248.1500N 0031314.8600E	168/168	43.87	Fixed red
	EN14508	EKOFISK 2/4B	Petroleum System	563352.9200N 0031208.0400E	102/102	43.89	Fixed red
	EN14513	EKOFISK 2/4R	Petroleum System	563300.0200N 0031236.9800E	170/170	43.88	Fixed red
	EN14514	EKOFISK 2/4G	Petroleum System	563254.7300N 0031230.7400E	170/170	43.89	Fixed red
	EN14515	EKOFISK 2/4P	Petroleum System	563252.9300N 0031243.9100E	170/170	43.88	Fixed red
	EN14516	EKOFISK 2/4C	Petroleum System	563249.8800N 0031250.6300E	170/170	43.88	Fixed red
	EN14517	EKOFISK 2/4X	Petroleum System	563249.1100N 0031303.0300E	170/170	43.87	Fixed red
	EN14518	EKOFISK 2/4Q	Petroleum System	563246.7700N 0031252.4800E	170/170	43.88	Fixed red
	EN14519	EKOFISK 2/4FTP	Petroleum System	563243.9200N 0031254.9800E	170/170	43.88	Fixed red
	EN14520	EKOFISK 2/4W	Petroleum System	563236.7600N 0031259.3300E	170/170	43.88	Fixed red
	EN14531	EKOFISK 2/4K	Petroleum System	563354.5200N 0031216.7800E	102/102	43.89	Fixed red
	EN23396	ELDFISK 2/7 S	Petroleum System	562229.9500N 0031545.7900E	123/123	43.88	Fixed red
	EN23467	ELDFISK 2/7 S	Tower	562232.8700N 0031552.0200E	141/141	43.88	Not Lighted
57N002E	EN14311	ULA DP	Petroleum System	570638.8000N 0025044.9300E	115/115	43.89	Fixed red
	EN14312	ULA PP	Petroleum System	570639.8400N 0025050.8700E	112/112	43.89	Fixed red
58N001E	EN13791	Sleipner A	Petroleum System	582200.1000N 0015425.3600E	134/134	45.62	Fixed red
	EN17245	Sleipner T	Petroleum System	582204.7100N 0015417.6500E	178/178	45.62	Unknown
	EN17246	Sleipner F	Petroleum System	582207.6100N 0015438.2200E	113/113	45.62	Unknown
	EN57228	Maersk Integrator	Petroleum System	583417.3893N 0014142.5989E	138/138,1	45.78	Fixed red
58N002E	EN13780	Draupner S	Petroleum System	581117.3700N 0022816.0300E	120/120	44.94	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
58N005E	EN1673	Lifjell	Telemast	585512.9200N 0054723.8100E	111/389	43.64	Fixed red
	EN19433	Not named - 68183	Crane	585210.4200N 0054446.8100E	100/103	43.66	Fixed red
	EN21797	Hog-Jaeren Energipark 1	Windmill	583855.5700N 0054344.6100E	126/317	43.57	Oscillating red
	EN21798	Hog-Jaeren Energipark 2	Windmill	583822.1600N 0054418.1500E	126/329	43.57	Oscillating red
	EN21799	Hog-Jaeren Energipark 3	Windmill	583852.3600N 0054406.6500E	126/326	43.58	Not Lighted
	EN21800	Hog-Jaeren Energipark 4	Windmill	583838.5300N 0054416.6200E	126/330	43.57	Not Lighted
	EN21801	Hog-Jaeren Energipark 5	Windmill	583828.2000N 0054434.3500E	126/336	43.57	Not Lighted
	EN21802	Hog-Jaeren Energipark 6	Windmill	583855.6600N 0054425.8500E	126/332	43.58	Not Lighted
	EN21803	Hog-Jaeren Energipark 7	Windmill	583842.2000N 0054434.9600E	126/336	43.58	Not Lighted
	EN21804	Hog-Jaeren Energipark 8	Windmill	583830.0900N 0054452.9000E	126/346	43.58	Not Lighted
	EN21805	Hog-Jaeren Energipark 9	Windmill	583859.0300N 0054445.2500E	126/336	43.59	Not Lighted
	EN21806	Hog-Jaeren Energipark 10	Windmill	583846.6300N 0054453.4900E	126/342	43.59	Not Lighted
	EN21807	Hog-Jaeren Energipark 11	Windmill	583831.3900N 0054512.2200E	126/354	43.59	Not Lighted
	EN21808	Hog-Jaeren Energipark 12	Windmill	583901.0600N 0054505.3900E	126/344	43.60	Oscillating red
	EN21809	Hog-Jaeren Energipark 13	Windmill	583847.2000N 0054514.4800E	126/347	43.60	Not Lighted
	EN21810	Hog-Jaeren Energipark 14	Windmill	583835.8300N 0054530.3300E	126/356	43.60	Oscillating red
	EN21811	Hog-Jaeren Energipark 21	Windmill	583915.1300N 0054632.2300E	126/382	43.63	Not Lighted
	EN21812	Hog-Jaeren Energipark 22	Windmill	583901.7400N 0054640.6600E	126/376	43.63	Not Lighted
	EN21813	Hog-Jaeren Energipark 23	Windmill	583847.1000N 0054653.1200E	126/375	43.63	Oscillating red
	EN21814	Hog-Jaeren Energipark 24	Windmill	583937.2000N 0054640.5800E	126/376	43.64	Oscillating red
	EN21815	Hog-Jaeren Energipark 25	Windmill	583923.5500N 0054647.4900E	126/386	43.64	Not Lighted
	EN21816	Hog-Jaeren Energipark 26	Windmill	583909.8900N 0054653.0400E	126/386	43.64	Not Lighted
	EN21817	Hog-Jaeren Energipark 27	Windmill	583856.3900N 0054700.7000E	126/385	43.64	Not Lighted
	EN21818	Hog-Jaeren Energipark 28	Windmill	583916.6200N 0054708.0200E	126/388	43.64	Not Lighted
	EN21819	Hog-Jaeren Energipark 29	Windmill	583902.8900N 0054713.8300E	126/388	43.64	Not Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
	EN21820	Hog-Jaeren Energipark 30	Windmill	583918.9200N 0054725.8800E	126/394	43.65	Not Lighted
	EN21821	Hog-Jaeren Energipark 31	Windmill	583903.3600N 0054731.2500E	126/390	43.65	Oscillating red
	EN21822	Hog-Jaeren Energipark 32	Windmill	583923.7900N 0054741.5800E	126/366	43.66	Oscillating red
	EN22570	Hog-Jaeren Energipark 15	Windmill	583917.5700N 0054517.2500E	126/351	43.61	Oscillating red
	EN22571	Hog-Jaeren Energipark 16	Windmill	583903.2700N 0054525.4800E	126/356	43.61	Not Lighted
	EN22572	Hog-Jaeren Energipark 17	Windmill	583848.9600N 0054533.7500E	126/356	43.60	Not Lighted
	EN22573	Hog-Jaeren Energipark 18	Windmill	583833.8600N 0054549.4800E	126/360	43.60	Oscillating red
	EN22574	Hog-Jaeren Energipark 19	Windmill	583842.5000N 0054609.0500E	126/366	43.61	Not Lighted
	EN22575	Hog-Jaeren Energipark 20	Windmill	583851.6000N 0054627.1100E	126/367	43.62	Not Lighted
	EN2393	Urdalsnipa	Tower	583759.3200N 0055717.7200E	130/685	43.79	Lighted
	EN5969	Omradekran 1	Crane	585905.9800N 0054319.7600E	113/115	43.62	Fixed red
	EN5970	Omradekran 2	Crane	585859.2400N 0054348.2000E	113/115	43.62	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
58N006E	EN22578	Lista T1	Windmill	580942.1400N 0063748.0100E	125/287	41.96	Oscillating red
	EN22579	Lista T2	Windmill	580950.1900N 0063805.2200E	125/321	41.97	Not Lighted
	EN22580	Lista T3	Windmill	580956.7300N 0063824.8000E	125/336	41.98	Not Lighted
	EN22581	Lista T4	Windmill	581005.6800N 0063840.3100E	125/327	42.00	Oscillating red
	EN22582	Lista T5	Windmill	580934.3100N 0063810.9900E	125/327	41.95	Not Lighted
	EN22583	Lista T6	Windmill	580940.7900N 0063839.5100E	125/314	41.97	Oscillating red
	EN22584	Lista T7	Windmill	580904.1300N 0063835.0800E	125/313	41.92	Oscillating red
	EN22585	Lista T8	Windmill	580918.6300N 0063834.0000E	125/319	41.94	Not Lighted
	EN22586	Lista T9	Windmill	580924.6900N 0063855.6200E	125/342	41.95	Not Lighted
	EN22587	Lista T10	Windmill	580924.8000N 0064024.6600E	125/363	41.96	Oscillating red
	EN22588	Lista T11	Windmill	580927.6400N 0064047.2300E	125/373	41.97	Not Lighted
	EN22589	Lista T12	Windmill	580855.7800N 0064002.8700E	125/370	41.92	Oscillating red
	EN22590	Lista T13	Windmill	580901.7100N 0064028.0600E	125/384	41.94	Not Lighted
	EN22591	Lista T14	Windmill	580908.3000N 0064049.2300E	125/377	41.95	Not Lighted
	EN22592	Lista T15	Windmill	580916.8000N 0064104.7100E	125/369	41.96	Oscillating red
	EN22593	Lista T16	Windmill	580928.5700N 0064117.2200E	125/362	41.98	Not Lighted
	EN22594	Lista T17	Windmill	580938.0900N 0064137.3500E	125/396	41.99	Not Lighted
	EN22595	Lista T18	Windmill	580951.2200N 0064135.3400E	125/386	42.01	Oscillating red
	EN22596	Lista T19	Windmill	580927.0100N 0064204.7500E	125/425	41.98	Not Lighted
	EN22597	Lista T20	Windmill	580938.3800N 0064209.4600E	125/426	42.00	Not Lighted
	EN22598	Lista T21	Windmill	580945.3900N 0064234.1600E	125/416	42.01	Oscillating red
	EN22599	Lista T22	Windmill	580942.6100N 0064302.8000E	125/411	42.00	Not Lighted
	EN22600	Lista T23	Windmill	580947.7900N 0064323.4600E	125/440	42.01	Not Lighted
	EN22601	Lista T24	Windmill	580925.8600N 0064241.7200E	125/425	41.98	Not Lighted
	EN22602	Lista T25	Windmill	580932.1700N 0064308.8000E	125/414	41.99	Not Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
	EN22603	Lista T26	Windmill	580930.6200N 0064332.5200E	125/402	41.99	Not Lighted
	EN22604	Lista T27	Windmill	580939.8700N 0064343.4300E	125/418	42.00	Oscillating red
	EN22605	Lista T28	Windmill	580917.9300N 0064322.8000E	125/374	41.97	Not Lighted
	EN22606	Lista T29	Windmill	580856.5200N 0064330.2900E	125/375	41.95	Oscillating red
	EN22607	Lista T30	Windmill	580904.4700N 0064349.9100E	125/399	41.96	Not Lighted
	EN22608	Lista T31	Windmill	580913.6900N 0064402.4800E	125/354	41.97	Oscillating red
	EN2282	Lyngdal	Tower	581134.1800N 0065557.8500E	156/656	42.19	Lighted
	EN2586	Lysefjord	Tower	585520.3300N 0060602.3000E	108/108	43.93	Fixed red
	EN7725	Lysefjord	Bridge	585520.3300N 0060602.3000E	108/108	43.93	Fixed red
	EN7726	Lysefjord	Bridge	585520.3300N 0060602.3000E	108/108	43.93	Fixed red
58N007E	EN20988	Returkraft	Stack	581050.8200N 0075558.9100E	105/136	40.95	Fixed red
58N008E	EN2285	Greipstad	Tower	581307.8600N 0075107.6200E	218/516	41.25	Lighted
	EN22989	Bjelkeberg	Wind Monitoring System	582446.4900N 0081459.3100E	100/410	41.31	Fixed red
	EN22990	Oddeheia	Wind Monitoring System	582651.2300N 0081700.9500E	100/450	41.38	Fixed red
	EN22991	Storehei	Wind Monitoring System	582606.6300N 0080933.6100E	100/460	41.55	Fixed red
	EN2468	Hovdefjell	Tower	584212.6200N 0083930.2100E	250/775	41.59	Oscillating White
	EN27763	Storehei 3	Wind Monitoring System	582703.2059N 0081156.2495E	120/508	41.55	Fixed red
	EN54445	Cosl Rigmor	Rig	580926.3385N 0080219.5088E	105/105	40.66	Fixed red
	EN13772	Grane	Petroleum System	590952.7600N 0022908.8300E	127/127	45.28	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
59N005E	EN15139	Not named - 63491	Electrical Transmission Line	591905.3800N 0052018.2000E	143/163	43.90	Not Lighted
	EN19163	Not named - 67942	Crane	593620.4904N 0054600.8070E	100/102	43.88	Not Lighted
	EN19261	Karsto 8	Stack	591615.4700N 0053114.4400E	100/104	43.63	Lighted
	EN19456	Bomlabrua V	Bridge	594412.1900N 0052219.6700E	104/105	44.09	Lighted
	EN19457	Bomlabrua M	Bridge	594412.1900N 0052219.6800E 594414.2700N 0052256.3600E	104/105 100/105	44.09 44.08	Lighted Lighted
	EN19458	Bomlabrua O	Bridge	594414.2600N 0052256.3400E	100/105	44.08	Lighted
	EN20016	Not named - 68747	Crane	594721.5400N 0054727.7300E	100/103	44.03	Fixed red
	EN20469	Hywind	Windmill	590825.1200N 0050146.5000E	110/110	44.17	Unknown
	EN22529	Midtfjellet vindpark B13	Windmill	595513.9100N 0052214.6900E	125/538	44.45	Not Lighted
	EN22530	Midtfjellet vindpark B17	Windmill	595529.5400N 0052142.9700E	125/492	44.45	Not Lighted
	EN22531	Midtfjellet vindpark B22	Windmill	595544.6500N 0052136.5000E	125/438	44.45	Not Lighted
	EN22532	Midtfjellet vindpark B18	Windmill	595528.1400N 0052209.3400E	125/534	44.45	Not Lighted
	EN22533	Midtfjellet vindpark B12	Windmill	595515.6100N 0052152.4900E	125/526	44.45	Oscillating red
	EN22534	Midtfjellet vindpark B14	Windmill	595511.3600N 0052246.9600E	125/564	44.45	Not Lighted
	EN22535	Midtfjellet vindpark B28	Windmill	595546.4300N 0052335.2400E	125/540	44.45	Oscillating red
	EN22536	Midtfjellet vindpark B15	Windmill	595514.8700N 0052317.8200E	125/610	44.46	Oscillating red
	EN22537	Midtfjellet vindpark B16	Windmill	595513.2200N 0052337.1000E	125/607	44.46	Not Lighted
	EN22538	Midtfjellet vindpark B11	Windmill	595501.5100N 0052326.5900E	125/604	44.46	Not Lighted
	EN22539	Midtfjellet vindpark B7	Windmill	595451.7300N 0052316.9900E	125/602	44.45	Oscillating red
	EN22540	Midtfjellet vindpark B27	Windmill	595530.8200N 0052340.5600E	125/557	44.46	Not Lighted
	EN22541	Midtfjellet vindpark B21	Windmill	595530.3300N 0052323.0800E	125/601	44.46	Not Lighted
	EN22542	Midtfjellet vindpark B20	Windmill	595526.6900N 0052301.1600E	125/598	44.46	Not Lighted
	EN22543	Midtfjellet vindpark B26	Windmill	595543.4500N 0052312.2400E	125/560	44.45	Not Lighted
	EN22544	Midtfjellet vindpark B42	Windmill	595644.7800N 0052242.3900E	125/541	44.43	Oscillating red
	EN22545	Midtfjellet vindpark B40	Windmill	595649.8000N 0052156.4500E	125/463	44.44	Not Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
	EN22546	Midtfjellet vindpark B45	Windmill	595700.8700N 0052213.0500E	125/463	44.43	Not Lighted
	EN22547	Midtfjellet vindpark B38	Windmill	595644.2500N 0052110.8200E	125/464	44.44	Not Lighted
	EN22548	Midtfjellet vindpark B43	Windmill	595659.2400N 0052054.8800E	125/469	44.45	Not Lighted
	EN22549	Midtfjellet vindpark B44	Windmill	595706.5200N 0052112.3300E	125/457	44.44	Not Lighted
	EN22563	Midtfjellet vindpark B10	Windmill	595459.3200N 0052243.0600E	125/531	44.45	Not Lighted
	EN22564	Midtfjellet vindpark B6	Windmill	595444.8300N 0052300.8300E	125/540	44.45	Not Lighted
	EN22565	Midtfjellet vindpark B25	Windmill	595541.0700N 0052247.1000E	125/560	44.45	Not Lighted
	EN22566	Midtfjellet vindpark B29	Windmill	595601.2800N 0052341.2700E	125/473	44.44	Oscillating red
	EN22567	Midtfjellet vindpark B30	Windmill	595612.4400N 0052350.4500E	125/463	44.44	Not Lighted
	EN22568	Midtfjellet vindpark B31	Windmill	595627.1100N 0052340.0300E	125/449	44.43	Oscillating red
	EN22985	Midtfjellet vindpark B1	Windmill	595401.0300N 0052243.0400E	125/500	44.44	Oscillating red
	EN22986	Midtfjellet vindpark B2	Windmill	595415.9500N 0052237.4400E	135/464	44.44	Not Lighted
	EN22987	Midtfjellet vindpark B5	Windmill	595439.7300N 0052211.3300E	135/438	44.44	Not Lighted
	EN22988	Midtfjellet vindpark B8	Windmill	595438.2600N 0052202.4200E	135/474	44.44	Not Lighted
	EN22992	Midtfjellet vindpark B9	Windmill	595456.2100N 0052222.3300E	135/473	44.45	Not Lighted
	EN22993	Midtfjellet vindpark B19	Windmill	595526.9500N 0052240.4400E	125/556	44.45	Not Lighted
	EN22994	Midtfjellet vindpark B23	Windmill	595545.6900N 0052202.8800E	125/490	44.45	Not Lighted
	EN22995	Midtfjellet vindpark B24	Windmill	595540.6100N 0052228.1700E	125/514	44.45	Not Lighted
	EN22996	Midtfjellet vindpark B32	Windmill	595629.0600N 0052107.0200E	135/426	44.45	Oscillating red
	EN22997	Midtfjellet vindpark B33	Windmill	595635.2700N 0052132.0700E	135/454	44.44	Not Lighted
	EN22998	Midtfjellet vindpark B34	Windmill	595636.0000N 0052148.9400E	135/453	44.44	Not Lighted
	EN22999	Midtfjellet vindpark B35	Windmill	595636.8200N 0052208.1300E	135/493	44.44	Not Lighted
	EN23000	Midtfjellet vindpark B36	Windmill	595628.3600N 0052232.7800E	135/500	44.44	Not Lighted
	EN23001	Midtfjellet vindpark B37	Windmill	595634.9800N 0052317.3900E	125/491	44.43	Not Lighted
	EN23002	Midtfjellet vindpark B39	Windmill	595652.4500N 0052130.8800E	125/479	44.44	Not Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
	EN23003	Midtfjellet vindpark B41	Windmill	595647.9800N 0052221.5500E	125/512	44.43	Not Lighted
	EN23004	Midtfjellet vindpark B46	Windmill	595714.6600N 0052039.4500E	125/372	44.44	Oscillating red
	EN2311	Bokn	Telemast	591312.4300N 0052541.5900E	168/454	43.77	Fixed red
	EN2312	Kvitsoy KB2	Telemast	590407.2300N 0052618.9000E	131/134	43.81	Fixed red
	EN2313	Kvitsoy KB1	Telemast	590403.7600N 0052622.0800E	131/134	43.81	Fixed red
	EN2315	Kvitsoy KB5	Telemast	590321.4300N 0052613.9100E	115/117	43.81	Fixed red
	EN2416	Karsto 2	Stack	591634.7800N 0052942.2500E	100/145	43.65	Lighted
	EN24245	Skjoldastraumen/Dalbygda	Wind Monitoring System	592610.3624N 0054013.6555E	120/485	43.66	Low intensity Type B
	EN2427	Stord	Tower	595226.4300N 0052938.9100E	140/852	44.31	Fixed red
	EN4334	Karsto 7	Stack	591618.5400N 0053115.4000E	100/104	43.63	Lighted
	EN4601	Bomlabrua 2	Tower	594414.2800N 0052256.3700E	100/105	44.08	Lighted
	EN4602	Bomlabrua 1	Tower	594412.1800N 0052219.6700E	104/105	44.09	Lighted
	EN51184	378 Havik - Karsto	Electrical Transmission Line	591855.7515N 0052005.7701E	143/156	43.91	Lighted
	EN51304	382 Sauda - Havik	Electrical Transmission Line	591900.7883N 0052009.7992E	147/152	43.91	Not Lighted
	EN7364	Storen	Crane	594543.3952N 0052919.0647E	119/122	44.00	Fixed red
	EN7365	Storen	Crane	594555.0049N 0052928.7560E	119/122	44.00	Fixed red
	EN7366	Storen	Crane	594553.1619N 0052937.4042E	119/122	44.00	Fixed red
	EN7367	Storen	Crane	594541.4572N 0052927.5425E	119/122	44.00	Fixed red
	EN7514	K-10000 -1	Crane	594520.8700N 0052924.7100E	138/141	43.99	Fixed red
	EN7515	K-10000 -2	Crane	594521.3800N 0052929.5000E	138/141	43.98	Fixed red
	EN7516	K-10000 -3	Crane	594521.7800N 0052934.1000E	138/141	43.98	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
59N009E	EN21729	Grenlandsbrua	Bridge	590316.2907N 0094030.5134E	166/166	40.72	Oscillating White
	EN2278	Kongsberg	Tower	594015.5800N 0093119.2400E	103/1003	41.29	Fixed red
	EN2483	Vealos	Tower	591409.4900N 0094157.7900E	163/660	40.90	Oscillating White
	EN2559	Not named - 3536	Tank	590719.3800N 0093708.5400E	113/117	40.78	Fixed red
	EN2562	Not named - 3539	Stack	590706.0800N 0093739.8100E	101/107	40.78	Fixed red
	EN2587	Grenlandsbrua/Frierfjord	Tower	590316.3140N 0094030.5287E	166/167	40.72	Oscillating White
59N010E	EN38084	335 Bamble-Porsgrunn	Electrical Transmission Line	590354.8794N 0093808.3366E	110/111	40.77	Lighted
	EN1435	Tryvann	Telemast	595906.0900N 0104012.8900E	209/724	39.56	Lighted
	EN1794	Brannfjell	Telemast	595315.1800N 0104733.6100E	105/295	39.19	Fixed red
	EN1897	Roverkollen	Tower	595847.5700N 0105345.9800E	117/518	39.00	Fixed red
	EN22023	Posthuset ostre tarn	Building	595442.2800N 0104517.4700E	113/118	39.25	Fixed red
	EN22024	Oslo Plaza	Building	595444.9800N 0104522.1400E	117/122	39.25	Unknown
59N011E	EN2339	Tryvannstarnet	Tower	595919.0700N 0104005.2300E	120/650	39.57	Fixed red
	EN1544	Vikjernas	Telemast	594217.1400N 0112145.4900E	100/428	37.63	Fixed red
	EN18666	Not named - 67337	Stack	591637.0600N 0110736.9000E	130/154	37.51	Fixed red
	EN2089	Halden	Telemast	591031.1100N 0112543.5200E	231/461	36.70	Fixed red
	EN22860	Not named - 71821	Wind Monitoring System	592759.7700N 0114502.1400E	120/358	36.24	Fixed red
	EN22861	Not named - 71822	Wind Monitoring System	592753.6497N 0114313.2304E	100/291	36.34	Fixed red
	EN2331	Not named - 3236	Building	590707.4500N 0111948.5500E	122/127	36.81	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
60N002E	EN13757	Oseberg A	Petroleum System	602928.8000N 0024932.2400E	158/158	45.65	Lighted
	EN13758	Oseberg C	Petroleum System	603628.1400N 0024626.0900E	120/120	45.75	Lighted
	EN13759	Oseberg B	Petroleum System	602934.1100N 0024935.6900E	159/159	45.65	Fixed red
	EN13760	Oseberg D	Petroleum System	602924.5100N 0024938.3000E	159/159	45.65	Fixed red
	EN13761	Oseberg Sor	Petroleum System	602322.7100N 0024743.0500E	128/128	45.66	Fixed red
	EN13762	Oseberg Ost	Petroleum System	604159.9300N 0025600.7200E	109/109	45.49	Fixed red
60N003E	EN13800	Veslefrikk	Petroleum System	604655.8900N 0025346.2000E	112/112	45.59	Fixed red
	EN13756	Brage	Petroleum System	603231.3300N 0030242.4900E	140/140	45.26	Lighted
	EN13773	Troll B	Petroleum System	604625.9300N 0033005.4100E	113/113	44.86	Fixed red
	EN13774	Troll C	Petroleum System	605308.9600N 0033635.1500E	140/140	44.99	Fixed red
	EN13799	Troll A	Petroleum System	603842.4700N 0034329.3900E	128/128	44.66	Fixed red
60N004E	EN3937	HT- fakkel	Tower	603248.2300N 0045020.6600E	103/141	44.91	Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
60N005E	EN18047	FL-2702/041	Stack	604837.5200N 0050116.7900E	109/129	45.35	Fixed red
	EN19725	Askoybrua	Bridge	602356.0922N 0051244.4184E 602330.8727N 0051305.8234E	152/152 152/169	44.83 44.83	Oscillating red Oscillating red
	EN19729	Sotra bru	Bridge	602221.1162N 0051010.6583E 602221.3200N 0050940.0700E	104/104 102/104	44.79 44.79	Fixed red Fixed red
	EN2449	Askoy bru	Tower	602356.1134N 0051244.3527E	152/152	44.83	Oscillating red
	EN2450	Sotra bru 1	Tower	602221.1162N 0051010.6583E	104/104	44.79	Fixed red
	EN2452	Rundenanen	Telemast	602447.8100N 0052159.5500E	111/676	45.02	Fixed red
	EN2581	Askoy bru 1	Tower	602330.8727N 0051305.8234E	152/169	44.83	Oscillating red
	EN2582	Sotra bru 2	Tower	602221.3200N 0050940.0700E	102/104	44.79	Fixed red
	EN2583	Kvisti bru N	Tower	602543.0900N 0053204.5100E	114/123	45.13	Lighted
	EN2584	Kvisti bru S	Tower	602524.5700N 0053215.0000E	113/121	45.13	Lighted
	EN7428	Kvisti bru	Bridge	602543.0500N 0053204.1200E 602524.5400N 0053214.6200E	114/120 113/120	45.13 45.13	Lighted Lighted
	EN7523	Not named - 55427	Stack	604827.6100N 0050147.5400E	103/121	45.35	Fixed red
	EN7539	Not named - 55502	Tower	604829.9700N 0050112.8700E	130/149	45.35	Fixed red
	EN7541	Not named - 55504	Stack	604836.9400N 0050153.9900E	103/121	45.35	Fixed red
60N006E	EN21979	Hardangerbrua	Bridge	602900.9550N 0064926.6706E 602824.7137N 0065010.9690E	194/203 201/203	45.37 45.34	High intensity Type A High intensity Type A
60N009E	EN3906	Bagn	Tower	604831.0300N 0093657.2100E	140/1026	41.22	Fixed red
60N010E	EN2738	Bangsberget	Telemast	605044.6000N 0105345.8500E	108/594	38.30	Fixed red
60N011E	EN23125	Engerfjellet 1	Wind Monitoring System	602452.7267N 0112322.0580E	100/615	37.65	Fixed red
	EN23126	Songkjolen 1	Wind Monitoring System	602122.2900N 0112913.1200E	120/623	37.40	Fixed white
	EN23127	Songkjolen 2	Wind Monitoring System	601938.7876N 0113225.1977E	100/579	37.25	Fixed red
	EN2347	Kongsvinger	Telemast	601003.4900N 0115939.8500E	163/556	35.85	Fixed red
	EN3861	Nordhue	Tower	605938.7800N 0112017.9800E	182/952	37.58	Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
61N001E	EN13795	Statfjord A	Petroleum System	611518.6400N 0015107.6600E	118/118	47.04	Fixed red
	EN13796	Statfjord B	Petroleum System	611223.0500N 0014944.0100E	142/142	47.05	Fixed red
	EN13797	Statfjord C	Petroleum System	611745.8800N 0015402.8800E	135/135	47.02	Fixed red
61N002E	EN13781	Gullfaks A	Petroleum System	611032.1600N 0021114.7000E	129/129	46.90	Fixed red
	EN13784	Gullfaks B	Petroleum System	611208.6800N 0021158.4300E	140/140	46.89	Fixed red
	EN13785	Gullfaks C	Petroleum System	611251.9900N 0021619.6900E	142/142	46.82	Fixed red
	EN13788	Kviteseid	Petroleum System	610447.1800N 0022952.8100E	139/139	46.50	Fixed red
	EN13793	Snorre A	Petroleum System	612655.8100N 0020829.9600E	114/114	46.83	Fixed red
	EN13794	Snorre B	Petroleum System	613129.8200N 0021235.1000E	135/135	46.80	Fixed red
	EN13801	Visund	Petroleum System	612210.7800N 0022725.8300E	143/143	46.65	Fixed red
	EN3879	Bremanger	Tower	615231.1200N 0045923.2300E	148/787	45.58	Lighted
61N004E	EN3920	Værlandet LORAN-C	Telemast	611749.3600N 0044146.5900E	220/229	45.91	Lighted
61N005E	EN3908	Gulen	Tower	610203.6000N 0050915.5800E	107/827	45.86	Lighted
	EN52804	Dalsfjordbrua	Bridge	612223.4945N 0052403.9116E	101/102	46.45	Low intensity Type A
61N007E	EN3910	Storehaugfjellet	Tower	611023.4100N 0070712.9100E	124/1293	45.93	Oscillating White
61N012E	EN31707	Bubergat/Kjølberget	Wind Monitoring System	610039.9834N 0121152.7720E	120/748	35.58	Low intensity Type B
62N005E	EN21010	Molle 2-1	Windmill	620051.6900N 0050148.7200E	100/411	45.31	Oscillating red
	EN21011	Molle 2-2	Windmill	620056.8300N 0050138.6000E	100/414	45.30	Not Lighted
	EN21012	Molle 2-3	Windmill	620059.0500N 0050123.6700E	100/406	45.30	Oscillating red
	EN21013	Molle 2-4	Windmill	620059.0000N 0050108.2600E	100/404	45.30	Not Lighted
	EN21014	Molle 2-5	Windmill	620058.8300N 0050049.6200E	100/421	45.30	Not Lighted
	EN21015	Molle 2-6	Windmill	620100.5200N 0050032.6400E	100/437	45.30	Not Lighted
	EN21016	Molle 2-7	Windmill	620046.9900N 0050111.6900E	100/425	45.31	Oscillating red
	EN21017	Molle 2-8	Windmill	620045.8100N 0050054.5700E	100/426	45.31	Not Lighted
	EN3963	Kjerringa KIN	Telemast	621133.7300N 0050725.0200E	140/577	45.12	Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
62N006E	EN4016	Gamlemsveten	Tower	623429.7100N 0061905.9800E	154/941	44.72	Fixed red
	EN4028	Gossen LF	Telemast	624708.9700N 0065405.0100E	200/245	44.71	Oscillating White
62N007E	EN4031	Gjemnessundbrua	Tower	625824.5800N 0074658.1000E	108/108	44.02	Oscillating White
	EN4032	Gjemnessundbrua	Tower	625808.0300N 0074632.5700E	108/108	44.03	Oscillating White
	EN4033	Reinsfjell	Tower	625550.0600N 0075537.1600E	103/1096	43.94	Fixed red
	EN7396	Gjemnessundbrua	Bridge	625807.6800N 0074632.2600E 625824.5800N 0074658.1100E	108/108 108/108	44.03 44.02	Fixed red Fixed red
62N010E	EN3370	Berkak 2	Telemast	625008.4700N 0100312.4300E	136/729	42.15	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
63N007E	EN14253	Smola Vindpark 21	Windmill	632453.6500N 0075218.1000E	108/128	43.70	Fixed red
	EN14254	Smola Vindpark 22	Windmill	632444.4500N 0075236.7200E	108/133	43.70	Not Lighted
	EN14255	Smola Vindpark 23	Windmill	632434.8500N 0075233.8600E	108/133	43.70	Not Lighted
	EN14256	Smola Vindpark 24	Windmill	632421.0389N 0075225.2156E	108/141	43.71	Fixed red
	EN14257	Smola Vindpark 25	Windmill	632412.8700N 0075229.7200E	108/133	43.71	Not Lighted
	EN14258	Smola Vindpark 26	Windmill	632409.3400N 0075253.0500E	108/148	43.71	Not Lighted
	EN14259	Smola Vindpark 27	Windmill	632400.8500N 0075255.5000E	108/138	43.71	Fixed red
	EN14260	SMOLA VINDPARK 28	Windmill	632352.7500N 0075316.4600E	108/143	43.70	Not Lighted
	EN14261	Smola Vindpark 29	Windmill	632337.5500N 0075318.6000E	108/138	43.71	Not Lighted
	EN14262	SMOLA VINDPARK 30	Windmill	632326.4400N 0075328.2300E	108/134	43.71	Fixed red
	EN14263	Smola Vindpark 31	Windmill	632447.3900N 0075331.0700E	108/123	43.68	Not Lighted
	EN14264	Smola Vindpark 32	Windmill	632439.6900N 0075338.9200E	108/138	43.68	Not Lighted
	EN14265	Smola Vindpark 33	Windmill	632428.8800N 0075349.1900E	108/133	43.68	Not Lighted
	EN14266	Smola Vindpark 34	Windmill	632421.9200N 0075346.0700E	108/128	43.69	Not Lighted
	EN14267	Smola Vindpark 35	Windmill	632412.3000N 0075347.6000E	108/138	43.69	Not Lighted
	EN14268	Smola Vindpark 36	Windmill	632404.5800N 0075404.3000E	108/134	43.69	Not Lighted
	EN14269	Smola Vindpark 37	Windmill	632354.2800N 0075416.2200E	108/138	43.69	Not Lighted
	EN14270	Smola Vindpark 38	Windmill	632343.9400N 0075414.3000E	108/137	43.69	Not Lighted
	EN14271	Smola Vindpark 39	Windmill	632337.0700N 0075426.9500E	108/133	43.69	Fixed red
	EN14272	Smola Vindpark 40	Windmill	632454.7700N 0075319.0500E	108/123	43.68	Not Lighted
	EN14273	Smola Vindpark 41	Windmill	632504.6400N 0075313.4800E	108/138	43.68	Fixed red
	EN14274	Smola Vindpark 42	Windmill	632507.7000N 0075410.0100E	108/118	43.66	Fixed red
	EN14275	Smola Vindpark 43	Windmill	632457.5000N 0075410.4700E	108/128	43.66	Not Lighted
	EN14276	Smola Vindpark 44	Windmill	632449.1100N 0075421.1300E	108/124	43.66	Not Lighted
	EN14277	Smola Vindpark 45	Windmill	632439.2000N 0075434.3400E	108/128	43.66	Not Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
	EN14278	Smola Vindpark 46	Windmill	632428.4600N 0075447.1300E	108/143	43.66	Not Lighted
	EN14279	Smola Vindpark 47	Windmill	632418.4300N 0075450.6800E	108/133	43.67	Not Lighted
	EN14280	Smola Vindpark 48	Windmill	632412.3600N 0075503.0300E	108/134	43.66	Not Lighted
	EN14281	Smola Vindpark 49	Windmill	632403.1800N 0075459.0000E	108/138	43.67	Not Lighted
	EN14282	Smola Vindpark 50	Windmill	632354.7300N 0075502.4500E	108/135	43.67	Not Lighted
	EN14283	Smola Vindpark 51	Windmill	632344.9300N 0075509.1700E	108/133	43.67	Not Lighted
	EN14284	Smola Vindpark 52	Windmill	632336.9100N 0075506.3500E	108/133	43.68	Not Lighted
	EN14285	Smola Vindpark 53	Windmill	632328.3700N 0075512.2500E	108/133	43.68	Fixed red
	EN14286	Smola Vindpark 54	Windmill	632317.9500N 0075526.7500E	108/128	43.68	Not Lighted
	EN14287	Smola Vindpark 55	Windmill	632309.4600N 0075545.6000E	108/123	43.67	Fixed red
	EN14288	Smola Vindpark 56	Windmill	632301.9300N 0075555.7300E	108/123	43.67	Not Lighted
	EN14289	Smola Vindpark 57	Windmill	632255.6200N 0075611.9600E	108/123	43.67	Fixed red
	EN14290	Smola Vindpark 58	Windmill	632328.8400N 0075647.0800E	108/129	43.65	Not Lighted
	EN14291	Smola Vindpark 59	Windmill	632319.8900N 0075647.7900E	108/127	43.65	Fixed red
	EN14292	Smola Vindpark 60	Windmill	632530.5600N 0075655.4400E	108/128	43.60	Fixed red
	EN14293	Smola Vindpark 61	Windmill	632522.6300N 0075702.8400E	108/123	43.60	Not Lighted
	EN14294	Smola Vindpark 62	Windmill	632512.9100N 0075701.9800E	108/123	43.60	Not Lighted
	EN14295	Smola Vindpark 63	Windmill	632506.7500N 0075717.2100E	108/124	43.60	Fixed red
	EN14296	Smola Vindpark 64	Windmill	632458.8000N 0075733.7600E	108/128	43.60	Not Lighted
	EN14297	Smola Vindpark 65	Windmill	632448.2000N 0075743.8700E	108/128	43.60	Fixed red
	EN14298	Smola Vindpark 66	Windmill	632434.9500N 0075739.6000E	108/133	43.60	Not Lighted
	EN14299	Smola Vindpark 67	Windmill	632426.2600N 0075739.8700E	108/128	43.61	Not Lighted
	EN14300	Smola Vindpark 68	Windmill	632416.7700N 0075741.8100E	108/133	43.61	Fixed red
	EN23019	Luftrensepipe	Stack	630323.1100N 0073920.7000E	150/153	44.16	Fixed red
	EN32887	Not named - 77421	Wind Monitoring System	632417.2441N 0075154.8213E	140/161	43.72	Medium intensity Type B

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
	EN38264	Meteorologimast Haugoya	Telemast	632911.3479N 0075931.5285E	120/125	43.47	Unknown
	EN7789	Smola Vindpark 1	Windmill	632510.9300N 0075508.0500E	108/119	43.64	Fixed red
	EN7790	Smola Vindpark 2	Windmill	632502.9400N 0075511.1300E	108/129	43.64	Not Lighted
	EN7791	Smola Vindpark 3	Windmill	632453.3200N 0075516.3300E	108/129	43.64	Not Lighted
	EN7792	Smola Vindpark 4	Windmill	632442.1500N 0075516.0200E	108/130	43.65	Fixed red
	EN7793	Smola Vindpark 5	Windmill	632434.2400N 0075521.2000E	108/142	43.65	Not Lighted
	EN7794	Smola Vindpark 6	Windmill	632427.0000N 0075536.3100E	108/138	43.65	Not Lighted
	EN7795	Smola Vindpark 7	Windmill	632419.7400N 0075550.1500E	108/136	43.65	Fixed red
	EN7796	Smola Vindpark 8	Windmill	632412.8200N 0075600.3100E	108/136	43.65	Not Lighted
	EN7797	Smola Vindpark 9	Windmill	632406.3400N 0075613.8900E	108/136	43.64	Not Lighted
	EN7798	Smola Vindpark 10	Windmill	632357.8600N 0075619.7800E	108/132	43.64	Fixed red
	EN7799	Smola Vindpark 11	Windmill	632352.9900N 0075635.6600E	108/140	43.64	Not Lighted
	EN7800	Smola Vindpark 12	Windmill	632344.9400N 0075633.6000E	108/128	43.64	Not Lighted
	EN7801	Smola Vindpark 13	Windmill	632336.8000N 0075638.0200E	108/128	43.65	Fixed red
	EN7802	Smola Vindpark 14	Windmill	632517.7300N 0075602.4400E	108/125	43.62	Fixed red
	EN7803	Smola Vindpark 15	Windmill	632506.5400N 0075607.5200E	108/122	43.62	Not Lighted
	EN7804	Smola Vindpark 16	Windmill	632458.7500N 0075614.0500E	108/125	43.62	Not Lighted
	EN7805	Smola Vindpark 17	Windmill	632453.8500N 0075629.8700E	108/125	43.62	Fixed red
	EN7806	Smola Vindpark 18	Windmill	632446.5400N 0075637.3700E	108/131	43.62	Not Lighted
	EN7807	Smola Vindpark 19	Windmill	632441.4800N 0075651.4800E	108/137	43.62	Not Lighted
	EN7808	Smola Vindpark 20	Windmill	632436.0800N 0075702.6900E	108/132	43.62	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
63N008E	EN13038	Hitra windfarm	Windmill	633122.4800N 0084828.2100E	112/387	42.24	Fixed red
	EN13039	Hitra windfarm	Windmill	633110.1500N 0084814.7700E	112/402	42.25	Not Lighted
	EN13040	Hitra windfarm	Windmill	633058.9300N 0084828.8800E	112/402	42.24	Not Lighted
	EN13041	Hitra windfarm	Windmill	633051.0800N 0084830.0200E	112/407	42.24	Fixed red
	EN13042	Hitra windfarm	Windmill	633036.5000N 0084825.7800E	112/387	42.24	Not Lighted
	EN13043	Hitra windfarm	Windmill	633026.3900N 0084827.0000E	112/407	42.24	Fixed red
	EN13044	Hitra windfarm	Windmill	633022.3100N 0084730.3200E	112/387	42.28	Fixed red
	EN13045	Hitra windfarm	Windmill	633029.5100N 0084727.4500E	112/396	42.28	Not Lighted
	EN13046	Hitra windfarm	Windmill	633044.9500N 0084725.3800E	112/392	42.27	Not Lighted
	EN13047	Hitra windfarm	Windmill	633042.0000N 0084638.0200E	112/369	42.30	Fixed red
	EN13048	Hitra windfarm	Windmill	633049.8900N 0084621.2500E	112/397	42.30	Not Lighted
	EN13049	Hitra windfarm	Windmill	633056.8900N 0084617.3600E	112/393	42.30	Not Lighted
	EN13050	Hitra windfarm	Windmill	633110.8300N 0084624.9200E	112/407	42.30	Fixed red
	EN13051	Hitra windfarm	Windmill	633130.0400N 0084656.6100E	112/388	42.28	Not Lighted
	EN13052	Hitra windfarm	Windmill	633133.3800N 0084645.1500E	112/388	42.28	Not Lighted
	EN13053	Hitra windfarm	Windmill	633147.2300N 0084720.5800E	112/385	42.26	Fixed red
	EN13054	Hitra windfarm	Windmill	633150.2800N 0084703.9100E	112/382	42.27	Not Lighted
	EN13055	Hitra windfarm	Windmill	633205.8600N 0084652.0600E	112/418	42.26	Not Lighted
	EN13056	Hitra windfarm	Windmill	633204.2100N 0084626.2300E	112/413	42.28	Not Lighted
	EN13057	Hitra windfarm	Windmill	633207.4400N 0084604.4100E	112/412	42.28	Fixed red
	EN13058	Hitra windfarm	Windmill	633219.9400N 0084707.0900E	112/383	42.25	Fixed red
	EN13059	Hitra windfarm	Windmill	633229.0500N 0084642.9800E	112/399	42.26	Not Lighted
	EN13060	Hitra windfarm	Windmill	633240.1000N 0084626.4500E	112/397	42.26	Not Lighted
	EN13061	Hitra windfarm	Windmill	633250.7000N 0084624.2000E	112/402	42.25	Fixed red
	EN25184	Eldsfillet	Wind Monitoring System	633227.4469N 0084551.5547E	120/411	42.28	Medium intensity Type C

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
63N009E	EN17255	Valneset 1	Windmill	634922.8600N 0093751.6200E	100/106	40.88	Fixed red
	EN17256	Valneset 2	Windmill	634919.7300N 0093732.1300E	100/104	40.89	Fixed red
	EN17257	Valneset 3	Windmill	634913.8700N 0093753.8100E	100/109	40.88	Fixed red
	EN17258	Valneset 4	Windmill	634903.8200N 0093748.0900E	100/104	40.88	Fixed red
	EN17259	Valneset 5	Windmill	634908.3100N 0093722.9200E	100/105	40.89	Fixed red
63N010E	EN22611	Blaaster DL100	Windmill	634854.5000N 0093712.1200E	144/146	40.89	Fixed red
	EN4126	Kopparen	Telemast	634823.8700N 0094418.3500E	102/578	40.83	Lighted
	EN3459	Tyholtarnet	Tower	632520.5400N 0102555.7700E	125/237	39.50	Fixed red
	EN4055	Melhus	Telemast	631539.6400N 0102127.1100E	107/816	40.30	Unknown
	EN4155	Mosvik	Telemast	634619.0800N 0105704.2400E	164/565	38.50	Lighted
	EN7165	Melhus 2	Telemast	631539.3500N 0102127.2400E	200/909	40.30	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
63N011E	EN18953	Not named - 67666	Crane	634745.1500N 0112555.2300E	190/194	37.19	Not Lighted
	EN18954	Not named - 67667	Crane	634744.7200N 0112620.8000E	190/194	37.17	Not Lighted
	EN18955	Not named - 67668	Crane	634744.3300N 0112642.6800E	190/194	37.16	Not Lighted
	EN18956	Not named - 67669	Crane	634738.4000N 0112612.9500E	190/194	37.18	Not Lighted
	EN18957	Not named - 67670	Crane	634732.5200N 0112557.0400E	190/194	37.20	Not Lighted
	EN18958	Not named - 67671	Crane	634722.9700N 0112607.9300E	190/194	37.19	Not Lighted
	EN18959	Not named - 67672	Crane	634715.3300N 0112600.0000E	190/194	37.20	Not Lighted
	EN18960	Not named - 67673	Crane	634715.6100N 0112621.9300E	190/194	37.19	Not Lighted
	EN18961	Not named - 67674	Crane	634707.1700N 0112643.1300E	190/194	37.18	Not Lighted
	EN18962	Not named - 67675	Crane	634721.3700N 0112644.3200E	190/194	37.17	Not Lighted
	EN18963	Not named - 67676	Crane	634733.0500N 0112641.6800E	190/194	37.17	Not Lighted
	EN18964	Not named - 67677	Crane	634712.8800N 0112650.1900E	190/194	37.17	Not Lighted
	EN21479	Skamsundet 2	Bridge	635032.4000N 0110417.1300E	152/152	38.23	Fixed red
	EN21480	Skamsundet 3	Bridge	635040.4000N 0110451.5100E	152/152	38.20	Fixed red
	EN24744	MM1 Sognavola	Wind Monitoring System	634305.1425N 0115729.0484E	100/765	36.71	Fixed red
	EN4127	Skamsund bru 1	Tower	635032.3800N 0110417.1700E	152/152	38.23	Fixed red
64N006E	EN4176	Skamsund bru 2	Tower	635040.3800N 0110451.4700E	152/152	38.20	Fixed red
	EN7392	Skamsundet 1	Bridge	635032.3900N 0110417.1500E 635040.3900N 0110451.5100E	152/152 152/152	38.23 38.20	Fixed red Fixed red
64N007E	EN15034	Kristin	Petroleum System	645938.6400N 0063301.8500E	135/135	41.88	Fixed red
	EN13775	Njord A	Petroleum System	641614.4900N 0071159.2700E	122/122	42.09	Fixed red
	EN14548	Draugen	Petroleum System	642117.1300N 0074656.9000E	109/109	41.21	Fixed red
	EN14549	Draugen Lasteboye	Petroleum System	642054.9200N 0075026.0700E	105/105	41.16	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
64N010E	EN18461	Bessakerfjellet vindmollepark	Windmill	641348.8300N 0102251.0700E	100/451	40.50	Not Lighted
	EN18462	Bessakerfjellet vindmollepark	Windmill	641348.2200N 0102234.8500E	100/471	40.50	Fixed red
	EN18463	Bessakerfjellet vindmollepark	Windmill	641350.9800N 0102218.6400E	100/463	40.49	Not Lighted
	EN18464	Bessakerfjellet vindmollepark	Windmill	641356.6600N 0102251.2200E	100/426	40.49	Fixed red
	EN18465	Bessakerfjellet vindmollepark	Windmill	641406.4500N 0102216.3000E	100/404	40.48	Fixed red
	EN18466	Bessakerfjellet vindmollepark	Windmill	641401.3500N 0102152.9400E	100/402	40.49	Not Lighted
	EN18467	Bessakerfjellet vindmollepark	Windmill	641359.3300N 0102133.0800E	100/382	40.49	Fixed red
	EN18468	Bessakerfjellet vindmollepark	Windmill	641319.3400N 0102220.1300E	100/484	40.51	Fixed red
	EN18469	Bessakerfjellet vindmollepark	Windmill	641322.5700N 0102200.2800E	100/465	40.51	Not Lighted
	EN18470	Bessakerfjellet vindmollepark	Windmill	641325.2700N 0102140.8400E	100/425	40.51	Not Lighted
	EN18471	Bessakerfjellet vindmollepark	Windmill	641339.9700N 0102122.5400E	100/405	40.50	Fixed red
	EN18472	Bessakerfjellet vindmollepark	Windmill	641343.3700N 0102136.6100E	100/407	40.50	Not Lighted
	EN19116	Bessakerfjellet vindmollepark	Windmill	641324.1600N 0102039.1400E	100/350	40.51	Fixed red
	EN19117	Bessakerfjellet vindmollepark	Windmill	641323.6000N 0102104.0000E	100/390	40.51	Not Lighted
	EN19118	Bessakerfjellet vindmollepark	Windmill	641313.9800N 0102127.6700E	100/421	40.51	Fixed red
	EN19119	Bessakerfjellet vindmollepark	Windmill	641309.8900N 0102144.1900E	100/440	40.51	Fixed red
	EN19120	Bessakerfjellet vindmollepark	Windmill	641302.7400N 0102155.6800E	100/425	40.51	Fixed red
	EN19121	Bessakerfjellet vindmollepark	Windmill	641255.0600N 0102233.2800E	100/443	40.52	Not Lighted
	EN19122	Bessakerfjellet vindmollepark	Windmill	641250.2700N 0102245.2000E	100/450	40.52	Not Lighted
	EN19123	Bessakerfjellet vindmollepark	Windmill	641245.4300N 0102257.4300E	100/433	40.52	Fixed red
	EN19124	Bessakerfjellet vindmollepark	Windmill	641246.8400N 0102312.3400E	100/433	40.52	Not Lighted
	EN19125	Bessakerfjellet vindmollepark	Windmill	641256.4300N 0102258.4700E	100/455	40.52	Not Lighted
	EN19126	Bessakerfjellet vindmollepark	Windmill	641306.6400N 0102255.5400E	100/471	40.51	Fixed red
	EN19127	Bessakerfjellet vindmollepark	Windmill	641306.5500N 0102231.9800E	100/472	40.51	Not Lighted
	EN19128	Bessakerfjellet vindmollepark	Windmill	641317.8100N 0102245.0800E	100/477	40.51	Not Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
	EN22664	Ytre Vikna vindpark turbin 1	Windmill	645402.4700N 0105330.8100E	110/190	39.38	Fixed red
	EN22665	Ytre Vikna vindpark turbin 2	Windmill	645410.9900N 0105339.0200E	110/206	39.37	Fixed red
	EN22666	Ytre Vikna vindpark turbin 3	Windmill	645413.6900N 0105403.1100E	110/224	39.36	Fixed red
	EN22667	Ytre Vikna vindpark turbin 4	Windmill	645418.3600N 0105429.1600E	100/253	39.35	Fixed red
	EN22668	Ytre Vikna vindpark turbin 5	Windmill	645425.0000N 0105405.8100E	100/232	39.36	Fixed red
	EN22669	Ytre Vikna vindpark turbin 6	Windmill	645430.0600N 0105428.9200E	100/242	39.35	Fixed red
	EN22670	Ytre Vikna vindpark turbin 7	Windmill	645438.5900N 0105437.1400E	100/238	39.35	Fixed red
	EN22671	Ytre Vikna vindpark turbin 8	Windmill	645441.7900N 0105504.4700E	100/218	39.33	Fixed red
	EN22672	Ytre Vikna vindpark turbin 9	Windmill	645429.1100N 0105502.5700E	100/226	39.33	Fixed red
	EN22673	Ytre Vikna vindpark turbin 10	Windmill	645422.5300N 0105447.2600E	100/248	39.34	Fixed red
	EN22674	Ytre Vikna vindpark turbin 11	Windmill	645354.1800N 0105308.8500E	110/190	39.39	Fixed red
	EN22675	Ytre Vikna vindpark turbin 12	Windmill	645402.5700N 0105309.7400E	110/197	39.39	Fixed red
	EN22676	Ytre Vikna vindpark turbin 13	Windmill	645358.8700N 0105240.7300E	110/199	39.40	Fixed red
	EN22677	Ytre Vikna vindpark turbin 14	Windmill	645356.6100N 0105220.1000E	100/196	39.41	Fixed red
	EN22678	Ytre Vikna vindpark turbin 15	Windmill	645354.3300N 0105157.8000E	110/176	39.42	Fixed red
	EN22679	Ytre Vikna vindpark turbin 16	Windmill	645406.0700N 0105230.7300E	100/201	39.40	Fixed red
	EN22680	Ytre Vikna vindpark turbin 17	Windmill	645408.0400N 0105210.2400E	110/191	39.41	Fixed red
	EN36409	E1	Wind Monitoring System	641301.5779N 0102448.2965E	150/450	40.51	Fixed red
	EN36410	E2	Wind Monitoring System	641302.3815N 0102505.4017E	150/460	40.51	Fixed red
	EN36411	E3	Wind Monitoring System	641253.6710N 0102509.2762E	150/453	40.51	Fixed red
	EN36412	E4	Wind Monitoring System	641244.4472N 0102508.6045E	150/459	40.51	Fixed red
	EN4132	Gjeltheia	Telemast	641540.4700N 0103159.3200E	112/630	40.38	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
64N011E	EN16249	Hundhammarfjellet M6	Windmill	644513.5800N 0112150.7700E	130/336	38.46	Fixed red
	EN16250	Hundhammarfjellet M7	Windmill	644514.0700N 0112210.7500E	130/343	38.45	Fixed red
	EN18080	Hundhammarfjellet M1	Windmill	644505.7900N 0112024.2000E	100/280	38.50	Fixed red
	EN18807	Hundhammarfjellet M3	Windmill	644516.3100N 0112048.9600E	130/277	38.49	Fixed red
	EN18808	Hundhammarfjellet M8	Windmill	644520.6400N 0112225.8500E	130/359	38.44	Fixed red
	EN18809	Hundhammarfjellet M9	Windmill	644525.9700N 0112239.5300E	130/364	38.43	Fixed red
	EN18810	Hundhammarfjellet M10	Windmill	644531.5900N 0112255.5900E	130/342	38.42	Fixed red
	EN18811	Hundhammarfjellet M12	Windmill	644540.8100N 0112326.3700E	130/322	38.41	Fixed red
	EN18812	Hundhammarfjellet M13	Windmill	644544.0200N 0112346.5200E	130/323	38.40	Fixed red
	EN18813	Hundhammarfjellet M14	Windmill	644548.3900N 0112359.5000E	130/311	38.39	Fixed red
	EN18814	Hundhammarfjellet M17	Windmill	644536.7500N 0112212.2300E	130/308	38.45	Fixed red
	EN19096	Hundhammarfjellet M11	Windmill	644535.1000N 0112316.8400E	130/329	38.41	Fixed red
	EN19114	Hundhammarfjellet M15	Windmill	644522.1900N 0112200.1700E	130/337	38.45	Fixed red
	EN19115	Hundhammarfjellet M16	Windmill	644529.0800N 0112215.6600E	130/343	38.44	Fixed red
	EN20800	Hundhammarfjellet Ny M5	Windmill	644513.0100N 0112133.4500E	100/291	38.47	Fixed red
	EN3685	Falkhetta	Telemast	645245.7800N 0111332.7000E	101/246	38.77	Fixed red
64N012E	EN4143	Hundhammarfjellet M2	Windmill	644509.8300N 0112034.9300E	100/281	38.50	Fixed red
	EN8027	Hundhammarfjellet M4	Windmill	644512.7400N 0112114.7500E	130/309	38.48	Fixed red
64N012E	EN4133	Grong	Tower	642452.7200N 0121245.2800E	131/1003	36.36	Lighted
65N006E	EN13777	Asgard A	Petroleum System	650350.9200N 0064332.4800E	103/103	41.64	Fixed red
	EN13778	Asgard B	Petroleum System	650636.3700N 0064721.9500E	141/141	41.60	Fixed red
65N007E	EN13786	Heidrun	Petroleum System	651932.0800N 0071856.7000E	164/164	41.31	Fixed red
	EN22011	Skarv FPSO	Petroleum System	654151.1500N 0073857.5800E	150/150	41.67	Not Lighted
65N011E	EN549	Vega	Tower	653925.4900N 0114942.5600E	120/852	37.59	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
66N012E	EN456	Helgelandssbrua 1	Tower	660223.5700N 0124309.2600E	138/138	35.35	Fixed red
	EN502	Helgelandssbrua 2	Tower	660210.1300N 0124316.3400E	128/128	35.35	Fixed red
	EN6247	Helgelandssbrua	Bridge	660223.6100N 0124309.1800E 660210.1500N 0124316.2200E	138/138 128/128	35.35 35.35	Fixed red Fixed red
	EN6248	Helgelandssbrua	Bridge	660210.1500N 0124316.2200E	128/128	35.35	Fixed red
	EN6249	Helgelandssbrua	Bridge	660223.6100N 0124309.3100E	138/138	35.35	Fixed red
66N013E	EN21066	Not named - 69873	Wind Monitoring System	665839.6700N 0135253.5600E	120/274	32.87	Unknown
	EN693	Hemnes	Tower	661231.4200N 0134422.4200E	109/805	33.77	Fixed red
	EN7919	Not named - 55839	Wind Monitoring System	665903.4400N 0135221.6800E	120/143	32.85	Unknown
	EN452	Mofjell Decca	Telemast	661725.7100N 0140853.9300E	138/606	33.36	Lighted
	EN467	Steigen	Tower	674954.9500N 0150024.8800E	109/911	31.18	Lighted
67N015E	EN490	Salten	Telemast	671026.2200N 0150138.8800E	113/911	30.54	Lighted
	EN919	Kvalnes kystradio	Telemast	682034.4900N 0135653.0500E	152/197	37.28	Fixed red
68N014E	EN765	Bo/Vesteralen-Loran C	Telemast	683806.1600N 0142747.3600E	192/204	36.86	Oscillating red
	EN897	Hadsel	Tower	683238.4390N 0145206.7949E	107/609	35.76	Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
68N017E	EN15084	Nygard Vindpark 1	Windmill	683039.3800N 0175156.1900E	127/549	31.46	Fixed red
	EN15085	Nygard Vindpark 2	Windmill	683031.4500N 0175151.3900E	127/562	31.45	Fixed red
	EN15086	Nygard Vindpark 3	Windmill	683022.0400N 0175155.5700E	127/562	31.44	Fixed red
	EN22000	Nygard Vindpark 4	Windmill	683048.8400N 0175225.4900E	127/542	31.47	Fixed red
	EN22001	Nygard Vindpark 5	Windmill	683038.4700N 0175232.8100E	127/519	31.47	Fixed red
	EN22002	Nygard Vindpark 6	Windmill	683027.9100N 0175235.0200E	127/527	31.46	Fixed red
	EN22003	Nygard Vindpark 7	Windmill	683017.9000N 0175230.4400E	127/549	31.45	Fixed red
	EN22004	Nygard Vindpark 8	Windmill	683004.3300N 0175216.3200E	127/580	31.43	Fixed red
	EN22005	Nygard Vindpark 9	Windmill	683011.3300N 0175207.7000E	127/572	31.44	Fixed red
	EN22006	Nygard Vindpark 10	Windmill	683008.3800N 0175305.8600E	127/539	31.45	Fixed red
	EN22007	Nygard Vindpark 11	Windmill	683015.9800N 0175318.6900E	127/557	31.46	Fixed red
	EN22008	Nygard Vindpark 12	Windmill	683025.7900N 0175327.8700E	127/542	31.47	Fixed red
	EN22009	Nygard Vindpark 13	Windmill	683035.3500N 0175335.2300E	127/532	31.48	Fixed red
	EN22010	Nygard Vindpark 14	Windmill	683045.2400N 0175346.5700E	127/512	31.49	Fixed red
69N016E	EN34306	E6 Halogalandsbrua	Bridge	682716.4468N 0172853.3169E 682753.3677N 0172855.2571E	180/180,1 174/174,1	31.15 31.14	Low intensity Type B Low intensity Type B
	EN39185	Andmyran Vindpark	Wind Monitoring System	691046.6463N 0160351.7983E	100/117	35.43	Fixed red
	EN785	Andoya-Decca	Telemast	690845.0000N 0160146.7900E	145/162	35.46	Fixed red
69N018E	EN848	Andoya rakettfelt	Telemast	691737.0900N 0160108.3700E	102/107	35.67	Fixed red
	EN13258	Sandhaugen	Windmill	693410.1400N 0181356.1000E	120/532	32.51	Lighted
69N030E	EN16	Kirkenes - Decca	Telemast	694120.0800N 0300310.4100E	140/284	19.60	Oscillating White
	EN17	Varanger	Telemast	694503.1700N 0300749.3400E	102/317	19.51	Oscillating White
70N008E	EN4613	Loran C	Telemast	705451.4800N 0088396.5200W	190/221	55.79	Lighted

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
70N020E	EN22495	Fakken vindpark 1	Windmill	700530.2100N 0200224.7200E	125/293	29.44	Oscillating red
	EN22496	Fakken vindpark 2	Windmill	700533.6300N 0200248.2100E	125/302	29.43	Not Lighted
	EN22497	Fakken vindpark 3	Windmill	700538.1200N 0200312.3900E	125/285	29.42	Not Lighted
	EN22498	Fakken vindpark 4	Windmill	700543.1000N 0200336.2600E	125/299	29.41	Not Lighted
	EN22499	Fakken vindpark 5	Windmill	700548.0500N 0200358.3300E	125/294	29.40	Oscillating red
	EN22500	Fakken vindpark 6	Windmill	700549.6300N 0200424.1600E	125/280	29.38	Not Lighted
	EN22501	Fakken vindpark 7	Windmill	700552.1000N 0200453.4100E	125/228	29.37	Not Lighted
	EN22502	Fakken vindpark 8	Windmill	700604.3700N 0200541.6700E	125/191	29.35	Oscillating red
	EN22503	Fakken vindpark 9	Windmill	700544.7300N 0200128.2400E	125/288	29.48	Oscillating red
	EN22504	Fakken vindpark 10	Windmill	700547.3300N 0200155.9200E	125/302	29.46	Not Lighted
	EN22505	Fakken vindpark 11	Windmill	700540.9600N 0200214.7800E	125/299	29.45	Not Lighted
	EN22506	Fakken vindpark 12	Windmill	700550.4200N 0200241.1600E	125/334	29.44	Oscillating red
	EN22507	Fakken vindpark 13	Windmill	700556.1400N 0200301.3200E	125/322	29.43	Not Lighted
	EN22508	Fakken vindpark 14	Windmill	700601.6500N 0200323.9700E	125/287	29.42	Not Lighted
	EN22509	Fakken vindpark 15	Windmill	700607.6600N 0200403.7200E	125/252	29.40	Not Lighted
	EN22510	Fakken vindpark 16	Windmill	700609.6100N 0200430.3800E	125/227	29.39	Not Lighted
	EN22511	Fakken vindpark 17	Windmill	700613.7600N 0200456.3300E	125/211	29.38	Not Lighted
	EN22512	Fakken vindpark 18	Windmill	700621.2200N 0200519.2100E	125/166	29.36	Oscillating red
70N023E	EN15041	HP Flare Tower	Tower	704130.8600N 0233556.6100E	130/176	25.52	Fixed red
70N025E	EN89	Honningsvåg fjellet	Telemast	705904.4300N 0255359.9400E	100/460	23.12	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
70N027E	EN17049	Kjøllefjord vindpark	Windmill	705554.0445N 0271526.7092E	115/359	21.99	Fixed red
	EN17050	Kjøllefjord vindpark	Windmill	705544.9000N 0271541.8600E	115/369	21.99	Not Lighted
	EN17051	Kjøllefjord vindpark	Windmill	705538.3700N 0271600.9100E	115/386	21.99	Not Lighted
	EN17052	Kjøllefjord vindpark	Windmill	705531.6327N 0271619.0713E	115/400	21.99	Not Lighted
	EN17053	Kjøllefjord vindpark	Windmill	705524.9603N 0271634.6226E	115/413	21.98	Fixed red
	EN17054	Kjøllefjord vindpark	Windmill	705516.0000N 0271648.6200E	115/404	21.98	Not Lighted
	EN17055	Kjøllefjord vindpark	Windmill	705511.3206N 0271709.8712E	115/389	21.98	Not Lighted
	EN17056	Kjøllefjord vindpark	Windmill	705503.3262N 0271725.7248E	115/395	21.97	Fixed red
	EN17057	Kjøllefjord vindpark	Windmill	705530.9262N 0271439.0773E	115/385	21.99	Fixed red
	EN17058	Kjøllefjord vindpark	Windmill	705523.1668N 0271455.7788E	115/412	21.99	Not Lighted
	EN17059	Kjøllefjord vindpark	Windmill	705518.1302N 0271514.4359E	115/397	21.99	Not Lighted
	EN17060	Kjøllefjord vindpark	Windmill	705514.4878N 0271537.4997E	115/400	21.98	Not Lighted
	EN17061	Kjøllefjord vindpark	Windmill	705508.0800N 0271553.6800E	115/411	21.98	Fixed red
	EN17062	Kjøllefjord vindpark	Windmill	705501.4053N 0271608.9794E	115/406	21.98	Not Lighted
	EN17063	Kjøllefjord vindpark	Windmill	705453.7800N 0271633.3500E	115/394	21.97	Not Lighted
	EN17064	Kjøllefjord vindpark	Windmill	705444.4300N 0271644.2400E	115/398	21.97	Not Lighted
	EN17065	Kjøllefjord vindpark	Windmill	705434.9363N 0271644.1041E	115/376	21.96	Fixed red

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
70N029E	EN140	Berlevag Loran C	Telemast	705043.0400N 0291215.9800E	219/308	20.35	Lighted
	EN23717	Raggovidda Turbin 1	Windmill	704647.4100N 0290658.8800E	130/531	20.74	Fixed red
	EN23718	Raggovidda Turbin 2	Windmill	704628.5400N 0290738.4300E	130/527	20.73	Not Lighted
	EN23719	Raggovidda Turbin 3	Windmill	704610.0300N 0290817.2300E	130/522	20.73	Fixed red
	EN23720	Raggovidda Turbin 4	Windmill	704635.2300N 0290445.6300E	130/553	20.80	Not Lighted
	EN23721	Raggovidda Turbin 5	Windmill	704619.7600N 0290511.6900E	130/569	20.80	Fixed red
	EN23722	Raggovidda Turbin 6	Windmill	704604.0600N 0290537.4800E	130/568	20.80	Not Lighted
	EN23723	Raggovidda Turbin 7	Windmill	704549.1100N 0290602.5600E	130/547	20.80	Not Lighted
	EN23724	Raggovidda Turbin 8	Windmill	704621.3100N 0290328.0500E	130/558	20.84	Fixed red
	EN23725	Raggovidda Turbin 9	Windmill	704603.2700N 0290353.0600E	130/574	20.84	Not Lighted
	EN23726	Raggovidda Turbin 10	Windmill	704545.2900N 0290417.8200E	130/582	20.85	Not Lighted
	EN23727	Raggovidda Turbin 11	Windmill	704530.0400N 0290438.8600E	130/564	20.85	Not Lighted
	EN23728	Raggovidda Turbin 12	Windmill	704514.2900N 0290500.6400E	130/533	20.85	Fixed red
	EN23729	Raggovidda Turbin 13	Windmill	704530.2100N 0290251.1800E	130/568	20.89	Fixed red
	EN23730	Raggovidda Turbin 14	Windmill	704513.0400N 0290310.3900E	130/568	20.89	Not Lighted
71N022E	EN23731	Raggovidda Turbin 15	Windmill	704456.0400N 0290329.6800E	130/539	20.90	Fixed red
	EN69	Hannefjell	Telemast	704012.4700N 0294237.7900E	241/658	20.18	Lighted
	EN32824	Goliath FPSO	Petroleum System	711846.6367N 0221509.7051E	138/138,1	26.68	Floodlight

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AREA	IDENT	NAME	TYPE	PSN	HEIGHT/ELEV or SPAN HEIGHT (M)	UNDULATION (M)	LIGHT INFO
71N024E	EN4515	Ingøy kringkaster	Telemast	710417.5600N 0240514.2200E	362/387	25.20	Oscillating White
	EN7754	Not named - 55660	Windmill	710039.5100N 0243600.1400E	120/363	24.57	Fixed red
	EN7755	Not named - 55661	Windmill	710034.3800N 0243619.9300E	120/370	24.56	Not Lighted
	EN7756	Not named - 55662	Windmill	710028.2200N 0243643.6000E	120/347	24.55	Fixed red
	EN7757	Not named - 55663	Windmill	710014.9100N 0243628.5300E	120/335	24.56	Fixed red
	EN7758	Not named - 55664	Windmill	710039.4800N 0243456.5200E	120/334	24.58	Not Lighted
	EN7759	Not named - 55665	Windmill	710033.1200N 0243518.8100E	120/383	24.57	Fixed red
	EN7760	Not named - 55666	Windmill	710027.8000N 0243541.1900E	120/390	24.57	Not Lighted
	EN7761	Not named - 55667	Windmill	710023.2600N 0243602.9500E	120/390	24.56	Fixed red
	EN7762	Not named - 55668	Windmill	710045.8600N 0243534.2800E	120/341	24.57	Not Lighted
	EN7763	Not named - 55669	Windmill	710056.6000N 0243448.3200E	120/370	24.58	Not Lighted
	EN7764	Not named - 55670	Windmill	710102.1900N 0243419.3900E	120/371	24.59	Fixed red
	EN7765	Not named - 55671	Windmill	710105.6700N 0243356.9300E	120/369	24.59	Fixed red
	EN7766	Not named - 55672	Windmill	710052.5400N 0243512.8700E	120/342	24.58	Fixed red
	EN7767	Not named - 55673	Windmill	710045.7100N 0243423.6200E	120/344	24.59	Fixed red
	EN7768	Not named - 55674	Windmill	710050.4200N 0243400.2500E	120/374	24.59	Not Lighted

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