

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Sundbro, Sweden Control Points

Contest: SM Uppsala Masters 2017

Courtesy of Thomas Jobs (thomas_jobs@telia.com)

Dated: 28 February 2017

Magnetic Variation: 4.6E

Time zone: MET, Summer offset from GMT is 2:00 and in Winter it is 1:00.

Printed Sunday, 04 June 2017 at 00:09 GMT

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User assumes all risk of use.

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° '	<i>Longitude</i> ° ' "	<i>Elevation</i> METERS	<i>Codes</i> *	<i>Description</i>	<i>Comment</i>	<i>ID</i>	<i>Distance</i> Km	<i>Bearing</i>
1	1	59 55 24 N	17 32 07 E	59 55,400 N	17 32,117 E	19	HDFT	Sundbro	ESKC	1		
2	2	59 57 09 N	17 19 00 E	59 57,150 N	17 19,000 E	59	S	Start Alpha		2	13	290
3	3	59 58 46 N	17 14 08 E	59 58,767 N	17 14,133 E	75	S	Start Bravo		3	18	295
4	4	59 59 38 N	17 25 00 E	59 59,633 N	17 25,000 E	45	S	Start Charlie		4	10	325
5	5	60 01 38 N	17 20 39 E	60 01,633 N	17 20,650 E	61	S	Start Delta		5	16	322
6	6	59 58 11 N	17 26 35 E	59 58,183 N	17 26,583 E	58	S	Start Echo		6	7,3	320
7	7	59 56 43 N	17 22 32 E	59 56,717 N	17 22,533 E	49	S	Start Foxtrot		7	9,2	290
8	8	60 46 40 N	16 08 34 E	60 46,667 N	16 08,567 E	273	T	Aagsjoen	Lake East Point	8	122	326
9	9	59 52 40 N	17 17 15 E	59 52,667 N	17 17,250 E	49	T	Aaland	Church	9	15	255
10	10	60 58 02 N	16 27 04 E	60 58,033 N	16 27,067 E	159	T	Aamot	Church	10	130	338
11	11	62 33 52 N	15 50 17 E	62 33,867 N	15 50,283 E	130	AT	Aange	ESUJ	11	307	348
12	12	60 17 24 N	13 23 51 E	60 17,400 N	13 23,850 E	171	T	Aastrand	Bridge	12	233	286
13	13	60 09 05 N	14 48 18 E	60 09,083 N	14 48,300 E	303	T	Abborrberg	Intersection	13	154	285
14	14	60 08 26 N	13 36 34 E	60 08,433 N	13 36,567 E	245	T	Acksjoen	Lake North Point	14	219	283
15	15	61 12 54 N	14 02 49 E	61 12,900 N	14 02,817 E	229	AT	Aelvdalen	Airfield	15	239	313

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16	16	60 17 14 N	13 33 43 E	60 17,233 N	13 33,717 E	266	T	Aemten	Lake South Point	16	224	287
17	17	59 44 03 N	13 12 10 E	59 44,050 N	13 12,167 E	78	T	Aemtervik	Church	17	243	272
18	18	60 28 38 N	14 05 35 E	60 28,633 N	14 05,583 E	279	T	Aeppelbo	Railway Crossing	18	200	294
19	19	61 20 43 N	16 03 43 E	61 20,717 N	16 03,717 E	89	T	Alfta	Bridge	19	177	338
20	20	59 26 25 N	14 24 29 E	59 26,417 N	14 24,483 E	150	T	Alkvettern	Intersection	20	184	259
21	21	60 30 34 N	13 09 04 E	60 30,567 N	13 09,067 E	335	T	Ambjoerby	Bridge	21	251	292
22	22	59 23 45 N	15 54 54 E	59 23,750 N	15 54,900 E	10	AT	Arboga	ESQO	22	108	242
23	23	61 31 00 N	16 22 33 E	61 31,000 N	16 22,550 E	115	AT	Arbraa	ESUB	23	188	346
24	24	59 40 26 N	12 38 21 E	59 40,433 N	12 38,350 E	72	AT	Arvika	ESVK	24	275	271
25	25	61 16 31 N	13 49 36 E	61 16,517 N	13 49,600 E	287	T	Asen		25	252	313
26	26	59 57 29 N	15 57 05 E	59 57,483 N	15 57,083 E	96	T	Aspen	Lake East Point	26	88	278
27	27	60 11 02 N	16 07 10 E	60 11,033 N	16 07,167 E	97	AT	Avesta	ESVA	27	84	295
28	28	59 33 45 N	14 54 20 E	59 33,750 N	14 54,333 E	210	T	Baelgsjoen	Lake East Point	28	153	261
29	29	61 01 26 N	15 39 08 E	61 01,433 N	15 39,133 E	216	T	Bingsjoe	Chapel	29	160	325
30	30	60 27 20 N	14 43 55 E	60 27,333 N	14 43,917 E	216	T	Bjoerbo	Bridge	30	166	297
31	31	60 44 18 N	15 27 11 E	60 44,300 N	15 27,183 E	189	T	Bjursaas	Church	31	146	314
32	32	60 25 18 N	16 27 34 E	60 25,300 N	16 27,567 E	127	T	Bodaas	Mine	32	81	318
33	33	61 23 52 N	16 24 23 E	61 23,867 N	16 24,383 E	77	T	Bollnaes	Dam	33	175	345
34	34	62 32 27 N	15 54 37 E	62 32,450 N	15 54,617 E	226	T	Borgsjoe	Church	34	304	349
35	35	60 25 46 N	15 29 39 E	60 25,767 N	15 29,650 E	153	AT	Borlaenge	ESSD	35	126	302
36	36	60 45 58 N	16 14 00 E	60 45,967 N	16 14,000 E	257	T	Borrsjoen	Dam	36	118	328
37	37	60 14 50 N	17 34 03 E	60 14,833 N	17 34,050 E	66	T	Botarbo		37	36	7
38	38	60 26 20 N	12 46 44 E	60 26,333 N	12 46,733 E	427	T	Boviggen	Lake North Point	38	269	289
39	39	62 45 51 N	15 24 35 E	62 45,850 N	15 24,583 E	346	T	Braecke	Railway Crossing	39	336	346
40	40	59 40 08 N	14 01 41 E	59 40,133 N	14 01,683 E	213	T	Brattfors	Church	40	198	268
41	41	59 36 39 N	13 55 38 E	59 36,650 N	13 55,633 E	179	AT	Brattforsheden	ESSM	41	205	266
42	42	59 51 24 N	17 26 20 E	59 51,400 N	17 26,333 E	38	T	Brunna	Church	42	9,2	221
43	43	59 53 04 N	12 18 01 E	59 53,067 N	12 18,017 E	140	T	Charlottenberg	Railway Station	43	292	273
44	44	60 56 30 N	15 32 28 E	60 56,500 N	15 32,467 E	265	T	Daadran	Chapel	44	157	321
45	45	60 30 31 N	14 48 07 E	60 30,517 N	14 48,117 E	199	T	Dala Floda		45	164	299
46	46	60 33 11 N	14 22 31 E	60 33,183 N	14 22,517 E	236	AT	Dala-Jaerna	ESKD	46	188	298
47	47	60 39 00 N	12 59 51 E	60 39,000 N	12 59,850 E	346	T	Dalby	Church	47	263	294
48	48	61 23 16 N	15 49 57 E	61 23,267 N	15 49,950 E	157	AT	Edsbyn	ESUY	48	187	336
49	49	59 22 55 N	16 26 53 E	59 22,917 N	16 26,883 E	13	AT	Ekeby	ESSC	49	86	230
50	50	60 09 24 N	13 31 55 E	60 09,400 N	13 31,917 E	140	AT	Ekshaerad	ESKH	50	224	283
51	51	60 02 08 N	16 48 11 E	60 02,133 N	16 48,183 E	74	T	Enaaker	Church	51	43	292
52	52	60 48 31 N	15 45 39 E	60 48,517 N	15 45,650 E	142	T	Enviken	Intersection	52	139	321
53	53	61 08 03 N	13 58 12 E	61 08,050 N	13 58,200 E	396	T	Evertsberg		53	237	311
54	54	59 59 21 N	15 48 25 E	59 59,350 N	15 48,417 E	95	T	Fagersta	Railway Crossing	54	96	280
55	55	60 36 30 N	15 38 01 E	60 36,500 N	15 38,017 E	129	T	Falun	Church	55	130	311
56	56	59 35 00 N	15 30 25 E	59 35,000 N	15 30,417 E	79	T	Fellingsbro	Railway Crossing	56	120	257

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57	57	59 42 31 N	14 09 44 E	59 42,517 N	14 09,733 E	145	T	Filipsstad	Railway Station	57	190	269
58	58	60 33 19 N	13 06 12 E	60 33,317 N	13 06,200 E	152	AT	Finnskoga Backa	Airfield	58	254	293
59	59	61 03 57 N	13 19 50 E	61 03,950 N	13 19,833 E	367	T	Fiskarheden		59	263	305
60	60	59 52 31 N	16 20 50 E	59 52,517 N	16 20,833 E	72	T	Flaেকেbo	Church	60	66	271
61	61	59 37 52 N	15 10 24 E	59 37,867 N	15 10,400 E	107	T	Fornaboda	Race Track	61	136	262
62	62	60 08 32 N	14 22 30 E	60 08,533 N	14 22,500 E	328	T	Fredriksberg		62	177	284
63	63	61 10 00 N	15 08 16 E	61 10,000 N	15 08,267 E	191	T	Furudal	Bridge	63	190	322
64	64	59 52 50 N	14 20 10 E	59 52,833 N	14 20,167 E	247	T	Gaasborn	Church	64	178	274
65	65	60 56 45 N	15 14 10 E	60 56,750 N	15 14,167 E	207	T	Gaerdsjoe	Intersection	65	170	318
66	66	60 33 03 N	15 04 58 E	60 33,050 N	15 04,967 E	175	AT	Gagnef	ESVG	66	152	303
67	67	59 46 18 N	15 23 08 E	59 46,300 N	15 23,133 E	173	LT	Gammelbo	Old airport	67	121	268
68	68	60 18 57 N	16 12 26 E	60 18,950 N	16 12,433 E	169	T	Garpenberg	Church	68	86	306
69	69	60 35 40 N	15 17 59 E	60 35,667 N	15 17,983 E	148	T	Gimmen	Lake East Point	69	144	307
70	70	60 42 42 N	15 19 15 E	60 42,700 N	15 19,250 E	158	T	Gopen	Lake West Point	70	150	311
71	71	59 56 49 N	12 55 08 E	59 56,817 N	12 55,133 E	117	T	Graesmark	Church	71	257	277
72	72	59 49 58 N	13 44 21 E	59 49,967 N	13 44,350 E	138	T	Graessjoen	Lake South Point	72	212	274
73	73	60 15 45 N	14 59 00 E	60 15,750 N	14 59,000 E	165	T	Grangaerde	Church	73	146	291
74	74	60 40 54 N	15 30 10 E	60 40,900 N	15 30,167 E	142	T	Grycken-N	Lake North Point	74	140	312
75	75	60 25 48 N	16 13 50 E	60 25,800 N	16 13,833 E	131	T	Grycken-S	Lake South Point	75	92	313
76	76	59 42 22 N	14 32 20 E	59 42,367 N	14 32,333 E	194	T	Grythytan	Church	76	169	268
77	77	60 10 05 N	16 13 27 E	60 10,083 N	16 13,450 E	81	T	Grytnaes	Church	77	78	296
78	78	60 17 18 N	17 25 55 E	60 17,300 N	17 25,917 E	32	AT	Gryttjom	ESKG	78	41	357
79	79	61 52 00 N	16 16 35 E	61 52,000 N	16 16,583 E	157	T	Gunnarbosjoen	Lake West Point	79	227	348
80	80	59 48 45 N	12 34 03 E	59 48,750 N	12 34,050 E	136	T	Gunnarskog	Church	80	278	274
81	81	59 48 11 N	15 50 54 E	59 48,183 N	15 50,900 E	107	T	Gunnilbo	Intersection	81	95	267
82	82	59 52 18 N	14 25 35 E	59 52,300 N	14 25,583 E	194	AT	Haellefors	ESVH	82	173	274
83	83	59 43 39 N	17 04 43 E	59 43,650 N	17 04,717 E	20	T	Haernevi	Church	83	34	234
84	84	62 38 00 N	17 59 13 E	62 38,000 N	17 59,217 E	83	AT	Haernoesand Myran	ESUH	84	302	9
85	85	60 33 17 N	17 07 29 E	60 33,283 N	17 07,483 E		T	Haestbo	TP	85	74	347
86	86	60 01 37 N	13 35 00 E	60 01,617 N	13 35,000 E	144	AT	Hagfors	ESOH	86	220	279
87	87	60 03 12 N	16 43 35 E	60 03,200 N	16 43,583 E	67	T	Hallaren	Lake	87	47	293
88	88	61 14 44 N	16 33 35 E	61 14,733 N	16 33,583 E	38	T	Hanebo	Church	88	156	345
89	89	59 46 19 N	16 27 44 E	59 46,317 N	16 27,733 E	56	T	Haraker	Church	89	62	259
90	90	60 06 20 N	17 13 00 E	60 06,333 N	17 13,000 E	47	T	Harbo	Church	90	27	324
91	91	62 06 38 N	16 42 42 E	62 06,633 N	16 42,700 E	232	T	Hassela	Church	91	247	355
92	92	59 56 23 N	16 51 37 E	59 56,383 N	16 51,617 E	57	T	Heby	Church	92	38	278
93	93	59 40 54 N	15 46 08 E	59 40,900 N	15 46,133 E	90	T	Hed	Church	93	102	260
94	94	60 16 41 N	15 59 43 E	60 16,683 N	15 59,717 E	98	T	Hedemora	Church	94	94	300
95	95	62 01 00 N	15 54 20 E	62 01,000 N	15 54,333 E	174	T	Hennan	Lake South Point	95	249	345
96	96	59 47 04 N	14 46 55 E	59 47,067 N	14 46,917 E	171	T	Hjulsjoe	Church	96	155	270
97	97	59 58 18 N	16 08 56 E	59 58,300 N	16 08,933 E	85	T	Hoerendesjoen	Lake North Point	97	77	279

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98	98	60 02 01 N	14 55 20 E	60 02,017 N	14 55,333 E	272	T	Hoerken	Lake South Point	98	146	281
99	99	59 59 39 N	15 02 27 E	59 59,650 N	15 02,450 E	304	T	Hogfors		99	139	279
100	100	61 07 08 N	16 43 30 E	61 07,133 N	16 43,500 E	71	T	Holmsveden	Railway Station	100	140	347
101	101	60 02 58 N	16 59 01 E	60 02,967 N	16 59,017 E	59	T	Huddunge	Church	101	34	299
102	102	60 38 02 N	14 17 15 E	60 38,033 N	14 17,250 E	288	T	Hulen	Lake North Point	102	196	300
103	103	60 53 55 N	15 55 29 E	60 53,917 N	15 55,483 E	355	T	Hyn		103	140	326
104	104	60 22 29 N	15 13 48 E	60 22,483 N	15 13,800 E	287	T	Idtjaern	Lake North Point	104	137	297
105	105	60 41 07 N	15 04 47 E	60 41,117 N	15 04,783 E	165	T	Insjoen	Railway Crossing	105	160	308
106	106	59 39 25 N	15 33 38 E	59 39,417 N	15 33,633 E	95	T	Iresjoen	Lake NW Point	106	114	260
107	107	60 50 35 N	16 28 16 E	60 50,583 N	16 28,267 E	215	T	Jaedraaas	Railway Station	107	118	335
108	108	60 42 46 N	16 36 14 E	60 42,767 N	16 36,233 E	88	T	Jaerbo	Railway Crossing	108	102	335
109	109	59 54 35 N	17 12 59 E	59 54,583 N	17 12,983 E	58	T	Jaerlaasa		109	18	270
110	110	59 38 45 N	14 54 02 E	59 38,750 N	14 54,033 E	139	T	Jaernboaas	Church	110	151	264
111	111	59 41 23 N	12 09 00 E	59 41,383 N	12 09,000 E	198	T	Jaernskog	Church	111	302	272
112	112	61 42 35 N	16 11 04 E	61 42,583 N	16 11,067 E	146	T	Jaervsoe	Church	112	212	345
113	113	59 34 32 N	16 30 13 E	59 34,533 N	16 30,217 E	7	AT	Johannisberg	ESSX	113	70	241
114	114	59 56 35 N	17 25 35 E	59 56,583 N	17 25,583 E	38	T	Jumkil	Church	114	6,5	295
115	115	60 35 00 N	17 35 52 E	60 35,000 N	17 35,867 E	1	T	Kaalbo		115	73	7
116	116	59 56 49 N	16 46 24 E	59 56,817 N	16 46,400 E	81	T	Kaerrbaeck	Flyover	116	43	278
117	117	59 52 23 N	15 39 00 E	59 52,383 N	15 39,000 E	130	T	Kaerrbo	Intersection	117	105	272
118	118	60 00 32 N	16 04 51 E	60 00,533 N	16 04,850 E	105	T	Karbenning	Church	118	82	282
119	119	59 31 35 N	12 04 10 E	59 31,583 N	12 04,167 E	181	T	Karlanda	Church	119	309	269
120	120	59 52 13 N	16 32 53 E	59 52,217 N	16 32,883 E	70	T	Kila	Church	120	55	269
121	121	60 44 54 N	12 47 43 E	60 44,900 N	12 47,717 E	296	T	Klara	Bridge	121	276	296
122	122	59 53 58 N	15 18 28 E	59 53,967 N	15 18,467 E	262	T	Kloten	Intersection	122	124	274
123	123	59 31 35 N	15 58 03 E	59 31,583 N	15 58,050 E	8	AT	Koeping	ESVQ	123	98	249
124	124	59 36 04 N	15 50 41 E	59 36,067 N	15 50,683 E	76	T	Kolsva	Intersection	124	101	255
125	125	59 52 40 N	15 00 04 E	59 52,667 N	15 00,067 E	184	T	Kopparberg	Church	125	141	274
126	126	60 08 12 N	16 13 10 E	60 08,200 N	16 13,167 E	84	T	Krylbo	Railway Crossing	126	77	293
127	127	60 27 28 N	16 03 26 E	60 27,467 N	16 03,433 E	109	T	Laangen	Lake West Point	127	101	311
128	128	59 46 26 N	15 50 58 E	59 46,433 N	15 50,967 E	91	T	Laangsvan	Lake North Point	128	96	265
129	129	59 44 52 N	17 08 55 E	59 44,867 N	17 08,917 E	15	AT	Laangtora	Airport	129	29	233
130	130	60 00 38 N	13 28 10 E	60 00,633 N	13 28,167 E	155	T	Lakenesjoen	Lake North Point	130	226	279
131	131	62 34 34 N	16 25 58 E	62 34,567 N	16 25,967 E	231	T	Leringen	Dam	131	301	354
132	132	60 56 00 N	13 21 52 E	60 56,000 N	13 21,867 E	416	T	Lima Ka	Church	132	255	303
133	133	59 35 32 N	15 13 46 E	59 35,533 N	15 13,767 E	76	T	Lindesberg	Church	133	134	260
134	134	61 02 51 N	16 42 07 E	61 02,850 N	16 42,117 E	82	T	Lingbo	Church	134	133	345
135	135	60 06 39 N	14 51 58 E	60 06,650 N	14 51,967 E		T	Ljungaasen	TP	135	150	284
136	136	61 49 03 N	16 00 27 E	61 49,050 N	16 00,450 E	148	AT	Ljusdal	ESUL	136	226	344
137	137	60 18 40 N	14 41 09 E	60 18,667 N	14 41,150 E	269	T	Loevsjoen	Intersection	137	164	291
138	138	61 57 12 N	15 56 30 E	61 57,200 N	15 56,500 E	215	T	Lostersjoen	Lake SW Point	138	242	344

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139	139	60 05 17 N	15 05 48 E	60 05,283 N	15 05,800 E	272	AT	Ludvika	ESSG	139	137	283
140	140	59 38 06 N	15 55 15 E	59 38,100 N	15 55,250 E	65	T	Lundbysjoen	Lake NE Point	140	96	256
141	141	60 13 31 N	17 28 10 E	60 13,517 N	17 28,167 E	47	T	Maankarbo		141	34	358
142	142	60 20 59 N	14 51 52 E	60 20,983 N	14 51,867 E	207	T	Malingen		142	155	294
143	143	59 55 43 N	15 26 22 E	59 55,717 N	15 26,367 E	179	T	Malingsbo	Church	143	117	276
144	144	60 39 23 N	13 43 57 E	60 39,383 N	13 43,950 E	298	AT	Malung	ESVM	144	225	297
145	145	60 43 52 N	13 33 09 E	60 43,867 N	13 33,150 E	311	T	Malungsfors	Bridge	145	237	299
146	146	59 45 07 N	12 49 37 E	59 45,117 N	12 49,617 E	223	T	Mangskog	Church	146	264	272
147	147	60 05 08 N	16 32 58 E	60 05,133 N	16 32,967 E	78	T	Moeklinta	Intersection	147	58	293
148	148	59 56 01 N	16 57 50 E	59 56,017 N	16 57,833 E	83	T	Morgongaava	Railway Station	148	32	277
149	149	59 48 10 N	13 29 50 E	59 48,167 N	13 29,833 E	85	AT	Munkfors	ESKO	149	226	273
150	150	60 27 10 N	14 29 27 E	60 27,167 N	14 29,450 E	241	T	Naas	Bridge	150	178	295
151	151	60 10 36 N	16 28 32 E	60 10,600 N	16 28,533 E	69	T	Naes-Bruk	Dam	151	65	301
152	152	59 37 05 N	11 46 43 E	59 37,083 N	11 46,717 E	166	T	Naeset		152	324	271
153	153	60 12 05 N	16 11 18 E	60 12,083 N	16 11,300 E	121	T	Naevden	Lake East Point	153	81	298
154	154	60 43 26 N	13 26 55 E	60 43,433 N	13 26,917 E	370	T	Nistaellingen		154	242	298
155	155	59 31 12 N	15 02 35 E	59 31,200 N	15 02,583 E	93	T	Nora	Church	155	147	258
156	156	59 31 59 N	15 05 32 E	59 31,983 N	15 05,533 E	114	T	Norasjoen	Lake East Point	156	144	258
157	157	60 06 41 N	15 57 18 E	60 06,683 N	15 57,300 E	190	AT	Norberg	Airport	157	90	289
158	158	59 50 06 N	14 06 43 E	59 50,100 N	14 06,717 E	189	T	Nordmark	Church	158	191	273
159	159	60 16 05 N	14 51 57 E	60 16,083 N	14 51,950 E	301	T	Norsen	Lake North Point	159	153	290
160	160	59 43 03 N	12 28 28 E	59 43,050 N	12 28,467 E	77	T	Ny	Church	160	284	272
161	161	59 59 28 N	15 18 01 E	59 59,467 N	15 18,017 E	254	T	Nyfors		161	125	279
162	162	59 37 11 N	14 18 15 E	59 37,183 N	14 18,250 E	134	T	Nykroppa	Church	162	184	265
163	163	59 35 03 N	15 59 20 E	59 35,050 N	15 59,333 E	44	T	Odensvi	Church	163	94	252
164	164	60 48 40 N	13 51 46 E	60 48,667 N	13 51,767 E	312	T	Oeje	Church	164	225	302
165	165	60 44 02 N	13 51 00 E	60 44,033 N	13 51,000 E	294	T	Oejen		165	222	300
166	166	59 39 31 N	13 41 20 E	59 39,517 N	13 41,333 E	133	T	Oerten	Dam	166	217	268
167	167	60 18 10 N	16 47 51 E	60 18,167 N	16 47,850 E	77	T	Oesterfaernebo	Church	167	59	321
168	168	60 10 45 N	17 10 56 E	60 10,750 N	17 10,933 E	47	T	Oestervaala	Church	168	35	330
169	169	60 16 46 N	12 45 56 E	60 16,767 N	12 45,933 E	118	T	Oestmark	Church	169	267	285
170	170	60 09 32 N	14 53 31 E	60 09,533 N	14 53,517 E	244	T	Olsjoen	Lake South Point	170	149	286
171	171	61 08 21 N	15 10 31 E	61 08,350 N	15 10,517 E	196	T	Ore	Church	171	187	322
172	172	61 11 10 N	14 42 40 E	61 11,167 N	14 42,667 E	208	AT	Orsa	ESNR	172	209	318
173	173	60 27 23 N	13 45 08 E	60 27,383 N	13 45,133 E	355	T	Raaforsen	Bridge	173	217	292
174	174	60 03 50 N	17 05 13 E	60 03,833 N	17 05,217 E	79	T	Raaksjoen	Lake North Point	174	29	307
175	175	60 17 12 N	15 09 21 E	60 17,200 N	15 09,350 E	269	T	Raemen	Bridge	175	138	293
176	176	60 01 55 N	14 07 57 E	60 01,917 N	14 07,950 E	252	T	Raemmen	Church	176	190	280
177	177	60 53 30 N	15 05 56 E	60 53,500 N	15 05,933 E	172	T	Raettvik	Church	177	172	314
178	178	59 45 47 N	16 12 42 E	59 45,783 N	16 12,700 E	89	T	Ramnaes	Church	178	76	262
179	179	59 46 04 N	15 18 03 E	59 46,067 N	15 18,050 E	147	T	Ramsberg	Church	179	126	268

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' "	<i>Longitude</i> ° , ' "	<i>Latitude</i> ° , ' "	<i>Longitude</i> ° , ' "	<i>Elevation</i> <i>METERS</i>	<i>Codes</i> [*]	<i>Description</i>	<i>Comment</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
180	180	62 11 09 N	15 39 28 E	62 11,150 N	15 39,467 E	253	T	Ramsjoe	Church	180	271	344
181	181	59 46 13 N	13 27 06 E	59 46,217 N	13 27,100 E	86	T	Ransaeter	Church	181	229	272
182	182	62 43 20 N	15 26 46 E	62 43,333 N	15 26,767 E	367	T	Revsundssjoen	Lake East Point	182	331	346
183	183	60 39 14 N	15 17 31 E	60 39,233 N	15 17,517 E	301	T	Rexbo	Intersection	183	148	309
184	184	60 23 29 N	12 37 38 E	60 23,483 N	12 37,633 E	375	T	Roejden	Lake East Point	184	276	288
185	185	60 17 46 N	16 25 52 E	60 17,767 N	16 25,867 E	146	T	Rossen	Lake SW Point	185	74	309
186	186	59 48 51 N	13 01 42 E	59 48,850 N	13 01,700 E	128	T	Rottnen	Bridge	186	252	274
187	187	60 34 48 N	16 00 06 E	60 34,800 N	16 00,100 E	216	T	Ryggen		187	112	316
188	188	59 53 43 N	16 38 00 E	59 53,717 N	16 38,000 E	43	AT	Sala	Airfield	188	50	271
189	189	59 58 43 N	17 09 42 E	59 58,717 N	17 09,700 E	92	T	Siggeforasjn	Lake	189	22	291
190	190	60 42 54 N	14 58 55 E	60 42,900 N	14 58,917 E	182	T	Siljan	Bridge	190	166	308
191	191	60 46 58 N	14 50 09 E	60 46,967 N	14 50,150 E	186	AT	Siljansnaes	ESVS	191	177	309
192	192	60 21 42 N	15 30 15 E	60 21,700 N	15 30,250 E	175	T	Silvberg	Church	192	123	299
193	193	59 46 25 N	16 54 15 E	59 46,417 N	16 54,250 E	48	T	Simtuna	Church	193	39	250
194	194	59 44 07 N	13 18 21 E	59 44,117 N	13 18,350 E	91	T	Skacksjoen	Bridge	194	237	271
195	195	60 22 48 N	17 40 06 E	60 22,800 N	17 40,100 E	47	T	Skallbo		195	51	13
196	196	59 34 35 N	15 41 34 E	59 34,583 N	15 41,567 E	61	T	Skedvi	Church	196	110	255
197	197	59 49 06 N	12 01 00 E	59 49,100 N	12 01,000 E	234	T	Skillingmark	Church	197	308	274
198	198	59 49 48 N	15 41 14 E	59 49,800 N	15 41,233 E	118	T	Skinnskatteberg	Church	198	104	270
199	199	59 49 50 N	17 19 12 E	59 49,833 N	17 19,200 E	48	T	Skogstibble	Church	199	16	234
200	200	60 08 33 N	15 25 36 E	60 08,550 N	15 25,600 E	110	T	Smedjebacken	Church	200	120	287
201	201	59 58 25 N	16 00 52 E	59 58,417 N	16 00,867 E	104	T	Snyten	Lake South Point	201	85	279
202	202	60 04 32 N	15 34 02 E	60 04,533 N	15 34,033 E	113	T	Soederbaerke	Church	202	111	284
203	203	59 27 03 N	12 46 30 E	59 27,050 N	12 46,500 E	95	T	Soeljeffagan	Bridge	203	272	266
204	204	61 20 09 N	16 13 11 E	61 20,150 N	16 13,183 E	95	T	Soeraeng	Bridge	204	173	341
205	205	59 42 28 N	15 24 39 E	59 42,467 N	15 24,650 E	110	T	Soermogen	Lake SW Point	205	121	264
206	206	59 36 11 N	12 07 55 E	59 36,183 N	12 07,917 E	209	T	Solhem		206	305	270
207	207	62 49 37 N	15 18 53 E	62 49,617 N	15 18,883 E	301	T	Stavre	Railway Station	207	344	345
208	208	60 23 53 N	13 16 59 E	60 23,883 N	13 16,983 E	287	T	Stoellet	Bridge	208	241	289
209	209	60 25 47 N	13 21 41 E	60 25,783 N	13 21,683 E	356	T	Stoellsjoen	Lake North Point	209	238	290
210	210	59 43 01 N	15 08 41 E	59 43,017 N	15 08,683 E	86	T	Storaa		210	136	266
211	211	59 33 45 N	14 09 27 E	59 33,750 N	14 09,450 E	125	T	Storlungen	Lake West Point	211	193	264
212	212	60 07 16 N	16 03 38 E	60 07,267 N	16 03,633 E	151	T	Storsjoen	Lake SE Point	212	85	290
213	213	60 35 09 N	16 35 10 E	60 35,150 N	16 35,167 E	64	AT	Storvik	ESOL	213	90	330
214	214	59 51 34 N	13 06 50 E	59 51,567 N	13 06,833 E	116	AT	Sunne	ESKU	214	247	274
215	215	59 53 08 N	13 43 23 E	59 53,133 N	13 43,383 E	181	T	Sunnemo	Church	215	213	274
216	216	59 42 25 N	16 12 00 E	59 42,417 N	16 12,000 E	66	T	Sura	Church	216	78	257
217	217	60 45 09 N	15 55 29 E	60 45,150 N	15 55,483 E	131	T	Svaerdsjoe	Church	217	128	321
218	218	60 47 14 N	15 53 44 E	60 47,233 N	15 53,733 E	190	T	Svaerdsjoen	Lake North Point	218	132	322
219	219	60 54 52 N	16 08 17 E	60 54,867 N	16 08,283 E	296	T	Svartnas		219	134	330
220	220	60 09 16 N	16 55 22 E	60 09,267 N	16 55,367 E	80	T	Taernsjoe	Church	220	43	312

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Elevation</i> <i>METERS</i>	<i>Codes</i> *	<i>Description</i>	<i>Comment</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
221	221	59 53 30 N	11 56 14 E	59 53,500 N	11 56,233 E	209	T	Tannsjoen	Lake North Point	221	312	273
222	222	60 22 03 N	14 57 57 E	60 22,050 N	14 57,950 E		T	Tansvaeggen	TP	222	151	295
223	223	60 15 39 N	17 12 38 E	60 15,650 N	17 12,633 E	70	T	Toften	Cape	223	42	339
224	224	60 22 32 N	17 33 11 E	60 22,533 N	17 33,183 E	33	T	Tolfta	Church	224	50	6
225	225	59 38 43 N	13 08 32 E	59 38,717 N	13 08,533 E	100	T	Torpsjoen	Lake North Point	225	248	269
226	226	62 38 50 N	15 53 00 E	62 38,833 N	15 53,000 E	381	T	Torringen	Lake East Point	226	315	349
227	227	60 30 35 N	16 28 25 E	60 30,583 N	16 28,417 E	66	T	Torsaaker	Church	227	88	323
228	228	60 09 21 N	12 59 54 E	60 09,350 N	12 59,900 E	118	AT	Torsby	ESST	228	253	282
229	229	59 28 20 N	14 36 50 E	59 28,333 N	14 36,833 E	285	T	Trehoerningen	Lake South Point	229	171	259
230	230	60 27 32 N	16 46 05 E	60 27,533 N	16 46,083 E		T	Troesken	TP	230	73	329
231	231	60 10 14 N	14 38 45 E	60 10,233 N	14 38,750 E	329	T	Ulriksberg		231	163	286
232	232	59 48 07 N	16 04 00 E	59 48,117 N	16 04,000 E	119	T	Ulvramen	Lake North Point	232	83	266
233	233	59 42 10 N	15 58 47 E	59 42,167 N	15 58,783 E	91	T	Vaagsjoen	Lake	233	90	260
234	234	60 53 07 N	15 37 17 E	60 53,117 N	15 37,283 E		T	Vaedertupp	TP	234	150	321
235	235	60 17 22 N	13 03 03 E	60 17,367 N	13 03,050 E	173	T	Vaegsjoefors	Bridge	235	252	286
236	236	59 56 43 N	16 16 55 E	59 56,717 N	16 16,917 E	68	T	Vaesterfaernebo	Church	236	70	277
237	237	59 56 28 N	16 02 08 E	59 56,467 N	16 02,133 E	140	T	Vaestervaala	Church	237	84	277
238	238	60 00 16 N	16 58 23 E	60 00,267 N	16 58,383 E	74	T	Vansjoen	Lake NW Point	238	33	291
239	239	59 44 49 N	15 08 40 E	59 44,817 N	15 08,667 E	97	T	Vasselhyttan	Railway Crossing	239	135	267
240	240	60 05 49 N	17 28 42 E	60 05,817 N	17 28,700 E	55	T	Velaangen	Lake South Point	240	20	355
241	241	60 09 52 N	17 36 15 E	60 09,867 N	17 36,250 E	42	T	Vendel	Church	241	27	13
242	242	60 57 07 N	13 54 38 E	60 57,117 N	13 54,633 E	288	T	Venjan	Church	242	229	306
243	243	60 30 49 N	15 43 13 E	60 30,817 N	15 43,217 E	129	T	Vikasjoen	Lake North Point	243	120	309
244	244	59 30 25 N	14 53 52 E	59 30,417 N	14 53,867 E	126	T	Vikern/Saxen	Bridge	244	155	258
245	245	59 52 23 N	16 05 13 E	59 52,383 N	16 05,217 E	88	T	Virso	Railway Station	245	81	271
246	246	59 53 20 N	17 00 13 E	59 53,333 N	17 00,217 E	49	T	Vittinge	Church	246	30	267
247	247	60 34 40 N	13 49 27 E	60 34,667 N	13 49,450 E	330	T	Yttermalung	Church	247	217	296

Codes*

A: Airport
 D: Glider Airfield
 F: Finish Point
 H: Home airport
 L: Landing point
 S: Start Point
 T: Turnpoint