

NATIONAL ENERGY AUTHORITY

REYKJAVIK, ICELAND

ICELAND MARINE GRAVITY SURVEY (1972-73)

Geodetic surveys for positioning of

RAYDIST land stations

Prepared under contract
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January 1974

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INTRODUCTION

In 1972 most of the RAYDIST land station sites in the southwest of the country were established and positioned in the month of June. At that time some work was also done in the northwestern peninsula, but this work was not finished because of bad weather.

Early in August work in connection with the two northernmost stations in the northwestern peninsula was carried out by the use of helicopter. The remaining land station sites planned in the south and the north of the country were established and positioned in September 1972.

In April 1973 three land station sites were established and positioned in the southeast of the country. In July the last four land station sites were established and positioned, two in the north and two, by the use of helicopter, in the east of the country.

The results of the surveys are given as geographical coordinates in the "Hjörsey" datum. This is the reference datum used in the calculations following the first order triangulation in Iceland 1956-1957. The AMS maps of Iceland (series C762) are referred to the "Reykjavík" datum. The approximate location of the RAYDIST land stations in the Reykjavík datum is given on the last page of this report.

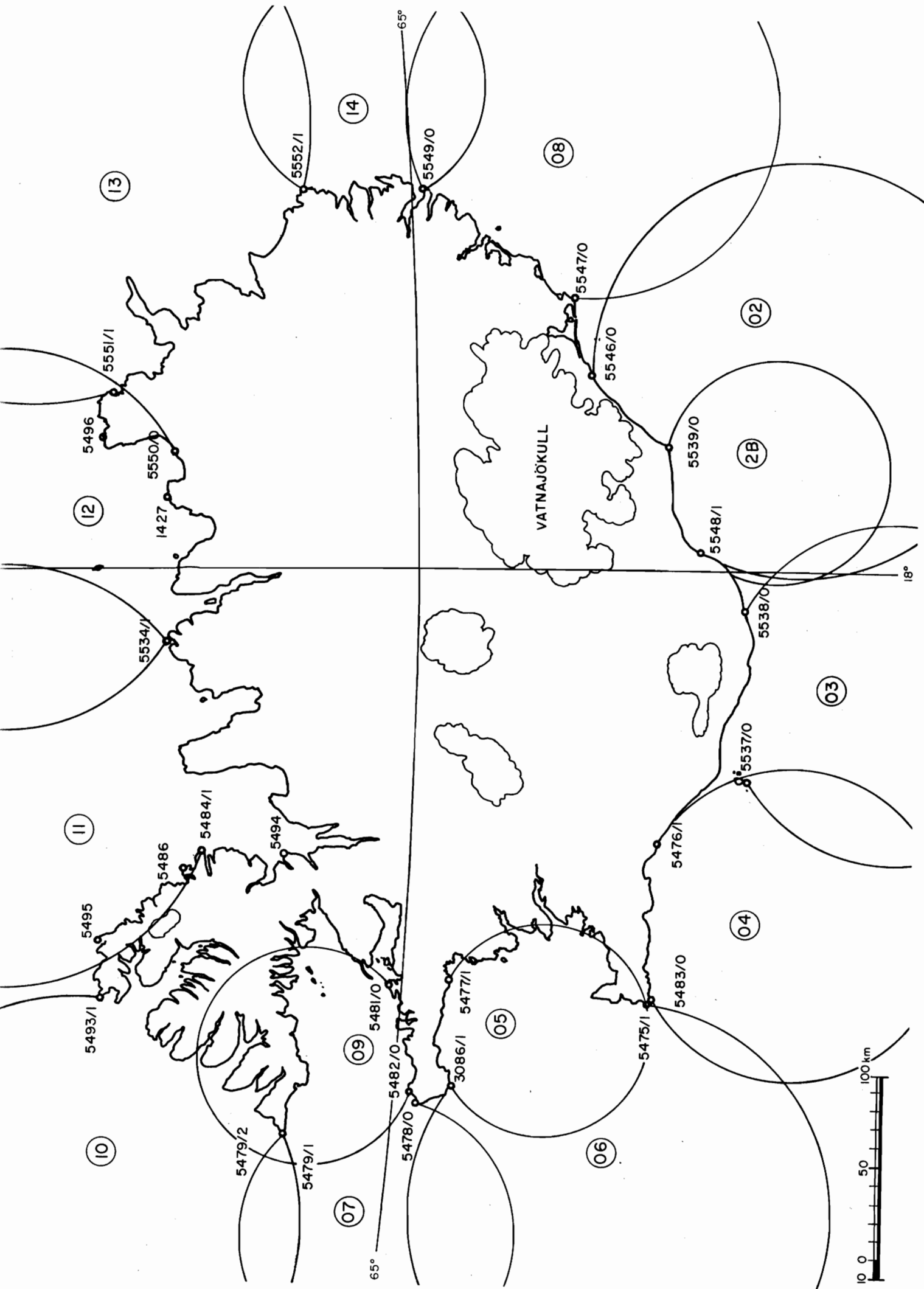
A number of bench marks in the west and north of the country, established and positioned in 1972, but not used in the marine survey, are included in the report.

MAP SHOWING LAND STATION SITES

The land station sites established and positioned in 1972 and 1973 are shown on this map in scale 1:2,500,000. The survey areas of the marine survey are indicated on the map.

On the map a land station used in the marine survey is indicated by a triangulation point number followed by a slash followed by a digit. The digit is zero if the land station is located on the bench mark established at the station site, whereas the digit is nonzero if the station is eccentric with respect to the bench mark.

Bench marks established and positioned at planned land station sites but not used in the marine survey, are indicated by their triangulation point number without the slash and digit.





RESULTS OF GEODETIC SURVEYS

The geographical coordinates of all bench marks and RAYDIST land station sites established in 1972-3 are given on the next two pages. The coordinates are in the "Hjörsey" datum.

The first four digit number is the number of the triangulation point in the National Grid System in Iceland. A number of one or two digits may follow the triangulation point number. If this number is other than zero, the coordinates given are the coordinates of a subsidiary point, i.e. a point situated a short distance from the triangulation point.

The geographical coordinates are given in degrees, minutes and seconds. The approximate elevation is in meters. The abbreviations under NOTE are as follows:

The at sign stands for geographical coordinates in the Hjörsey datum.

The digit following the at sign gives the order of the triangulation point.

A Reference to station description.

B Bench mark.

E No control (no part of a net or traverse).

H Peg (or wooden plate fastened on pegs).

T Tower or lighthouse.

V Cairn.

One printed page from the computer follows for each survey area. These pages should explain themselves.

NUMBER	LATITUDE	LONGITUDE	ELEV.	NOTE	NAME	DESCRIPTION	DONE
5538	0 632602.206	182609.28	12.	@3BE	5538	ALVIDRUHAMRAR RAYDIST	0572
5537	0 632400.617	201716.90	121.	@3BE	5537	STORHOFDI RAYDIST	0572
5476	634925.029	205833.70	7.	@3T	5476	KNARRAROSVITI (STETT)	0572
5476	1 634918.848	205842.88	4.	@4HE		KNARRAROS RAYDIST	0572
5483	0 634804.339	224139.99	17.	@3BE	5483	REYKJANESTA RAYDIST	0572
5475	0 634905.097	224410.59	15.	@3BE	5475	ONGLABRJOTSNEF	0572
5475	1 634905.351	224408.95	14.	@4HE		ONGLABRJOTSNEF RAYDIST	0572
5477	644620.432	223754.91	13.	@3B	5477	SKOGARNES	0572
5477	1 644620.541	223755.05		@4HE		SKOGARNES RAYDIST	0572
5536	644924.991	232618.07	95.	@3B	5536	OXL	0572
3086	644342.521	234811.14	15.	@3TE	3086	MALARRIFSVITI (GOLF)	0572
3086	1 644343.464	234753.06		@4HE		MALARRIF RAYDIST	0572
5478	0 645311.023	240241.46	10.	@3BE	5478	ONDVERDARNES RAYDIST	0572
5478	50 645309.140	240239.31	11.	@4TE		ONDVERDARNES VITI	0572
2060	0 645408.323	235608.64	16.	@3BE	2060	GUFUSKALAR	0572
2060	50 645411.735	235604.57	10.	@4TE		GUFUSKALAR LORAN A	0572
2060	51 645427.341	235521.51	14.	@4TE		GUFUSKALAR LORAN C	0572
5482	0 645504.120	235458.20	8.	@3BE	5482	BRIMSNES RAYDIST	0572
5481	650331.813	224608.48	16.	@3B	5481	STYKKISHOLMSFLUGVOLLUR	0572
5479	0 653005.342	243143.72	60.	@3BE	5479	BJARGTANGAR	0572
5479	1 653005.555	243144.13	60.	@4HE		BJARGTANGAR RAYDIST I	0572
5479	2 653012.412	243151.51	38.	@4BE		BJARGTANGAR RAYDIST II	0573
5480	0 653219.058	242723.54	206.	@3BE	5480	BJARNARNUPUR	0572
5493	0 662546.732	230818.17	2.	@3BE	5493	STRAUMNES	0572
5493	1 662545.895	230810.39	5.	@4HE		STRAUMNES RAYDIST	0573
5492	0 662244.166	223155.05	691.	@3BVE	5492	VEIDILEYSUFJ. AUSTAN	0572
5495	0 662753.772	222803.76	236.	@3BE	5495	HORN	0572
5486	0 660516.462	213241.83	11.	@3BVE	5486	VETURMYRARNES	0572
5485	0 660020.896	212028.21	69.	@3BE	5485	REYKJARNES	0572
5484	0 655956.178	211902.26	1.	@3BE	5484	GJOGUR	0572
5484	1 655956.304	211902.68	1.	@4HE		GJOGUR RAYDIST	0572
5494	0 653549.722	211817.88	5.10	@3BE	5494	BRODDAR	0572
5534	0 661151.851	185129.89	5.10	@3BE	5534	SIGLUNES	0572
5534	1 661155.840	185132.84		@4HE		SIGLUNES RAYDIST	0572
5535	0 660822.462	185355.23	16.50	@3BE	5535	RAEYRI VID SIGLUFJORD	0572
1427	661224.983	170842.08		@3TE	1427	TJORNESVITI	0572
5496	663041.330	162535.41	2.	@3BE	9496	HJALLANES FJARHUS	0572
5550	0 661010.816	163628.61	4.	@4HE	5550	AXARFJORDUR RAYDIST	0573
5551	0 662715.336	155559.38	26.	@4TE	5551	RAUFARHOFN VITI	0573
5551	1 662716.961	155559.46	24.	@	5551	RAUFARHOFN RAYDIST	0573

NUMBER	LATITUDE	LONGITUDE	ELEV.	NOTE	NAME	DESCRIPTION	DONE
5552	0 653038.772	133629.62	7.	@4TE	5552	GLETTINGANES VITI	OS73
5552	1 653039.084	133628.52	7.	@	5552	GLETTINGANES RAYDIST	OS73
5549	0 645616.062	134103.19	6.	@4BE	5549	VATTARNES RAYDIST	OS73
5547	0 641425.864	145745.17	16.	@3BE	5547	STOKKSNES RAYDIST	OS73
5546	640949.019	154936.49	8.	@3B	5546	STADARA RAYDIST	OS73
5545	0 640816.630	155850.86	28.	@3B	5545	SLETTALEITI	OS73
0019	634813.408	163817.96	0076.	@2A	0019	INGOLFSHOFDI	
5539	634758.807	163828.90		@3BE		EIRIKSNEF RAYDIST	OS72
0019	50 634807.370	163815.77		@4TE		INGOLFSHOFDI VITI	OS72
5548	1 633856.758	174949.63	3.	@3HE		SKAFTAROS RAYDIST	OS73
9990	635950.349	223238.87	5.	@	9990	KEFLAVIK HARBOUR	OS72
9901	0 641457.094	151145.90	4.	@	9901	HORNAFJORDUR HARBOUR	OS73
9902	1 635129.557	212203.57		@	9902	THORLAKSHOFN HARBOUR	OS73

SURVEY AREA NO 03
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5537 0	63	24 .616	20	17 16.899	121	5537 STORHOFDI RAYDIST OS72
	63	24.0102	20	17.2816		
	63.	400171	20.	288027		
5538 0	63	26 2.205	18	26 9.278	12	5538 ALVIDRUHAMRAR RAYDIST OS72
	63	26.0367	18	26.1546		
	63.	433945	18.	435910		

DISTANCE BETWEEN STATIONS 92590 METERS

AZIMUTH FROM NORTH AT STATION 5537 IS 86 DEG. 50.49 MIN.

AZIMUTH FROM NORTH AT STATION 5538 IS 268 DEG. 29.87 MIN.

CONFORMAL CONICAL COORDINATES

5537	323689.53	614375.43
5538	325460.98	521769.20

SURVEY AREA ND 04
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5483 0	63	48	4.339	22 41	39.990	17 5483 REYKJANESTA RAYDIST 0S72
	63	48.0723		22	41.6665	
	63.	801205		22.	694441	
5476 1	63	49	18.847	20 58	42.881	4 KNARRAROS RAYDIST 0S72
	63	49.3141		20	58.7146	
	63.	821902		20.	978578	

DISTANCE BETWEEN STATIONS 84559 METERS

AZIMUTH FROM NORTH AT STATION 5483 IS 87 DEG. 40.00 MIN.

AZIMUTH FROM NORTH AT STATION 5476 IS 269 DEG. 12.38 MIN.

CONFORMAL CONICAL COORDINATES

5483	374926.02	731186.79
5476	372101.77	646657.68

SURVEY AREA NO 05
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION			
	DEG	MIN	SEC	DEG	MIN	SEC			
3086 1	64	43	43.464	23	47	53.055	10	MALARRIF RAYDIST	OS72
	64	43	72.44	23	47	88.42			
	64	72	87.40	23	79	80.70			
5477 1	64	46	20.541	22	37	55.047	10	SKOGARNES RAYDIST	OS72
	64	46	34.23	22	37	91.74			
	64	77	23.72	22	63	19.57			

DISTANCE BETWEEN STATIONS 55739 METERS

AZIMUTH FROM NORTH AT STATION 3086 IS 84 DEG. 27.95 MIN.

AZIMUTH FROM NORTH AT STATION 5477 IS 265 DEG. 31.23 MIN.

CONFORMAL CONICAL COORDINATES

3086	482417.69	775927.67
5477	482690.45	720188.61

SURVEY AREA NO 06
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION			
	DEG	MIN	SEC	DEG	MIN	SEC			
3086 1	64	43	43.464	23	47	53.055	10	MALARRIF RAYDIST	OS72
	64	43	72.44	23	47	88.42			
	64	72	87.40	23	79	80.70			
5475 1	63	49	5.351	22	44	8.951	14	ONGLABRJOTSNEF RAYDIST	OS72
	63	49	08.91	22	44	14.91			
	63	81	81.53	22	73	58.19			

DISTANCE BETWEEN STATIONS 113818 METERS

AZIMUTH FROM NORTH AT STATION 3086 IS 152 DEG. 38.07 MIN.

AZIMUTH FROM NORTH AT STATION 5475 IS 333 DEG. 35.49 MIN.

CONFORMAL CONICAL COORDINATES

3086	482417.69	775927.67
5475	376962.44	733079.30

SURVEY AREA NO 07
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5479 1	65	30	5.555	24 31	44.127	60 BJARGTANGAR RAYDIST I OS72
	65	30.0925		24	31.7354	
	65.501543		24.528924			
5478 0	64	53	11.023	24 2	41.457	10 5478 ONDVERDARNES RAYDIST OS72
	64	53.1837		24	2.6909	
	64.886395		24.044849			

DISTANCE BETWEEN STATIONS 72239 METERS

AZIMUTH FROM NORTH AT STATION 5479 IS 161 DEG. 29.33 MIN.

AZIMUTH FROM NORTH AT STATION 5478 IS 341 DEG. 55.71 MIN.

CONFORMAL CONICAL COORDINATES

5479	571516.85	801708.71
5478	501015.20	785958.48

SURVEY AREA NO 09
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5481 0	65	3 31.812	22	46 8.480	16	5481 STYKKISHOLMSFLUGVOLLUR OS72
	65	3.5302	22	46.1413		
	65.058836		22.769022			
5482 0	64	55 4.120	23	54 58.195	8	5482 BRIMSNEES RAYDIST OS72
	64	55.0686	23	54.9699		
	64.917811		23.916165			

DISTANCE BETWEEN STATIONS 56380 METERS

AZIMUTH FROM NORTH AT STATION 5481 IS 254 DEG. 19.57 MIN.

AZIMUTH FROM NORTH AT STATION 5482 IS 73 DEG. 17.20 MIN.

CONFORMAL CONICAL COORDINATES

5481	515023.87	724284.90
5482	503926.74	779561.59

SURVEY AREA NO 10
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5493 1	66	25 45.895	23	8 10.385	5	STRAUMNES RAYDIST OS73
	66	25.7649	23	8.1730		
	66.429415		23.136218			
5479 2	65	30 12.412	24	31 51.506	38	BJARGTANGAR RAYDIST II OS73
	65	30.2068	24	31.8584		
	65.503447		24.530974			

DISTANCE BETWEEN STATIONS 121169 METERS

AZIMUTH FROM NORTH AT STATION 5493 IS 212 DEG. 11.68 MIN.

AZIMUTH FROM NORTH AT STATION 5479 IS 30 DEG. 55.24 MIN.

CONFORMAL CONICAL COORDINATES

5493	668720.80	729112.80
5479	571737.90	801781.19

SURVEY AREA NO 11
=====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION			
	DEG	MIN	SEC	DEG	MIN	SEC			
5534 1	66	11	55.840	18	51	32.836	5	SIGLUNES RAYDIST	OS72
	66	11	93.06	18	51	54.72			
	66	19	88.44	18	59	12.1			
5484 1	65	59	56.304	21	19	2.677	1	GJOGUR RAYDIST	OS72
	65	59	93.84	21	19	04.46			
	65	99	89.73	21	31	74.10			

DISTANCE BETWEEN STATIONS 113395 METERS

AZIMUTH FROM NORTH AT STATION 5534 IS 259 DEG. 47.44 MIN.

AZIMUTH FROM NORTH AT STATION 5484 IS 77 DEG. 32.58 MIN.

CONFORMAL CONICAL COORDINATES

5534	633952.09	538713.60
5484	615348.54	650593.93

SURVEY AREA NO 12
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5550 0	66	10 10.816	16	36 28.615	4	5550 AXARFJORDUR RAYDIST OS73
	66	10.1802	16	36.4769		
	66.	169671	16.	607948		
5534 1	66	11 55.840	18	51 32.836	5	SIGLUNES RAYDIST OS72
	66	11.9306	18	51.5472		
	66.	198844	18.	859121		

DISTANCE BETWEEN STATIONS 101528 METERS

AZIMUTH FROM NORTH AT STATION 5550 IS 272 DEG. 51.94 MIN.

AZIMUTH FROM NORTH AT STATION 5534 IS 90 DEG. 48.37 MIN.

CONFORMAL CONICAL COORDINATES

5550	631126.45	437203.08
5534	633952.09	538713.60

SURVEY AREA NO 13
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION	
	DEG	MIN	SEC	DEG	MIN	SEC	
5552 1	65	30	39.084	13	36	28.521	7 5552 GLETTINGANES RAYDIST OS73
	65	30	.6514	13	36	.4753	
	65	51	0856	13	60	7922	
5551 1	66	27	16.961	15	55	59.457	24 5551 RAUFARHOFN RAYDIST OS73
	66	27	.2826	15	55	.9909	
	66	45	4711	15	93	3182	

DISTANCE BETWEEN STATIONS 149116 METERS

AZIMUTH FROM NORTH AT STATION 5552 IS 315 DEG. 56.90 MIN.

AZIMUTH FROM NORTH AT STATION 5551 IS 133 DEG. 49.45 MIN.

CONFORMAL CONICAL COORDINATES

5552	564019.61	296911.70
5551	663737.52	407812.04

SURVEY AREA NO 14
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5549 0	64	56 16.062	13	41 3.191	6	5549 VATTARNES RAYDIST 0S73
	64	56.2677	13	41.0531		
		64.937795		13.684219		
5552 1	65	30 39.084	13	36 28.521	7	5552 GLETTINGANES RAYDIST 0S73
	65	30.6514	13	36.4753		
		65.510856		13.607922		

DISTANCE BETWEEN STATIONS 63997 METERS

AZIMUTH FROM NORTH AT STATION 5549 IS 3 DEG. 9.75 MIN.

AZIMUTH FROM NORTH AT STATION 5552 IS 183 DEG. 13.91 MIN.

CONFORMAL CONICAL COORDINATES

5549	500027.71	296075.39
5552	564019.61	296911.70

SURVEY AREA NO 08
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5547 0	64	14 25.863	14	57 45.166	16	5547 STOKKSNES RAYDIST 0S73
	64	14.4310	14	57.7527		
	64.	240517	14.	962546		
5549 0	64	56 16.062	13	41 3.191	6	5549 VATTARNES RAYDIST 0S73
	64	56.2677	13	41.0531		
	64.	937795	13.	684219		

DISTANCE BETWEEN STATIONS 98956 METERS

AZIMUTH FROM NORTH AT STATION 5547 IS 37 DEG. 39.01 MIN.

AZIMUTH FROM NORTH AT STATION 5549 IS 218 DEG. 48.29 MIN.

CONFORMAL CONICAL COORDINATES

5547	418861.00	352687.36
5549	500027.71	296075.39

SURVEY AREA NO 02

=====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION			
	DEG	MIN SEC	DEG	MIN SEC					
5548 1	63	38	56.757	17	49	49.633	3	SKAFTAROS RAYDIST	OS73
	63	38.9459		17	49.8272				
	63.649099		17.830453						
5546 0	64	9	49.019	15	49	36.489	8	5546 STADARA RAYDIST	OS73
	64	9.8169		15	49.6081				
	64.163616		15.826802						

DISTANCE BETWEEN STATIONS 113869 METERS

AZIMUTH FROM NORTH AT STATION 5548 IS 58 DEG. 51.48 MIN.

AZIMUTH FROM NORTH AT STATION 5546 IS 240 DEG. 39.44 MIN.

CONFORMAL CONICAL COORDINATES

5548	349389.11	491597.22
5546	408564.32	394288.22

SURVEY AREA NO 2B
 =====

STATION NUMBER	LATITUDE		LONGITUDE		ELE.	NOTE OR DESCRIPTION
	DEG	MIN SEC	DEG	MIN SEC		
5548 1	63	38 56.757	17	49 49.633	3	SKAFTAROS RAYDIST 0S73
	63	38.9459	17	49.8272		
	63.	649099	17.	830453		
5539 0	63	47 58.806	16	38 28.896	60	EIRIKSNEF RAYDIST 0S72
	63	47.9801	16	38.4816		
	63.	799668	16.	641360		

DISTANCE BETWEEN STATIONS 61110 METERS

AZIMUTH FROM NORTH AT STATION 5548 IS 73 DEG. 31.50 MIN.

AZIMUTH FROM NORTH AT STATION 5539 IS 254 DEG. 35.47 MIN.

CONFORMAL CONICAL COORDINATES

5548	349389.11	491597.22
5539	366886.76	433031.12

DESCRIPTION OF STATION SITES

A short description of the station sites is given on the following pages. The description for the stations used in the marine survey is as follows:

The number of the survey area or areas, for which the station is to serve, is given first. Then the number and the name of the station is given.

The station number is a four digit triangulation point number, followed by a slash, followed by one digit. If this digit is zero, the station is to be located right on the bench mark (triangulation point). If the digit is 1 or 2, the site of the station is some distance away from the bench mark.

A general statement on locality, followed by a map reference, is given next. After this comes a verbal description of the bench mark and the station site, together with other pertinent information.

Descriptions of stations positioned but not used in the marine survey are included. For such stations the slash and digit following the station number is omitted as well as the survey area number.

SURVEY AREA 03 EAST

5538/0 Alviðruhamrar

The west end of the low cliffs Alviðruhamrar.
Sheet 5817 II series C762.

The bench mark is a plate marked OS-1972-5538 in a rock or stone almost covered by sand 25 meters from the north-east corner of a Red Cross stone hut and in an easterly direction opposite to Hjörleifshöfði.

The bench mark is the site of the RAYDIST land station.

A track runs east of the church at Þykkvabæjarklaustur, south to the lighthouse at the coast, and from there, in the sand along the coast, west to the Red Cross hut. Permission should be obtained from the Red Cross to use their hut as quarters during the operation of the RAYDIST.

SURVEY AREA 03 WEST

5537/0 Stórhöfði

On top of cape Stórhöfði in the Westman Islands.
Sheet 5617 II series C762.

The bench mark is a plate marked OS-1972-5537 in the northmost of three concrete bases (under a now vanished windmill), midway between the gate and the house on top of Stórhöfði, and 13 meters east of the road to the house. The bench mark is the site of the RAYDIST land station.

You can call a taxi from the airport or the harbour, and when it arrives you find that it is a truck, which can take you and all your equipment to Stórhöfði.

It is likely that the operators of the RAYDIST station can get board and lodging at Stórhöfði, if the people there are contacted beforehand.

SURVEY AREA 04 EAST

5476/1 Knarrarósviti

Near the lighthouse Knarrarósviti east of Stokkseyri.
Sheet 5618 III series C762.

The lighthouse itself is triangulation point 5476.
The site of the RAYDIST land station is marked by a white wooden plate, fastened by pegs into the grass covered soil, 20-30 meters from the rocks nearer the sea. This place is 225 meters from the lighthouse in a southwesterly direction, opposite to the mountain Hestfjall.

The road from Stokkseyri is a few meters north of the lighthouse, and you can drive up to the station.

SURVEY AREA 04 WEST

5483/0 Reykjanestá

Near the small lighthouse at the southmost tip of Reykjanes.
Sheet 1512IV series C761.

The bench mark is a plate marked OS-1972-5483 in flat lava rocks, 180 meters northeast of the lighthouse, and about 50 meters from the edge of the cliff at the seashore.

It is not possible to use stakes at this station.

A white circle is painted around the bench mark.

The bench mark is the site of the RAYDIST land station.

A track starts from the road immediately north of the large lighthouse Reykjanesviti, and runs south and east to the smaller lighthouse at Reykjanestá. By leaving this track a few hundred meters before it reaches the lighthouse, it is possible to drive up to the station.

SURVEY AREA 06 SOUTH

5475/1 Önglabrjótsnef

The southwest corner of Reykjanes.

Sheet 1512 IV series C761.

The bench mark is a plate marked OS-1972-5475 in the rocks of Önglabrjótsnef, among large boulders, and about 10 meters south of a small plane sparsely grown with grass.

The planned site of the RAYDIST station was marked with a white wooden plate, fastened by pegs into the ground, on the plane about 25 meters from the bench mark.

The RAYDIST land station was raised 2.1 m from this place, and the coordinates have been corrected because of this.

You can drive practically to the station site.

SURVEY AREA 05 EAST

5477/1 Skógarnes

At the base of Snæfellsnes peninsula on the south side.

Sheet 5421 III series C762.

The bench mark is a plate marked OS-1972-5477 in a small stone, 50 meters from the southwest end of a grass covered low ridge, running southwest to northeast, about 2 km south of farm Skógarnes, and near the sea.

In 1972 the RAYDIST land station was raised 3.9 m from the bench mark, and this has been accounted for in the calculation of coordinates.

It is possible to drive up to the station site from the Skógarnes farm.

SURVEY AREAS 05/06

3086/1 Malarrif

To the south of the glacier Snæfellsjökull.
Sheet 5321 III series C762.

The centre of the lighthouse at Malarrif is triangulation point 3086. There is a plate dating from 1959 (Icelandic Survey Department) on the roof of the lighthouse, but this plate is eccentric.

The site of the RAYDIST land station is about 240 meters to the east, 7 m west of a fence, and 11 m north of a fence, and just south of grass covered ruins of a small house or hut. This place was marked with a white wooden plate, fastened with pegs driven into the ground, and this is where the RAYDIST station was raised in 1972.

SURVEY AREA 07 SOUTH

5478/0 Öndverðarnes

To the northwest of the glacier Snæfellsjökull.
Sheet 5321 IV series C762.

The bench mark is a plate marked OS-1972-5478 in rocks, 65 meters NNW of the lighthouse on Öndverðarnes.

There are boulders all around the bench mark, except to the west. The sea is about 30 meters to the west, and the same distance to the north.

A white circle is painted around the bench mark.

The bench mark is the site of the RAYDIST land station.

There is a track to the lighthouse from the main road, not far from Gufuskálar, but the driving is slow.

SURVEY AREA 09 WEST

5482/0 Brimsnes

West of the village Hellissandur.

Sheet 5321 IV series C762.

The bench mark is a plate marked OS-1972-5482 in a large rock at the boundary, fortified by boulders, between sand on the landward side, and flat rocks flooded at high tide. This place is at the north-west extreme of Krossavík bay.

A white circle was painted around the bench mark.

The bench mark is the site of the RAYDIST land station.

It is possible to drive up to the station site.

SURVEY AREA 09 EAST

5481/0 Stykkishólmsflugvöllur

Airfield southwest of Stykkishólmur village.

Sheet 5422 III series C762.

The bench mark is a plate marked OS-1972-5481 in flat rock, about 75 meters north of the new airfield being built, and about 100 meters from the sea. About 25 meters to the west, the rock is covered by soil and grass, and is about one meter higher than the bench mark.

A white circle was painted around the bench mark.

The bench mark is the site of the RAYDIST land station.

It may be impossible to drive the last 75 meters from the airfield.

SURVEY AREA 07 NORTH

5479/1 Bjargtanger I

The southwest point of the northwestern peninsula.
Sheet 5223 I series C762.

The bench mark is a plate marked OS-1972-5479 in a large stone (1 m x 1 m and 1 m high) about 240 meters east of the lighthouse, and about 30 meters from the vertical cliff at the seashore.

The site of the RAYDIST land station is 8.4 meters from the bench mark, in the direction to the house (power plant) near the lighthouse. The site is marked with a white wooden plate, on pegs driven into the ground.

You can drive the 100 meters from the road to the station.

SURVEY AREA 10 SOUTH

5479/2 Bjargtanger II

The southwest point of the northwestern peninsula.
Sheet 5223 I series C762.

The site of the RAYDIST land station is a bench mark, marked U.S. Navy Hydrographic Office Triangulation Point. This bench mark is a large plate with a triangle in its centre, fastened to a stone on the plane northeast of the lighthouse at Bjargtanger. There are two more bench marks, to the north and the east of this main bench mark, and these have arrows pointing to the main bench mark. The main bench mark is 73 m north-northeast of the power-house near the lighthouse.

SURVEY AREA 10 NORTH

5493/1 Straumnes

The northwest point of the northwestern peninsula.
Sheet 5426 III series C762.

The bench mark is a plate marked OS-1972-5493 in flat rocks, 196 meters southwest of the lighthouse at Straumnes, and about 50 meters from the sea on the south and west. A few meters to the west of the bench mark is a hollow in the rocks, filled with sea water.

A yellow rectangle was painted around the bench mark. The site of the RAYDIST land station is 100.0 meters from the bench mark in an easterly direction perpendicular to the line from the bench mark to Ritur, the nearest triangulation point.

The positioning of the station site with respect to the bench mark was carried out and rechecked by the land station operators.

5495 Horn

East of Hornvík at the north of the northwestern peninsula.
Sheet 5426 II series C762.

The bench mark is a plate marked OS-1972-5495 in a stone, about 2 meters from the edge of the 230 meter high cliff dropping into the sea, and about 100 meters from the west end of the ridge, on which the bench mark is situated. This station site was not used in the marine survey.

It is usually not difficult to land a boat near the ruined farm Horn (or a little farther north), from where a walking track leads to the station site.

5486 Veturmýrarnes

On the northeast coast of the northwestern peninsula.
Sheet 5525 III series C762.

The bench mark is a plate marked OS-1972-5486 under a cairn, on the north shore of the peninsula Veturmýrarnes. The cairn was at its present site before we rebuilt it. This station site was not used in the marine survey. It is possible to drive to Fell the nearest farm, and from there all but the nearest 100 m to the cairn.

SURVEY AREA 11 WEST

5484/1 Gjögur

The north extreme of the west coast of Húnaflói.
Sheet 5524 IV series C762.

The bench mark is a plate marked OS-1972-5484 in a rock, almost covered by sand, at the south edge of a small grass grown plane, and about 35 meters southwest of isolated rocks at the seashore 100 to 150 meters north of the light-house.

The site of the RAYDIST land station is 6.6 meters northwest of the bench mark, as indicated by a white wooden plate. You drive to the airfield at Gjögur, and from there a track leads to the station site.

5494 Broddar

At the boundary between Húnaflói and Steingrímsfjörður.
Sheet 5523 I series C762.

The bench mark is a plate marked OS-1972-5494 in a 0.5 m high stone, at the south edge of the track from the farm Broddadalsá to the place called Broddar, east of the farm. This place is about 300 meters west of a large circular, rounded rock in the sea about 50 meters from the shore. This station site was not used in the marine survey.

A good track leads from the farm Broddadalsá to the station site.

SURVEY AREAS 11/12

5534/1 Siglunes

Peninsula northeast of Siglufjörður village.
Sheet 5825 IV series C762.

The bench mark is a plate marked OS-1972-5534 in a large stone, about 50 meters from each of three small huts, near the end of the Siglunes peninsula.

The site of the RAYDIST land station is marked by a white wooden plate, fastened by pegs into the ground, 129.0 meters north of the bench mark, about 30 meters from the northernmost hut, and about 30 meters from the north-east shore.

It is likely that the operators of the RAYDIST land station can get permission to use one of the many unoccupied houses in the peninsula, or will get board and lodging at Reyðará, about two kilometers to the east of the station.

You travel by boat from Siglufjörður to the peninsula.

1427 Tjörnes

Lighthouse at the Tjörnes peninsula.

Sheet 5925 I series C762.

The centre of the lighthouse is triangulation point 1427. This station site was not used in the marine survey.

The track to the lighthouse runs from the main road just east of the peninsula, on which the lighthouse stands, and mounts the peninsula at the seashore.

SURVEY AREA 12 EAST

5550/0 Axarfjörður

At the seashore near Skógar in Axarfjörður.

Sheet 6025 III series C762.

The site of the RAYDIST land station is marked by a white wooden plate fastened by pegs into the sand about 100 meters from the seashore. No bench mark was established at this station site.

A straight track leads from the north farm at Skógar directly to the station site.

5496 Hjallanes

In the northwest of the Melrakkaslétta peninsula.
Sheet 6026 IV series C762.

The bench mark is a plate marked OS-1972-5496 in the southeast corner of the ruins of a small concrete house, about 1500 meters north of the ruins of Oddsstaðir farm. This station site was not used in the marine survey.

The track to Oddsstaðir leaves the main road 1.9 km north-east of the cross-roads with the sign marked Núpskatla. It is possible to drive from Oddsstaðir west of the lake west of the station site, and to the sea northwest of the house with the bench mark, and from there along the shore to the station site.

SURVEY AREA 13 NORTH

5551/1 Raufarhöfn

Near the lighthouse near Raufarhöfn harbour.
Sheet 6026 II series C762.

Triangulation point 5551 is the centre of the lighthouse in the peninsula north and east of Raufarhöfn harbour. The site of the RAYDIST land station is marked with a white wooden plate, fastened by pegs into the ground, 50 meters north of the lighthouse.

It is possible to drive up to the lighthouse.

SURVEY AREAS 13/14

5552/1 Glettinganes

Near the lighthouse at Glettinganes.

Sheet 6323 IV series C762.

Triangulation point 5552 is the centre of the lighthouse at Glettinganes.

The site of the RAYDIST land station, marked by a wooden peg, is about 15 meters northeast and directly in front of the lighthouse.

In calm weather it is possible to land in a small boat in the bay west of the lighthouse. The land station operators can live in an abandoned house 300 meters southwest of the lighthouse.

SURVEY AREAS 14/08

5549/0 Vattarnes

Near the lighthouse at Vattarnes south of Reyðarfjörður.
Sheet 6321 IV series C762.

The site of the RAYDIST land station is at triangulation point 5549 on the cliffs 100 meters north of the lighthouse at Vattarnes. The site is 25 meters from the east edge and 70-80 meters from the west edge of the cliffs, and it is marked by a bench mark surrounded by a red circle painted on the cliffs.

It is possible to drive up to the peninsula on which the lighthouse is located.

SURVEY AREA 08 SOUTH

5547 Stokksnes

Near the lighthouse on Stokksnes in southeast Iceland.
Sheet 6219 IV series C762.

The site of the RAYDIST land station is on bench mark 5547, which is a plate marked OS-1973-5547 on the cliffs 100 meters east-northeast of the lighthouse on Stokksnes. The bench mark is about 50 meters from the sea, and it is surrounded by a circle painted on the cliffs. A road leads to the Navy Base at Stokksnes, and a track from there up to the lighthouse.

SURVEY AREA 02 EAST

5546/0 Staðará

In the southeast of Iceland about 30 km west of the village Höfn í Hornafirði.
Sheet 6119 III series C762.

The bench mark is a plate marked OS-1973-5546 in flat rocks 100 meters from the sea and about 300 meters east of the low cliffs Þrándarholt at the mouth of river Staðará. The bench mark is in the middle of the low rocks which run perhaps 50 meters in an east-west direction and are surrounded by sand. A yellow circle is painted around the bench mark.

The bench mark is the site of the RAYDIST land station.

A track starts within 200 meters east of the bridge on Staðará and runs near the east bank of the river towards the sea.

SURVEY AREA 2B EAST

5539/0 Eiríksnef

The southernmost point of cape Ingólfshöfði.

Sheet 6018 III series C762.

The bench mark is a plate marked OS-1972-5539 in a flat rock surrounded by grass, 90 meters northwest of Eiríksnef, the southernmost point of Ingólfshöfði.

A white circle is painted around the bench mark.

The bench mark is the site of the RAYDIST land station.

A track, mostly under water, runs from the airport at Fagurhólsmýri to the cape.

SURVEY AREAS 02/2B

5548/1 Skaftárós

Near the lighthouse at the mouth of river Skaftá in the southeast of Iceland.

Sheet 5917 IV series C762.

Triangulation point 5548 is the centre of the lighthouse at Skaftárós west of the mouth of river Skaftá. The site of the RAYDIST land station is marked with a wooden plate fastened into the sand 46.7 meters from the triangulation point in a direction opposite the Red Cross hut near the lighthouse.

The lighthouse can be reached by car from the main road by crossing the bridge at the farm Syðri-Steinsmýri.

CHECK POINTS FOR CALIBRATION

9990 Keflavík harbour.

This point is 2 meters west of the southwest corner of the longest quay, running north-south, in Keflavík harbour.

9901/0 Hornafjörður harbour.

A yellow painted pillar, the third from the SW-corner, on the (easternmost) quay for ocean going ships in the village Höfn í Hornafirði in the southeast of Iceland.

2055 Hrollaugseyjar lighthouse.

The large lighthouse on one of the islands Hrollaugseyjar in survey area 02 in the southeast of Iceland is triangulation point 2055 of second order.

9902/1 Þorlákshöfn harbour.

The third pillar from the end of the (southernmost) quay for ocean going ships in Þorlákshöfn harbour on the southwest coast of Iceland (survey area 04).

A small red circle is painted on the top of the pillar.

COMPUTER INPUT/OUTPUT

The following pages are of little interest to most readers of this report, but the report would not be complete without the information given.

The information consists of the input to and output from three standard programs used at the NEA for the processing of geodetic survey data.

The programs are the following:

Program TRI0-TRI5 for the adjustment of triangulation.

Program GTPOL for the positioning of single points by angular and distance measurements.

Program HJAP for the positioning of subsidiary points, situated a short distance from a triangulation point.

The last five pages of the report contain information as follows:

On two pages the information pertaining to the calculation of refractive index is shown.

The rectangular coordinates (conformal conical projection in the Hjørsey datum) of all bench marks and station sites are given on the next two pages.

The last page of the report contains the geographical coordinates of the station sites in the "Reykjavík" datum, the datum used in connection with the AMS maps of Iceland. These coordinates are obtained by an empirical transformation of rectangular coordinates, followed by an exact transformation of rectangular into geographical coordinates.

** LOCATION OF RAYDIST LAND STATIONS ** ADJUSTED DIRECTIONS AND DISTANCES **

STAT	NUMB	GRADS	ERROR	NAME	D	M	SEC	NUMB	DISTANCE	NAME
2035	EXC	1.656	.281	2035						
	101	226.22042	11.05	0101	203	35	54.2	101	16227.70	0101
	5477	8.56263	-11.05	5477	7	42	22.9	5477	17734.85	5477
5477				5477						
	2035	208.56908	7.75	2035	187	42	43.8	2035	17735.35	2035
	8880	15.51343	-7.75	SNO	13	57	43.5	8880	22398.38	SNO
8880				SNO						
	5477	215.51423	6.75	5477	193	57	46.1	5477	22398.38	5477
	5536	13.09708	-6.75	SNI	11	47	14.5	5536	16365.18	SNI
5536				SNI						
	8880	213.09760	4.80	SNO	191	47	16.2	8880	16365.18	SNO
	107	10.20836	-4.80	0107	9	11	15.1	107	12697.50	0107
5536				0107						
	EXC	-2.650	-0.932	0107						
	2035	212.18771	-3.30	2035	190	58	08.2	2035	69127.97	2035
	5536	210.19635	3.30	SNI	189	10	36.2	5536	12696.16	SNI
5536				SNI						
	8880	213.09760	-0.20	SNO	191	47	16.2	8880	16365.18	SNO
	8882	366.47046	.20	SN2	329	49	24.2	8882	13387.45	SN2
8882				SN2						
	5536	166.47088	-0.20	SNI	149	49	25.7	5536	13387.45	SNI
	3086	378.85334	.20	3086	340	58	04.8	3086	7036.47	3086
2035				2035						
	5477	-0.064 M	-6.59	5477				5477	17735.348	5477
				DIST						
				1.6182E-04						
5477				5477						
				DIST						
				1.3853E-04						
8880				8880						
				DIST						
				1.3853E-04						
8880				8880						
				DIST						
				1.3853E-04						
8880				8880						
				DIST						
				1.3853E-04						
8880				8880						
				DIST						
				1.3853E-04						
8880				8880						
				DIST						
				1.3853E-04						
8880				8880						
				DIST						
				1.3853E-04						

** LOCATION OF RAYDIST LAND STATIONS ** ADJUSTED DIRECTIONS AND DISTANCES **

STAT	NUMB	GRADS	ERROR	NAME	D	M	SEC	NUMB	DISTANCE	NAME
8880	5536	-0.052 M	-5.63	SNO SN1	1.7023E-04		5536	16365.175	SN1	
5536	8882	0.000 M	0.00	SN1 SN2	1.9191E-04		8882	13387.451	SN2	
8882	3086	-0.004 M	-0.68	SN2 3086	2.6346E-04		3086	7036.471	3086	
107	5536	-0.044 M	-5.53	0107 SN1	1.9773E-04		5536	12697.501	SN1	

** LOCATION OF RAYDIST LAND STATIONS ** ADJUSTED COORDINATES **

CORRECTIONS	MEAN ERRORS	NUMBER	Y-NORTH	X-WEST
CORR	ERR	-1	4.88 SEC	15.06 CC
-0.36	.36	5477	482686.93	720187.04
-0.31	.46	8880	488091.35	741923.64
-0.12	.29	5536	491434.50	757943.70
.01	.52	8882	484705.11	769516.91
.08	.77	3086	482410.56	776168.75

INPUT GTPOL

```

-----
001      323799.0  537189.6  0221.
0035     326545.7  550318.7  0512.
0036     323664.6  551407.8  0231.
0038     341454.6  584313.5  0810.
0045     329236.4  612860.8  0283.
0047     391583.8  648176.8  0551.2
0060     473812.4  687741.7  0460.7
0101     510288.8  709422.7  0324.
0105     493461.9  770478.3  0847.
0107     531582.5  708385.7  0496.
0110     539959.5  685795.1  0923.
0113     384644.7  721992.6  0161.4
1087     513103.2  722503.0  0075.
1163     480307.0  702612.1  0048.
2035     368706.7  640564.9  0008.
2003     376292.1  730589.4  0076.0
3007
9999
00380035AG103913006.  3091331481.
AG10003855382098533.  3171645745.
0047003655371142243.  300 575015.
3007108754831753264.  311 149182.
3007108754752655316.  312 259932.
0107203520602333483.  3021349564.
2060010754781394453.  322 546438.
20600107LORC3120623.  85506.
20600107GUL 2930988.  321 160938.
GUL 010754822782356.  35338.
9999
9999
HJORLEIFSHOFDI
HATTA
REYNISFJALL
STEINAFJALL
HEIMAKLETTUR
INGOLFSFJALL
GRIMSSTADAMULI
SANDKULUR
KLOFNINGUR
HAFRATINDUR
BARNABORGARHRAUN VESTUR
STRYTA
SKALAFELL
*2BV 0035
*2BV 0036
*2BV 0038
*2BV 0045
*2AV 0047
*2BV 0060
*1BV 0101
*2BV 0105
*2BV 0107
*2BV 0110
*1BV 0113
*2B 1087
*3V 1163
*2BV 2035
*1BV 2003
*3BV 3007
153 146 0581006835. 086 994363..303265 599.
153 149 0611004194. 075 997313..
139 149 0691018284. 137 982288..
120 159 0671025466. 058 975315..
120 154 0661015303. 062 985293..
130 152 0671039805. 110 961368..266263 281.
141 140 0681000981. 052 999518..
156 150 1471001849.
141 128 0561001509. 050 999232..
140 142 1401010401.

```

OUTPUT GTPOL

0 325603.14 538231.79 100.75
5538 0 325460.98 521769.20 11.89
5537 0 323689.53 614375.43 120.74
5483 0 374926.02 731186.79 17.01
5475 0 376956.25 733102.27 14.54
2060 0 502292.91 780645.59 16.22
5478 0 501015.20 785958.48 9.86
0 502821.29 779973.34 13.87
0 503615.00 779727.89 13.37
0 503926.74 779561.59 7.61
00380038AG1013312917 8.159
AG10AG10553816457188 9.260
004700475537 5747824 5.511
300730075483 1490678 4.021
300730075475 2598616 4.409
01070107206013467011 8.213
206020605478 5464380 5.412
20602060LORC 855054 3.799
20602060GUI 1609380 4.063
GUI GUI 5482 353333 3.623

AG10
5538
5537
5483
5475
2060
5478
LORC
GUI
5482

9995
9995
9995
9995
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9995

OUTPUT GTPOL

0	571960.59	792138.40	461.00	GT1	9995
5480	0	575287.01	797953.77	5480	9995
5479	0	571509.76	801704.17	5479	9995
5493	0	668754.49	729206.96	5493	9995
5492	0	661042.70	702611.06	5492	9995
5495	0	670408.12	699066.05	5495	9995
9130	0	606302.39	661434.26	9130	9995
5485	0	616166.16	651631.26	5485	9995
5486	0	625812.40	660356.83	5486	9995
5484	0	615344.35	650588.87	5484	9995
0	572815.49	656772.51	17.80	AG11	9995
5494	0	570567.96	652371.20	5494	9995
5535	0	627366.46	540589.85	5535	9995
5534	0	633828.02	538678.43	5534	9995
9427	0	634847.51	461488.19	9427	9995
9496	0	669434.26	429972.41	9496	9995
0	640133.78	360418.66	261.35	GT31	9995
11731173GT1	130572	3.545			
GT1	5480	6699259	5.844		
548054805479	5322682	5.362			
013601365493	8512505	6.479			
01360136549229453476		13.808			
54925492549510010755		7.003			
013001309130	161500	3.556			
91309130548513904591		8.366			
54855485548613004938		8.051			
548554855484	1327189	3.964			
12601260AG11	5248973	5.337			
AG11AG115494	4941682	5.229			
014501455535	4324225	5.013			
553555355534	6736929	5.857			
01630163942734206863		15.472			
0163016394961	7612591	9.664			
14811481GT31	23629776	11.770			

INPUT HJAP

0019	367342.1	432891.2	0076.	*2A	0019	INGOLFSHOFDI	OS72
0023	386831.3	476254.4	0767.	*2BV	0023	LOMAGNUPUR	OS72
0060	391583.8	648176.8	0551.2	*2BV	0060	INGOLFSFJALL	OS72
3007	376292.1	730589.4	0076.0	*3BV	3007	SKALAFELL	OS72
2035	480307.0	702612.1	0048.	*2BV	2035	BARNABORGARHRAUN VESTUR	OS72
0107	493461.9	770478.3	0847.	*2BV	0107	SANDKULUR	OS72
0136	660735.7	732071.5	0482.	*2BV	0136	RITUR	OS72
0163	651914.6	431833.2	0284.	*2ABV	0163	SNARTARSTADANUPUR	OS72
1481	658013.4	344959.7	0050.	*4A	1481	LANGANESVITI	OS72
1484	614761.8	350712.8	0285.	*2V	1484	DIGRANES SUDUR	OS72
8880	488091.35	741923.64		*	SNO		
8882	484705.11	769516.91		*	SN2		
9427	572815.49	656772.51	17.80		AG11		
9496	634847.51	461488.19	19.00		9427		
5538	669434.26	429972.41	1.67		9496		
5537	502821.29	779973.34	13.87		LORC		
5476	325460.98	521769.20	12.		5538	ALVIDRUHAMRAR	OS72
5483	323689.53	614375.43	121.	*3B	5537	STORHOFDI	OS72
5475	372287.10	646523.24	7.	*3B	5476	KNARRAROSVITI (STETT)	OS72
5477	374926.02	731186.79	17.	*3T	5483	REYKJANESTA	OS72
5536	376956.25	733102.27	15.	*3B	5475	ONGLABRJOTSNEF	OS72
3086	482410.56	776168.75	13.	*3B	5477	SKOGARNES	OS72
2060	491434.50	757943.70	95.	*3B	5536	OXL	OS72
5478	482410.56	776168.75	15.	*3T	3086	MALARRIFSVITI (GOLF)	OS72
5482	502292.91	780645.59	16.	*3B	2060	GUFUSKALAR	OS72
5480	501015.20	785958.48	10.	*3B	5478	ONDVERDARNES	OS72
5479	503926.74	779561.59	8.	*3B	5482	BRIMSNES	OS72
5493	515023.87	724284.90	16.	*3B	5481	STYKKISHOLMSFLUGVOLLUR	OS72
5492	575287.01	797953.77	206.	*3B	5480	BJARNARNUPUR	OS72
5495	670408.12	699066.05	236.	*3BE	5479	BJARGTANGAR	OS72
5485	616166.16	651631.26	69.	*3BE	5493	STRAUMNES	OS72
5486	625812.40	660356.83	11.	*3BVE	5492	VEIDILEYSUFJ. AUSTAN	OS72
5484	615344.35	650588.87	1.	*3BE	5495	HORN	OS72
5494	570567.96	652371.20	5.10	*3BE	5485	REYKJARNES	OS72
5535	627366.46	540589.85	16.50	*3BE	5486	VETURMYRARNES	OS72
5534	633828.02	538678.43	5.10	*3BE	5484	GJOGUR	OS72
9999					5494	BRODDAR	OS72
					5535	RAEYRI VID SIGLUFJORD	OS72
					5534	SIGLUNES	OS72

INPUT HJAP

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00190023-3902920896.-392 22352.-392 12138.-392 9170.-3971049210.-398 433366.
00190023-3902920896.-391 30070.
00190023-5002615970.-501 30070.-507 175692.-5081519382.-5071049210.-508 433366.
54760060-0102446257.-0141009101.-015 2380.-013 999140140537
54753007-0103667820.-011 386.
54772035-0102646000.-011 13181.-017 988572.-018 373023.
3086SN2 -010 200317.-011 997456.-015 40.-506 6480.
3086SN2 -010 200096.-014 992946.-505 56.-506 11887.
54782060-500 924277.-504 992946.-505 842.-013 -100.
20600107-5002903107.-5041035954.-505 24080.-023 -2200.
54795480-0103139707.-011 10000.-013 300.
54795480-0203295000.-021 5997.-013 -14.
54930136-0103000000.-011 3410.
54955492-010 457730.-011 658.-013 30.
54865485-010 47705.-011 638.-013 -90.
54845485-010 15570.-011
5494AG11-0101337150.-011 -9941079678.-995 -6.-996 2460.
5494AG11
55345535-0101641019.-011 12897.-993 515.
94270163-0102506009.-0141036003.-015 -5.-016 5800.-5001168777.-501 573.
94960163-0102075412.-011 2950.-500 730973.-501 409.-503 0.
14811484-010 571449.-0141031573.-015 13.-016 5160.
9999 999239127366

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STAT	ORIE	PKT	READING	PKT	READING	NUMBER	Y-NORTH	X-WEST	ELEVAT	STAT
0019	0023	-390	2920896.0	-392	22352.0	1939	366886.76	433031.12	0.00	0019
		-392	12138.0	-392	9170.0					
		-397	1049210.0	-398	433366.0					
0019	0023	-390	2920896.0	-391	30070.0	1939	366886.76	433031.12	0.00	0019
			0.0		0.0					
		-397	1049210.0	-398	433366.0					
0019	0023	-500	2615970.0	-501	30070.0	1950	367155.77	432857.14	0.00	0019
		-507	175692.0	-508	1519382.0					
		-507	1049210.0	-508	433366.0					
5476	0060	-010	2446257.0	-014	1009101.0	5476	1 372101.77	646657.68	3.67	5476
		-015	-10.0	-016	22600.0					
			0.0	9991	4014053.7					
5475	3007	-010	3667820.0	-011	2380.0	5475	1 376962.44	733079.30	14.00	5475
		-013	-100.0		0.0					
			0.0		0.0					
5477	2035	-010	2646000.0	-011	386.0	5477	1 482690.45	720188.61	0.00	5477
			0.0		0.0					
			0.0		0.0					
3086	SN2	-010	200317.0	-011	13181.0	3086	1 482417.69	775927.67	0.00	3086
		-017	988572.0	-018	373023.0					
			0.0	9992	1955363.8					
3086	SN2	-010	200096.0	-014	997456.0	3086	1 482417.62	775927.94	15.37	3086
		-015	-58.0	-016	23800.0					
			0.0	9992	1794365.3					
5478	2060	-500	924277.0	-504	992946.0	5478	500954.45	785935.97	11.11	5478
		-505	40.0	-506	6480.0					
			0.0		0.0					

STAT	ORIE	PKT	READING	PKT	READING	NUMBER	Y-NORTH	X-WEST	ELEVAT	STAT
2060	0107	-500	2903107.0	-504	1035954.0	206050	502393.11	780582.36	9.86	2060
		-505	56.0	-506	11887.0					
			0.0		0.0					
5479	5480	-010	3139707.0	-011	842.0					
		-013	-100.0		0.0					
			0.0		0.0					
5479	5480	-020	3295000.0	-021	24080.0	5479 1	571516.85	801708.71	59.00	5479
		-023	-2200.0		0.0					
			0.0		0.0					
5493	0136	-010	3000000.0	-011	10000.0	5479 2	571737.90	801781.19	38.00	5479
		-013	300.0		0.0					
			0.0		0.0					
5495	5492	-010	457730.0	-011	5997.0	5493 1	668720.85	729112.79	5.00	5493
		-013	-14.0		0.0					
			0.0		0.0					
5486	5485	-010	47705.0	-011	3410.0	5495 1	670379.90	699118.96	235.86	5495
			0.0		0.0					
			0.0		0.0					
5484	5485	-010	15570.0	-011	658.0	5486 1	625785.47	660335.92	0.00	5486
		-013	30.0		0.0					
			0.0		0.0					
5494	AG11	-010	1337150.0	-011	638.0	5484 1	615348.54	650593.93	1.30	5484
		-013	-90.0		0.0					
			0.0		0.0					
5494	AG11		0.0		0.0	5494 1	570571.39	652365.83	4.20	5494
			0.0	-994	1079678.0					
		-995	-6.0	-996	2460.0					
						549499	0.00	0.00	1.99	5494

STAT	ORIE	PKT	READING	PKT	READING	NUMBER	Y-NORTH	X-WEST	ELEVAT	STAT
5534	5535	-010	1641019.0	-011	12897.0					
		-993	515.0		0.0					
			0.0		0.0					
9427	0163	-010	2506009.0	-014	1036003.0	5534 1	633952.09	538713.60	0.00	5534
		-015	-5.0	-016	5800.0	553499	0.00	0.00	10.25	5534
		-500	1168777.0	-501	573.0					
9496	0163	-010	2075412.0	-011	2950.0	9427 1	634863.07	461543.86	15.67	9427
		-500	730973.0	-501	409.0	942750	634852.43	461485.26	0.00	9427
		-503	0.0		0.0					
1481	1484	-010	571449.0	-014	1031573.0	9496 1	669463.02	429965.85	0.00	9496
		-015	13.0	-016	5160.0	949650	669435.06	429968.41	1.67	9496
			0.0	9992	3912736.6					
						1481 1	657979.09	345000.92	47.57	1481

INPUT TRIO

400									
0015205555455546									
15205555455546									
9991 22 55455546									
0015 2055	466668.0	5546	2773339.0	0.0	0.0	0.0	0.0	0.0	0.0
5546 2055	477904.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
0015 2055	2919868.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
0015 0015	805035.9		6.3	0.0	0.0	0.0	0.0	9995	0.0
5545 5545	802238.5		6.3	0.0	0.0	0.0	0.0	9995	0.0
9993									
9992 0 10.0 10.0 10.0 10.0									
9999									

** RAYDIST STATIONS POSITIONED 1973

INPUT TRII

15	399252.90	406817.70	0008.	#3A	0015
2055	393239.20	401174.10	0012.	#2A	2055
5545 0	405455.95	401684.89	27.66		5545
5546 0	408564.33	394288.23	7.55		5546

HROLLAUGSEYJAR VITI

** RAYDIST STATIONS POSITIONED 1973 **

** ADJUSTED COORDINATES **

CORRECTIONS		MEAN ERRORS	NUMBER	Y-NORTH	X-WEST
CORR	.02	ERR	-1	1.17 SEC	3.62 CC
	.01	.04	5545	405455.97	401684.90
	-.01	.09	5546	408564.32	394288.22

** RAYDIST STATIONS POSITIONED 1973 **

** ADJUSTED DIRECTIONS AND DISTANCES **

STAT	NUMB	GRADS	ERROR	NAME	D	M	SEC	NUMB	DISTANCE	NAME
5545	2055	297.33975	1.83	5545	267	36	20.8	2055	12227.44	2055
	15	344.00675	-.16	0015	309	36	21.8	15	8051.32	0015
	5546	174.67400	-1.66	5546	157	12	23.8	5546	8023.26	5546
5546	2055	326.88314	-3.15	5546	294	11	41.3	2055	16801.03	2055
	5545	374.67291	3.15	5545	337	12	20.2	5545	8023.26	5545
15	2055	252.02091	-.75	0015	226	49	07.7	2055	8247.11	2055
	5545	144.00756	.75	5545	129	36	24.5	5545	8051.32	5545
15	5545	0.000 M	.06	0015	DIST			5545	8051.317	5545
	5545	0.000 M	.06	5545	2.4866E-04			5545	8051.317	5545
5545	5546	-.003 M	-.61	5545	DIST			5546	8023.260	5546
	5546	-.003 M	-.61	5546	2.4905E-04			5546	8023.260	5546

INPUT GTPOL

0015	399252.9	406817.7	0008.	*3A	0015		
2050	418499.0	363523.8	0013.	*2BV	2050	HELLIR	
2052	418908.2	353087.1	0018.	*2BVA	2052	HOFN	
2055	393239.2	401174.1	0012.	*2A	2055	HROLLAUGSEYJAR .VITI	
3040	376339.0	665301.6	0005.88	* NA	3040	THORLAKSHAFNARVITI MIDJA	
0060	391583.8	648176.8	0551.2	*2BV	0060	INGOLFSFJALL	
0182	498051.3	297514.4	0597.	*4AB	0182	REYDARFJALL	
0184	486842.0	311121.4	0851.	*2V	0184	TIMBURGATNATINDUR	
0163	651914.6	431833.2	0284.	*2ABV	0163	SNARTARS TADANUPUR	
0164	625624.4	425172.8	0525.	*2ABV	0164	SANDFELL	
0168	655818.6	401588.2	0196.	*2ABV	0168	GRJOTFJOLL	
0177	556711.9	317635.9	1107.	*2BV	0177	BEINGEITARFJALL	0S71
2059	558625.5	330648.5	0106.	*2B	2059	STEINSVADSFELL	0S71
9999							
0015205555452919868.		324 805040.		124 150 063	998909.	0601002042..	
5545205555462773339.		322 802241.		150 143 063	1002175.	060 998980..	
2052205055472099778.		40249.		139 159 159	1002930.	139 997147..	
01772059AG101541630.		2931973635.		129 146 063	1022589.	102 979148..	322864 419.
9999							
2050205299012655375.		95595.		147 105 103	1006384.	145 993745..	090504 546.
3040006099023226162.		79633.		103 070 070	1002385.	69723	344.
0182018455491840513.		306 251532.		111 158 062	1151102.	016 849598..	279661 404.
0163016855501242799.		3162146619.		120 142 055	1009256.	036 992640..	255895 244.
0163016455512867775.		3152674581.		120 447 360	1007256.	035 995130..	163574 244.
AG10017755522804630.		306 539420.		146 161 070	1050756.	063 949919..	
9999							
9999							
9999							

OUTPUT GTPOL

5545	0	405455.95	401684.89	27.66	5545
5546	0	408564.33	394288.23	7.55	5546
5547	0	418861.00	352687.36	15.97	5547
	0	567430.05	301073.97	433.84	AG10
9901	0	419304.00	364048.70	3.93	9901
9902	0	377082.24	665594.28	3.26	9902
5549	0	500027.71	296075.39	6.44	5549
5550	0	631126.45	437203.08	3.66	5550
5551	0	663687.25	407809.46	26.02	5551
5552	0	564008.98	296925.11	6.96	5552

INPUT HJAP

0029	347339.9	500507.4	0024.	*3ABV	0029	STEINSMYRARFLJOT
2052	418908.2	353087.1	0018.	*2BVA	2052	HOFN
3040	376339.0	665301.6	0005.88	* NA	3040	THORLAKSHAFNARVITI MIDJA OS69
5548	349431.94	491578.65	5.54	*	5548	SKAFTAROS VITI
0163	651914.6	431833.2	0284.	*2ABV	0163	SNARTARSTADANUPUR
5547	0	418861.00	352687.36	*3B	5547	S TOKKSNES RAYDIST OS73
5549	0	500027.71	296075.39		5549	
5550	0	631126.45	437203.08		5550	
5551	0	663687.25	407809.46		5551	
5552	0	564008.98	296925.11		5552	
9902	0	567430.05	301073.97		AG10	
9999	0	377082.24	665594.28		9902	
55480029	-0103407012.	-011	4669.			
99023040	-0102535059.	-0202696414.	-011	2658.-021		7673.
20525547	-090 116298.	-091 402485-097		356559.-098		1527143.
5550	-9041045198.	-905	-58.-906	5600.		
55510163	-0101293396.	-0141060003.	-015	247.-016		5020.
5552AG10	-0101215087.	-011	1327.-013	0.		
9999						999317182312
9999						999342130799

STAT	ORIE	PKT	READING	PKT	READING	NUMBER	Y-NORTH	X-WEST	ELEVAT	STAT
5548	0029	-010	3407012.0 0.0 0.0	-011	4669.0 0.0 0.0	5548 1	349389.11	491597.22	0.00	5548
9902	3040	-010	2535059.0 -011 2658.0 0.0	-020 2696414.0 -021 7673.0 0.0		9902 1	377105.99	665582.36	0.00	9902
2052	5547	-090	116298.0	-091 40248.5		9902 2	377081.36	6655671.00	0.00	9902
		-097	356559.0 0.0	-098 1527143.0 0.0		2052 9	418814.71	352785.09	0.00	2052
5550		-904	1045198.0	-905 -58.0		555090	0.00	0.00	-0.88	5550
		-906	5600.0 0.0	0.0						
5551	0163	-010	1293396.0	-014 1060003.0		5551 1	663737.52	407812.04	23.78	5551
		-015	247.0 0.0	-016 5020.0 9993 1718231.2						
5552	AG10	-010	1215087.0	-011 1327.0		5552 1	564019.61	296911.70	6.96	5552
		-013	0.0 0.0	0.0 9993 4213079.9						

N	STATIONS	DRY	WET	MM	DRY	WET	MM	DRY	WET	MM	DRY	WET	MM	MM	DRY	WET	MM	REFRACTIVE	INDEX	* MEAN		
0	GT1	5480	74	53	7213	70	51	7212	70	51	7214	0	0	0	0	0	0	3017	3021	3022	0	3020
0	5479	5480	92	71	7572	95	73	7572	94	73	7571	0	0	0	0	0	0	3178	3178	3182	0	3179
0	5481	1163	125	81	7582	120	87	7582	112	85	7582	0	0	0	0	0	0	3103	3163	3184	0	3150
0	5475	3007	93	76	7368	92	76	7368	90	75	7368	0	0	0	0	0	0	3132	3136	3139	0	3136
0	5483	3007	90	74	7362	89	73	7362	90	74	7361	0	0	0	0	0	0	3130	3128	3130	0	3129
0	5486	5485	49	40	7560	48	40	7560	48	40	7560	0	0	0	0	0	0	3174	3179	3179	0	3177
0	5495	5492	77	30	7426	75	30	7426	0	0	0	0	0	0	0	0	0	2948	2956	0	0	2952
0	RIT	5492	62	35	7199	57	28	7199	0	0	0	0	0	0	0	0	0	2958	2940	0	0	2949
0	HF	5485	80	55	6929	70	45	6929	63	44	6924	0	0	0	0	0	0	2902	2885	2905	0	2897
0	5480	GT1	92	66	7438	92	64	7438	91	64	7438	0	0	0	0	0	0	3099	3087	3091	0	3092
0	5480	5479	88	62	7428	86	62	7428	85	62	7428	0	0	0	0	0	0	3088	3097	3101	0	3095
0	1163	5481	110	79	7533	108	76	7528	113	75	7528	0	0	0	0	0	0	3137	3125	3097	0	3120
0	3007	5475	83	68	7320	83	68	7315	81	66	7315	0	0	0	0	0	0	3108	3106	3102	0	3105
0	3007	5483	88	68	7313	88	70	7313	90	70	7313	0	0	0	0	0	0	3084	3096	3088	0	3089
0	5485	5486	40	34	7490	40	36	7490	40	36	7490	0	0	0	0	0	0	3153	3165	3165	0	3161
0	5485	HF	102	75	7533	92	67	7530	0	0	0	0	0	0	0	0	0	3146	3138	0	0	3142
0	5493	RIT	103	78	7589	103	74	7589	0	0	0	0	0	0	0	0	0	3181	3155	0	0	3168
0	5481	0110	114	86	7574	0	0	0	0	0	0	0	0	0	0	0	0	3179	0	0	0	3179
0	5538	AG10	103	80	7537	104	80	7537	102	88	7537	0	0	0	0	0	0	3175	3171	3231	0	3192
0	0038	AG10	24	13	7351	25	13	7352	24	14	7354	0	0	0	0	0	0	3054	3050	3060	0	3055
0	5537	0047	68	29	7484	56	28	7484	58	27	7484	0	0	0	0	0	0	3001	3047	3032	0	3027
0	0107	5536	-12	-13	6878	-12	-13	6877	-13	-13	6876	0	0	0	0	0	0	2893	2893	2896	0	2894
0	0107	2060	-16	-20	6876	-15	-19	6871	-15	-22	6871	0	0	0	0	0	0	2875	2874	2861	0	2870
0	1260	AG11	13	-4	7403	10	-4	7398	9	-5	7398	0	0	0	0	0	0	3037	3047	3046	0	3043
0	5494	AG11	64	28	7618	64	39	7618	64	33	7618	65	43	7610	65	43	7610	3060	3123	3088	3139	3102
0	AG10	5538	90	75	7451	88	70	7450	87	69	7449	0	0	0	0	0	0	3169	3145	3143	0	3152
0	AG10	0038	29	23	7484	31	21	7485	32	20	7485	0	0	0	0	0	0	3137	3117	3107	0	3120
0	0047	5537	41	13	7339	44	15	7337	42	15	7335	0	0	0	0	0	0	2976	2973	2981	0	2977
0	5336	0107	65	35	7543	62	29	7544	60	27	7544	0	0	0	0	0	0	3069	3048	3045	0	3054
0	2060	0107	32	25	7623	47	32	7623	36	26	7623	0	0	0	0	0	0	3187	3160	3174	0	3174
0	AG11	1260	36	20	7613	36	21	7613	0	0	0	0	0	0	0	0	0	3136	3142	0	0	3139
0	AG11	5494	92	43	7592	93	42	7592	93	48	7592	0	0	0	0	0	0	3016	3006	3041	0	3021
0	0145	5535	63	40	6907	60	35	6907	55	28	6907	0	0	0	0	0	0	2877	2861	2843	0	2860
0	5534	5535	96	73	7599	86	67	7599	83	65	7599	83	65	7599	83	65	7599	3183	3189	3190	3190	3188
0	0163	MANX	80	73	7402	83	73	7402	83	73	7402	0	0	0	0	0	0	3181	3168	3168	0	3172
0	0163	GT30	80	60	7407	81	60	7407	85	63	7407	86	64	7407	86	64	7407	3103	3099	3100	3102	3101
0	1481	GT31	75	68	7607	76	68	7607	73	67	7607	73	67	7607	73	67	7607	3247	3242	3249	3249	3247
0	5535	0145	107	70	7642	89	68	7642	75	63	7642	0	0	0	0	0	0	3132	3198	3228	0	3186
0	5535	5534	108	83	7603	118	87	7603	122	94	7603	129	100	7603	129	100	7603	3196	3179	3207	3217	3200
0	MANX	0163	89	75	7624	85	73	7624	78	69	7624	78	68	7624	78	68	7624	3235	3240	3246	3240	3240

N STATIONS	DRY WET	MM	DRY WET	MM	DRY WET	MM	DRY WET	MM	DRY WET	MM	DRY WET	MM	REFRACTIVE INDEX *	MEAN				
0 GT30	0163	98	85	7651	100	82	7651	105	87	7651	100	83	7651	3270	3242	3252	3248	3253
0 GT31	1481	63	58	7417	63	57	7417	64	57	7417	64	57	7417	3168	3162	3158	3158	3161
0 5545	0015	125	110	7640	122	105	7640	127	100	7640	0	0	0	3316	3295	3239	0	3283
0 5545	5546	138	100	7640	122	94	7640	118	92	7640	0	0	0	3191	3220	3225	0	3212
0 0015	5545	106	80	7660	102	77	7660	104	79	7650	0	0	0	3206	3204	3204	0	3205
0 5546	5545	105	84	7660	113	89	7660	113	89	7660	0	0	0	3236	3234	3234	0	3235
0 0182	5549	80	64	6946	86	67	6946	75	57	6951	78	58	6956	2961	2954	2941	2937	2948
0 5549	0182	85	71	7506	85	71	7506	88	72	7511	82	65	7511	3185	3185	3180	3162	3178
0 0163	5550	60	56	7323	60	51	7321	65	55	7322	51	49	7324	3134	3103	3106	3132	3119
0 5550	0163	75	64	7581	75	64	7576	79	66	7576	79	66	7576	3212	3210	3205	3205	3208
0 0163	5551	57	51	7322	55	49	7322	56	50	7323	55	50	7323	3117	3114	3116	3120	3117
0 5551	0163	64	55	7571	68	55	7566	65	53	7561	67	54	7561	3202	3182	3182	3179	3186
0 0177	AG10	80	67	6570	78	67	6570	80	70	6580	77	67	6570	2842	2850	2863	2854	2852
0 AG10	0177	73	49	7245	76	51	7245	73	50	7248	72	50	7245	3009	3008	3016	3019	3013
0 AG10	5552	53	32	7240	53	32	7240	54	31	7240	61	35	7240	2994	2994	2984	2977	2987
0 5552	AG10	85	57	7610	85	55	7610	85	56	7610	86	57	7610	3136	3124	3130	3131	3130

NUMBER	Y-NORTH	X-WEST	ELEV.	NOTE	NAME	DESCRIPTION	DONE
5538	0	325460.98	521769.20	12.	*3BE	ALVIDRUHAMRAR RAYDIST	0572
5537	0	323689.53	614375.43	121.	*3BE	STORHOFDI RAYDIST	0572
5476	1	372287.10	646523.24	7.	*3T	KNARRAROSVITI (STETT)	0572
5476	1	372101.77	646657.68	4.	*4HE	KNARRAROS RAYDIST	0572
5483	0	374926.02	731186.79	17.	*3BE	REYKJANESTA RAYDIST	0572
5475	0	376956.25	733102.27	15.	*3BE	ONGLABRJOTSNEF	0572
5475	1	376962.44	733079.30	14.	*4HE	ONGLABRJOTSNEF RAYDIST	0572
5477	1	482686.93	720187.04	13.	*3B	SKOGARNES	0572
5477	1	482690.45	720188.61		*4HE	SKOGARNES RAYDIST	0572
5536		491434.50	757943.70	95.	*3B	OXL	0572
3086		482410.56	776168.75	15.	*3TE	MALARRIFSVITI (GOLF)	0572
3086	1	482417.69	775927.67		*4HE	MALARRIF RAYDIST	0572
5478	0	501015.20	785958.48	10.	*3BE	ONDVERDARNES RAYDIST	0572
5478	50	500954.45	785935.97	11.	*4TE	ONDVERDARNES VITI	0572
2060	0	502292.91	780645.59	16.	*3BE	GUFUSKALAR	0572
2060	50	502393.11	780582.36	10.	*4TE	GUFUSKALAR LORAN A	0572
2060	51	502821.29	779973.34	14.	*4TE	GUFUSKALAR LORAN C	0572
5482	0	503926.74	779561.59	8.	*3BE	BRIMSNES RAYDIST	0572
5481		515023.87	724284.90	16.	*3B	STYKKISHOLMSFLUGVOLLUR	0572
5479	0	571509.76	801704.17	60.	*3BE	BJARGTANGAR	0572
5479	1	571516.85	801708.71	60.	*4HE	BJARGTANGAR RAYDIST I	0572
5479	2	571737.90	801781.19	38.	*4BE	BJARGTANGAR RAYDIST II	0573
5480	0	575287.01	797953.77	206.	*3BE	BJARNARNUPUR	0572
5493	0	668754.49	729206.96	2.	*3BE	STRAUMNES	0572
5493	1	668720.8	729112.8	5.	*4HE	STRAUMNES RAYDIST	0573
5492	0	661042.70	702611.06	691.	*3BVE	VEIDILEYSUFJ. AUSTAN	0572
5495	0	670408.12	699066.05	236.	*3BE	HORN	0572
5486	0	625812.40	660356.83	11.	*3BVE	VETURMYRARNES	0572
5485	0	616166.16	651631.26	69.	*3BE	REYKJARNES	0572
5484	0	615344.35	650588.87	1.	*3BE	GJOGUR	0572
5484	1	615348.54	650593.93	1.	*4HE	GJOGUR RAYDIST	0572
5494	0	570567.96	652371.20	5.10	*3BE	BRODDAR	0572
5534	0	633828.02	538678.43	5.10	*3BE	SIGLUNES	0572
5534	1	633952.09	538713.60		*4HE	SIGLUNES RAYDIST	0572
5535	0	627366.46	540589.85	16.50	*3BE	RAEYRI VID SIGLUFJORD	0572
1427		634852.43	461485.26		*3TE	TJORNESVITI	0572
5496		669435.06	429968.41	2.	*3BE	HJALLANES FJARHUS	0572
5550	0	631126.45	437203.08	4.	*4HE	AXARFJORDUR RAYDIST	0573
5551	0	663687.25	407809.46	26.	*4TE	RAUFARHOFN VITI	0573
5551	1	663737.52	407812.04	24.	*	RAUFARHOFN RAYDIST	0573

NUMBER	Y-NORTH	X-WEST	ELEV.	NOTE	NAME	DESCRIPTION	DONE
5552	0	564008.98	296925.11	7.	5552	GLETTINGANES VITI	0573
5552	1	564019.61	296911.70	7.	5552	GLETTINGANES RAYDIST	0573
5549	0	500027.71	296075.39	6.	5549	VATTARNES RAYDIST	0573
5547	0	418861.00	352687.36	16.	5547	STOKKSNES RAYDIST	0573
5546	0	408564.32	394288.22	8.	5546	STADARA RAYDIST	0573
5545	0	405455.97	401684.90	28.	5545	SLETTALEITI	0573
0019	0	367342.1	432891.2	0076.	0019	INGOLFSHOFDI	
5539	0	366886.76	433031.12			EIRIKSNEF RAYDIST	0572
0019	50	367155.77	432857.14			INGOLFSHOFDI VITI	0572
5548	1	349389.11	491597.22	3.		SKAFTAROS RAYDIST	0573
9990	0	396195.6	722227.0	5.	9990	KEFLAVIK HARBOUR	0572
9901	0	419304.00	364048.70	4.	9901	HORNAFJORDUR HARBOUR	0573
9902	1	377105.99	665582.36		9902	THORLAKSHOFN HARBOUR	0573

EMPIRICAL LINEAR TRANSFORMATION OF COORDINATES INTO THE OLD OR REYKJAVIK DATUM

NUMBER	LATITUDE	LONGITUDE	ELEV.	NOTE	NAME	DESCRIPTION	DONE
5538	6326.01	1826.32	12.	03BE	5538	ALVIDRUHAMRAR RAYDIST	OS72
5537	6323.98	2017.45	121.	03BE	5537	STORHOFDI RAYDIST	OS72
5476	6349.29	2058.89	4.	04HE		KNARRAROS RAYDIST	OS72
5483	6348.04	2241.84	17.	03BE	5483	REYKJANESTA RAYDIST	OS72
5475	6349.06	2244.32	14.	04HE		ONGLABRJOTSNEF RAYDIST	OS72
5477	6446.31	2238.10		04HE		SKOGARNES RAYDIST	OS72
3086	6443.69	2348.06		04HE		MALARRIF RAYDIST	OS72
5478	6453.15	2402.87	10.	03BE	5478	ONDVERDARNES RAYDIST	OS72
5482	6455.04	2355.15	8.	03BE	5482	BRIMSNES RAYDIST	OS72
5481	6503.50	2246.32	16.	03B	5481	STYKKISHOLMSFLUGVOLLUR	OS72
5479	6530.06	2431.92	60.	04HE		BJARGTANGAR RAYDIST I	OS72
5479	6530.18	2432.04	38.	04BE		BJARGTANGAR RAYDIST II	OS73
5493	6625.74	2308.36	5.	04HE		STRAUMNES RAYDIST	OS73
5484	6559.91	2119.23	1.	04HE		GJOGUR RAYDIST	OS72
5534	6611.91	1851.73		04HE		SIGLUNES RAYDIST	OS72
5550	6610.16	1636.66	4.	0	5550	AXARFJORDUR RAYDIST	OS73
5551	6627.26	1556.18	24.	0	5551	RAUFARHOFN RAYDIST	OS73
5552	6530.64	1336.65	7.	0	5552	GLETTINGANES RAYDIST	OS73
5549	6456.25	1341.23	6.	0	5549	VATTARNES RAYDIST	OS73
5547	6414.41	1457.92	16.	03B	5547	STOKKSNES RAYDIST	OS73
5546	6409.80	1549.78	8.	03B	5546	STADARA RAYDIST	OS73
5539	6347.96	1638.65		03BE		EIRIKSNEF RAYDIST	OS72
5548	6338.92	1750.00	3.	03HE		SKAFTAROS RAYDIST	OS73
9990	6359.81	2232.82	5.	0		KEFLAVIK HARBOUR	OS72
9901	6414.93	1511.94	4.	0	9901	HORNAFJORDUR HARBOUR	OS73
9902	6351.46	2122.23		0	9902	THORLAKSHOFN HARBOUR	OS73