



Supplement of

Unlocking archival maps of the Hornsund fjord area for monitoring glaciers of the Sørkapp Land peninsula, Svalbard

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Supplement table showing the difference in the position of the elevation points presented on the maps IGF PAN (column x1. y1) and NPI map (columns x2. y2)

Sheet no.	x1	y1	x2	y2	x1-x2 (m)	y1-y2 (m)
5	529714.68	8541165.53	529720.67	8541148.32	-5.99	17.21
5	529573.21	8542303.38	529587.59	8542285.33	-14.38	18.05
5	529498.10	8542842.50	529514.71	8542825.65	-16.61	16.85
5	526421.41	8541145.52	526423.46	8541151.80	-2.05	-6.28
5	524663.83	8541293.80	524648.47	8541302.51	15.37	-8.71
5	525000.58	8542303.45	525006.00	8542324.07	-5.41	-20.62
5	524485.60	8540113.11	524478.21	8540140.36	7.39	-27.25
5	522255.19	8540073.77	522241.62	8540085.36	13.57	-11.59
5	519680.71	8540790.92	519669.94	8540816.02	10.77	-25.10
5	519148.85	8541016.3	519141.97	8541039.87	6.88	-23.57
5	527619.28	8543102.04	527634.08	8543096.19	-14.80	5.84
5	523672.90	8542516.26	523664.30	8542532.55	8.60	-16.29
5	527563.54	8542924.17	527573.84	8542918.20	-10.30	5.97
5	527890.04	8542074.45	527897.01	8542072.08	-6.97	2.37
5	528637.67	8539816.42	528627.46	8539815.66	10.21	0.76
5	529589.76	8540088.77	529582.90	8540076.56	6.86	12.21
5	529249.88	8540044.39	529246.42	8540039.61	3.46	4.78
5	528003.09	8541480.94	528008.23	8541476.97	-5.14	3.97
6	537220.26	8539855.95	537202.76	8539839.74	17.50	16.21
6	543593.56	8549258.84	543591.48	8549275.28	2.08	-16.44
6	541850.00	8542973.00	541865.29	8542964.5	-15.29	8.50
6	534893.00	8543920.00	534876.59	8543914.23	16.41	5.77
6	538186.5	8542496.56	538184.5	8542491.56	2.00	5.00
6	541472.53	8540027.04	541485.48	8539994.6	-12.95	32.44
6	546274.53	8548036.64	546302.90	8548050.58	-28.37	-13.94
6	546611.31	8547372.14	546649.36	8547373.83	-38.05	-1.69
6	546007.53	8549460.87	546037.34	8549481.09	-29.81	-20.22
6	542531.11	8549249.80	542520.07	8549258.89	11.04	-9.09
6	533283.47	8549700.32	533277.47	8549699.32	6.00	1.00
6	545740.00	8549715.00	545767.00	8549735.00	-27.00	-20.00
6	533283.47	8549700.32	533277.47	8549699.32	6.00	1.00
6	537259.40	8544036.23	537249.4	8544033.23	10.00	3.00
6	534523.32	8548347.70	534512.32	8548339.70	11.00	8.00
6	533931.03	8547776.37	533925.03	8547780.37	6.00	-4.00
6	532233.67	8549171.72	532227.67	8549174.72	6.00	-3.00
6	543184.04	8542396.31	543216.77	8542386.52	-32.73	9.79
6	535986.17	8544281.65	535961.06	8544289.35	25.11	-7.70
6	537732.57	8541117.93	537721.54	8541095.24	11.03	22.69
6	546177.91	8548613.37	546208.71	8548641.76	-30.80	-28.39
6	545900.1	8548900.92	545930.26	8548904.50	-30.16	-3.58
6	543745.06	8548489.85	543753.04	8548500.83	-7.97	-10.98
6	536487.38	8543496.91	536479.83	8543490.32	7.55	6.59

6	545292.14	8540242.11	545337.75	8540227.01	-45.61	15.10
6	543530.34	8543700.43	543562.1	8543706.34	-31.76	-5.91
6	541688.11	8545109.33	541688.14	8545118.39	-0.03	-9.06
6	544217.70	8548938.00	544231.5	8548952.85	-13.80	-14.85
6	533221.8	8542722.01	533196.43	8542723.16	25.37	-1.15
6	533918.82	8541743.41	533893.79	8541742.82	25.03	0.59
6	534571.91	8540570.64	534548.75	8540564.03	23.16	6.61
6	537714.18	8540005.38	537702.3	8539994.11	11.88	11.27
6	537608.07	8541837.60	537596.91	8541828.04	11.16	9.56
6	537181.02	8542042.19	537170.37	8542034.87	10.65	7.32
8	529006.63	8538944.13	529030.31	8538943.99	-23.68	0.14
8	526011.73	8536968.25	526017.51	8536964.61	-5.78	3.64
8	524362.18	8534231.88	524359.26	8534228.28	2.92	3.60
8	529380.07	8534936.69	529400.57	8534926.38	-20.50	10.31
8	515875.48	8535248.69	515875.36	8535243.17	0.12	5.52
8	519272.88	8531626.25	519256.6	8531628.67	16.28	-2.42
8	517363.77	8532842.08	517346.07	8532847.50	17.70	-5.42
8	516739.34	8533523.34	516719.77	8533533.70	19.57	-10.36
8	516982.14	8536629.97	516977.00	8536631.07	5.14	-1.10
8	520366.21	8536605.80	520364.13	8536607.93	2.08	-2.13
8	516093.44	8530059.68	516062.45	8530068.82	30.99	-9.14
8	524336.46	8529839.42	524337.81	8529830.94	-1.35	8.48
8	524209.29	8539555.07	524204.33	8539562.46	4.97	-7.39
8	520266.83	8532793.85	520252.08	8532794.69	14.76	-0.84
8	521636.75	8532786.02	521631.81	8532787.73	4.94	-1.71
8	519715.98	8539708.62	519708.06	8539707.83	7.93	0.80
8	519716.07	8539600.90	519706.57	8539611.37	9.50	-10.47
8	521040.28	8530297.09	521030.85	8530288.57	9.43	8.52
8	522888.8	8532928.06	522891.04	8532929.50	-2.24	-1.43
8	524485.53	8540112.71	524495.89	8540130.00	-10.36	-17.29
8	522254.85	8540065.09	522246.65	8540070.19	8.20	-5.09
8	520160.14	8537365.99	520158.65	8537372.05	1.49	-6.06
8	521223.61	8533641.4	521219.88	8533646.02	3.73	-4.62
8	523781.9	8535844.17	523790.64	8535852.73	-8.74	-8.56
8	528518.04	8537450.61	528537.79	8537441.96	-19.75	8.65
8	529342.5	8538375.92	529358.41	8538364.79	-15.90	11.13
8	527064.63	8539519.07	527076.18	8539528.31	-11.55	-9.25
8	527885.5	8538594.50	527900.39	8538594.99	-14.89	-0.49
8	528977.6	8538258.03	528998.58	8538250.33	-20.98	7.70
8	527422.21	8538597.21	527433.70	8538595.42	-11.49	1.79
8	529144.24	8535161.72	529161.73	8535152.96	-17.50	8.76
8	529489.2	8530359.41	529502.59	8530350.82	-13.39	8.59
8	531235.32	8530383.52	531252.11	8530368.78	-16.79	14.74
8	531207.1	8531785.54	531227.94	8531773.69	-20.84	11.85
8	531691.51	8533240.39	531713.58	8533224.93	-22.07	15.46
8	530254.62	8530460.61	530255.22	8530441.22	-0.60	19.39

8	528365.86	8534776.52	528381.31	8534766.84	-15.45	9.68
8	528273.53	8533965.85	528289.85	8533953.26	-16.32	12.58
8	530647.03	8538944.58	530679.05	8538933.57	-32.02	11.01
8	528607.53	8539818.09	528627.46	8539815.66	-19.93	2.43
8	528632.38	8539352.71	528654.35	8539351.88	-21.98	0.82
8	528813.43	8538111.34	528823.59	8538106.74	-10.16	4.60
8	529507.99	8538386.94	529530.08	8538378.73	-22.09	8.20
8	526192.71	8535345.65	526196.92	8535344.5	-4.21	1.15
8	527640.11	8536604.21	527646.41	8536596.97	-6.30	7.25
8	528571.42	8537062.75	528589.03	8537054.98	-17.61	7.78
8	527043.43	8535039.14	527056.94	8535036.20	-13.51	2.94
8	524209.29	8539555.07	524204.33	8539562.46	4.97	-7.39
8	520995.65	8534178.3	520994.96	8534181.96	0.69	-3.66
8	525650.83	8537382.04	525656.09	8537379.66	-5.26	2.38
8	525019.88	8538164.58	525012.14	8538169.03	7.74	-4.45
8	519693.21	8534506.79	519688.14	8534510.77	5.07	-3.98
8	524951.42	8532945.76	524954.77	8532939.05	-3.35	6.71
8	523325.78	8533641.9	523327.76	8533647.87	-1.98	-5.97
8	519025.59	8532687.61	519007.75	8532697.34	17.84	-9.73
8	519981.01	8531451.16	519963.11	8531452.20	17.91	-1.04
8	520398.5	8530502.48	520384.8	8530502.06	13.71	0.42
8	519944.64	8538858.86	519936.63	8538862.40	8.01	-3.53
8	520055.25	8537992.48	520046.45	8537994.34	8.80	-1.86
8	518936.57	8537155.31	518934.54	8537157.40	2.03	-2.09
8	520728.21	8535588.85	520727.31	8535592.26	0.90	-3.41
8	524336.46	8529839.42	524337.81	8529830.94	-1.35	8.48
8	524078.93	8530693.6	524081.45	8530681.61	-2.52	11.99
8	523925.88	8531288.86	523929.88	8531283.86	-4.00	5.00
8	518207.59	8533793.14	518198.49	8533796.11	9.10	-2.98
8	519367.33	8535952.59	519363.49	8535954.29	3.84	-1.70
8	521406.09	8531550.64	521401.75	8531548.30	4.34	2.34
8	531337.33	8532074.59	531361.39	8532064.28	-24.06	10.31
8	524876.26	8535636.46	524876.59	8535635.93	-0.33	0.53
8	528676.34	8535676.88	528696.57	8535668.02	-20.23	8.86
8	526922.32	8535546.58	526922.78	8535548.10	-0.46	-1.52
8	527640.92	8535180.30	527654.10	8535172.52	-13.18	7.78
8	530008.62	8536351.83	530031.18	8536345.66	-22.56	6.17
8	529678.75	8535691.19	529694.84	8535682.34	-16.09	8.85
8	528589.55	8532873.52	528604.51	8532857.37	-14.96	16.15
8	529825.81	8532682.23	529849.82	8532671.9	-24.01	10.33
8	527587.46	8539570.06	527606.48	8539582.15	-19.02	-12.09
8	528508.87	8533423.98	528524.95	8533410.74	-16.07	13.24
8	530777.72	8536043.44	530806.8	8536028.90	-29.08	14.55
8	529491.31	8536541.27	529514.33	8536528.96	-23.02	12.32
8	526938.07	8538178.27	526939.85	8538164.83	-1.78	13.44
8	527618.5	8537495.65	527626.47	8537487.91	-7.97	7.74

8	527120.59	8539346.51	527132.44	8539357.32	-11.85	-10.82
8	528755.2	8535995.97	528773.21	8535983.88	-18.01	12.09
8	528576.89	8536596.4	528594.09	8536584.73	-17.20	11.67
9	541868.05	8539328.26	541859.78	8539351.89	8.27	-23.62
9	543834.12	8536377.58	543845.72	8536371.55	-11.60	6.03
9	543427.01	8531809.72	543438.31	8531795.37	-11.30	14.35
9	542316.69	8533939.01	542322.43	8533935.68	-5.74	3.33
9	538469.04	8536646.22	538455.99	8536648.14	13.05	-1.92
9	537302.94	8538687.06	537291.93	8538684.91	11.01	2.15
9	537712.85	8539278.26	537693.32	8539280.47	19.53	-2.21
9	535751.8	8537327.04	535727.89	8537331.74	23.91	-4.70
9	536029.36	8535853.61	536014.61	8535860.74	14.75	-7.13
9	537453.32	8534754.27	537434.31	8534742.12	19.01	12.15
9	540559.1	8532523.37	540561.96	8532517.91	-2.86	5.46
9	541141.07	8532390.48	541153.37	8532369.80	-12.30	20.68
9	539924.3	8530150.46	539918.52	8530133.78	5.78	16.68
9	541458.91	8529947.46	541462.63	8529932.18	-3.72	15.28
9	536970.86	8532455.34	536957.74	8532448.19	13.12	7.15
9	537326.15	8530806.63	537313.36	8530787.04	12.79	19.59
9	536886.25	8531632.09	536875.69	8531619.61	10.56	12.48
9	532604.23	8530127.77	532572.82	8530116.39	31.41	11.38
9	538304.04	8537214.43	538289.09	8537209.89	14.95	4.54
9	532085.5	8533720.66	532062.76	8533706.95	22.73	13.71
9	541337.64	8529945.03	541336.35	8529931.74	1.29	13.29
9	540863.67	8536772.83	540863.97	8536764.27	-0.30	8.56
9	537816.1	8535196.26	537790.09	8535193.41	26.01	2.85
9	543057.68	8532391.28	543065.74	8532385.66	-8.06	5.62
9	545788.17	8537371.89	545817.94	8537379.43	-29.77	-7.54
9	545167.39	8537297.48	545178.12	8537295.54	-10.73	1.94
9	537564.91	8537923.41	537548.71	8537917.68	16.20	5.73
9	538281.19	8536582.69	538269.42	8536588.79	11.76	-6.10
9	538573.67	8529881.11	538561.56	8529866.18	12.11	14.93
9	533671.84	8530598.95	533651.44	8530583.91	20.40	15.04
9	538304.04	8537214.43	538289.09	8537209.89	14.95	4.54
9	541337.64	8529945.03	541336.35	8529931.74	1.29	13.29
9	537564.91	8537923.41	537548.71	8537917.68	16.20	5.73
9	538281.19	8536582.69	538269.42	8536588.79	11.76	-6.10
9	545494.72	8533197.99	545518.17	8533190.39	-23.45	7.60
9	532468.1	8532691.33	532458.88	8532689.45	9.22	1.88
9	534960.16	8539249.91	534937.26	8539244.67	22.90	5.24
9	537616.88	8539194.95	537587.35	8539206.26	29.53	-11.31
9	535543.06	8537632.22	535525.61	8537636.17	17.45	-3.95
9	536460.32	8536756.63	536434.25	8536762.32	26.07	-5.69
9	536584.99	8536230.99	536568.16	8536234.39	16.83	-3.40
9	537776.83	8537161.17	537763.62	8537170.24	13.21	-9.07
9	539046.01	8535626.17	539034.67	8535631.17	11.34	-5.00

9	539956.29	8533605.98	539958.8	8533600.54	-2.51	5.44
9	540566.49	8532733.97	540570.35	8532727.51	-3.86	6.46
9	538540.36	8530734.36	538535.44	8530720.15	4.92	14.21
9	539535.86	8531090.99	539530.93	8531080.95	4.93	10.04
9	540182.79	8531606.1	540184.26	8531595.33	-1.47	10.77
9	540607.84	8529925.85	540607.67	8529917.46	0.17	8.39
9	543574.80	8531426.35	543584.10	8531412.00	-9.30	14.35
9	542715.50	8533285.80	542732.03	8533275.60	-16.53	10.20
9	541724.38	8535308.85	541726.02	8535307.76	-1.64	1.09
9	542788.93	8536899.77	542796.01	8536902.31	-7.08	-2.54
9	542832.32	8539299.22	542835.65	8539297.50	-3.33	1.72
9	545452.56	8539425.36	545486.97	8539425.16	-34.41	0.20
9	544192.59	8537677.62	544210.11	8537694.98	-17.52	-17.36
9	537453.71	8539481.31	537432.77	8539479.74	20.94	1.57
9	539474.44	8534582.76	539467.37	8534579.95	7.07	2.81
9	537116.53	8534447.16	537095.69	8534445.67	20.84	1.49
9	538845.24	8535445.31	538839.06	8535446.98	6.18	-1.67
9	538368.62	8535785.25	538357.88	8535779.77	10.74	5.48
9	546160.44	8534771.16	546178.38	8534769.31	-17.94	1.85
10	529708.81	8520357.64	529712.78	8520339.7	-3.97	17.94
10	529127.89	8522964.89	529128.39	8522963.73	-0.50	1.16
10	530058.68	8522637.22	530068.49	8522625.26	-9.81	11.96
10	531103.26	8522659.4	531111.63	8522653.91	-8.37	5.49
10	530998.88	8523976.32	531008.11	8523972.03	-9.23	4.29
10	530392.6	8525387.86	530402.22	8525382.79	-9.62	5.07
10	530720.14	8525462.90	530724.21	8525456.16	-4.07	6.74
10	530871.49	8525605.73	530874.66	8525599.97	-3.18	5.76
10	531140.14	8525936.11	531150.03	8525940.77	-9.89	-4.66
10	530056.21	8526282.88	530061.63	8526279.18	-5.43	3.70
10	530498.86	8527063.04	530505.16	8527047.64	-6.29	15.41
10	530594.5	8527343.16	530602.13	8527342.84	-7.63	0.32
10	530191.27	8521328.02	530197.37	8521311.58	-6.10	16.44
10	531841.54	8523241.35	531854.32	8523223.45	-12.78	17.90
10	530983.31	8527794.49	530995.08	8527799.61	-11.77	-5.12
10	531330.96	8524562.34	531338.87	8524557.7	-7.91	4.64
10	531321.08	8523413.33	531330.14	8523405.63	-9.06	7.70
10	525111.88	8526390.69	525108.4	8526376.49	3.48	14.20
10	523588.89	8523475.63	523572.15	8523461.36	16.74	14.27
10	523366.75	8523650.53	523358.00	8523652.8	8.75	-2.27
10	524519.43	8522975.42	524507.08	8523000.11	12.35	-24.69
10	525158.63	8525553.92	525151.46	8525550.38	7.17	3.54
10	525932.48	8527194.15	525922.51	8527196.97	9.97	-2.81
10	525799.42	8527623.01	525797.98	8527600.27	1.44	22.74
10	526221.21	8528343.85	526210.05	8528342.17	11.16	1.69
10	525611.38	8528786.11	525604.97	8528782.21	6.41	3.91
10	524355.18	8529806.08	524341.51	8529806.76	13.68	-0.68

10	521433.29	8529323.87	521417.65	8529332.5	15.64	-8.63
10	524565.00	8524145.92	524548.64	8524132.69	16.36	13.23
10	524530.70	8522429.61	524522.77	8522410.24	7.92	19.37
10	517202.26	8529467.34	517202.10	8529470.3	0.16	-2.96
10	524375.91	8528904.29	524357.45	8528901.14	18.46	3.15
10	524606.85	8528289.08	524589.15	8528288.96	17.70	0.12
10	524627.67	8527883.45	524616.12	8527892.5	11.54	-9.05
10	522121.57	8528422.62	522117.80	8528427.27	3.76	-4.65