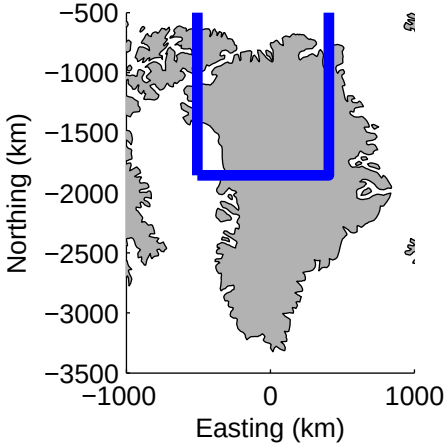
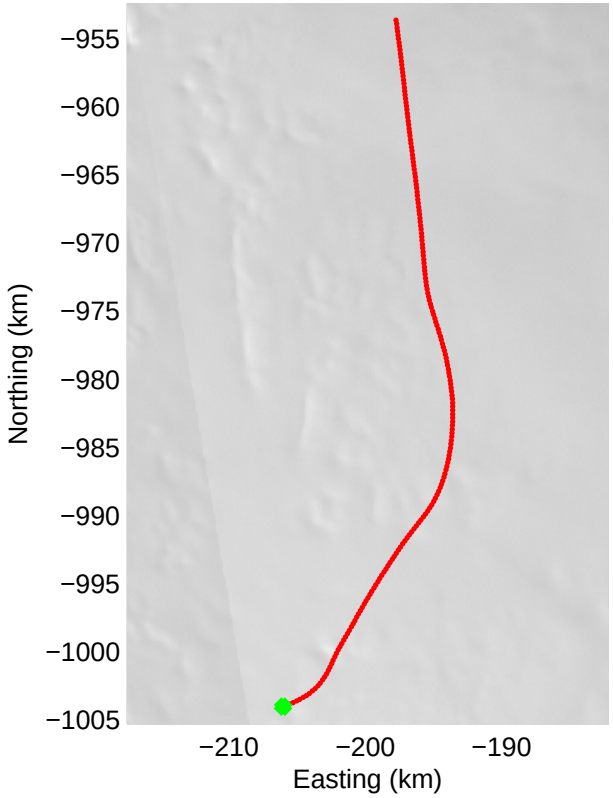
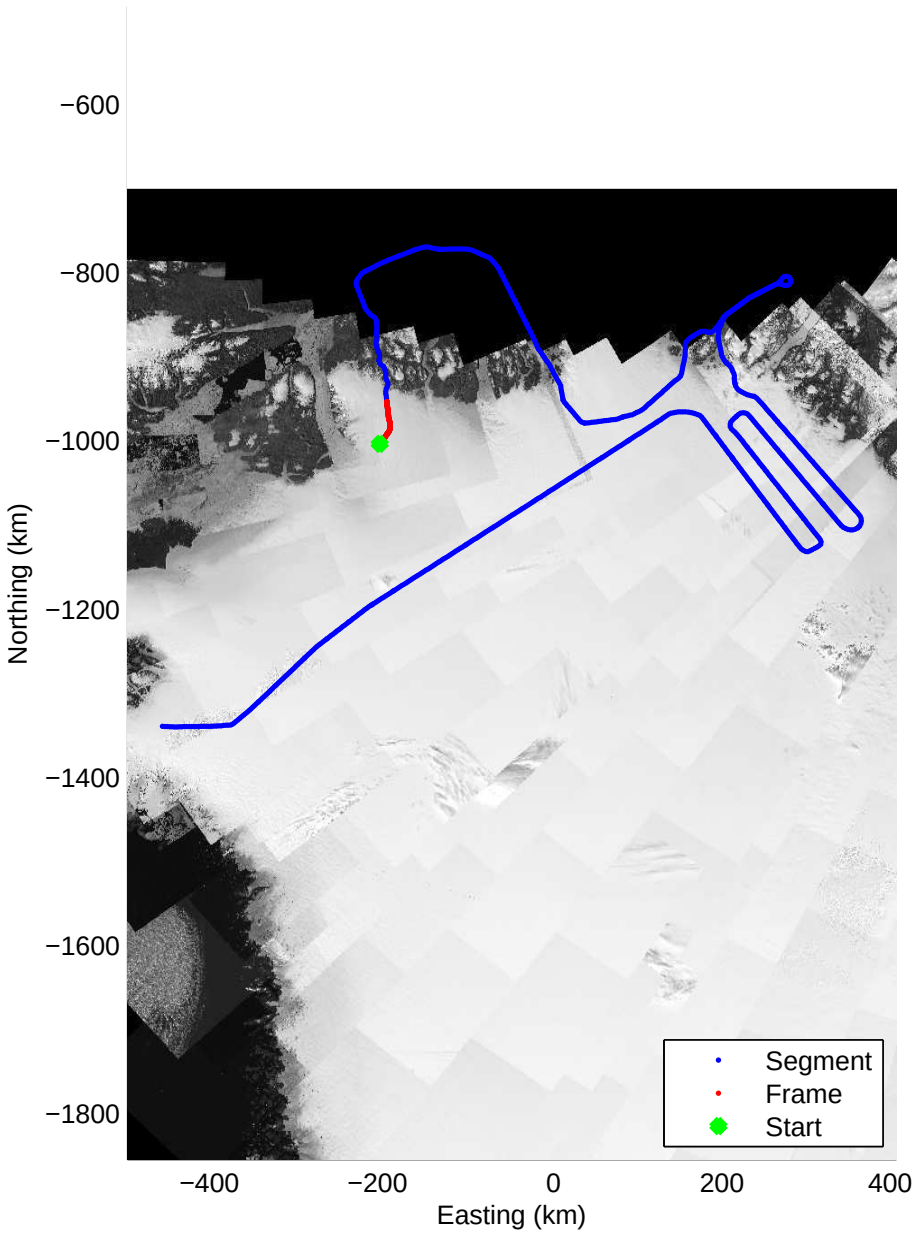
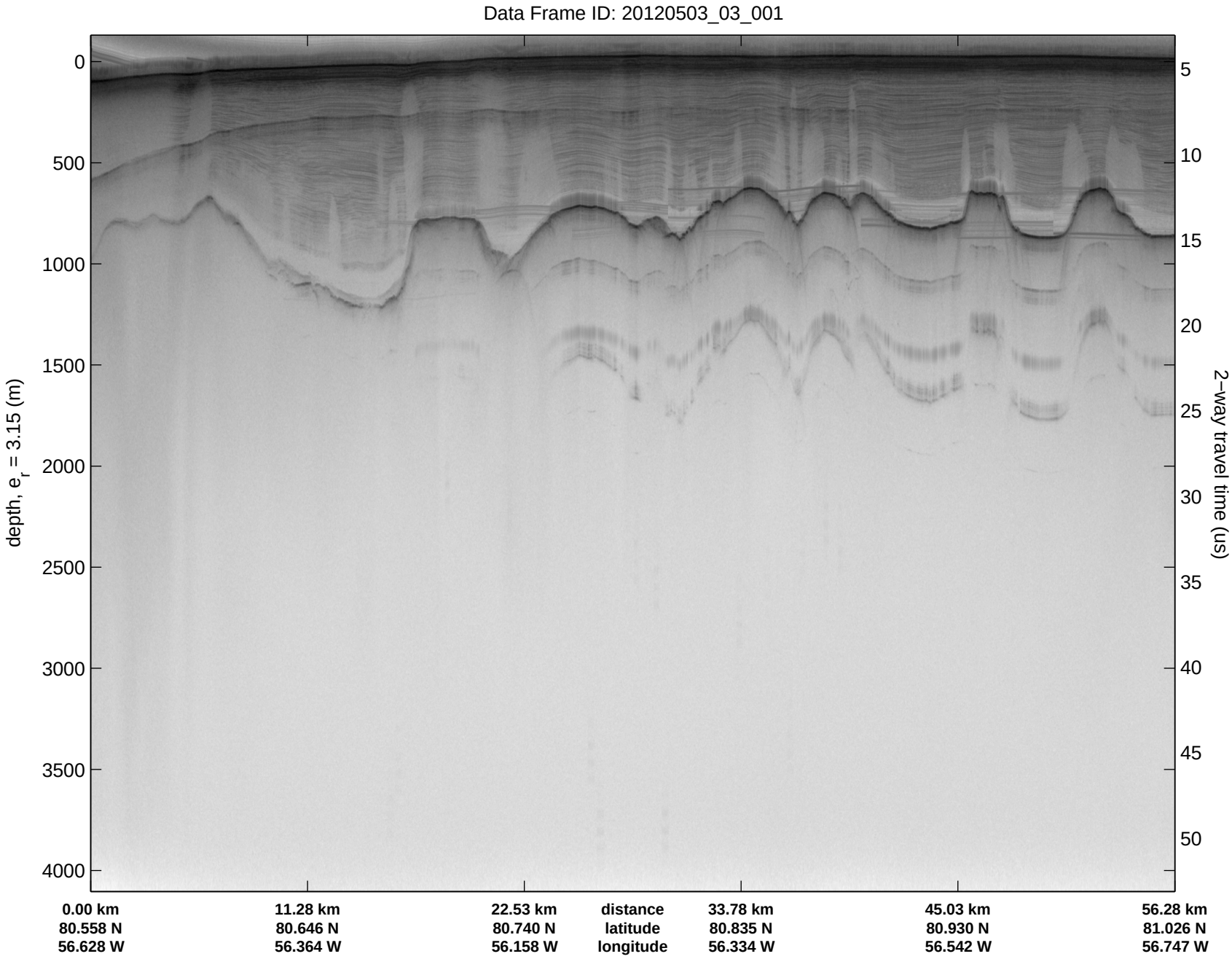
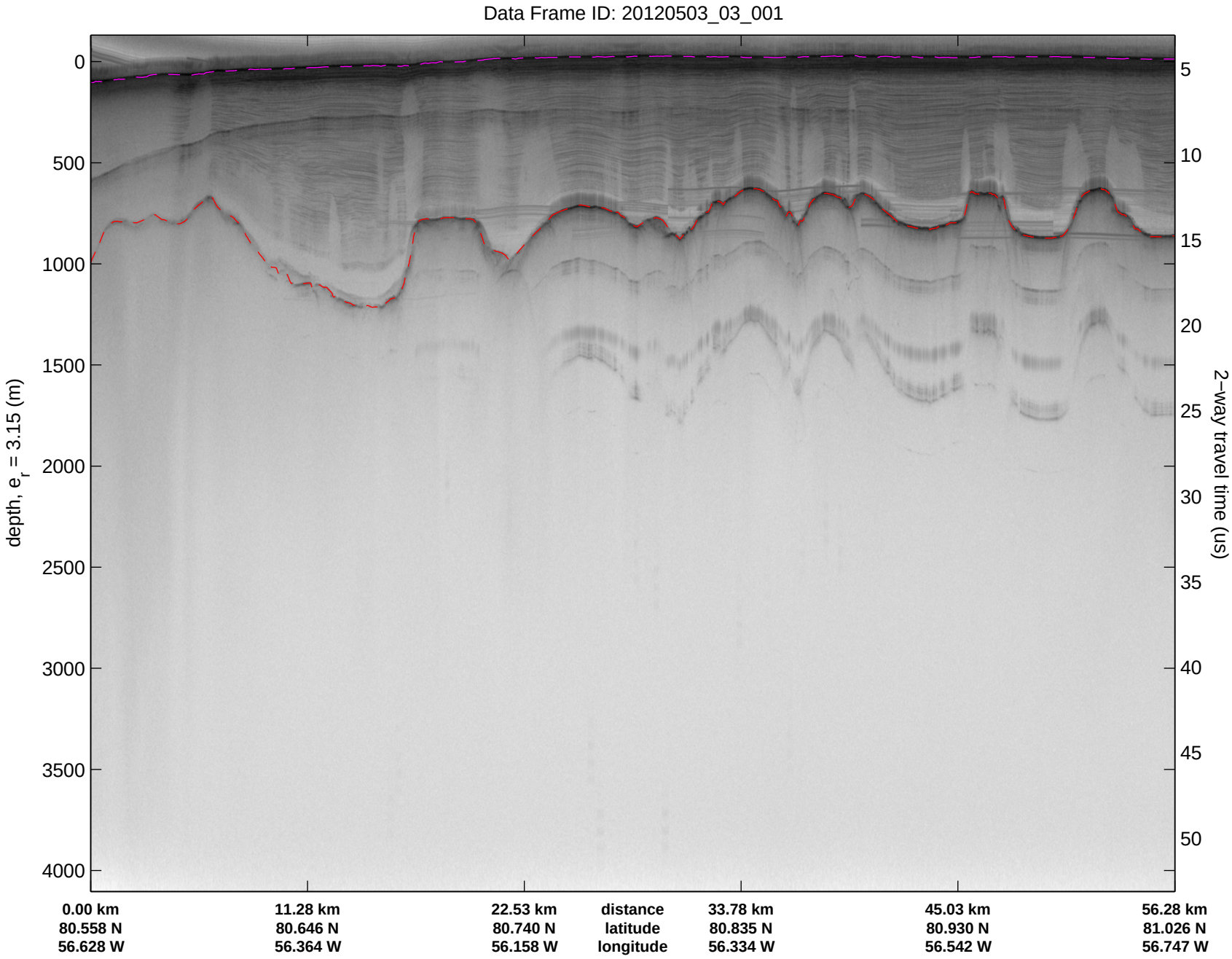
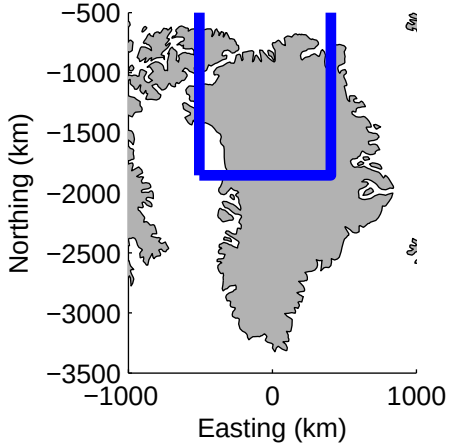

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

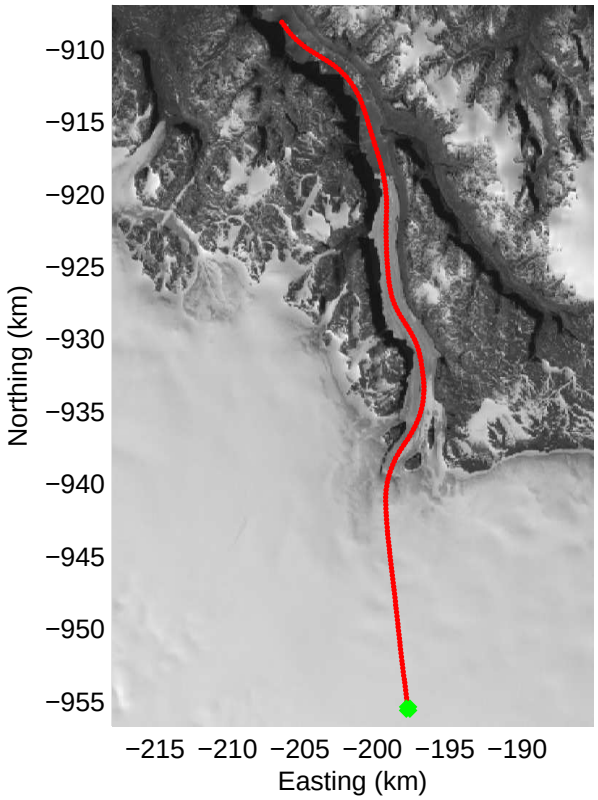

−955
−960
−965
−970
−975
−980
−985
−990
−995
−1000
−1005
Northing (km)
−210
−200
−190
Easting (km)

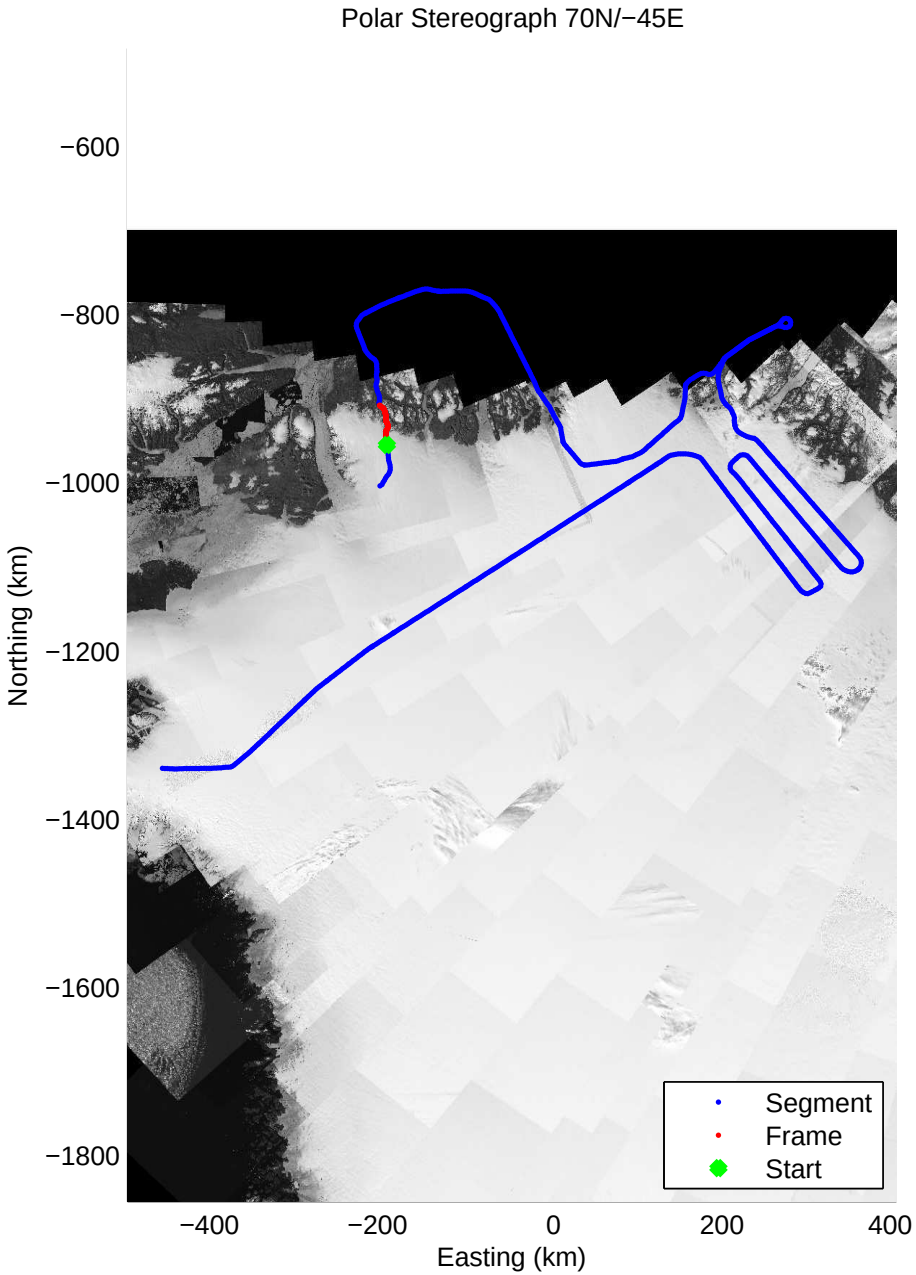

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

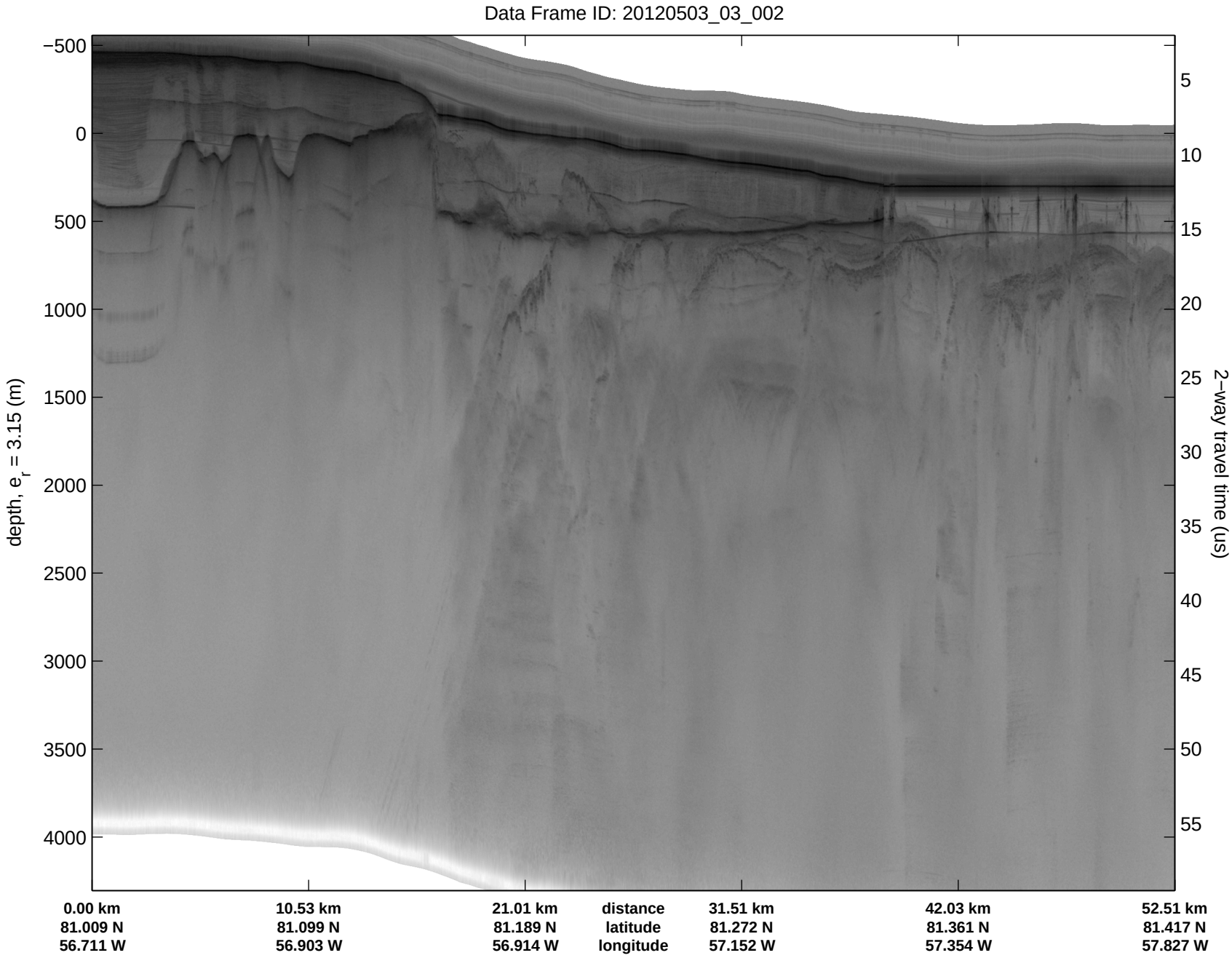

Data Frame ID: 20120503_03_001
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.558 N
56.628 W
11.28 km
80.646 N
56.364 W
22.53 km
80.740 N
56.158 W
distance
latitude
longitude
33.78 km
80.835 N
56.334 W
45.03 km
80.930 N
56.542 W
56.28 km
81.026 N
56.747 W

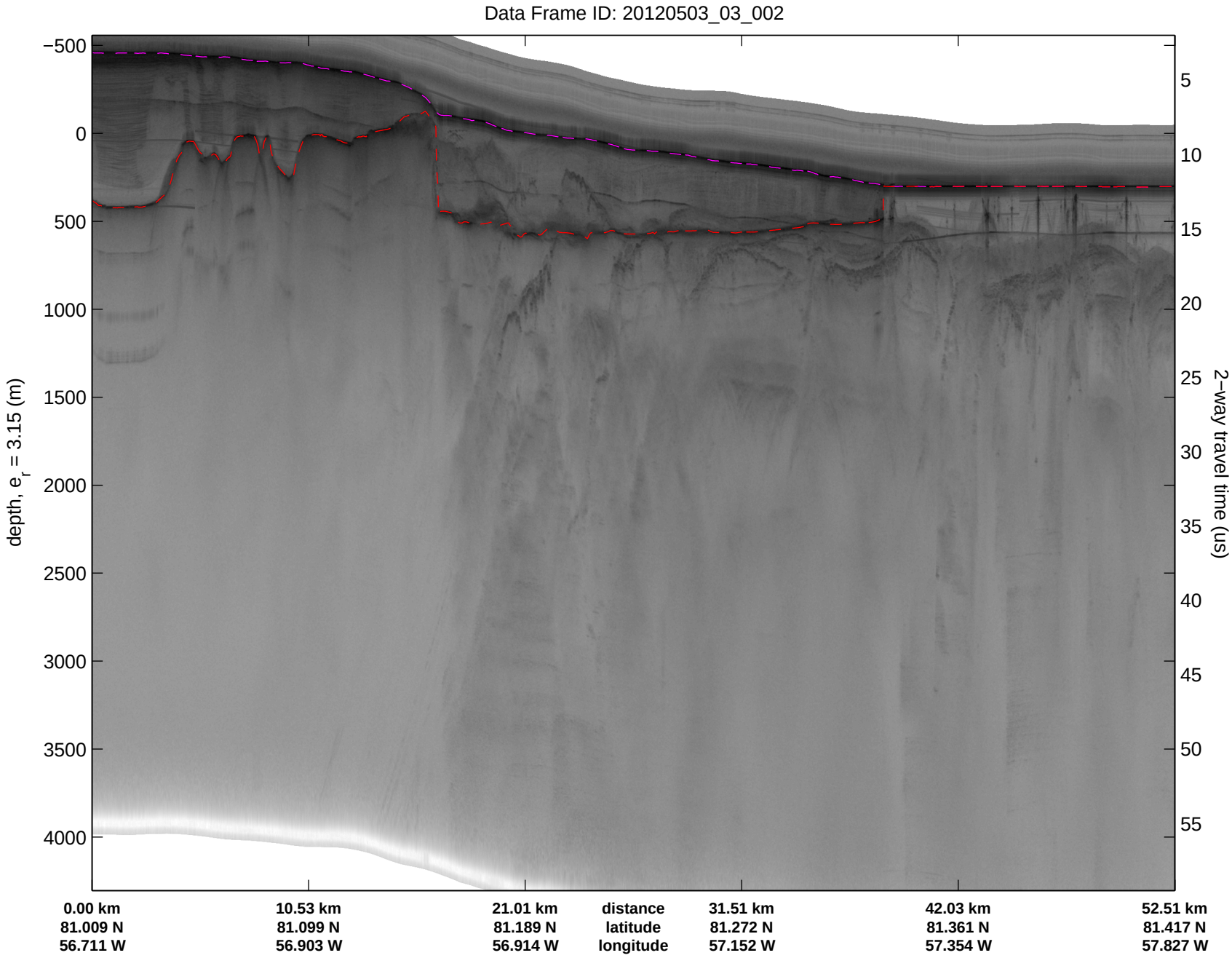

Data Frame ID: 20120503_03_001
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.558 N
56.628 W
11.28 km
80.646 N
56.364 W
22.53 km
80.740 N
56.158 W
distance
latitude
longitude
33.78 km
80.835 N
56.334 W
45.03 km
80.930 N
56.542 W
56.28 km
81.026 N
56.747 W

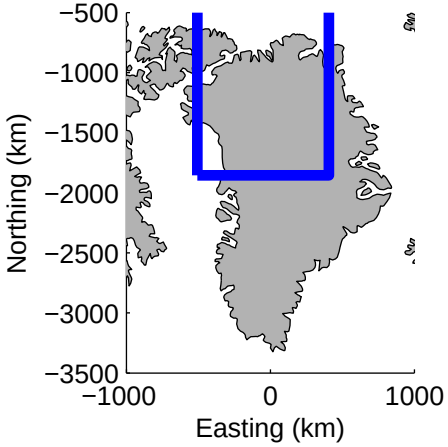

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

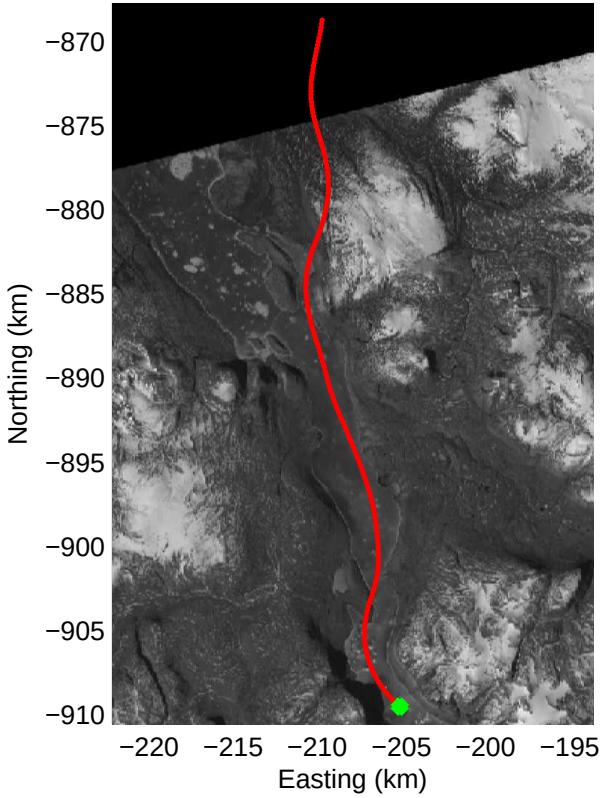

−910
−915
−920
−925
−930
−935
−940
−945
−950
−955
Northing (km)
−215 −210 −205 −200 −195 −190
Easting (km)

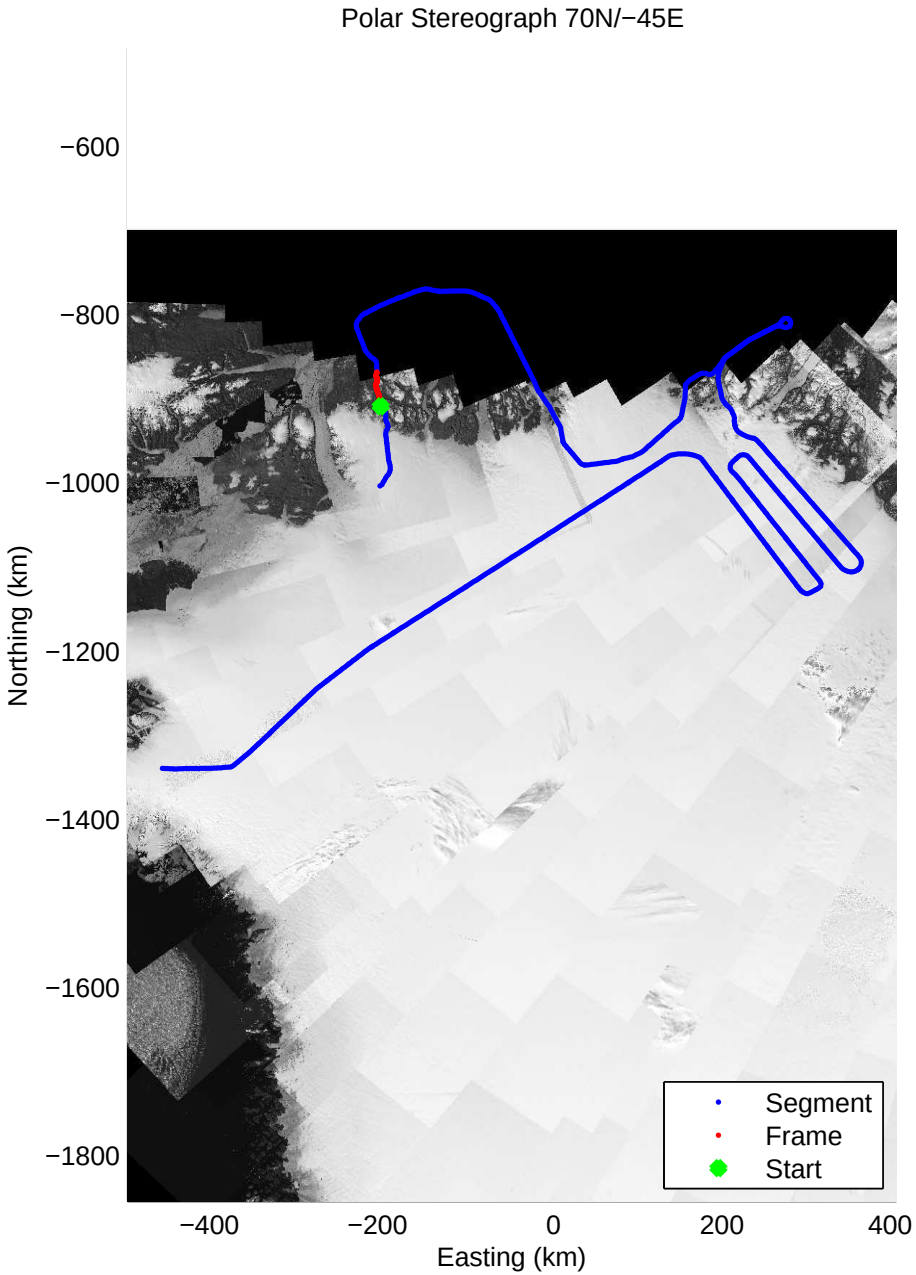

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

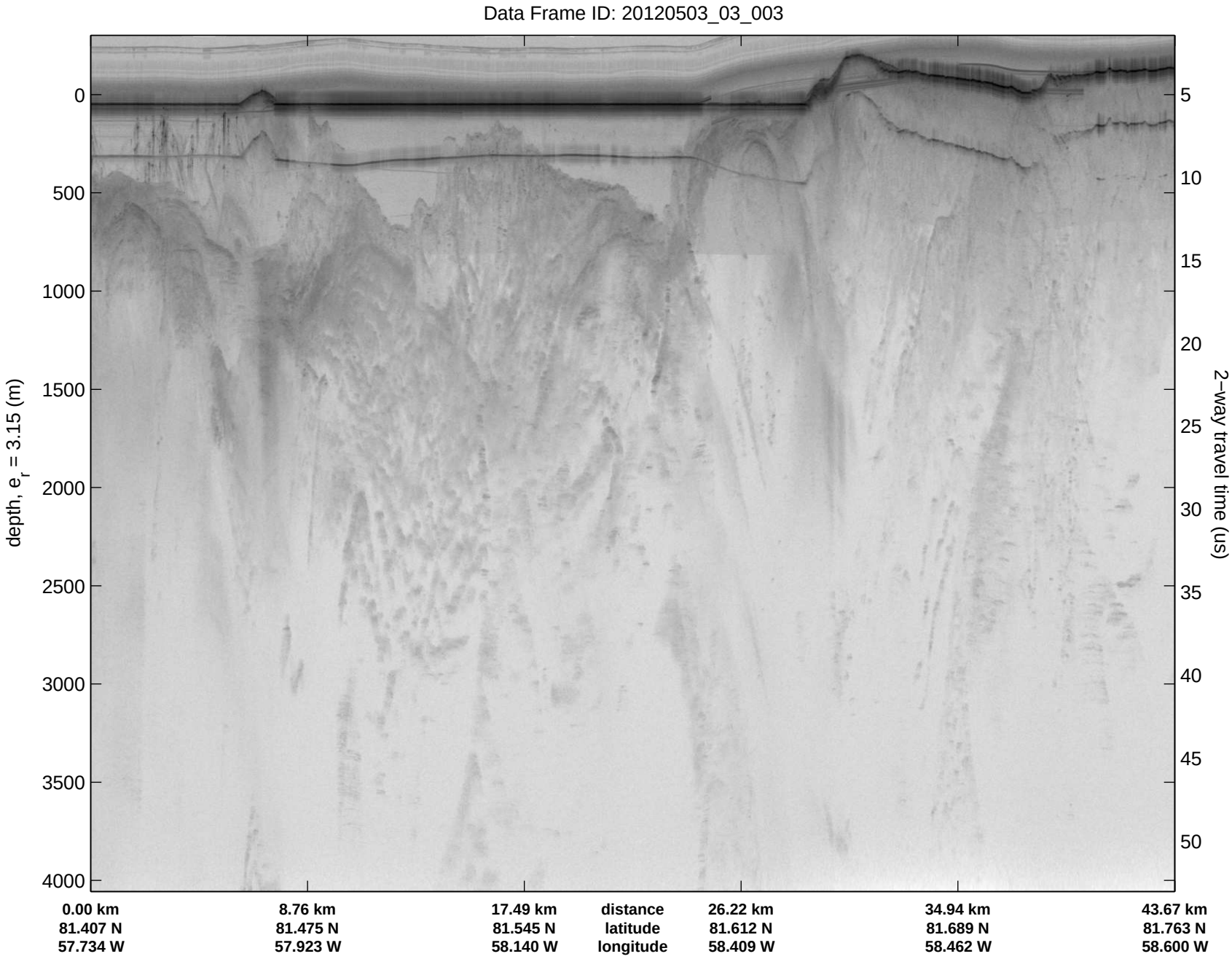

Data Frame ID: 20120503_03_002
depth, e_r = 3.15 (m)
−500
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
55
0.00 km
81.009 N
56.711 W
10.53 km
81.099 N
56.903 W
21.01 km
81.189 N
56.914 W
distance
latitude
longitude
31.51 km
81.272 N
57.152 W
42.03 km
81.361 N
57.354 W
52.51 km
81.417 N
57.827 W

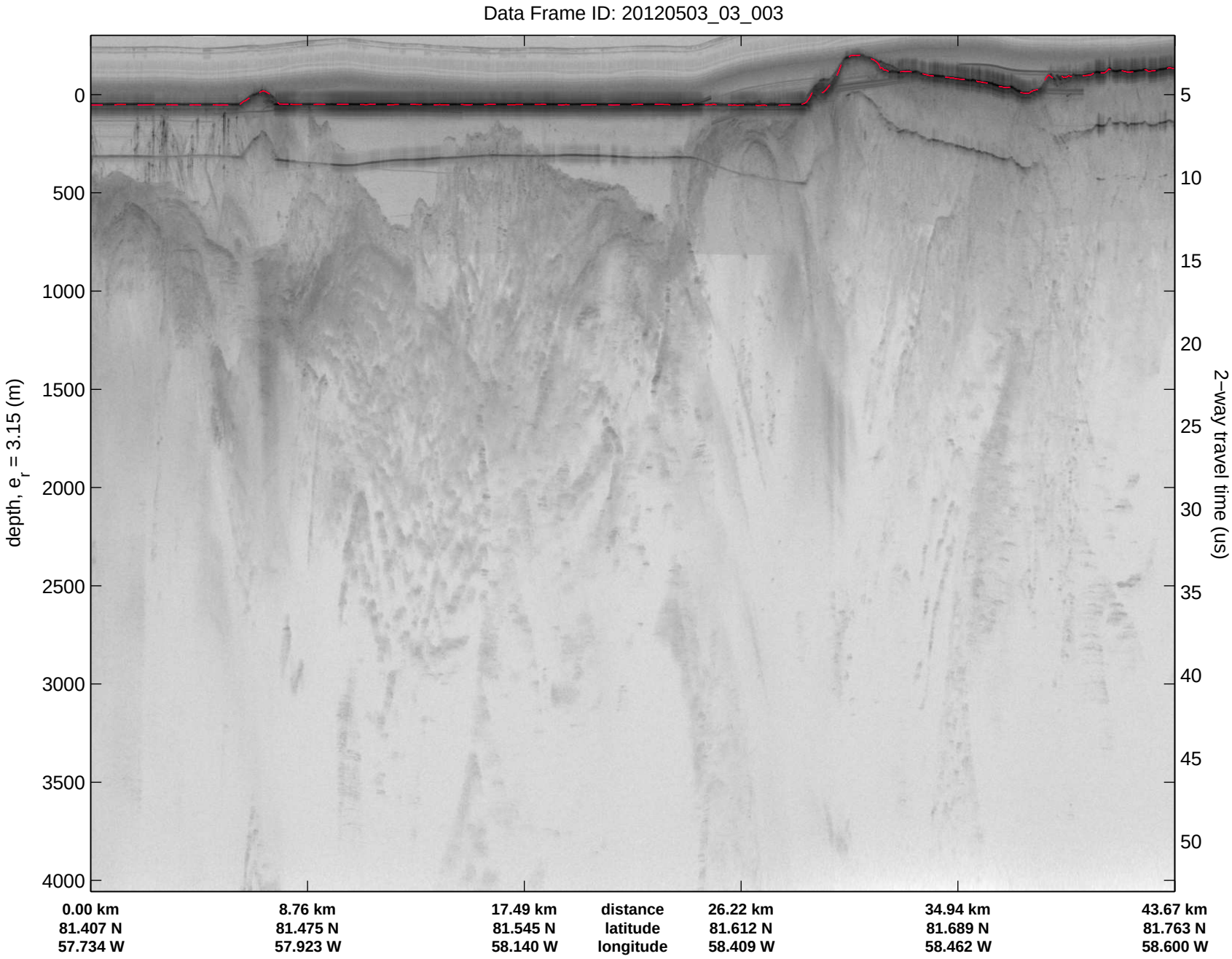

Data Frame ID: 20120503_03_002
depth, e_r = 3.15 (m)
−500
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
55
0.00 km
81.009 N
56.711 W
10.53 km
81.099 N
56.903 W
21.01 km
81.189 N
56.914 W
distance
latitude
longitude
31.51 km
81.272 N
57.152 W
42.03 km
81.361 N
57.354 W
52.51 km
81.417 N
57.827 W

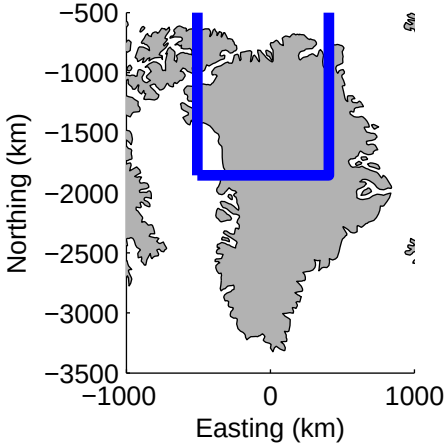

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

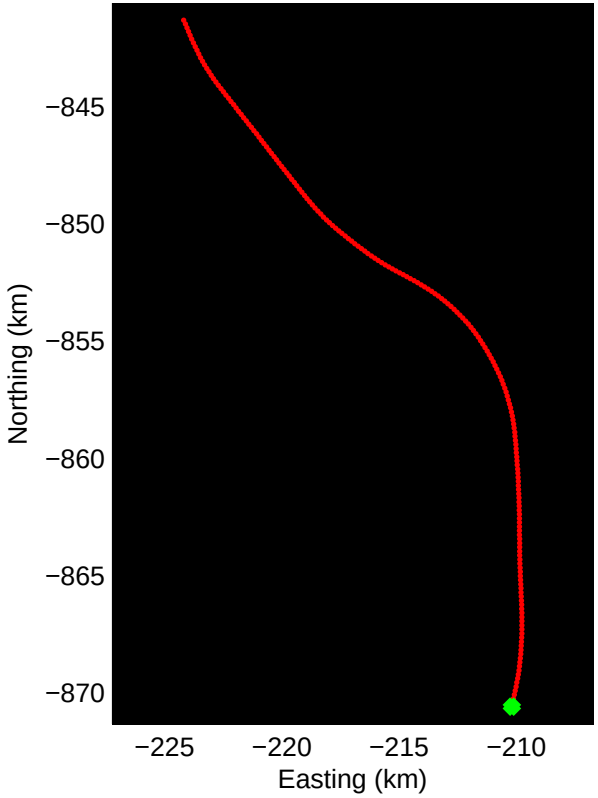

−870
−875
−880
−885
−890
−895
−900
−905
−910
Northing (km)
−220
−215
−210
−205
−200
−195
Easting (km)

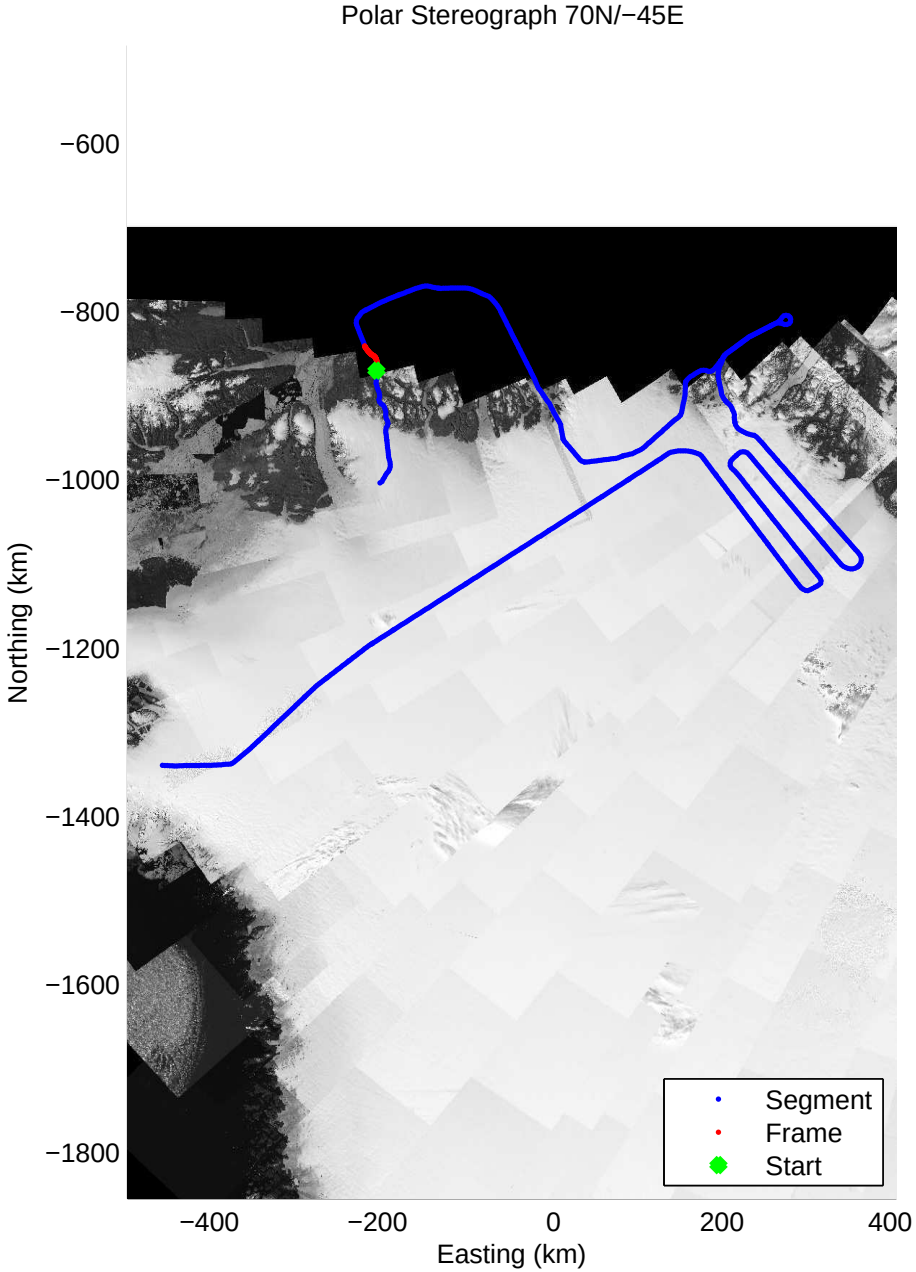

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

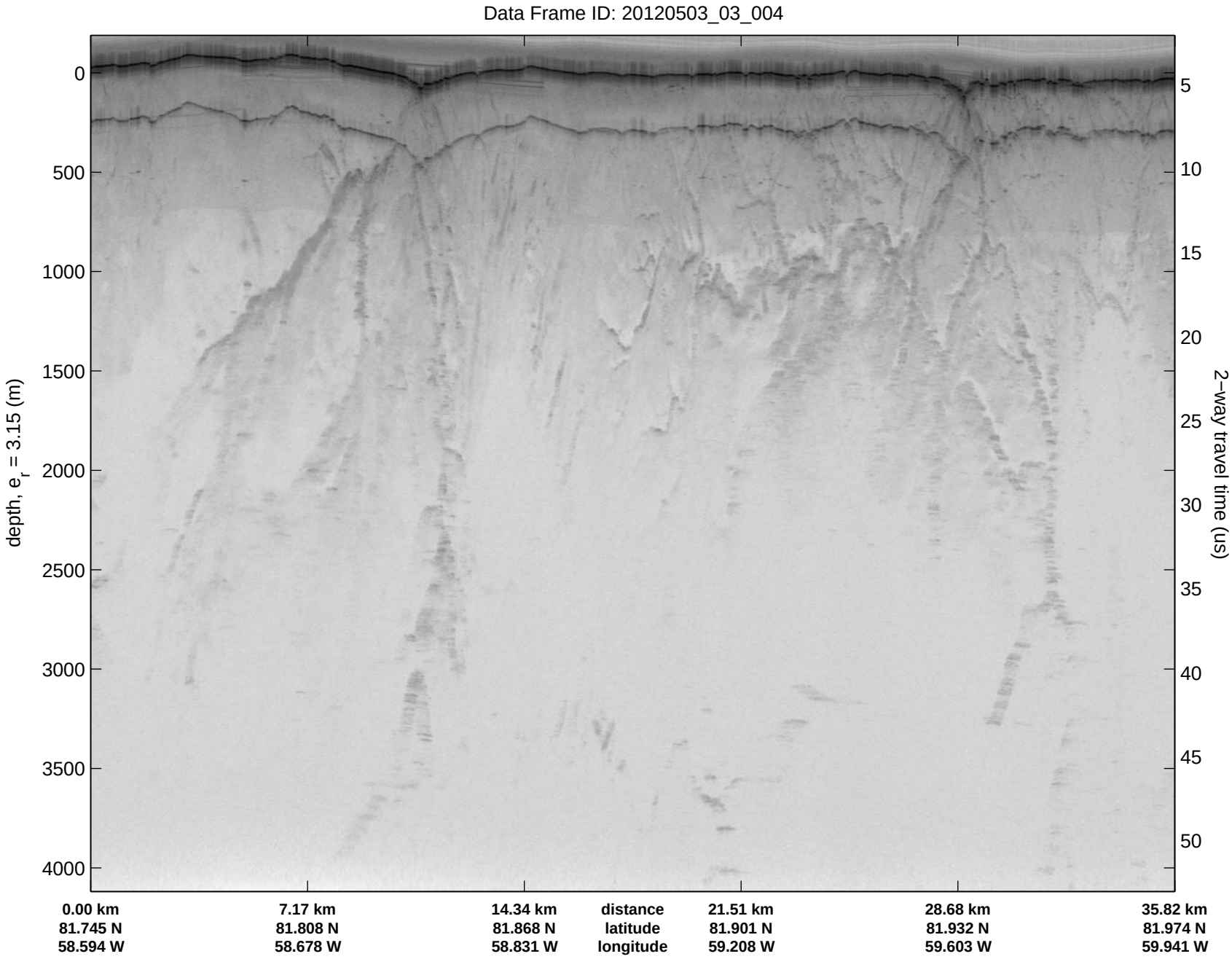

Data Frame ID: 20120503_03_003
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.407 N
57.734 W
8.76 km
81.475 N
57.923 W
17.49 km
81.545 N
58.140 W
distance
latitude
longitude
26.22 km
81.612 N
58.409 W
34.94 km
81.689 N
58.462 W
43.67 km
81.763 N
58.600 W

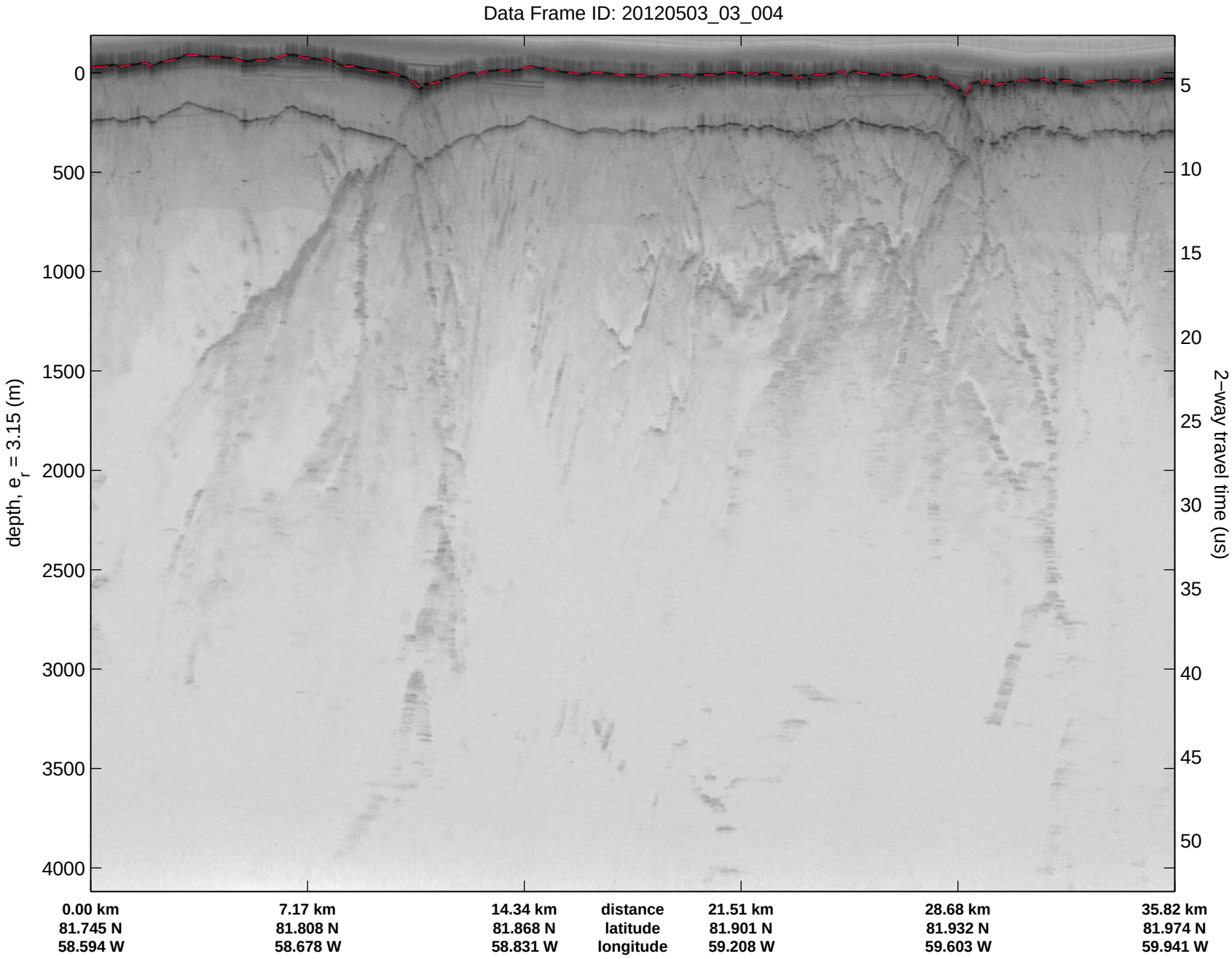

Data Frame ID: 20120503_03_003
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.407 N
57.734 W
8.76 km
81.475 N
57.923 W
17.49 km
81.545 N
58.140 W
distance
latitude
longitude
26.22 km
81.612 N
58.409 W
34.94 km
81.689 N
58.462 W
43.67 km
81.763 N
58.600 W

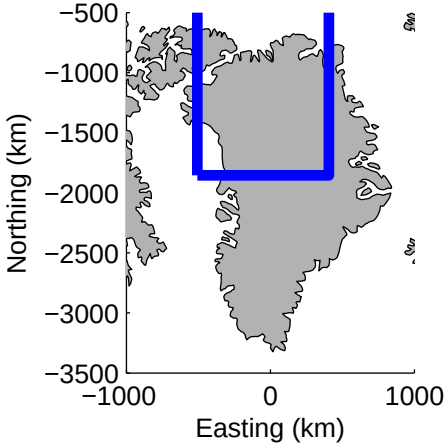

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

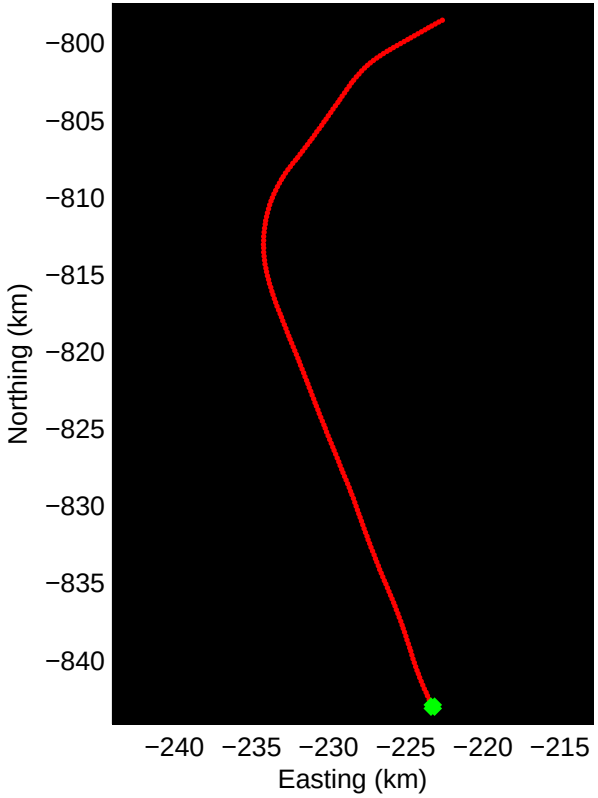

−845
−850
−855
−860
−865
−870
Northing (km)
−225
−220
−215
−210
Easting (km)

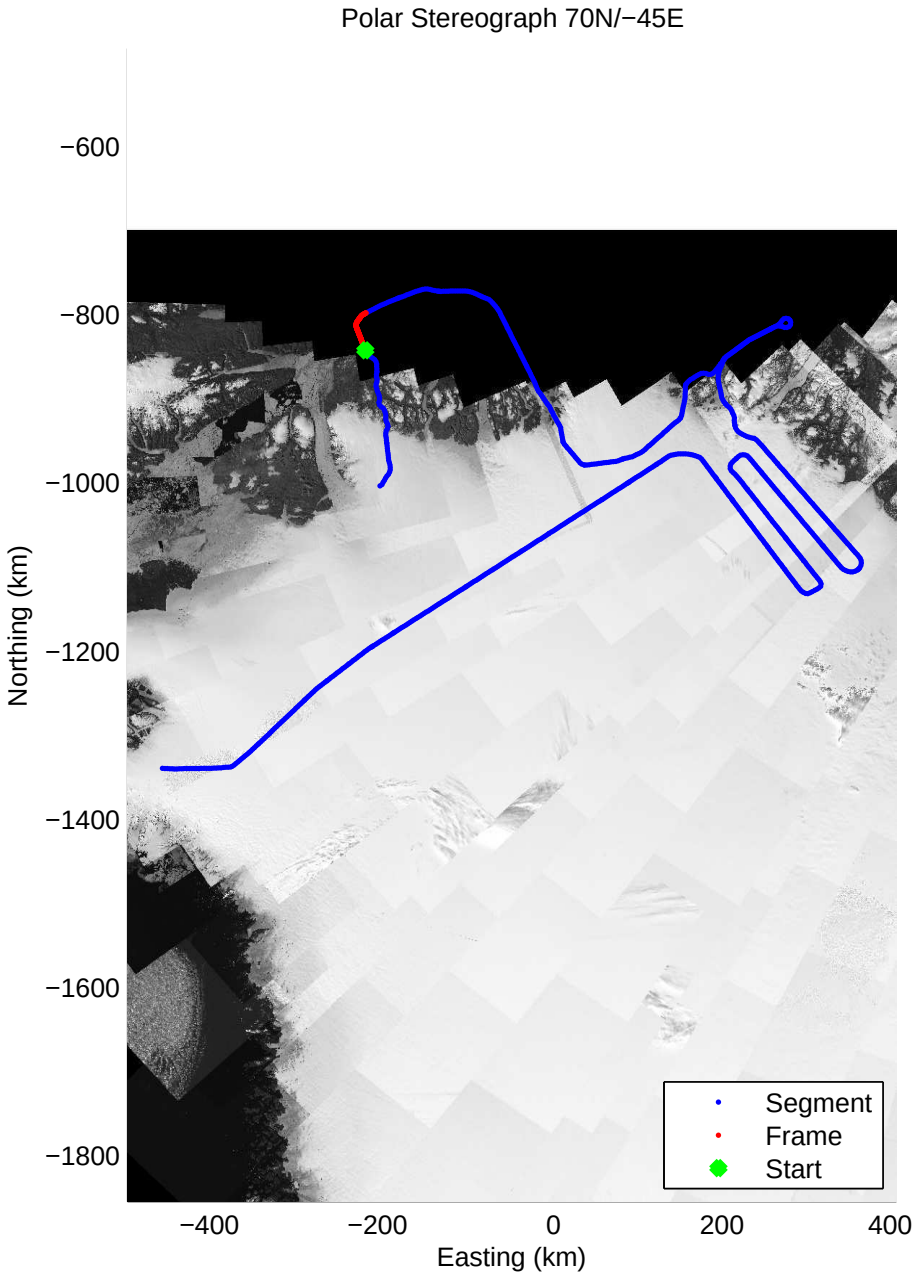

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

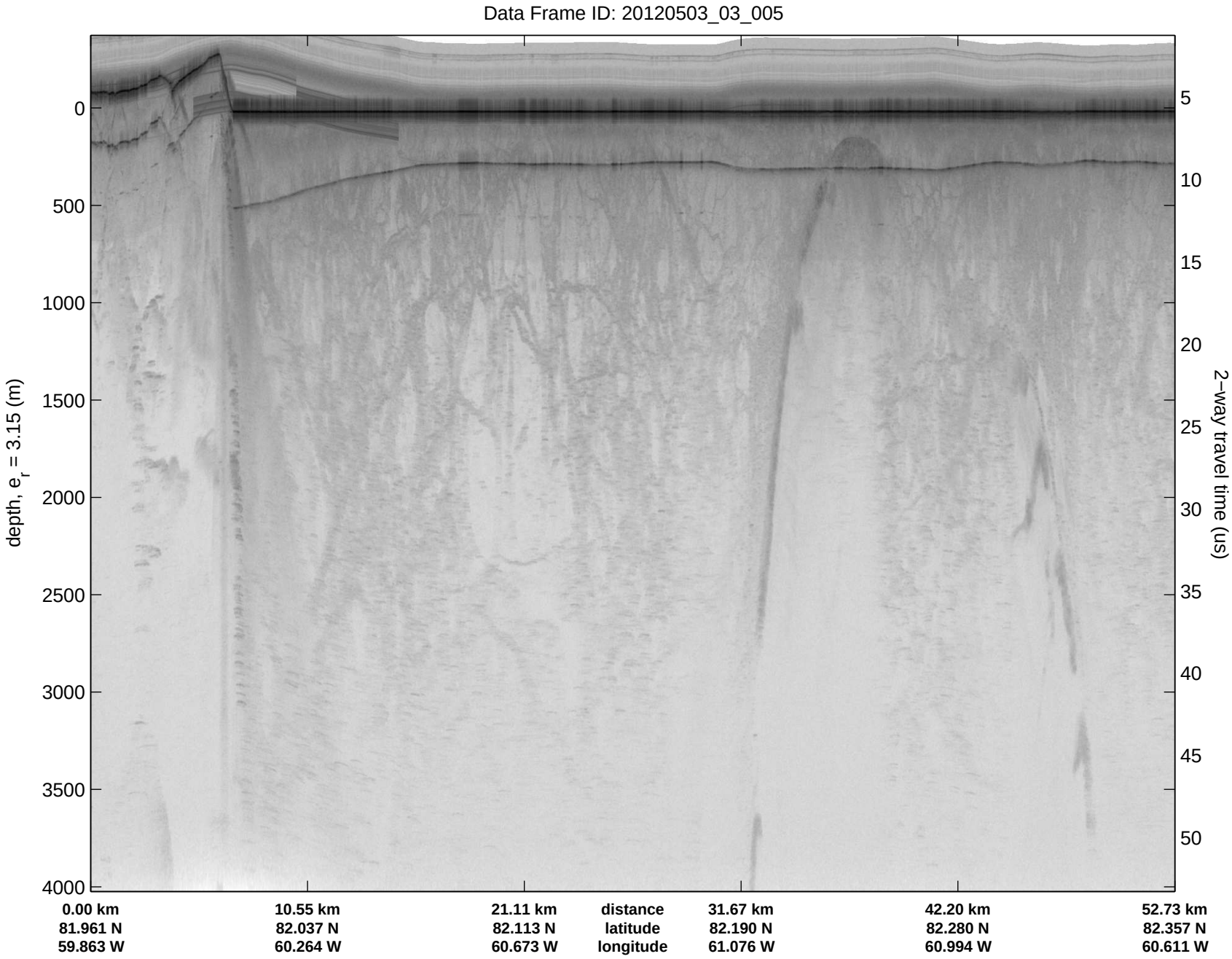

Data Frame ID: 20120503_03_004
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.745 N
58.594 W
7.17 km
81.808 N
58.678 W
14.34 km
81.868 N
58.831 W
distance
latitude
longitude
21.51 km
81.901 N
59.208 W
28.68 km
81.932 N
59.603 W
35.82 km
81.974 N
59.941 W

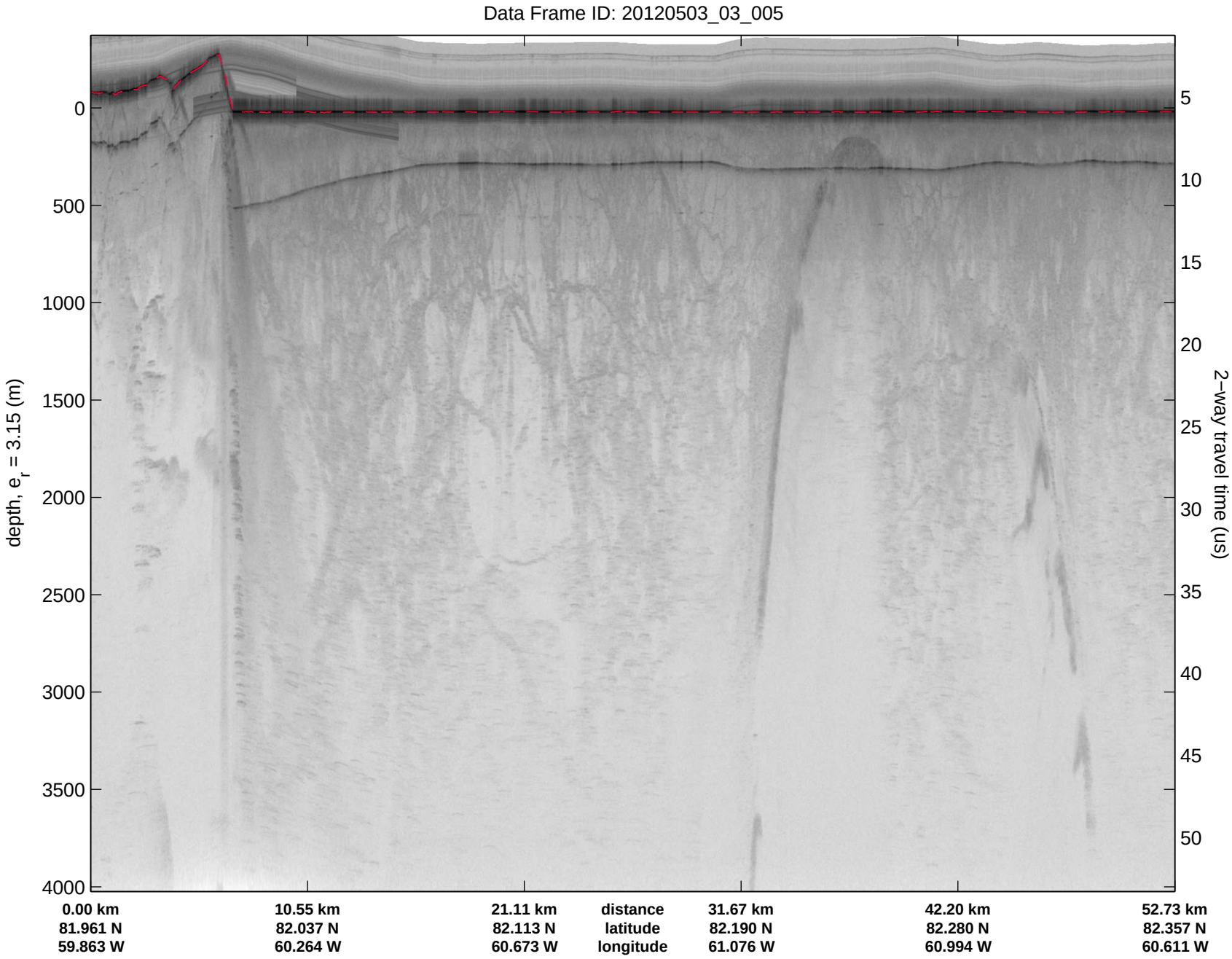

Data Frame ID: 20120503_03_004
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.745 N
58.594 W
7.17 km
81.808 N
58.678 W
14.34 km
81.868 N
58.831 W
distance
latitude
longitude
21.51 km
81.901 N
59.208 W
28.68 km
81.932 N
59.603 W
35.82 km
81.974 N
59.941 W

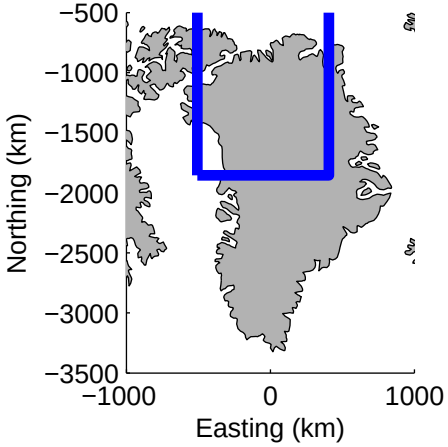

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

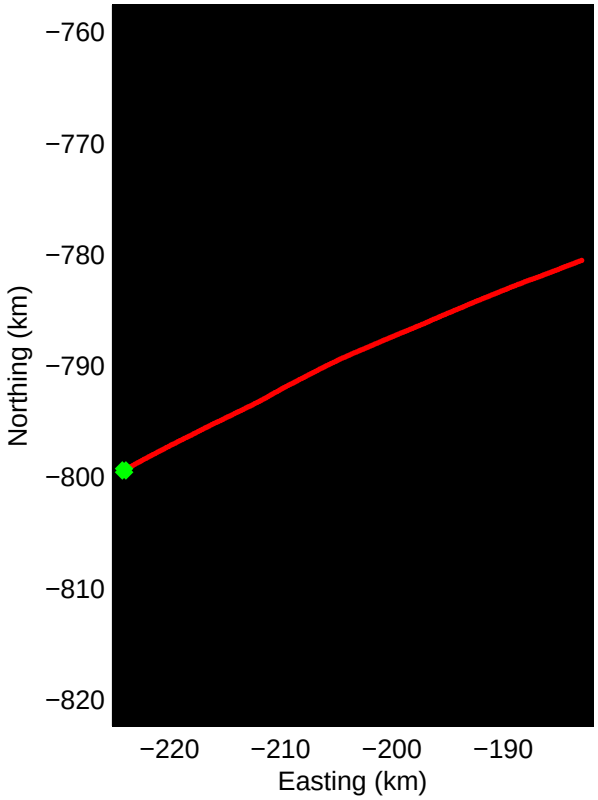

−800
−805
−810
−815
−820
−825
−830
−835
−840
Northing (km)
−240
−235
−230
−225
−220
−215
Easting (km)

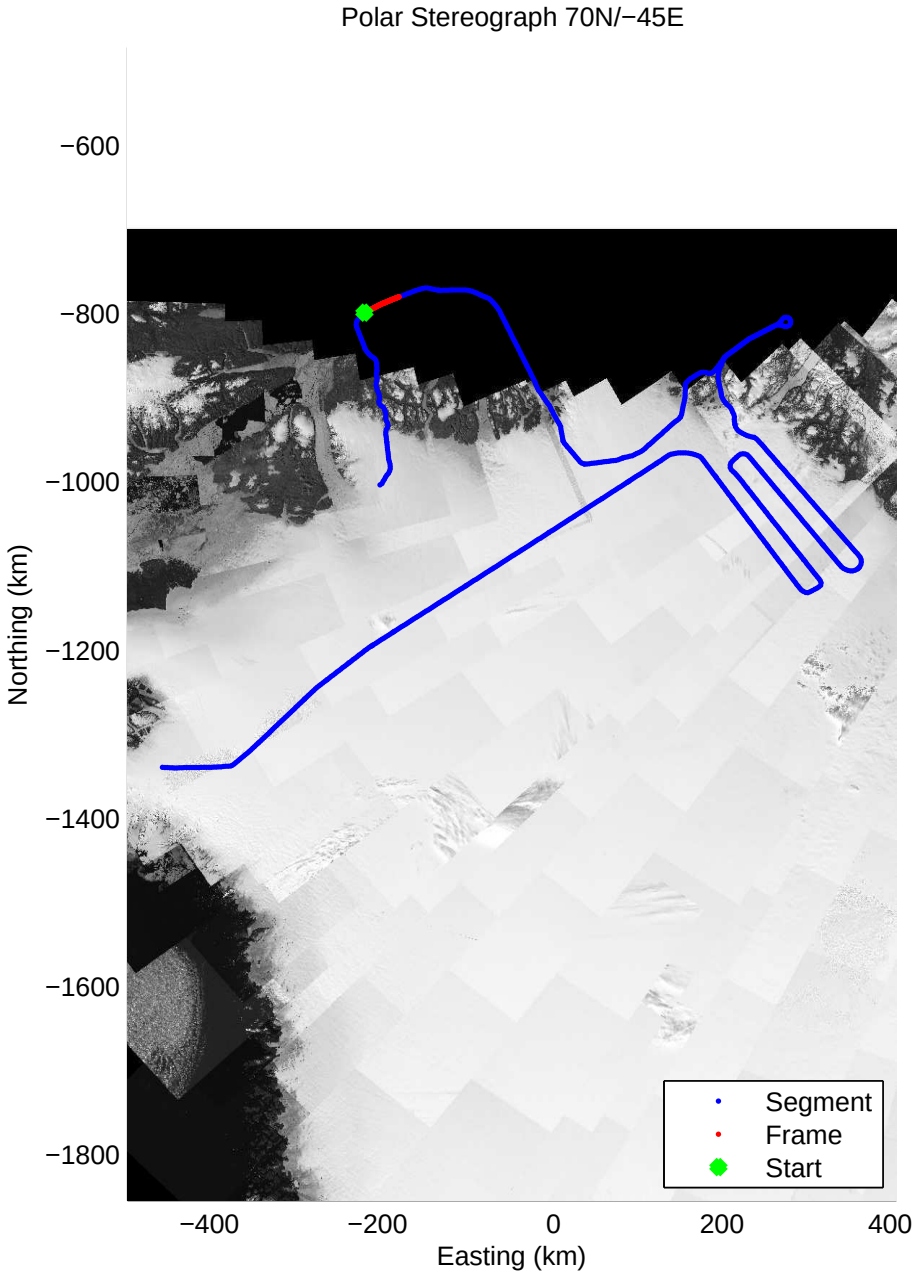

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

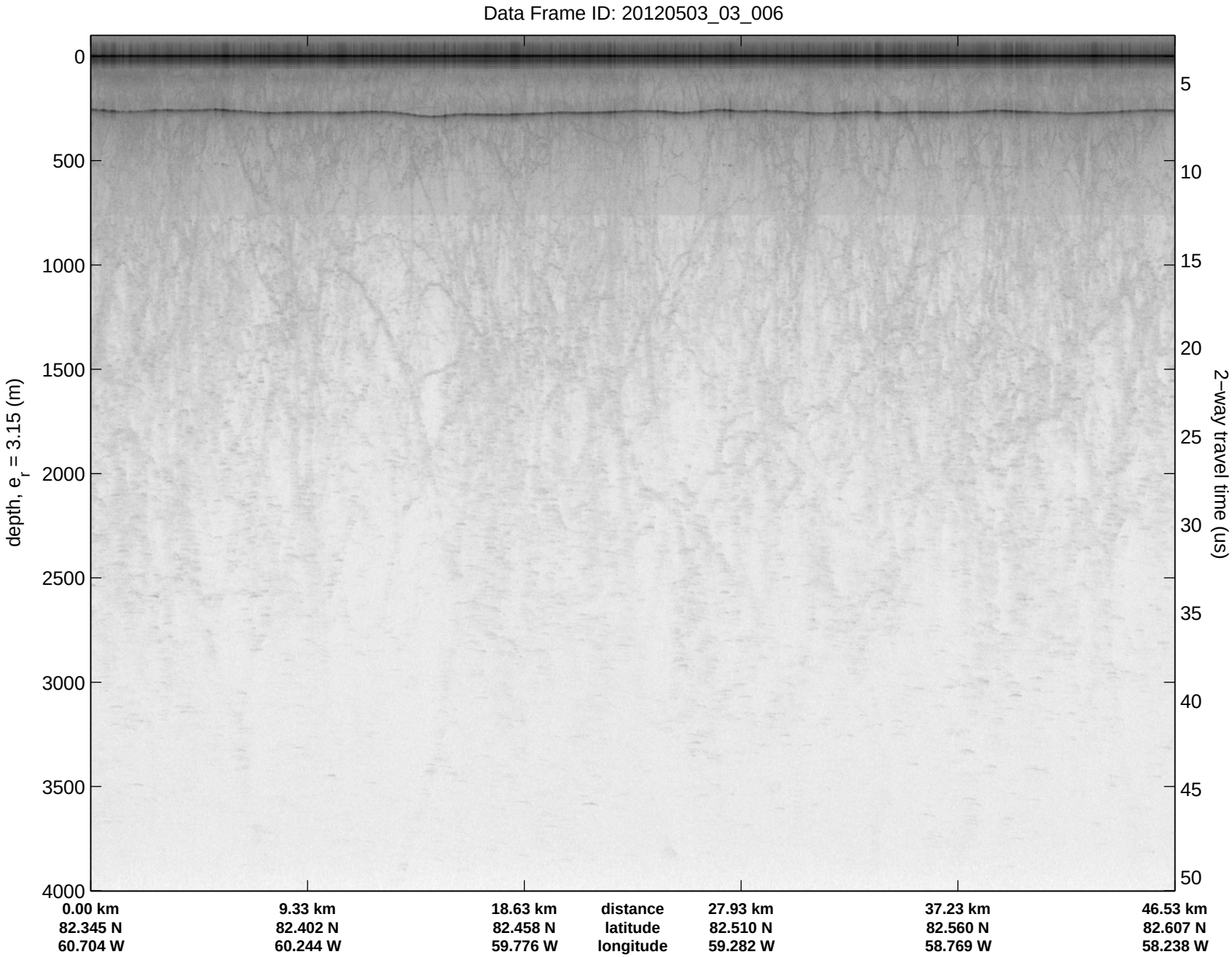

Data Frame ID: 20120503_03_005
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.961 N
59.863 W
10.55 km
82.037 N
60.264 W
21.11 km
82.113 N
60.673 W
distance
latitude
longitude
31.67 km
82.190 N
61.076 W
42.20 km
82.280 N
60.994 W
52.73 km
82.357 N
60.611 W

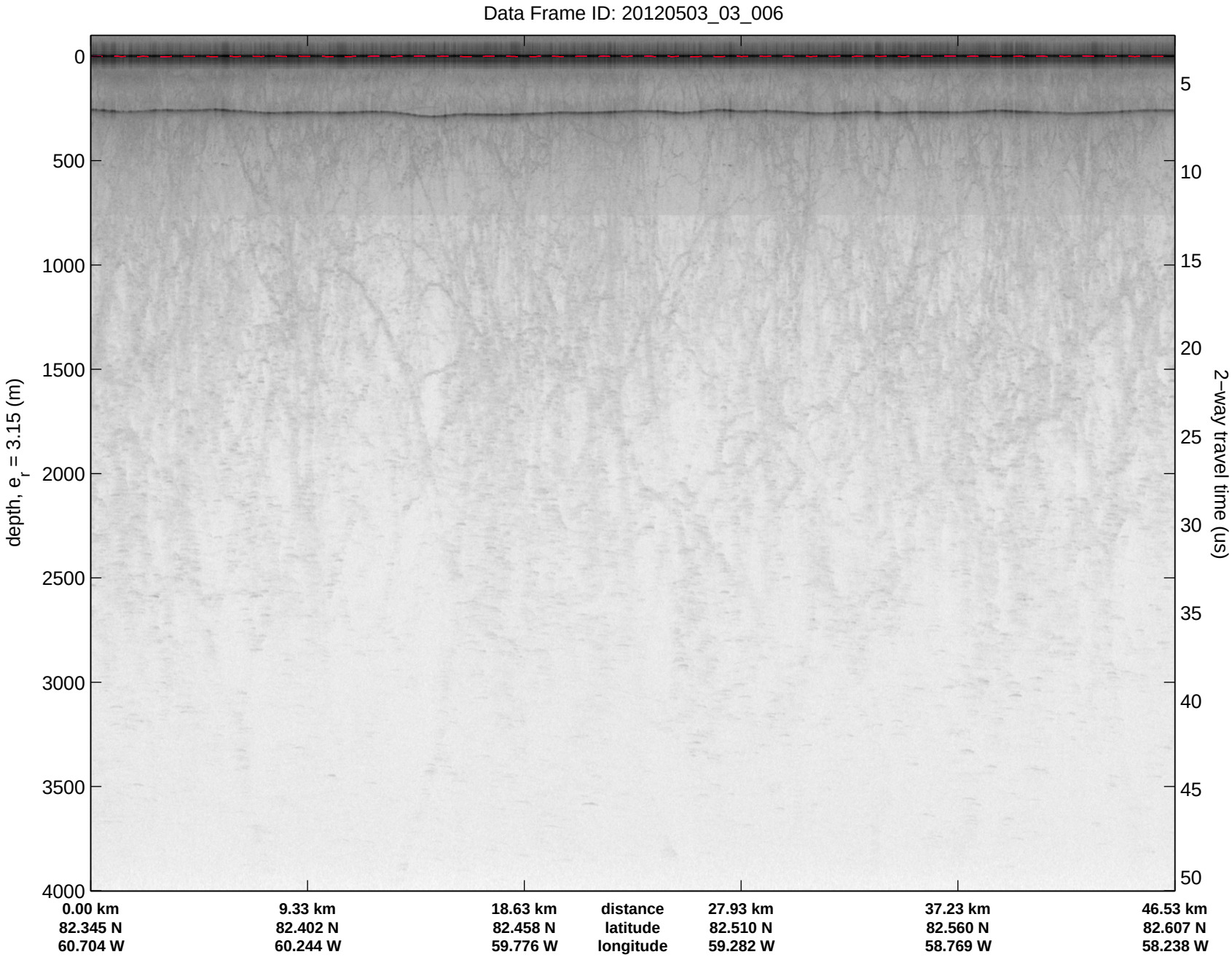

Data Frame ID: 20120503_03_005
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.961 N
59.863 W
10.55 km
82.037 N
60.264 W
21.11 km
82.113 N
60.673 W
distance
latitude
longitude
31.67 km
82.190 N
61.076 W
42.20 km
82.280 N
60.994 W
52.73 km
82.357 N
60.611 W

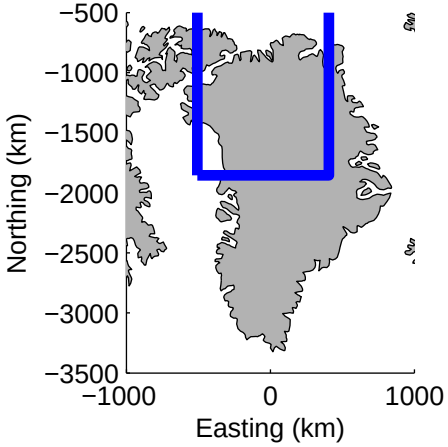

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

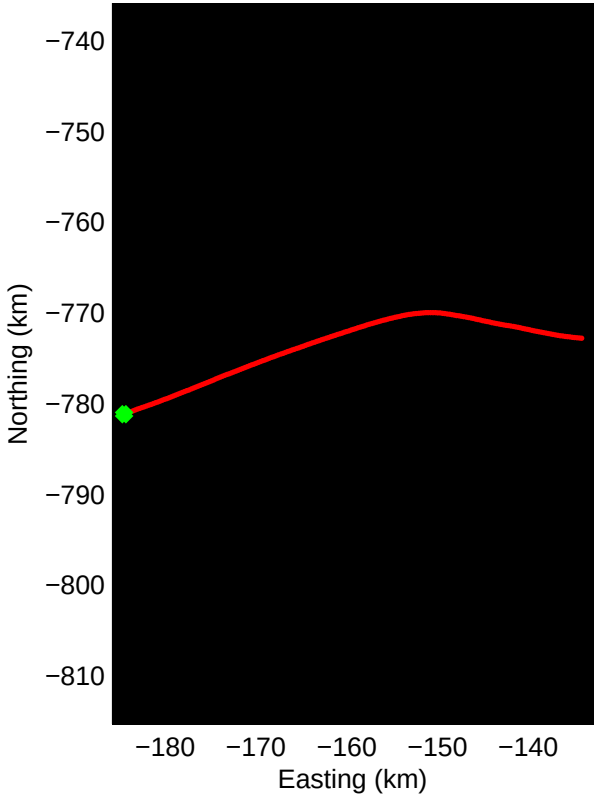

−760
−770
−780
−790
−800
−810
−820
Northing (km)
−220
−210
−200
−190
Easting (km)

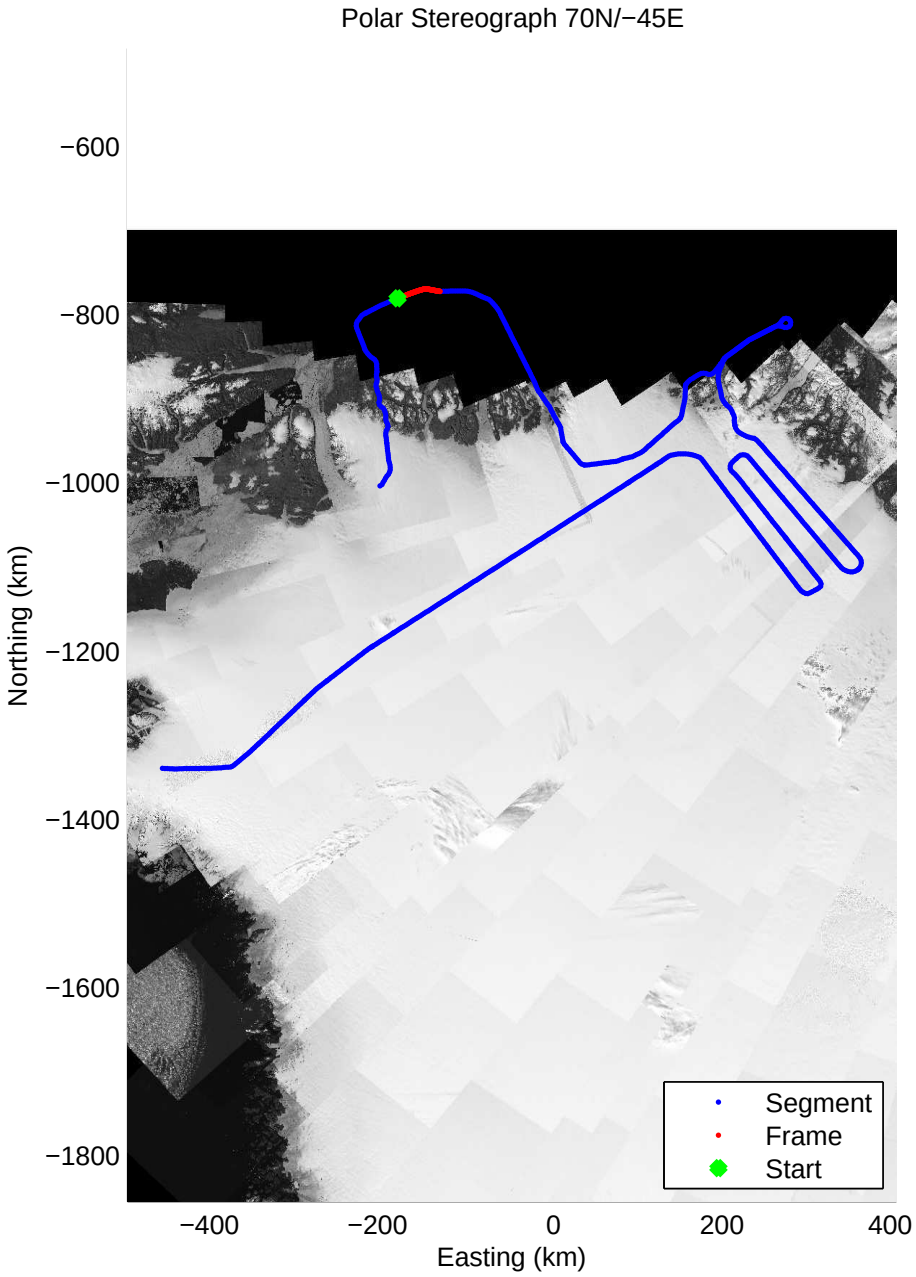

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

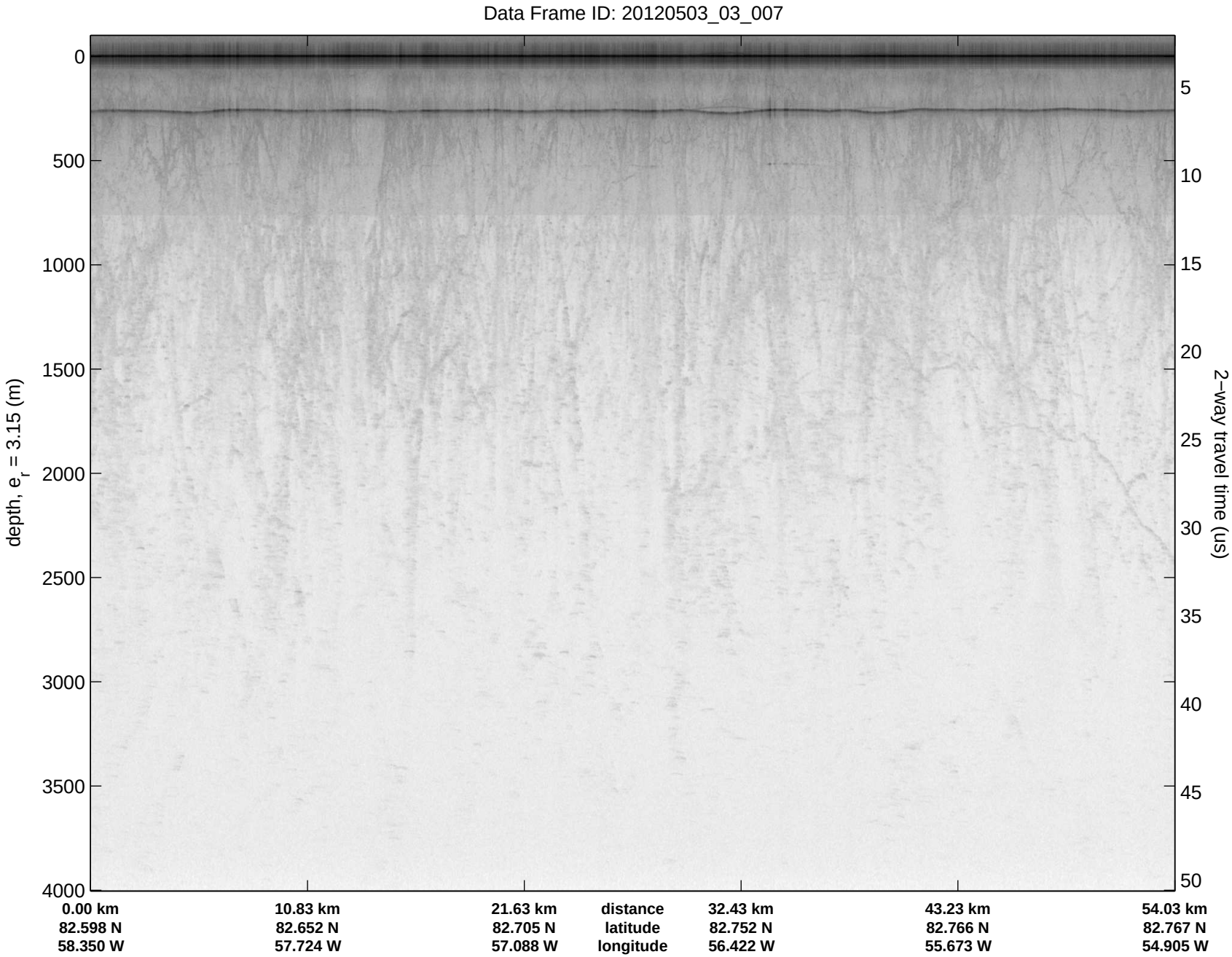

Data Frame ID: 20120503_03_006
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.345 N
60.704 W
9.33 km
82.402 N
60.244 W
18.63 km
82.458 N
59.776 W
distance
latitude
longitude
27.93 km
82.510 N
59.282 W
37.23 km
82.560 N
58.769 W
46.53 km
82.607 N
58.238 W

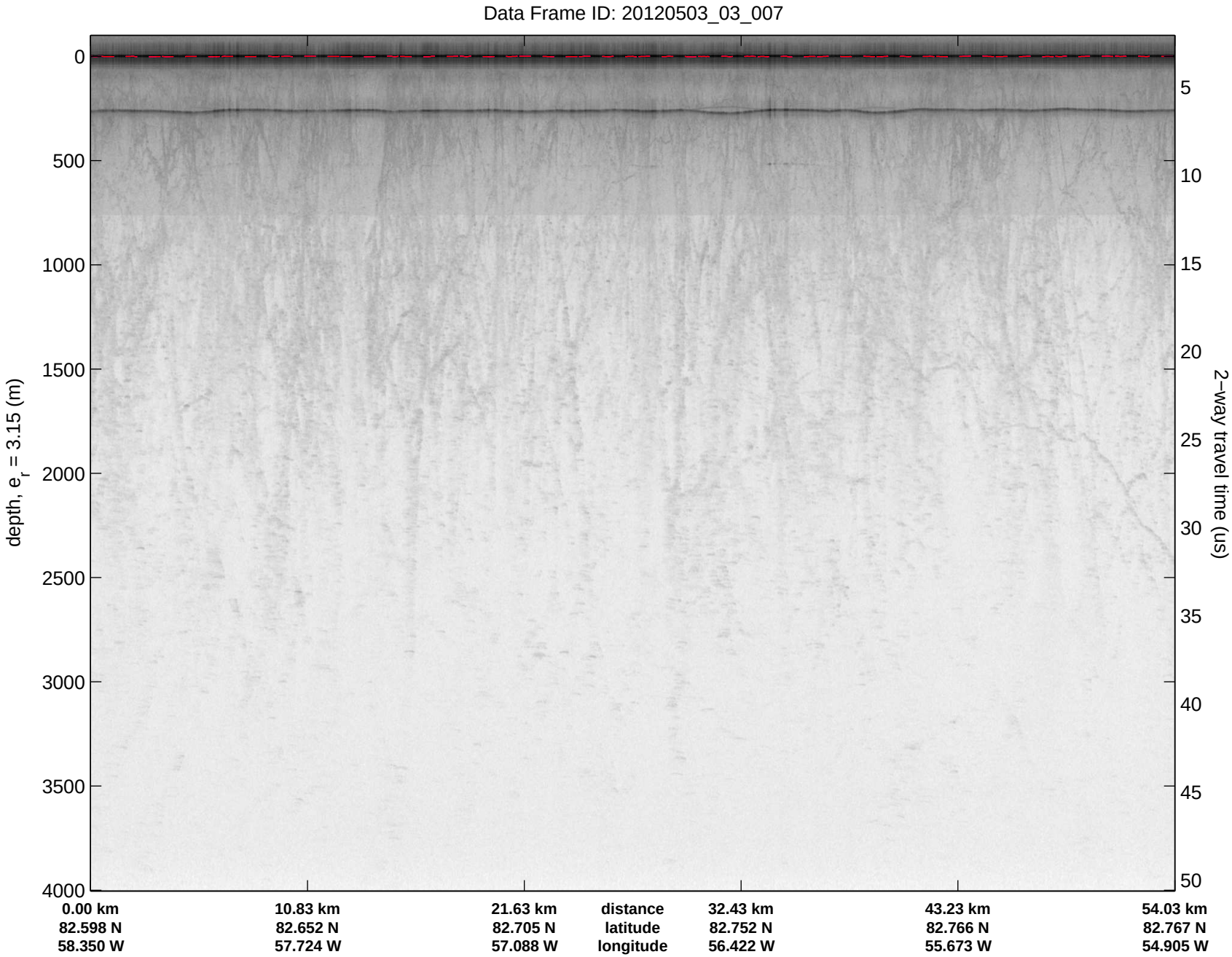

Data Frame ID: 20120503_03_006
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.345 N
60.704 W
9.33 km
82.402 N
60.244 W
18.63 km
82.458 N
59.776 W
distance
latitude
longitude
27.93 km
82.510 N
59.282 W
37.23 km
82.560 N
58.769 W
46.53 km
82.607 N
58.238 W

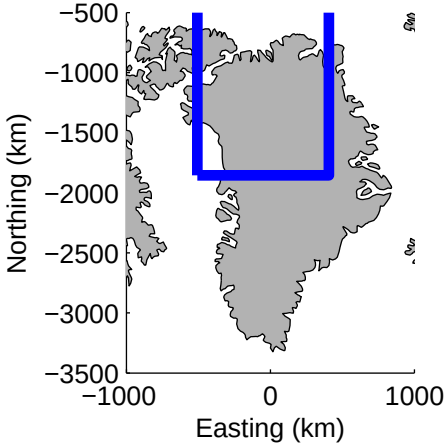

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

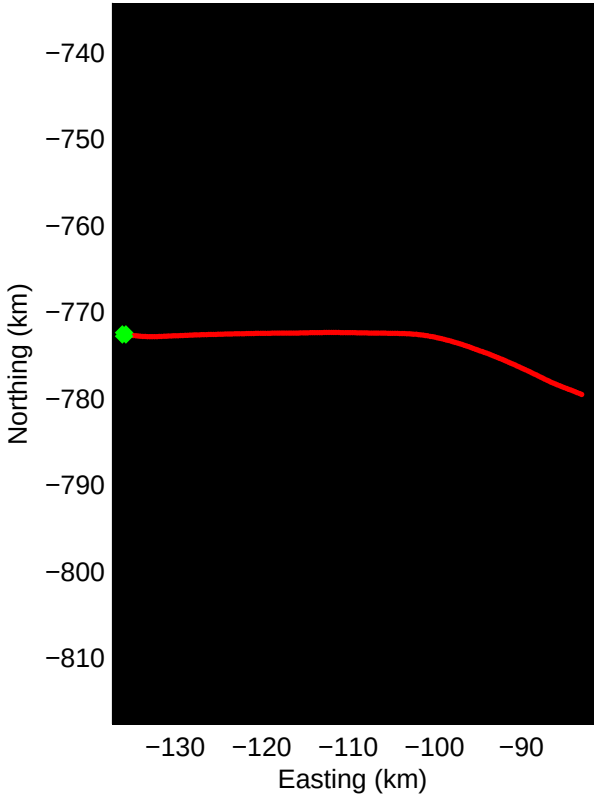

−740
−750
−760
−770
−780
−790
−800
−810
Northing (km)
−180
−170
−160
−150
−140
Easting (km)

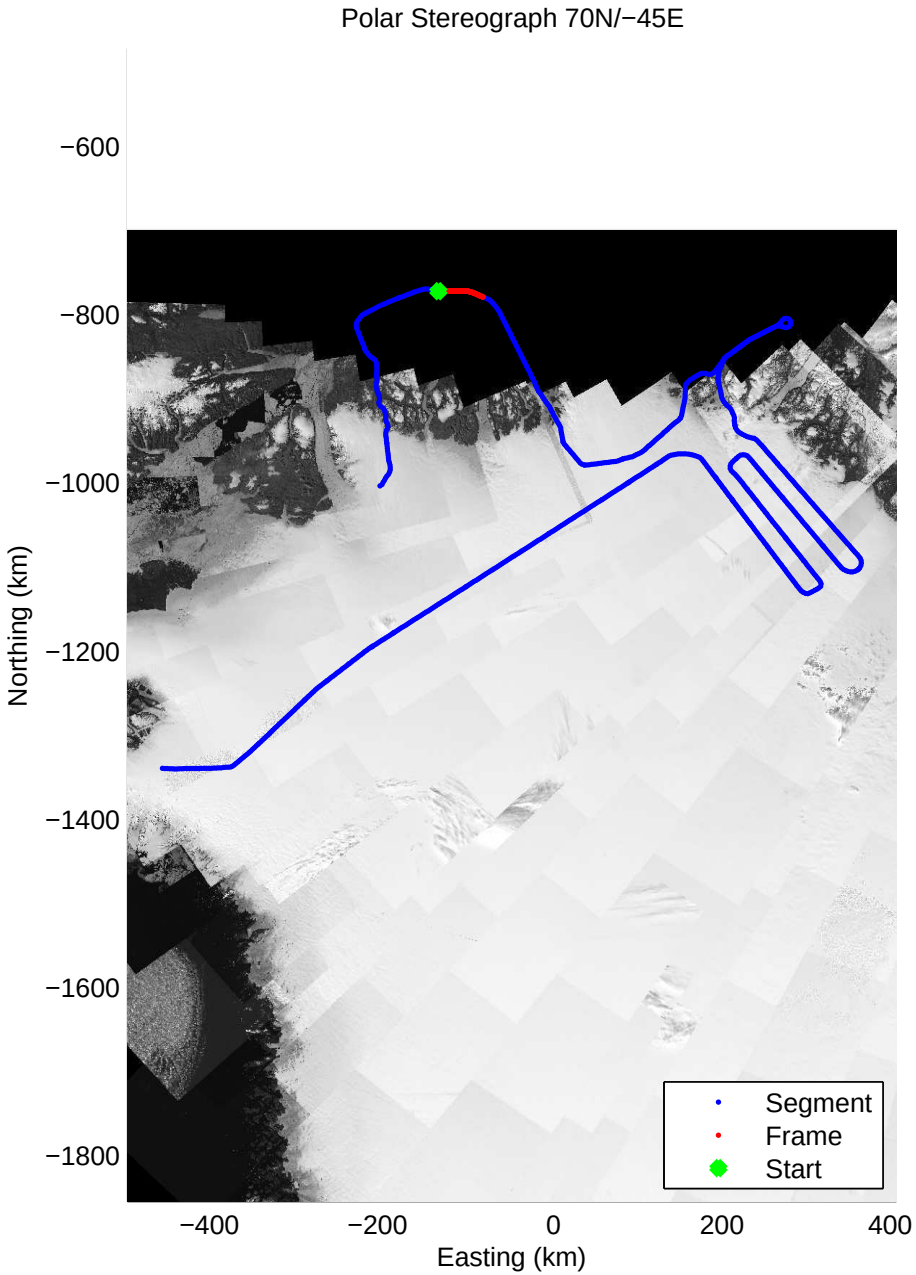

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

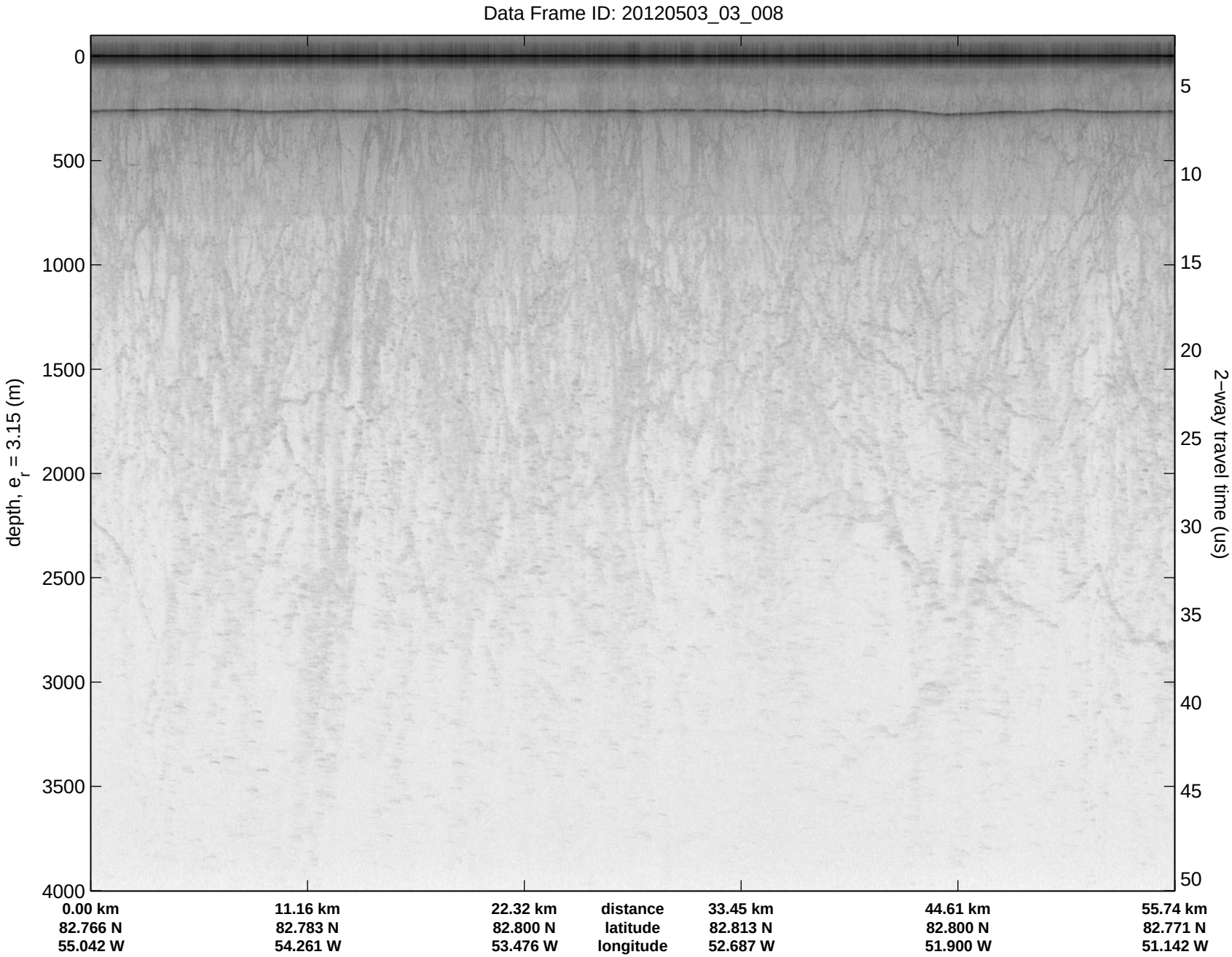

Data Frame ID: 20120503_03_007
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.598 N
58.350 W
10.83 km
82.652 N
57.724 W
21.63 km
82.705 N
57.088 W
distance
latitude
longitude
32.43 km
82.752 N
56.422 W
43.23 km
82.766 N
55.673 W
54.03 km
82.767 N
54.905 W

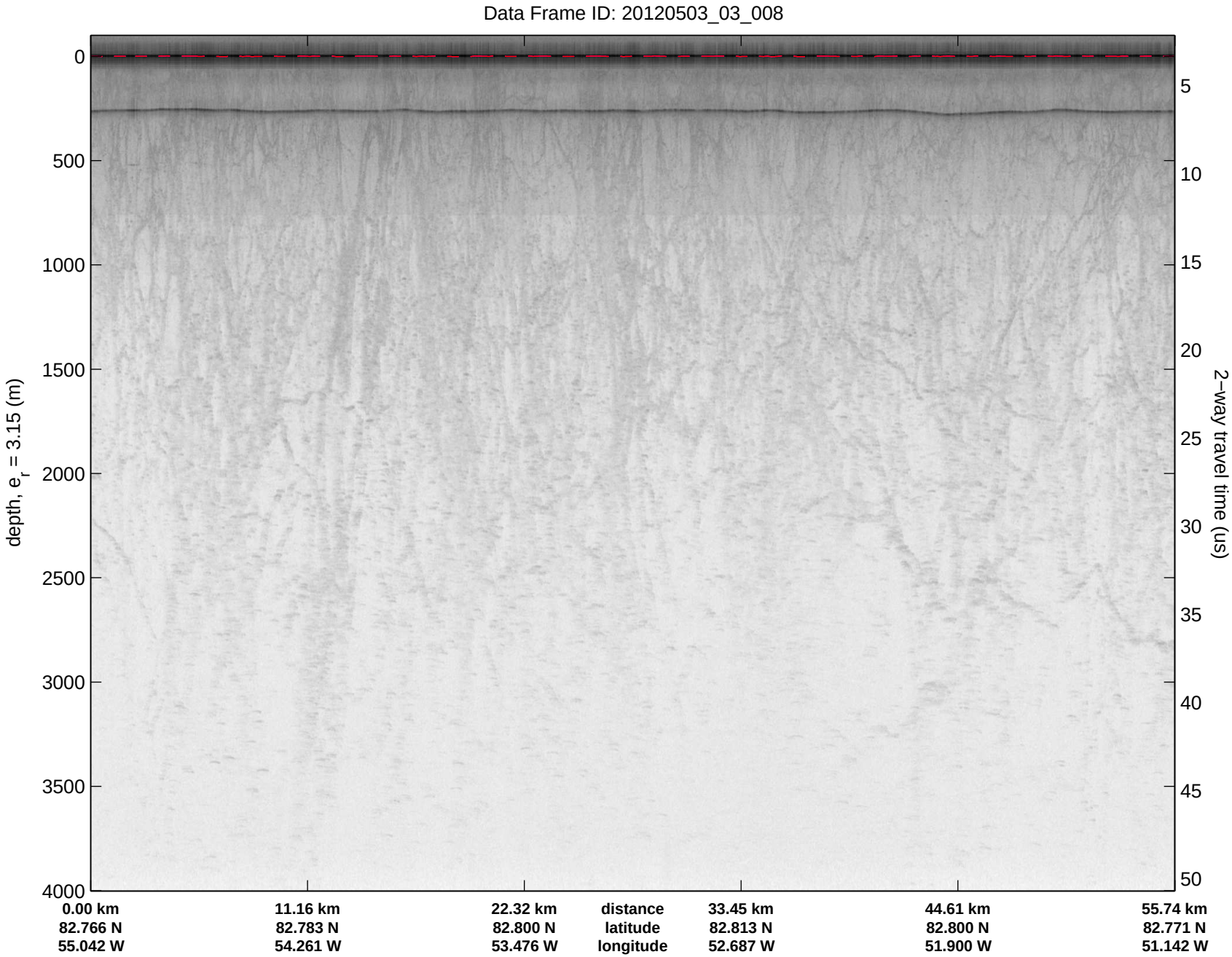

Data Frame ID: 20120503_03_007
depth, e_r = 3.15 (m)
2−way travel time (us)
0
500
1000
1500
2000
2500
3000
3500
4000
5
10
15
20
25
30
35
40
45
50
0.00 km
82.598 N
58.350 W
10.83 km
82.652 N
57.724 W
21.63 km
82.705 N
57.088 W
distance
latitude
longitude
32.43 km
82.752 N
56.422 W
43.23 km
82.766 N
55.673 W
54.03 km
82.767 N
54.905 W

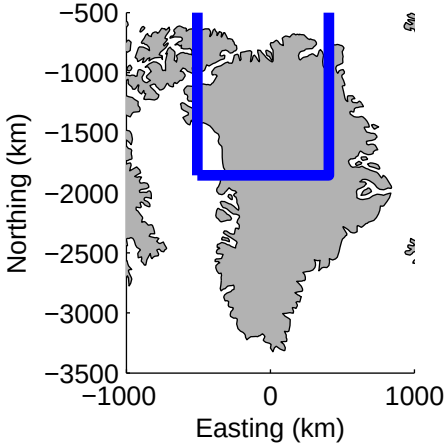

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

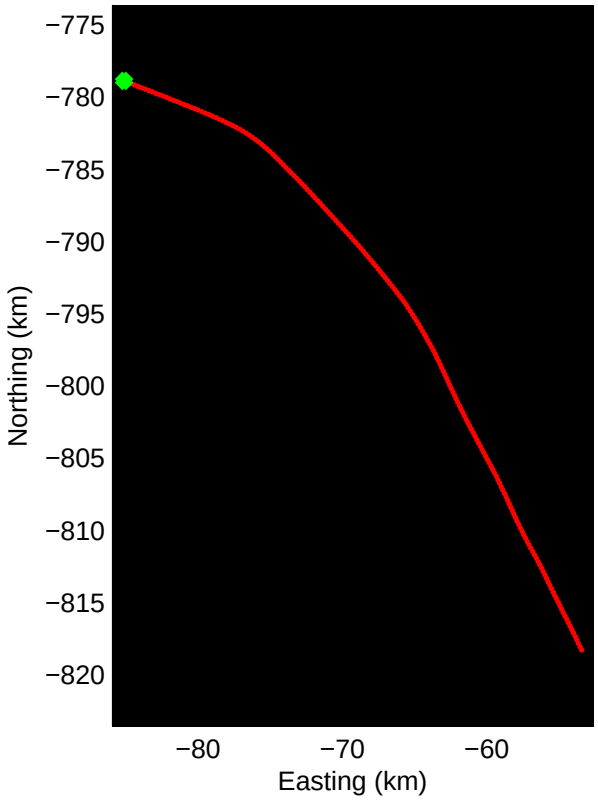

−740
−750
−760
−770
−780
−790
−800
−810
Northing (km)
−130
−120
−110
−100
−90
Easting (km)

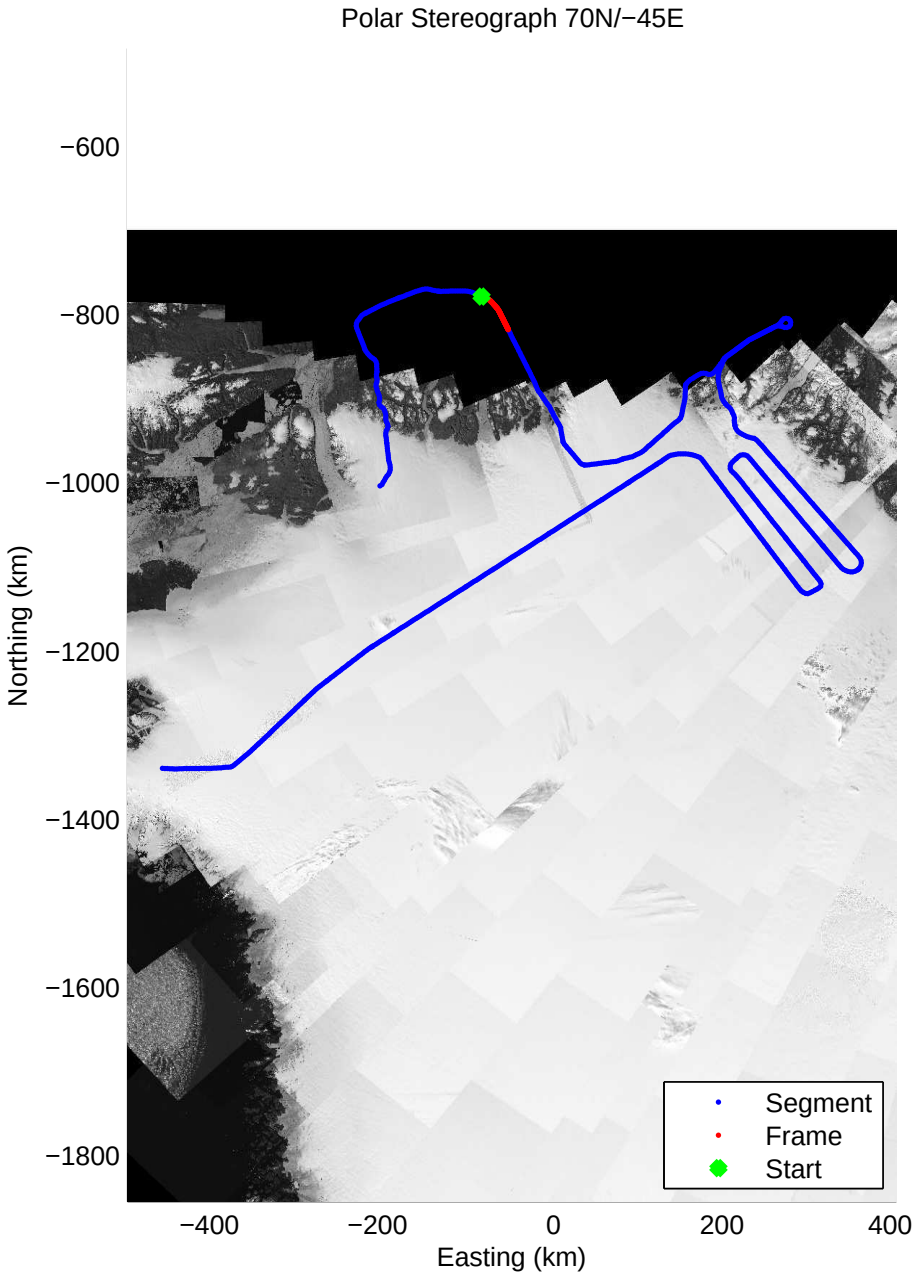

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start


Data Frame ID: 20120503_03_008
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.766 N
55.042 W
11.16 km
82.783 N
54.261 W
22.32 km
82.800 N
53.476 W
distance
latitude
longitude
33.45 km
82.813 N
52.687 W
44.61 km
82.800 N
51.900 W
55.74 km
82.771 N
51.142 W


Data Frame ID: 20120503_03_008
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.766 N
55.042 W
11.16 km
82.783 N
54.261 W
22.32 km
82.800 N
53.476 W
distance
latitude
longitude
33.45 km
82.813 N
52.687 W
44.61 km
82.800 N
51.900 W
55.74 km
82.771 N
51.142 W

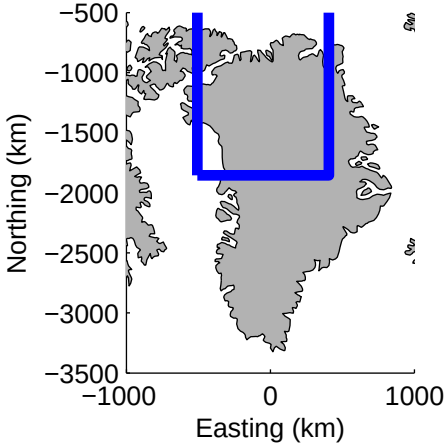

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

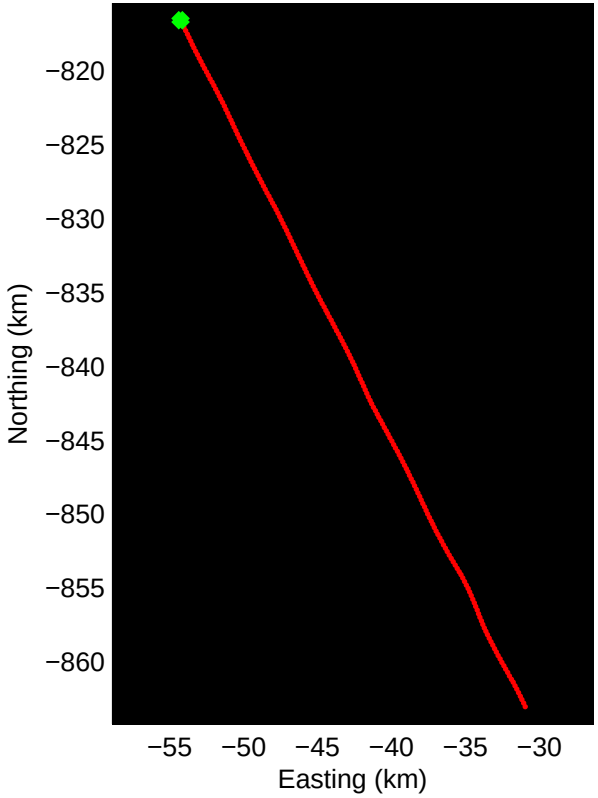

−775
−780
−785
−790
−795
−800
−805
−810
−815
−820
Northing (km)
−80
−70
−60
Easting (km)

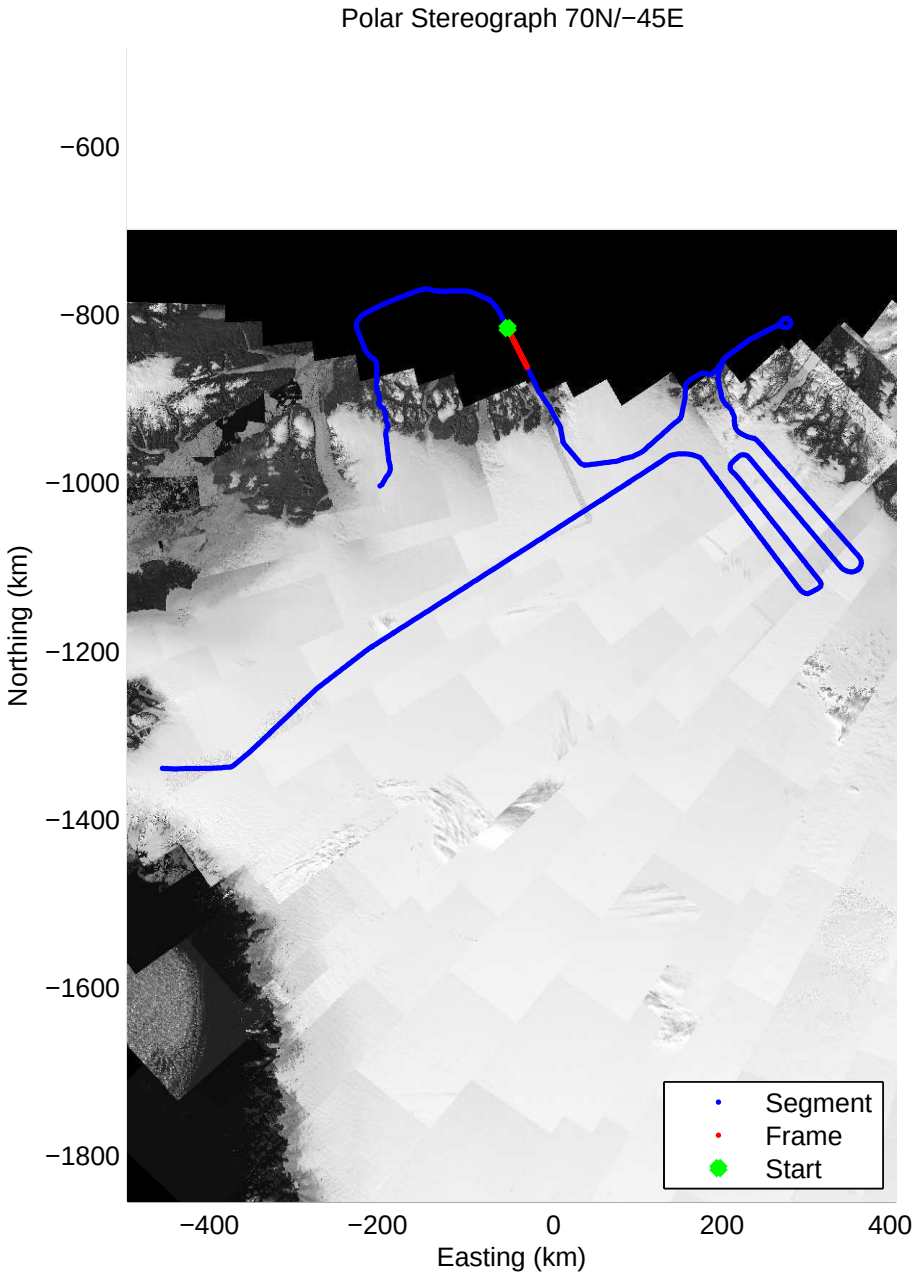

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

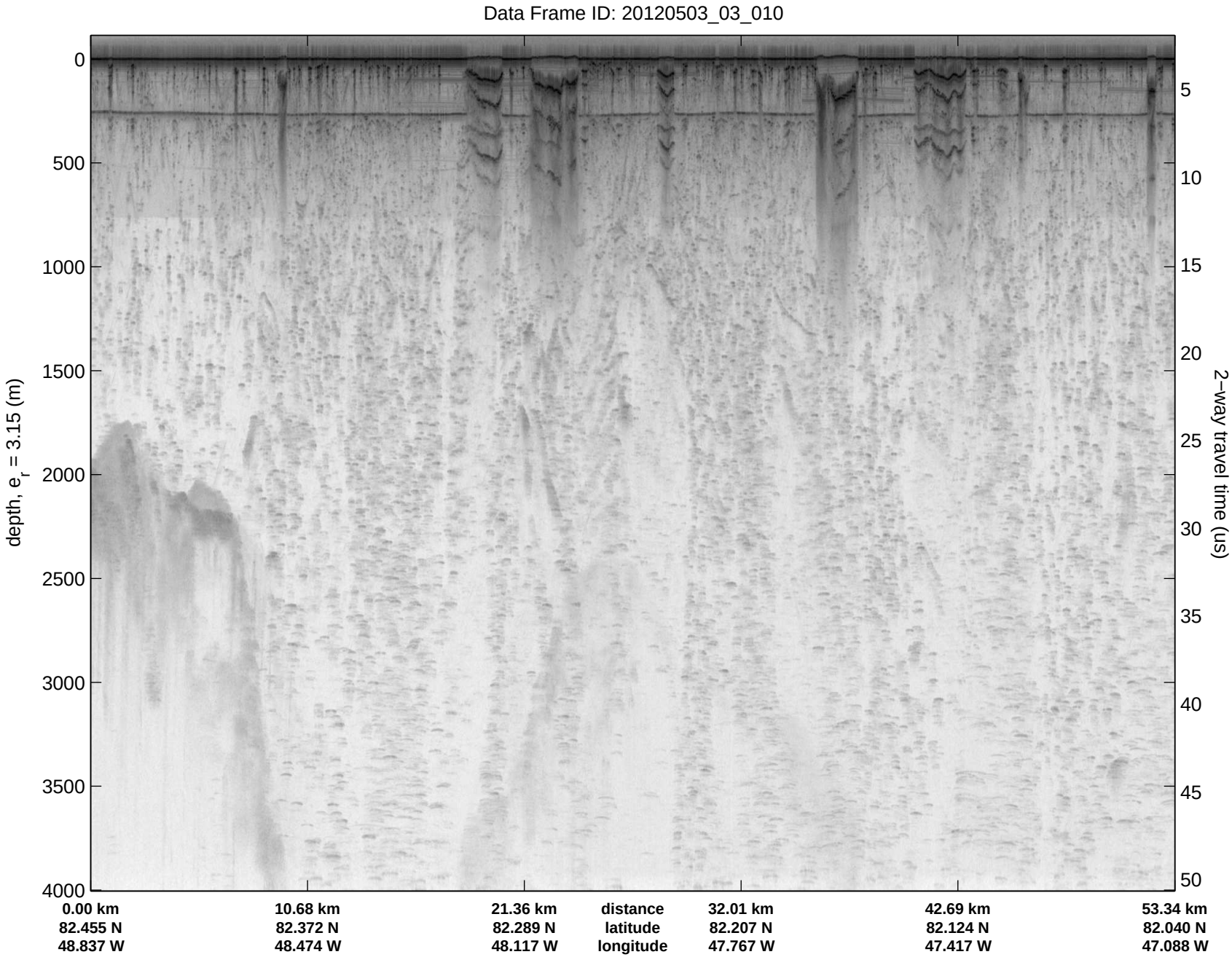
Data Frame ID: 20120503_03_009
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.776 N
51.275 W
10.77 km
82.745 N
50.553 W
21.51 km
82.681 N
49.983 W
distance
latitude
longitude
32.28 km
82.605 N
49.524 W
43.02 km
82.523 N
49.145 W
53.76 km
82.440 N
48.772 W

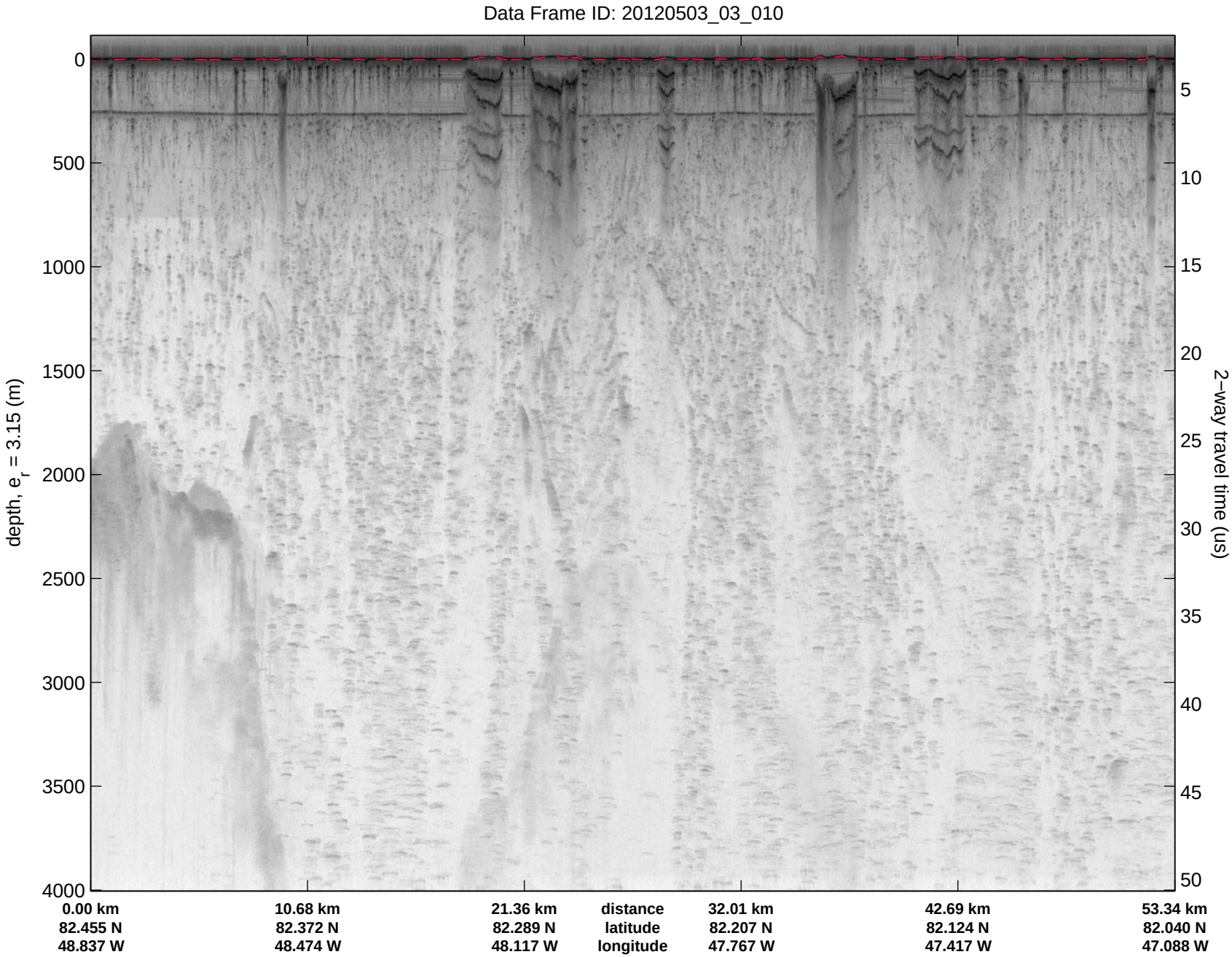
Data Frame ID: 20120503_03_009
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.776 N
51.275 W
10.77 km
82.745 N
50.553 W
21.51 km
82.681 N
49.983 W
distance
latitude
longitude
32.28 km
82.605 N
49.524 W
43.02 km
82.523 N
49.145 W
53.76 km
82.440 N
48.772 W

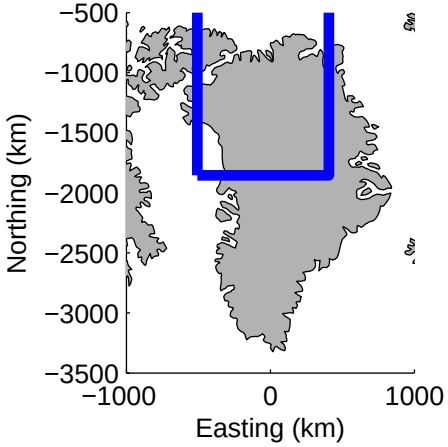

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

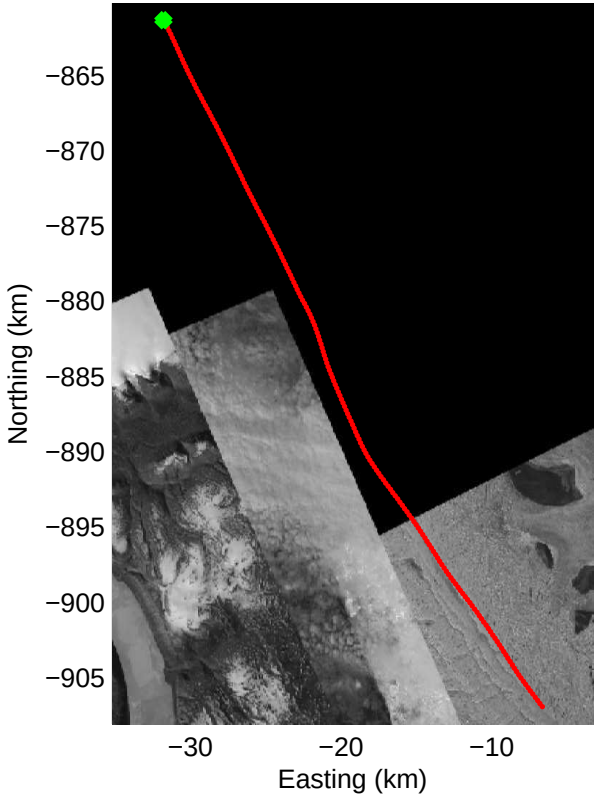

−820
−825
−830
−835
−840
−845
−850
−855
−860
Northing (km)
−55
−50
−45
−40
−35
−30
Easting (km)

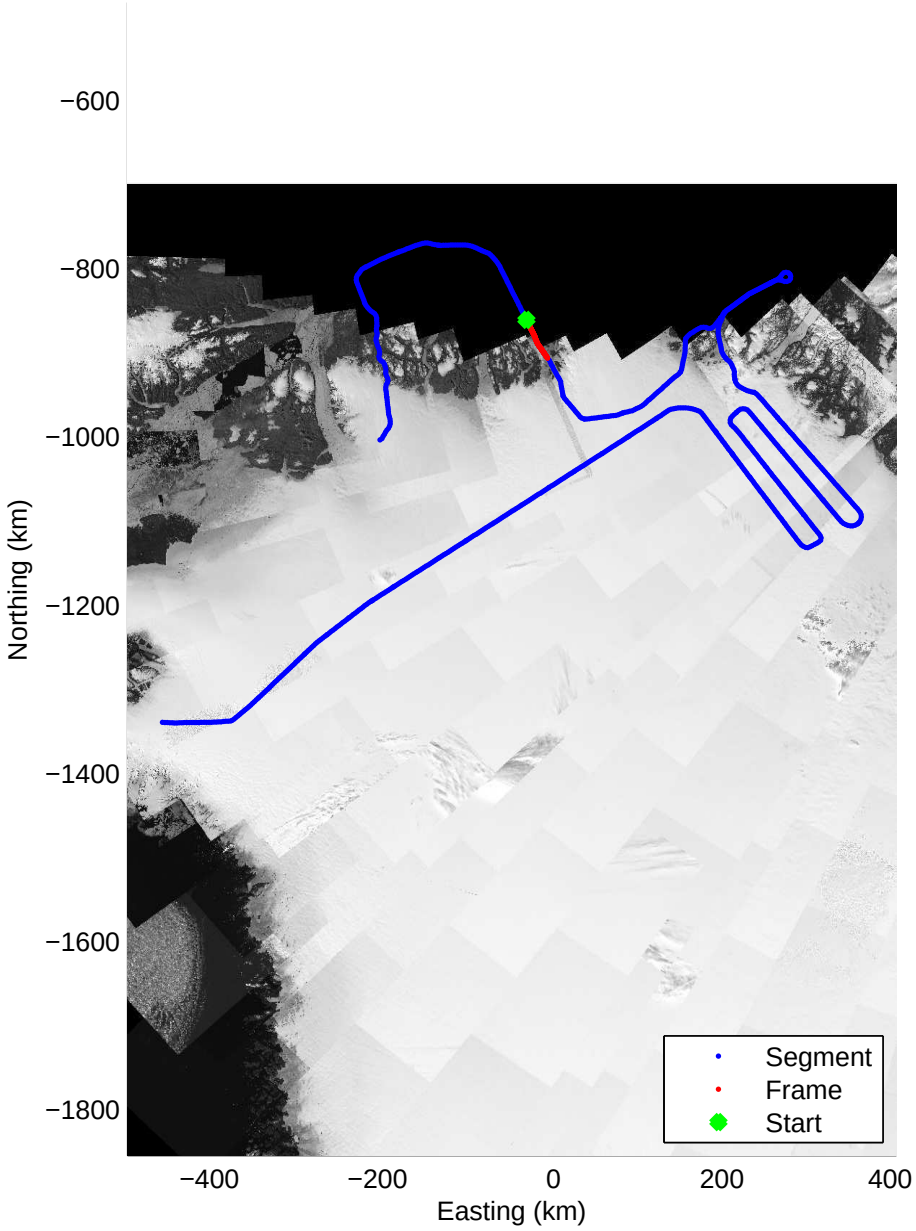

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

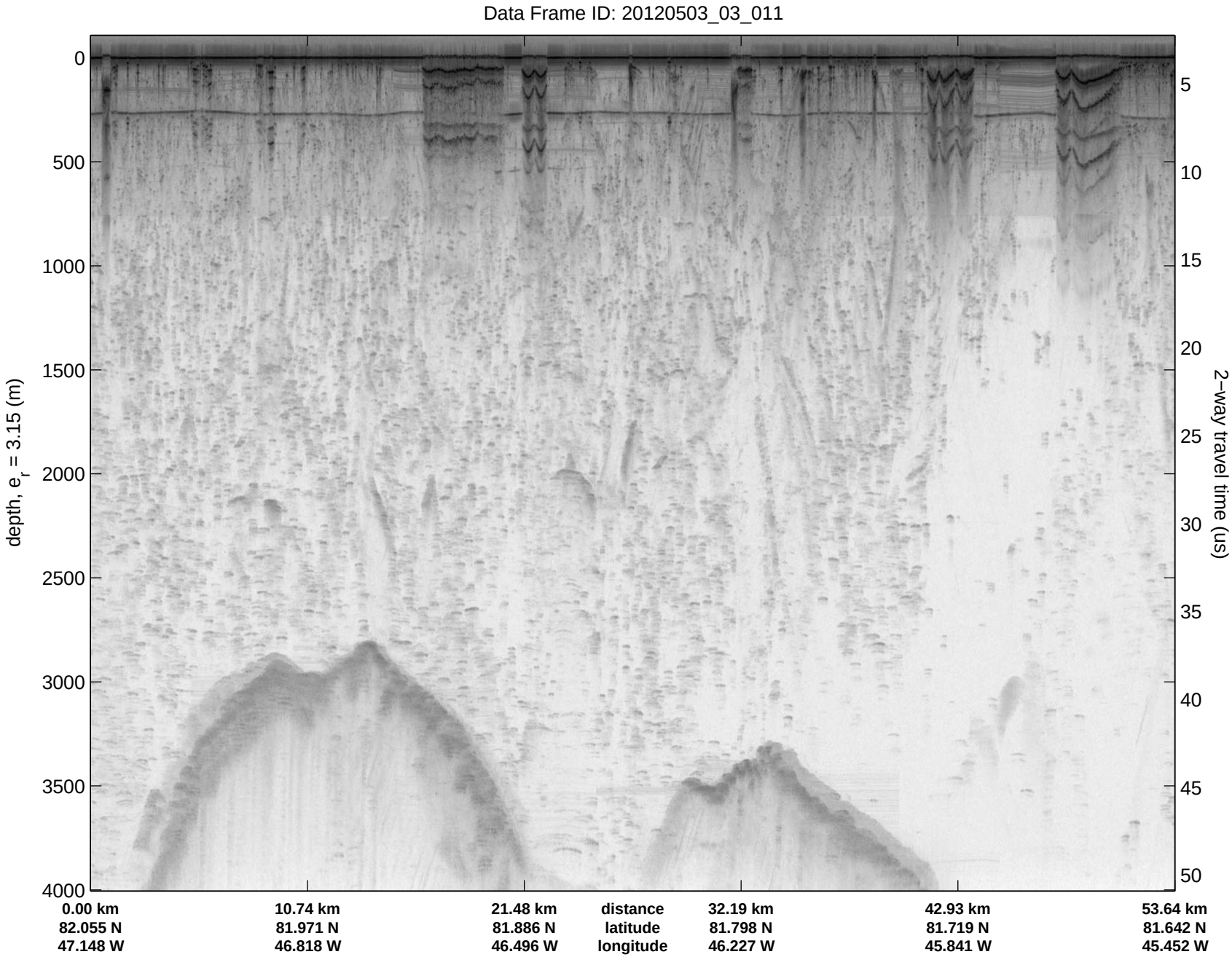

Data Frame ID: 20120503_03_010
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.455 N
48.837 W
10.68 km
82.372 N
48.474 W
21.36 km
82.289 N
48.117 W
distance
latitude
longitude
32.01 km
82.207 N
47.767 W
42.69 km
82.124 N
47.417 W
53.34 km
82.040 N
47.088 W

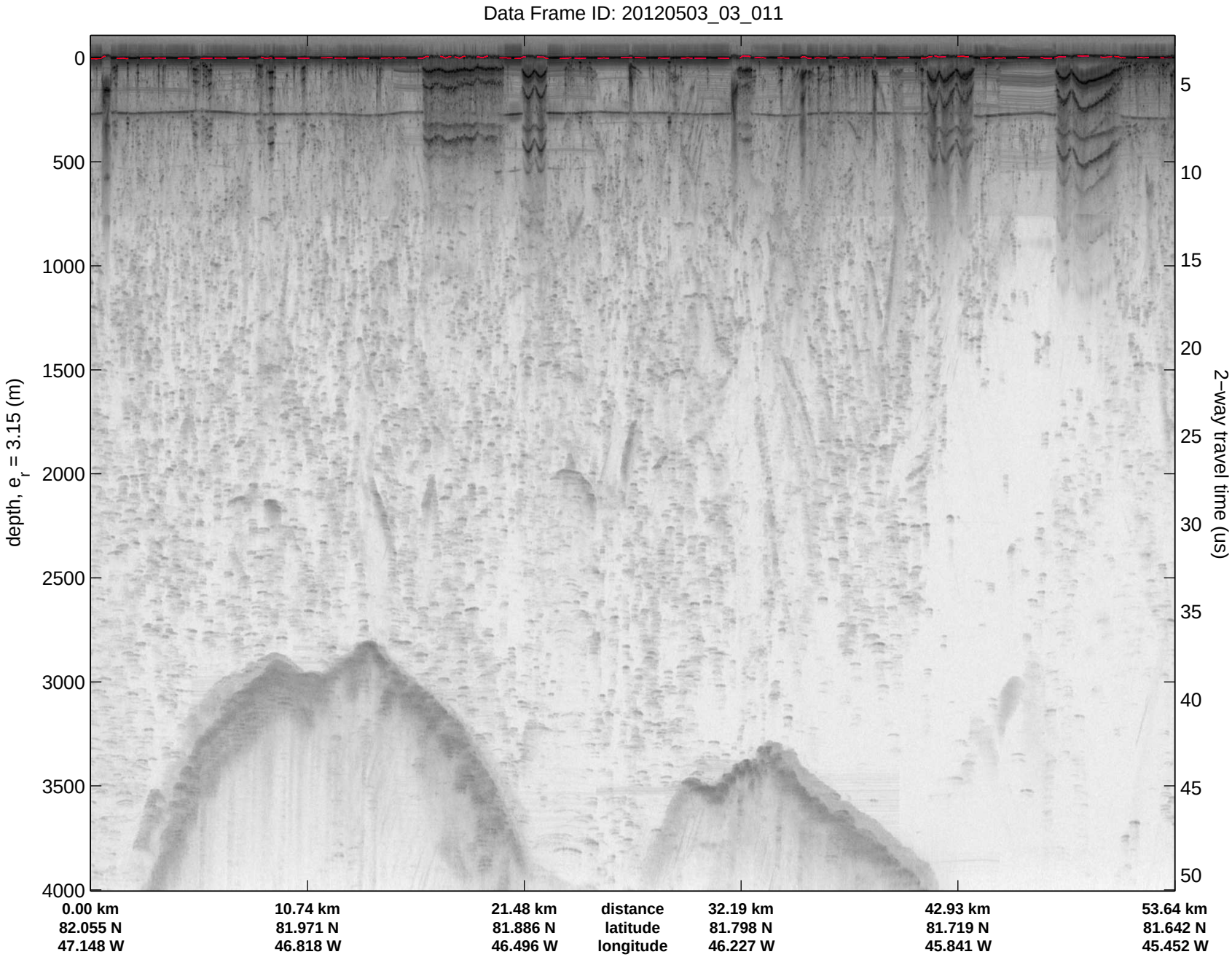

Data Frame ID: 20120503_03_010
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.455 N
48.837 W
10.68 km
82.372 N
48.474 W
21.36 km
82.289 N
48.117 W
distance
latitude
longitude
32.01 km
82.207 N
47.767 W
42.69 km
82.124 N
47.417 W
53.34 km
82.040 N
47.088 W

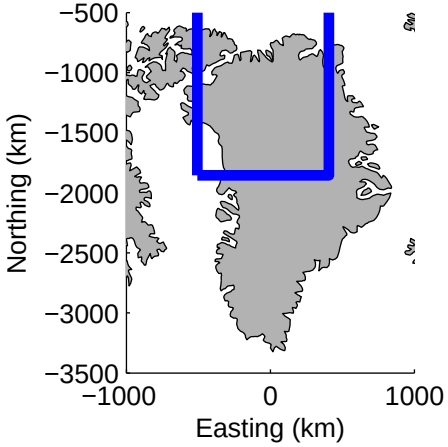

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

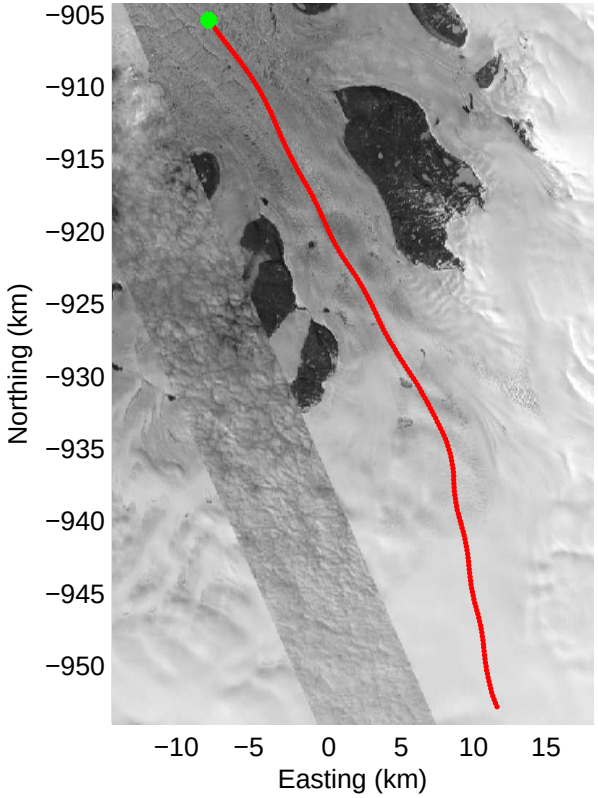

−865
−870
−875
−880
−885
−890
−895
−900
−905
Northing (km)
−30
−20
−10
Easting (km)

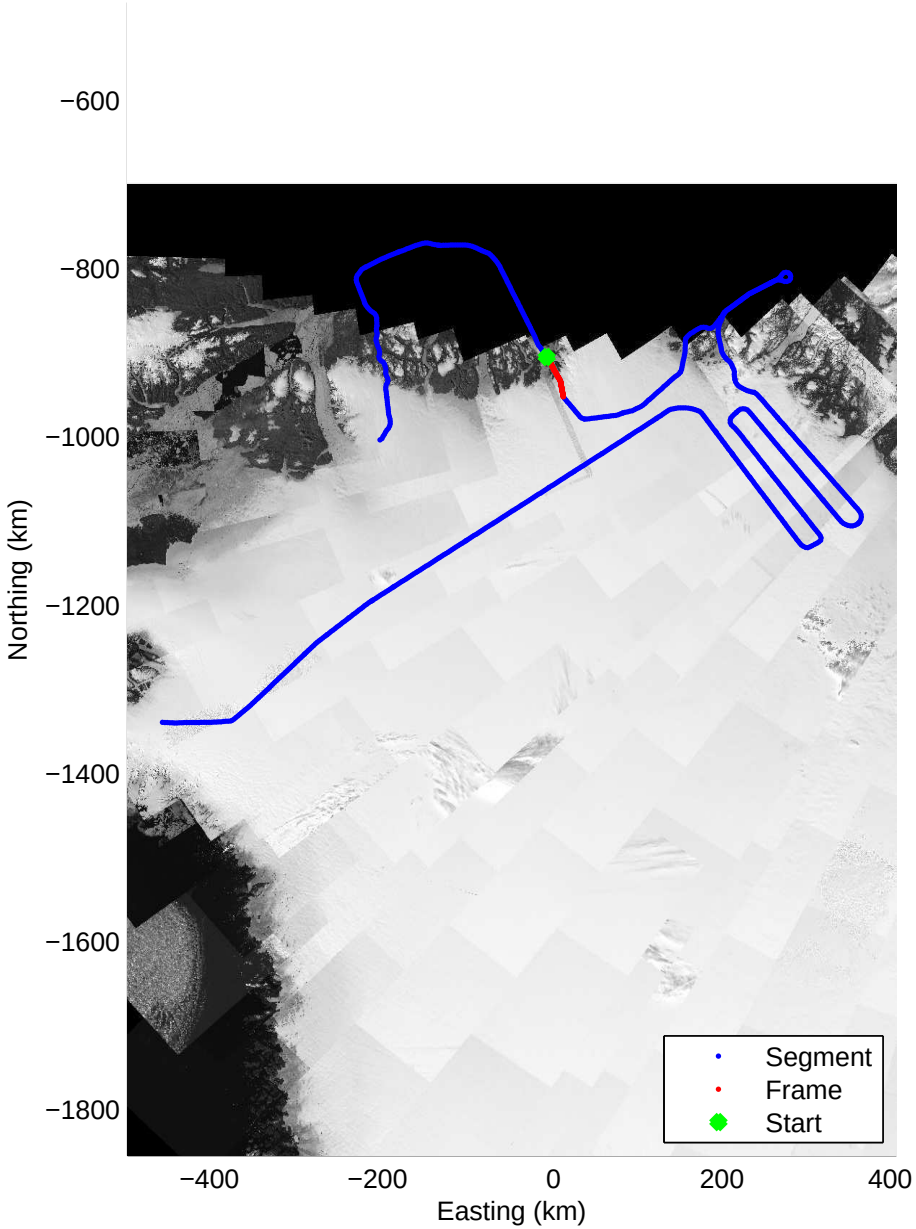

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

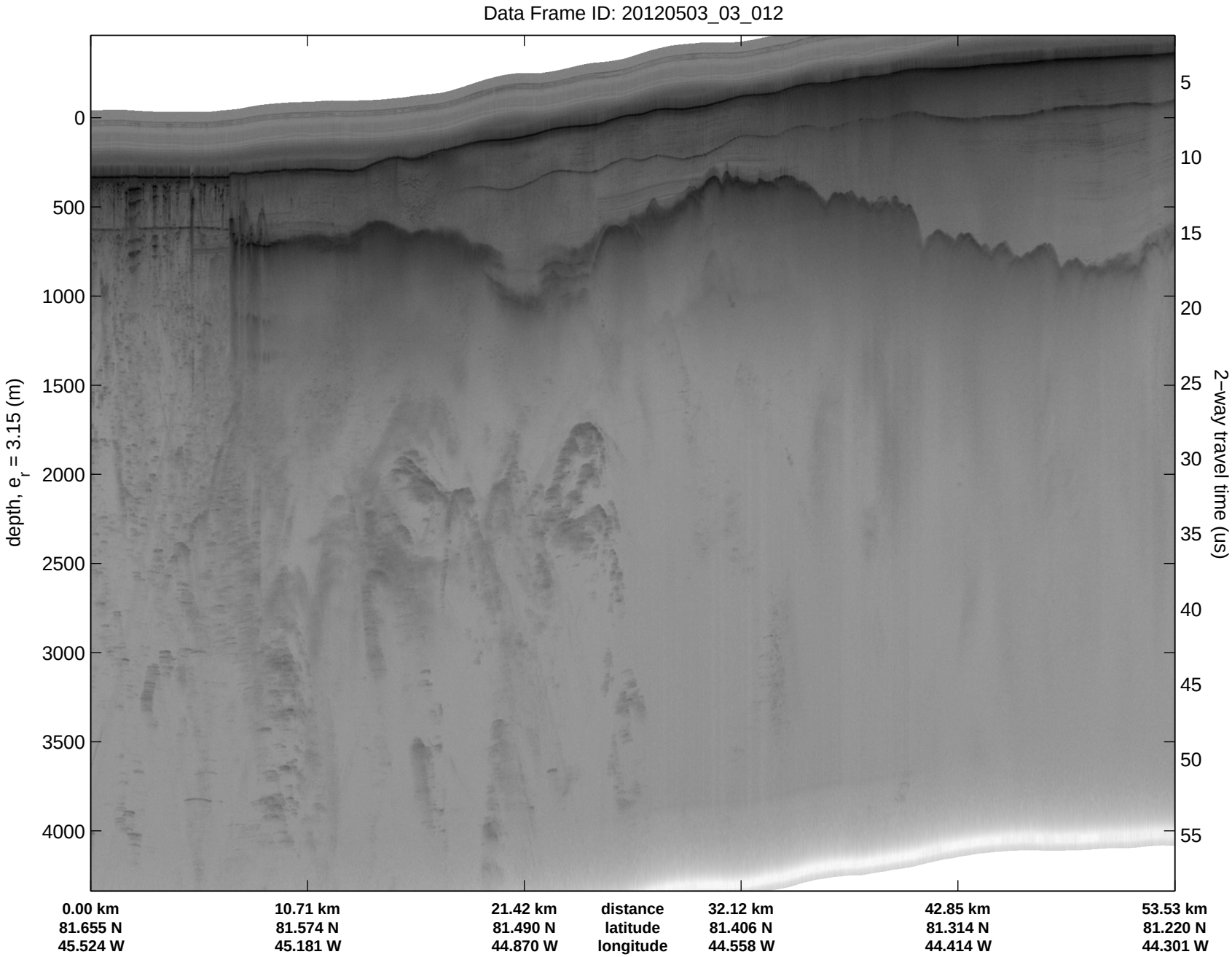

Data Frame ID: 20120503_03_011
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.055 N
47.148 W
10.74 km
81.971 N
46.818 W
21.48 km
81.886 N
46.496 W
distance
latitude
longitude
32.19 km
81.798 N
46.227 W
42.93 km
81.719 N
45.841 W
53.64 km
81.642 N
45.452 W

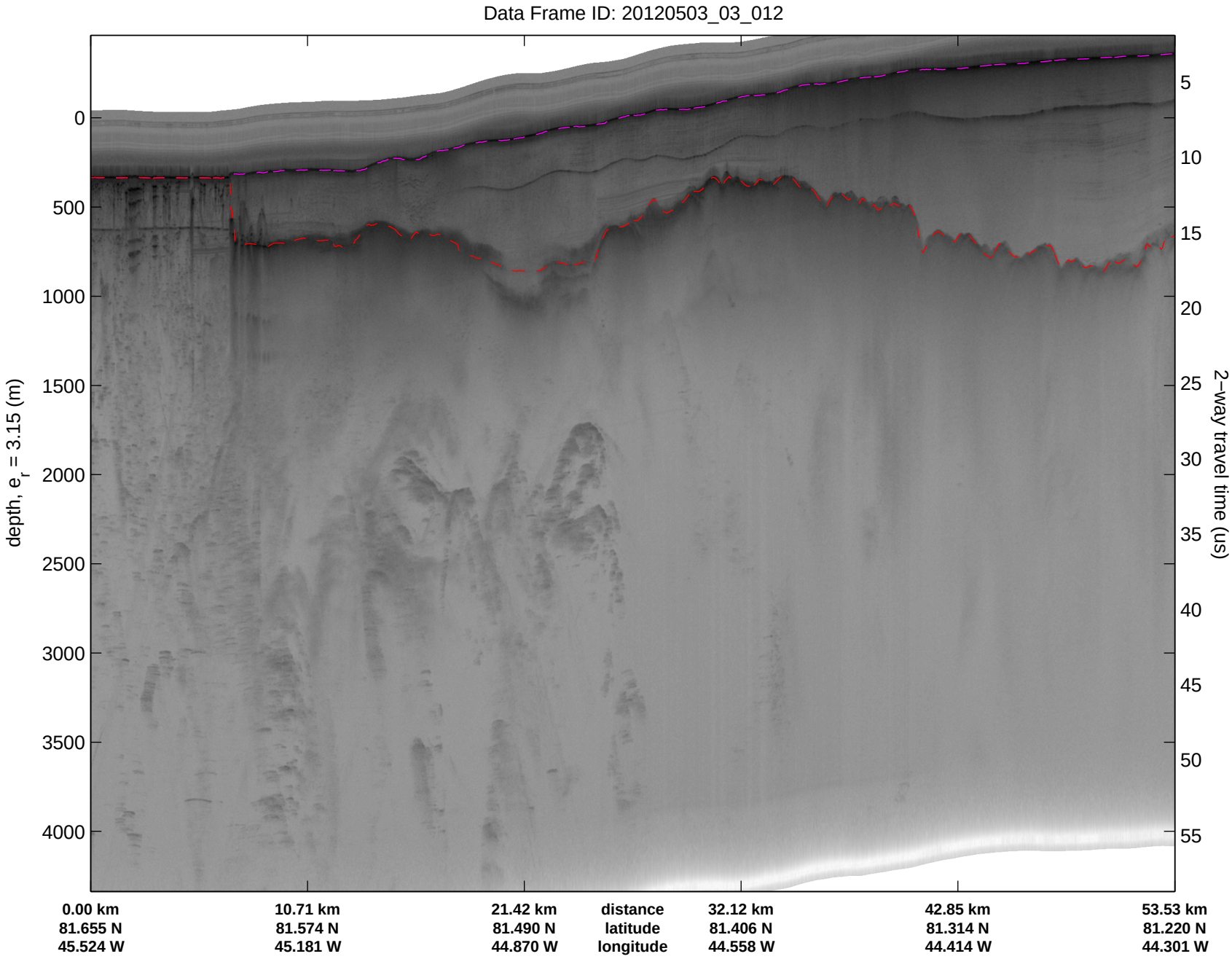

Data Frame ID: 20120503_03_011
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.055 N
47.148 W
10.74 km
81.971 N
46.818 W
21.48 km
81.886 N
46.496 W
distance
latitude
longitude
32.19 km
81.798 N
46.227 W
42.93 km
81.719 N
45.841 W
53.64 km
81.642 N
45.452 W

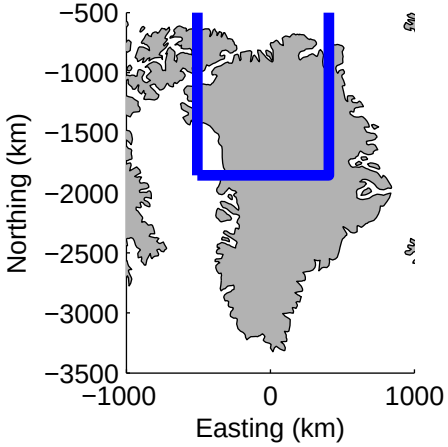

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

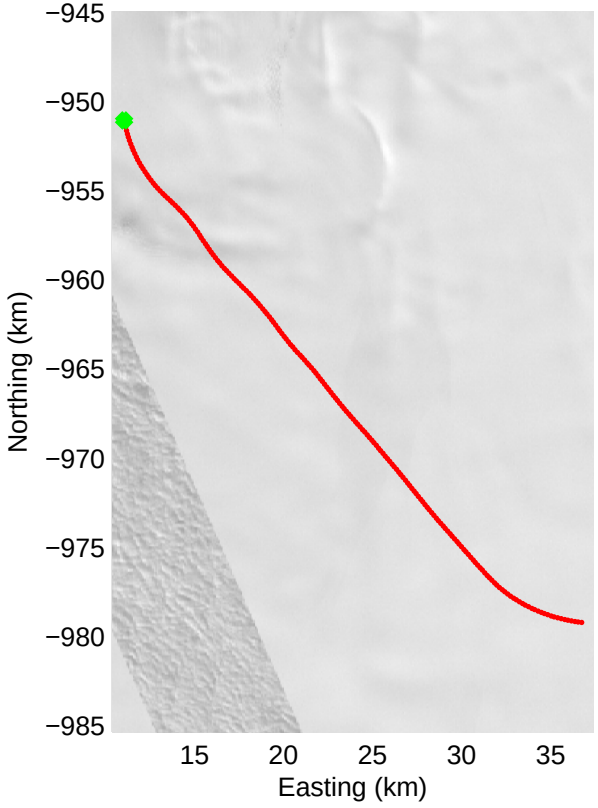

−905
−910
−915
−920
−925
−930
−935
−940
−945
−950
Northing (km)
−10
−5
0
5
10
15
Easting (km)

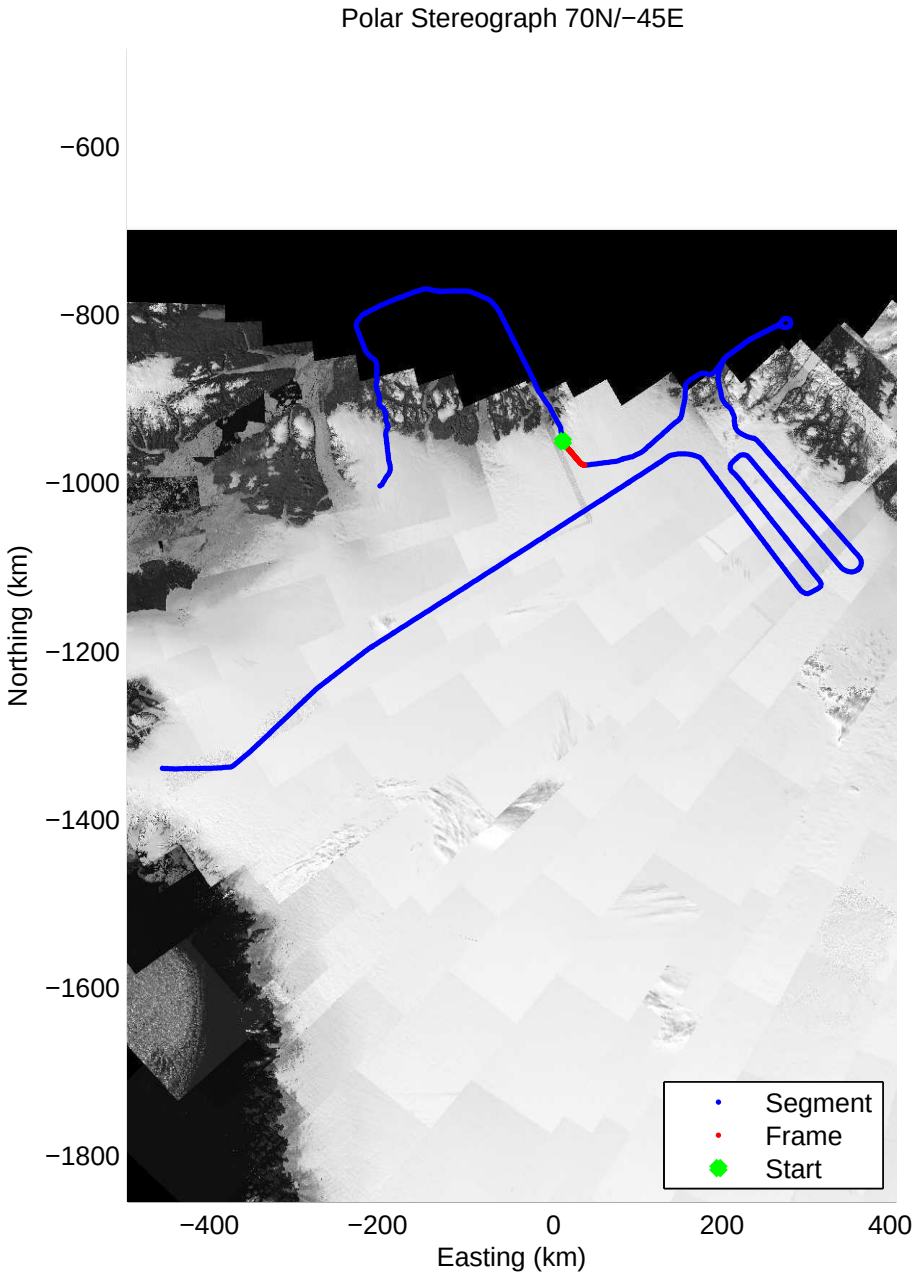

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

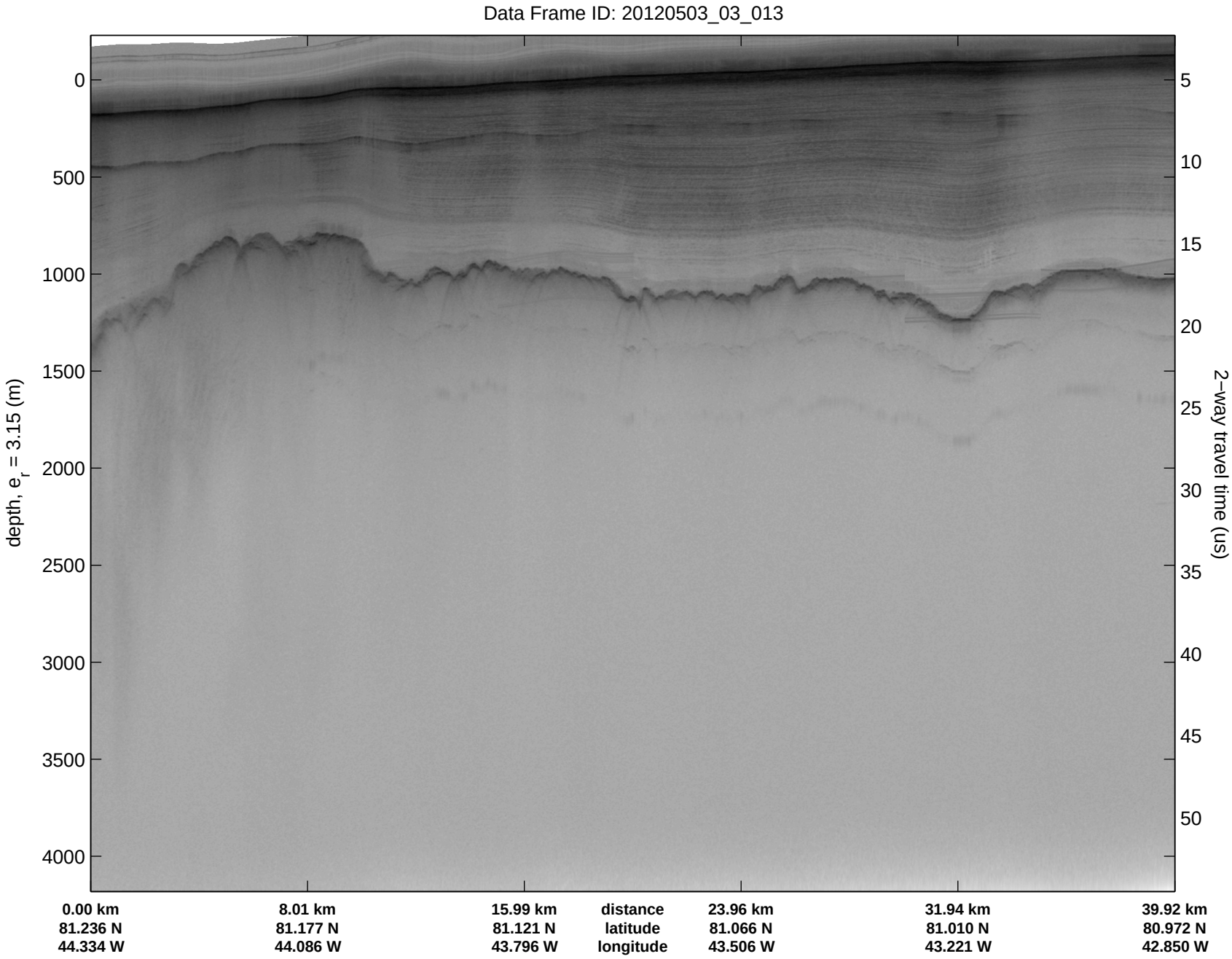

Data Frame ID: 20120503_03_012
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
55
0.00 km
81.655 N
45.524 W
10.71 km
81.574 N
45.181 W
21.42 km
81.490 N
44.870 W
distance
latitude
longitude
32.12 km
81.406 N
44.558 W
42.85 km
81.314 N
44.414 W
53.53 km
81.220 N
44.301 W

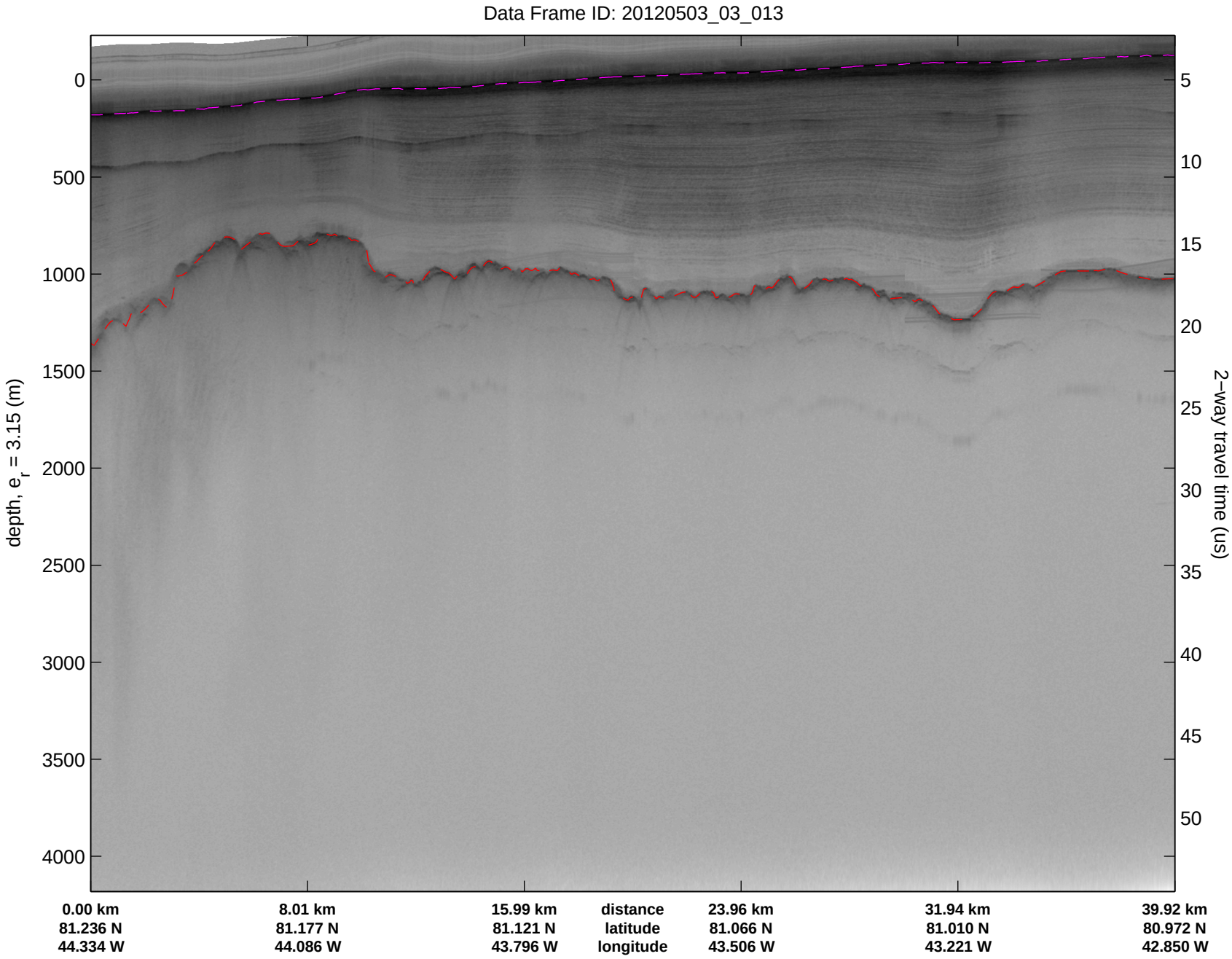

Data Frame ID: 20120503_03_012
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
55
0.00 km
81.655 N
45.524 W
10.71 km
81.574 N
45.181 W
21.42 km
81.490 N
44.870 W
distance
latitude
longitude
32.12 km
81.406 N
44.558 W
42.85 km
81.314 N
44.414 W
53.53 km
81.220 N
44.301 W

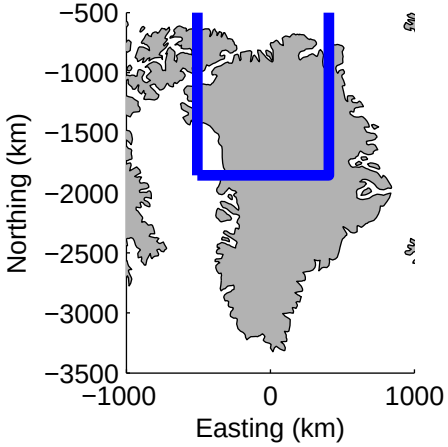

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

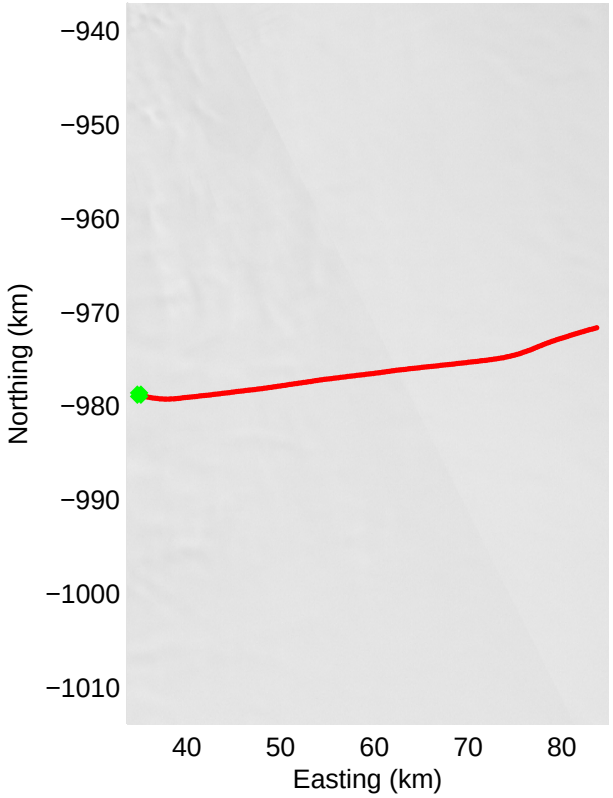

−945
−950
−955
−960
−965
−970
−975
−980
−985
Northing (km)
15
20
25
30
35
Easting (km)

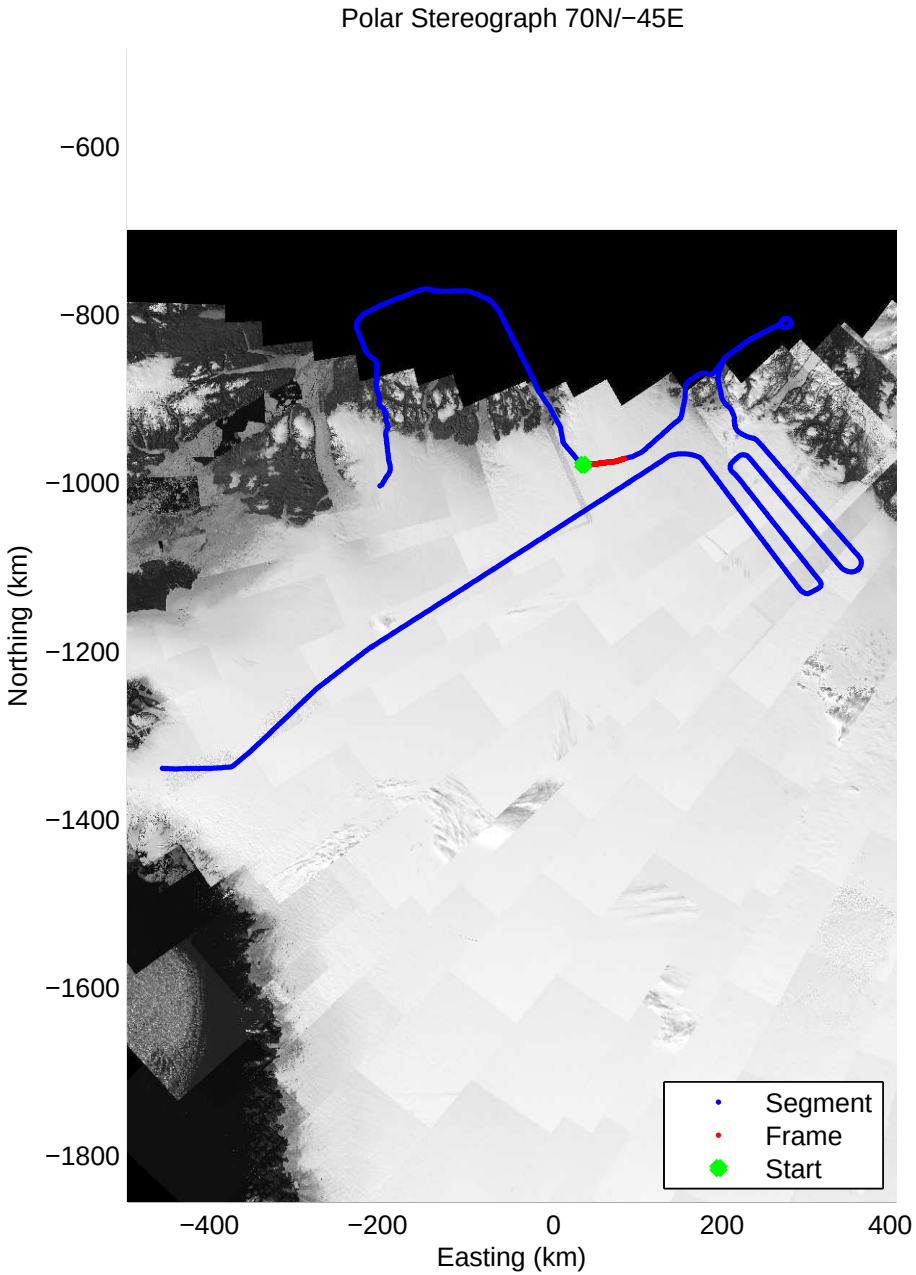

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

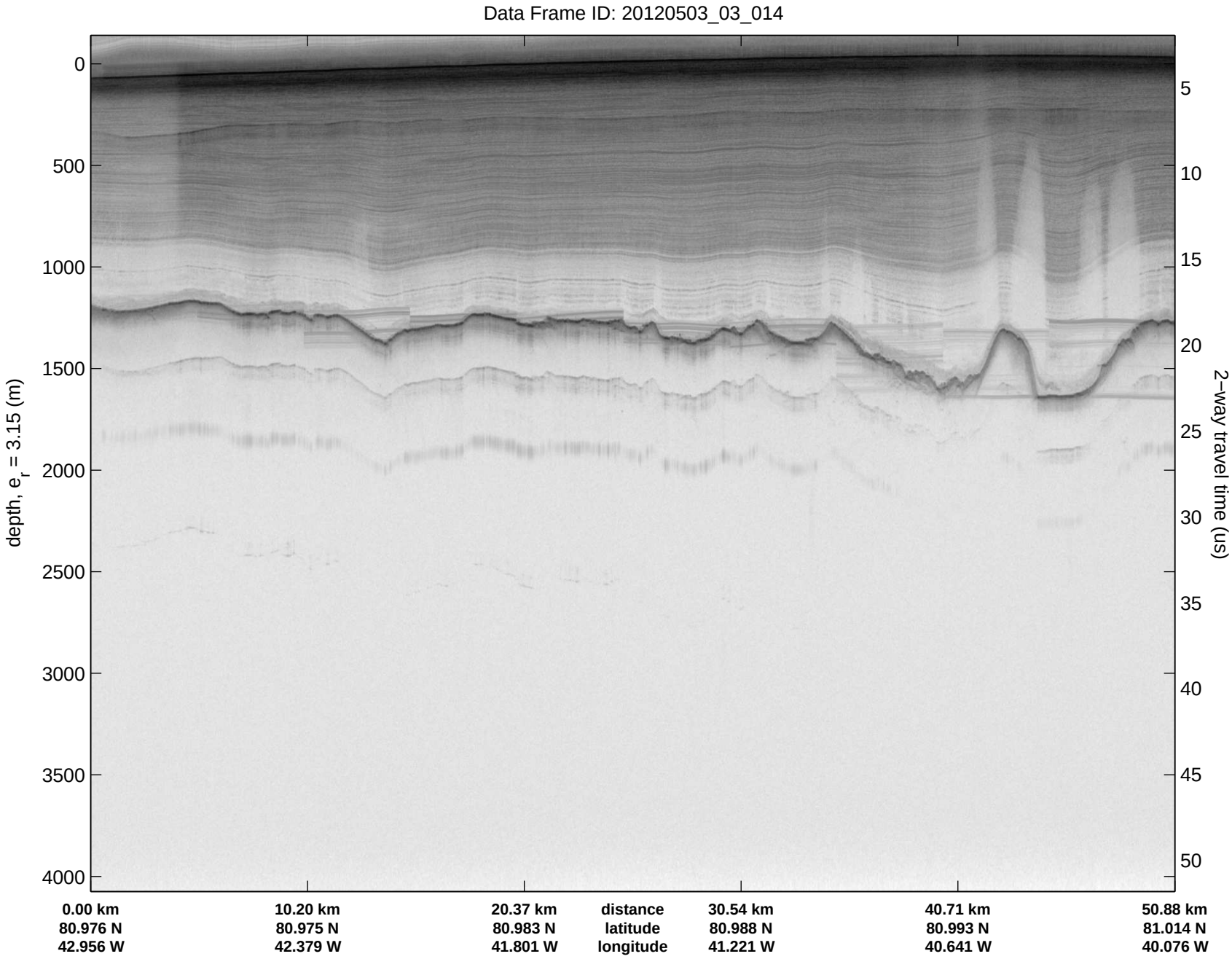

Data Frame ID: 20120503_03_013
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.236 N
44.334 W
8.01 km
81.177 N
44.086 W
15.99 km
81.121 N
43.796 W
distance
latitude
longitude
23.96 km
81.066 N
43.506 W
31.94 km
81.010 N
43.221 W
39.92 km
80.972 N
42.850 W

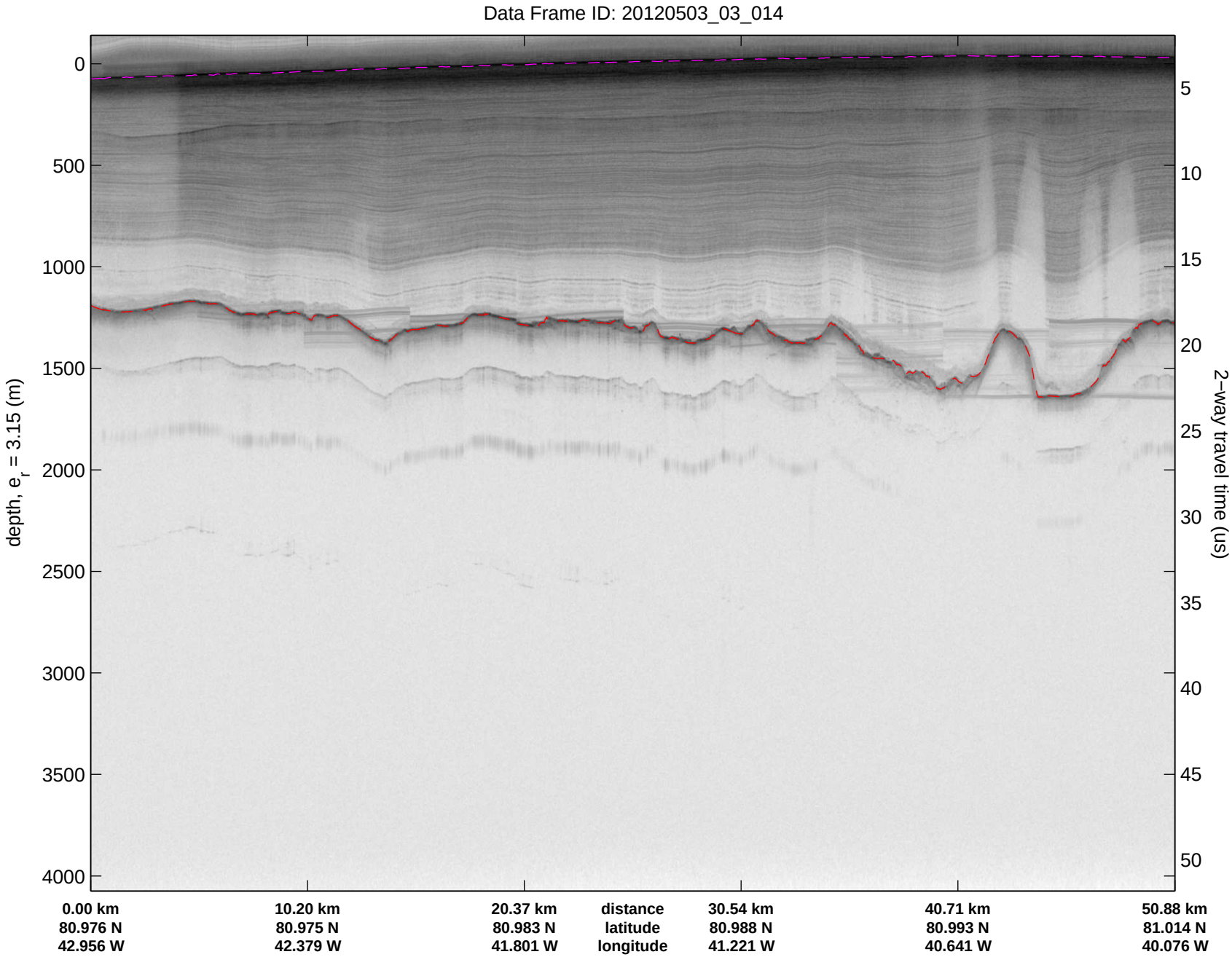

Data Frame ID: 20120503_03_013
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.236 N
44.334 W
8.01 km
81.177 N
44.086 W
15.99 km
81.121 N
43.796 W
distance
latitude
longitude
23.96 km
81.066 N
43.506 W
31.94 km
81.010 N
43.221 W
39.92 km
80.972 N
42.850 W

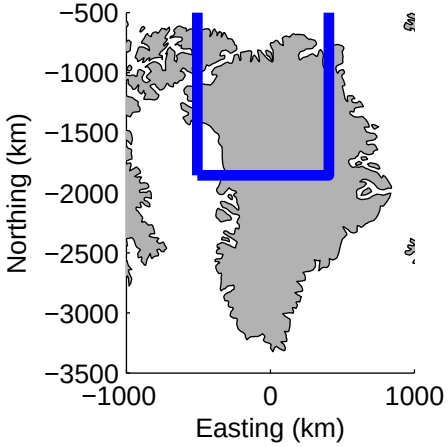

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

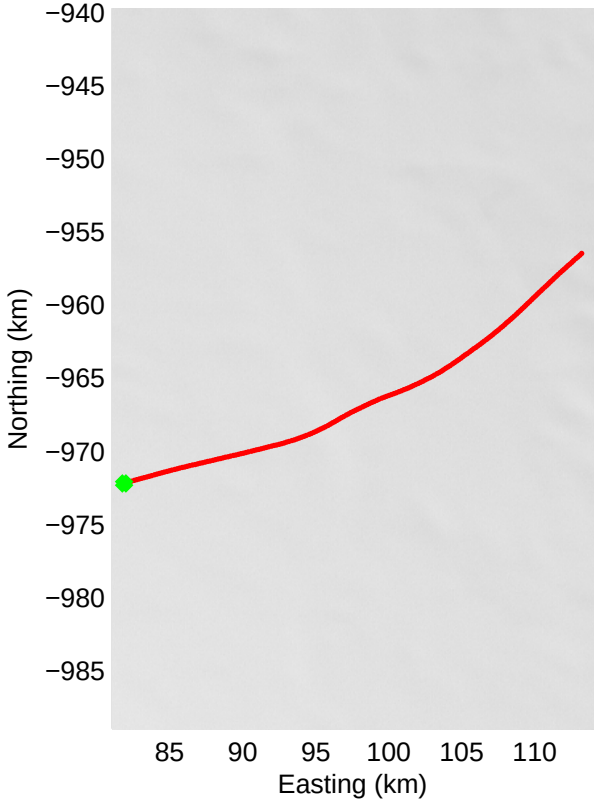

−940
−950
−960
−970
−980
−990
−1000
−1010
Northing (km)
40
50
60
70
80
Easting (km)

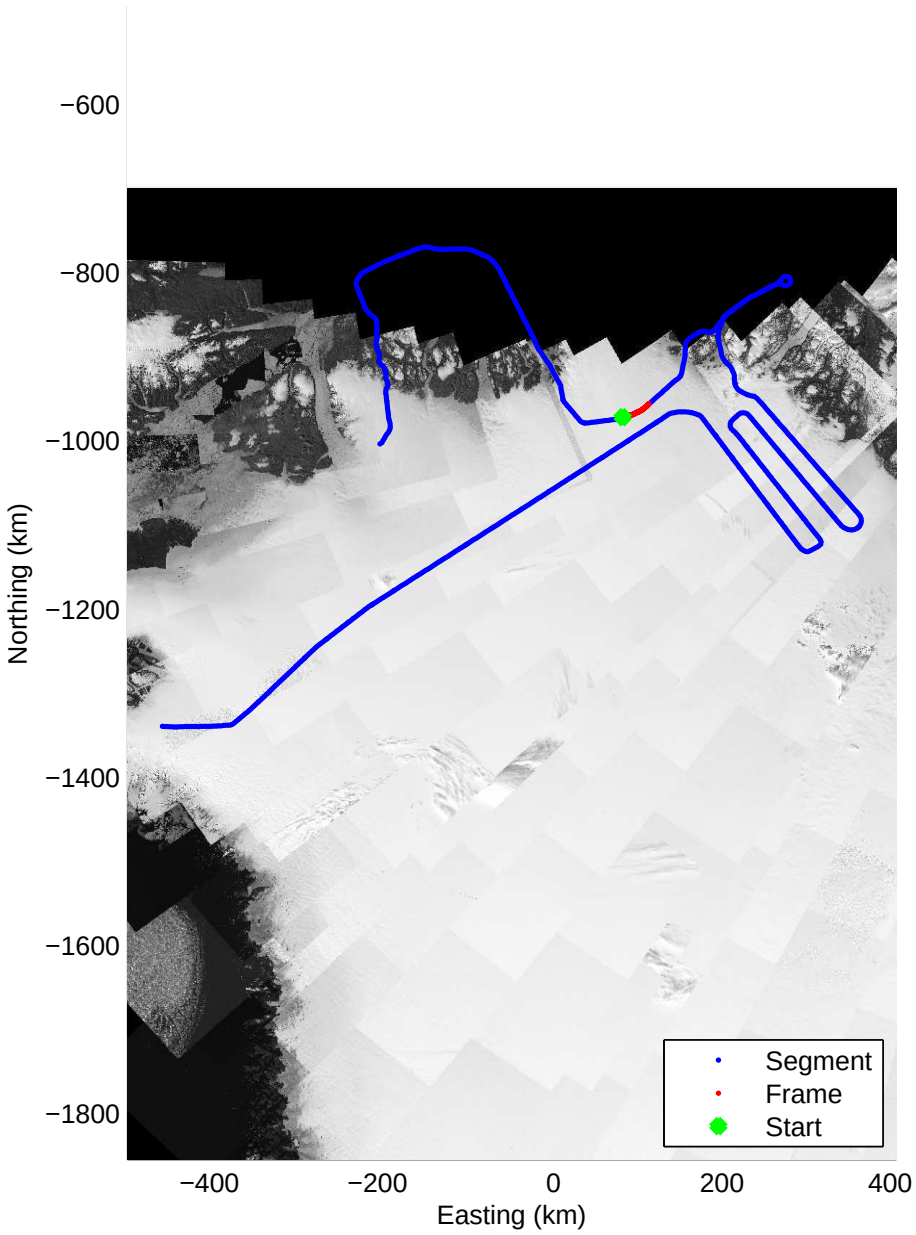

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

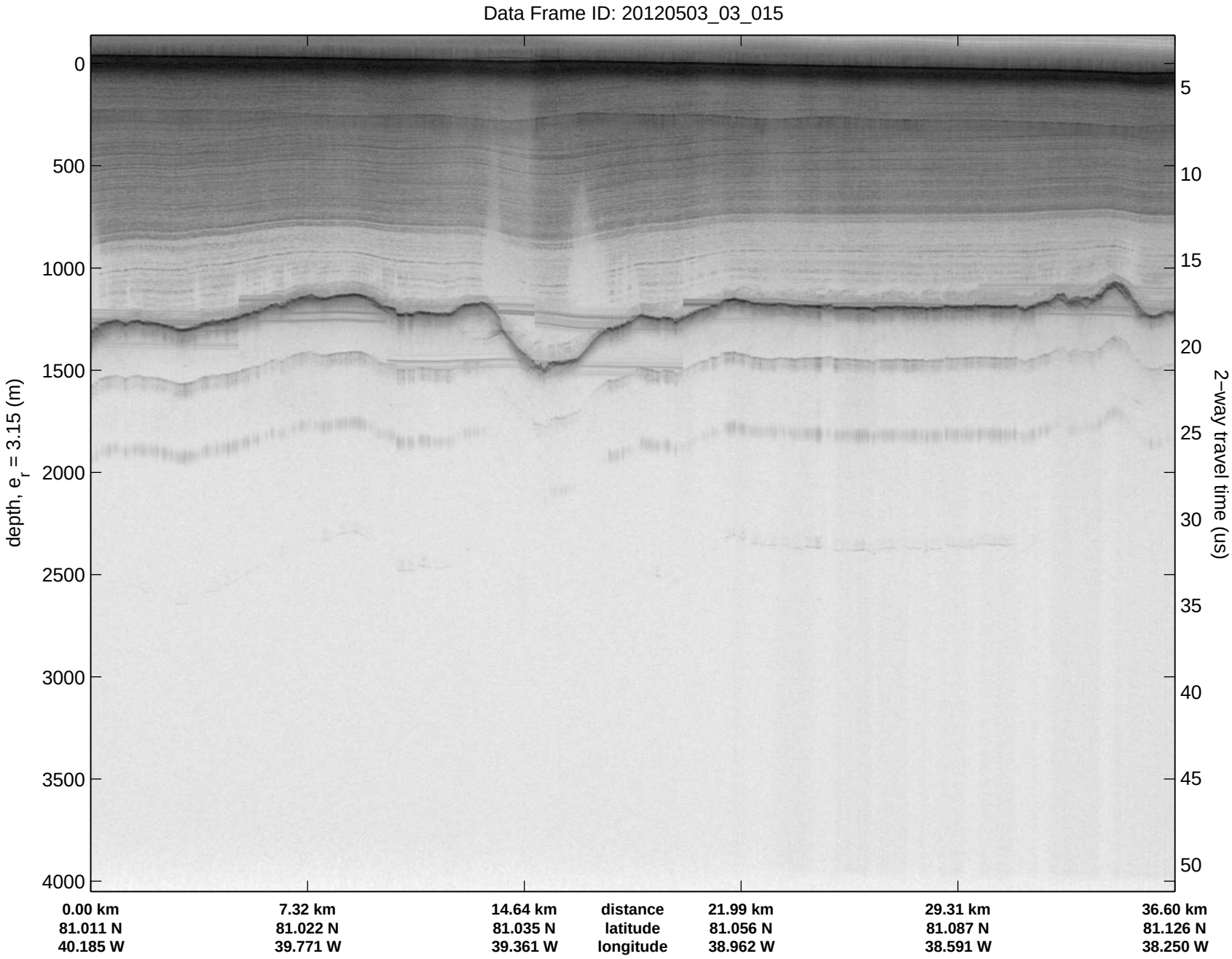

Data Frame ID: 20120503_03_014
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.976 N
42.956 W
10.20 km
80.975 N
42.379 W
20.37 km
80.983 N
41.801 W
distance
latitude
longitude
30.54 km
80.988 N
41.221 W
40.71 km
80.993 N
40.641 W
50.88 km
81.014 N
40.076 W

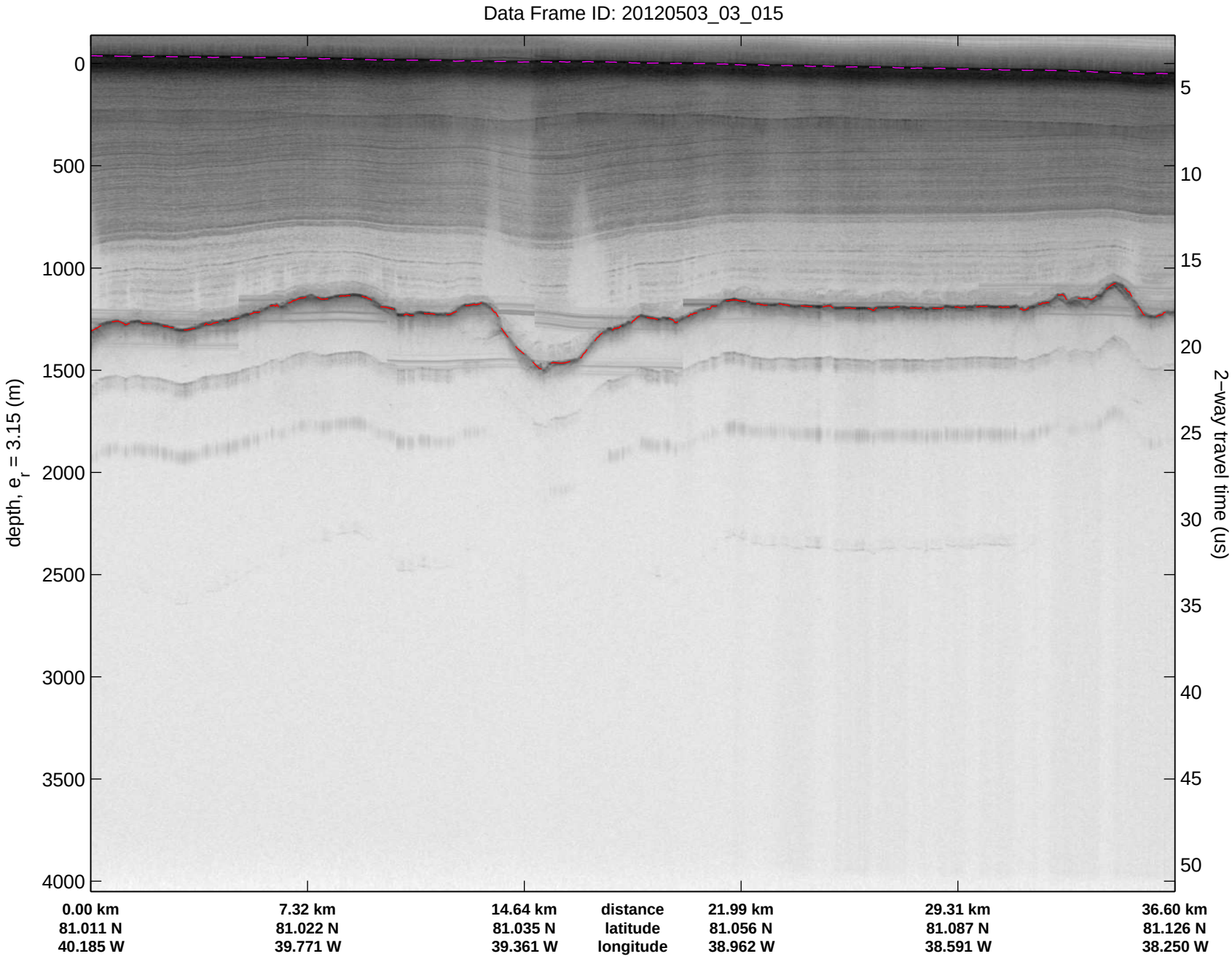

Data Frame ID: 20120503_03_014
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.976 N
42.956 W
10.20 km
80.975 N
42.379 W
20.37 km
80.983 N
41.801 W
distance
latitude
longitude
30.54 km
80.988 N
41.221 W
40.71 km
80.993 N
40.641 W
50.88 km
81.014 N
40.076 W

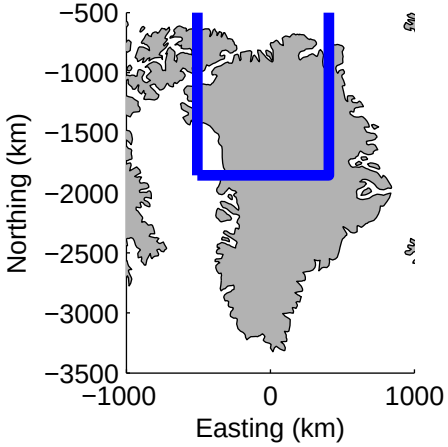

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

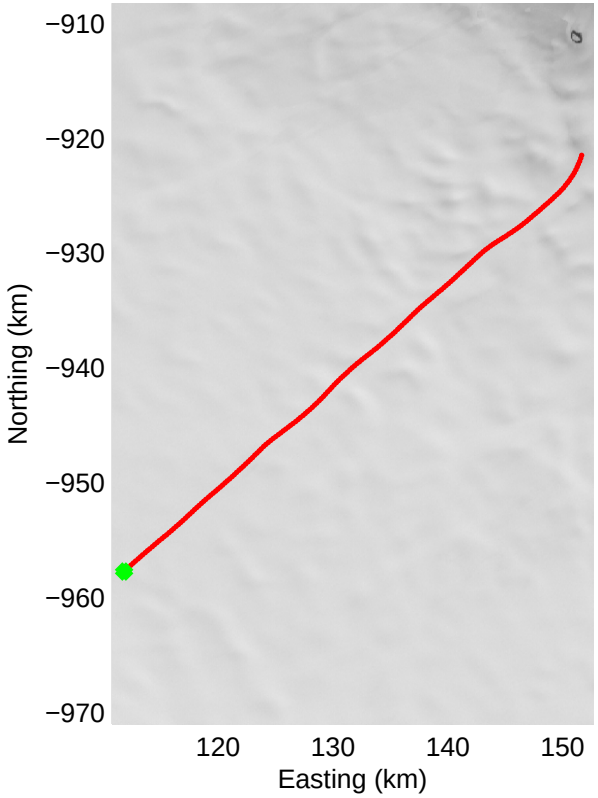

−940
−945
−950
−955
−960
−965
−970
−975
−980
−985
Northing (km)
85
90
95
100
105
110
Easting (km)

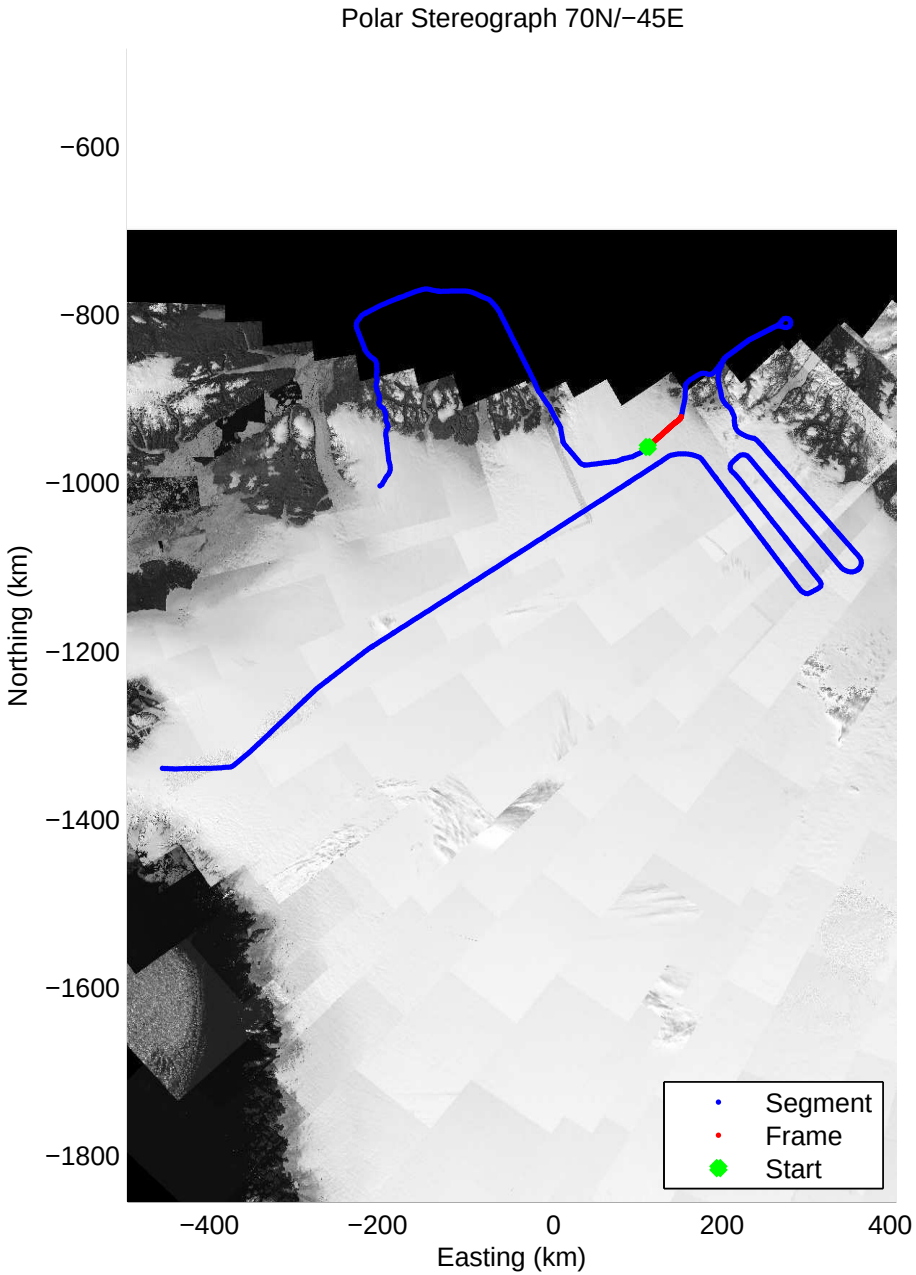

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

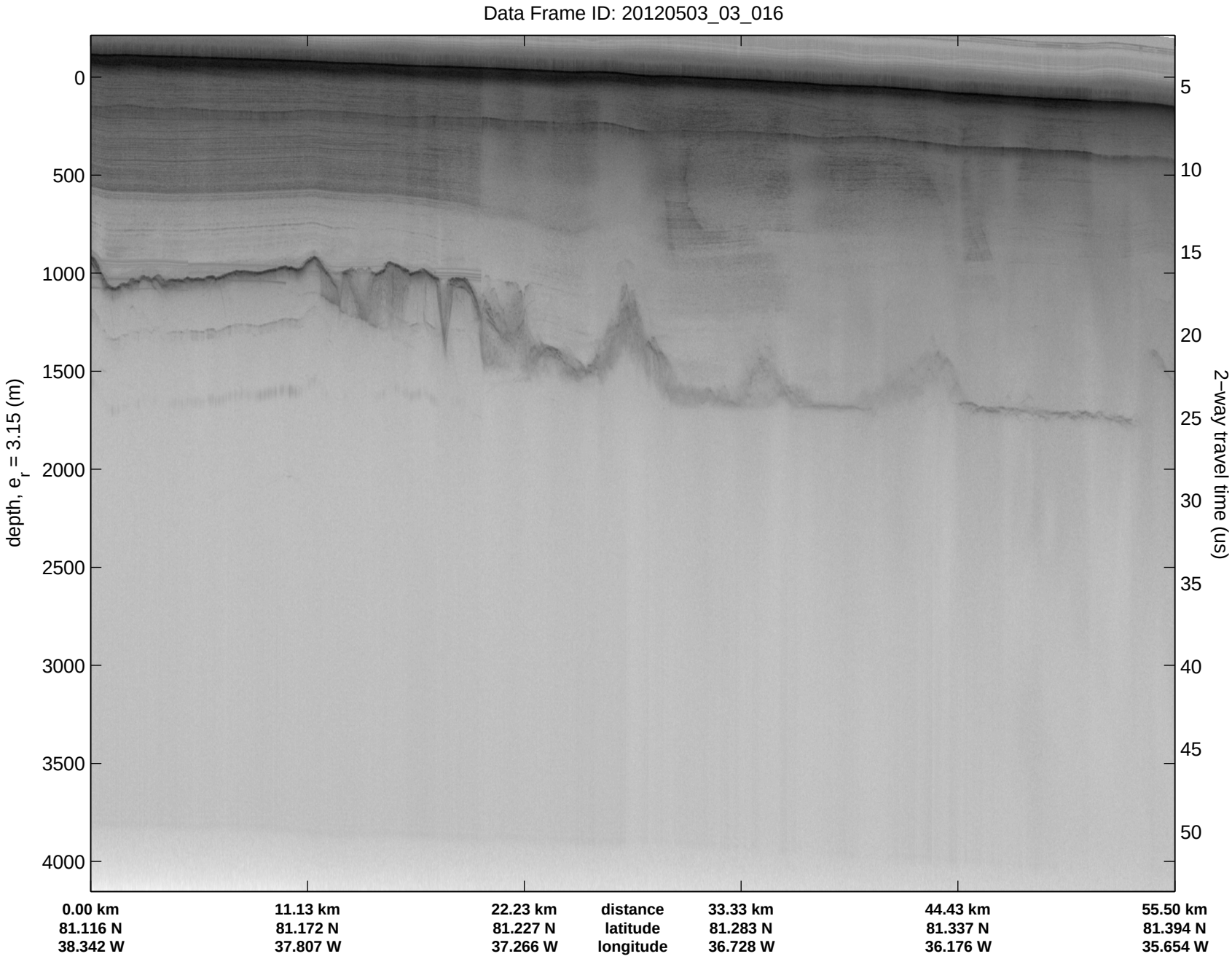

Data Frame ID: 20120503_03_015
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.011 N
40.185 W
7.32 km
81.022 N
39.771 W
14.64 km
81.035 N
39.361 W
distance
latitude
longitude
21.99 km
81.056 N
38.962 W
29.31 km
81.087 N
38.591 W
36.60 km
81.126 N
38.250 W

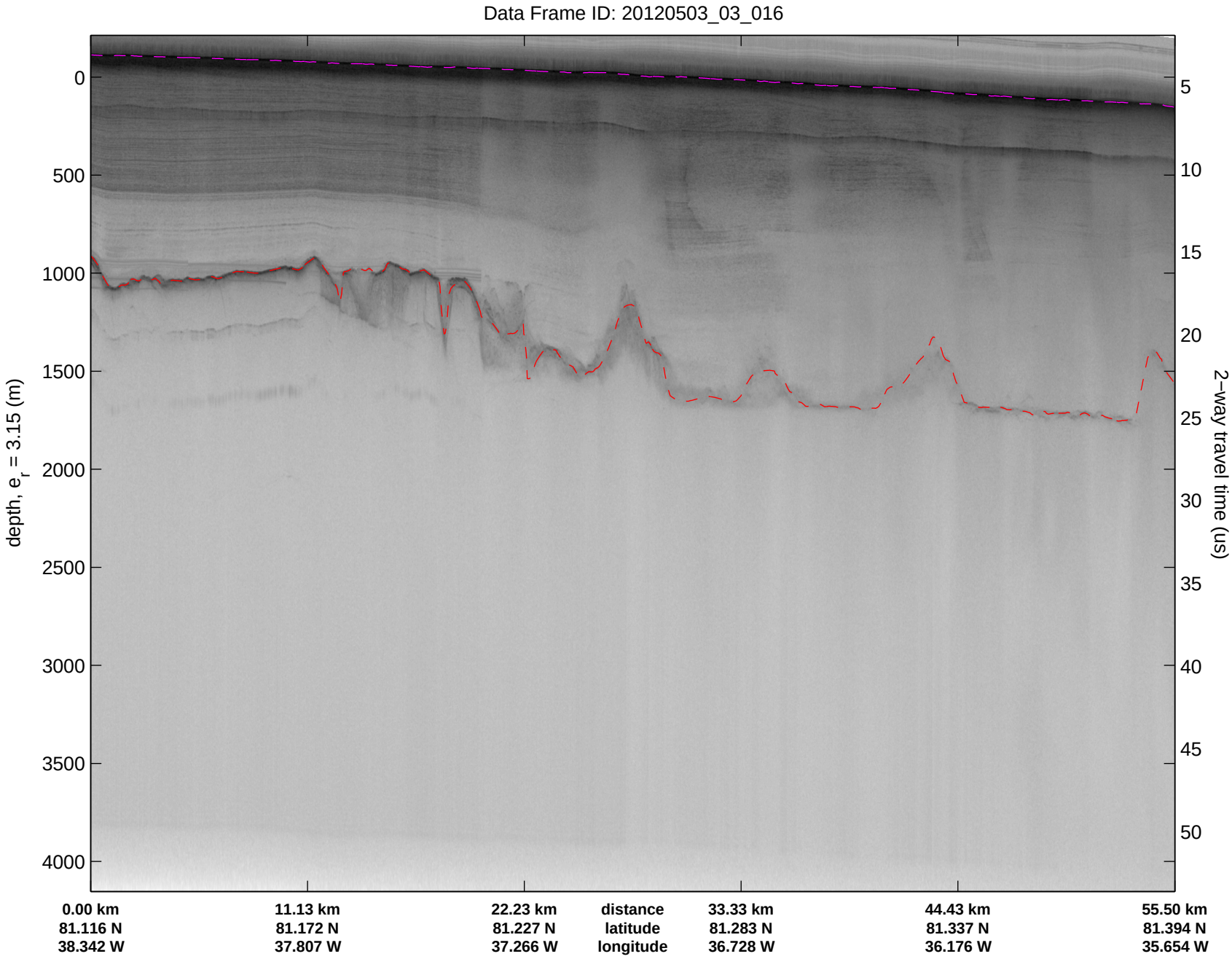

Data Frame ID: 20120503_03_015
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.011 N
40.185 W
7.32 km
81.022 N
39.771 W
14.64 km
81.035 N
39.361 W
distance
latitude
longitude
21.99 km
81.056 N
38.962 W
29.31 km
81.087 N
38.591 W
36.60 km
81.126 N
38.250 W

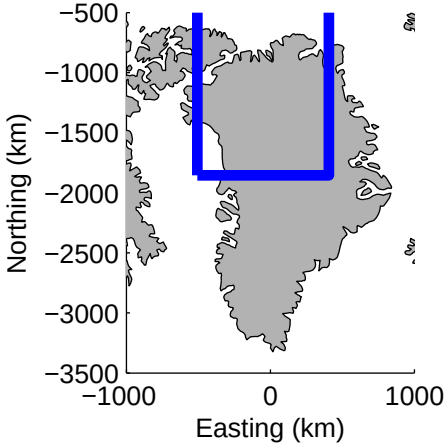

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

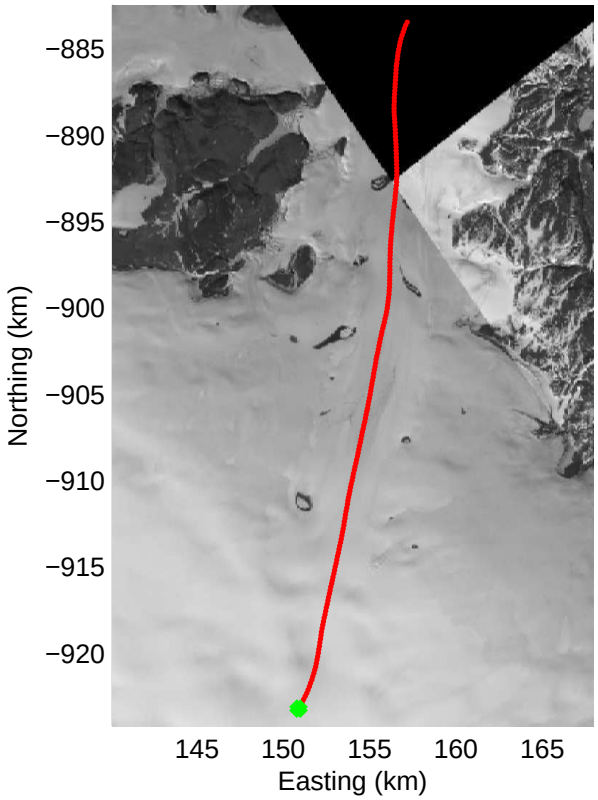

−910
−920
−930
−940
−950
−960
−970
Northing (km)
120
130
140
150
Easting (km)

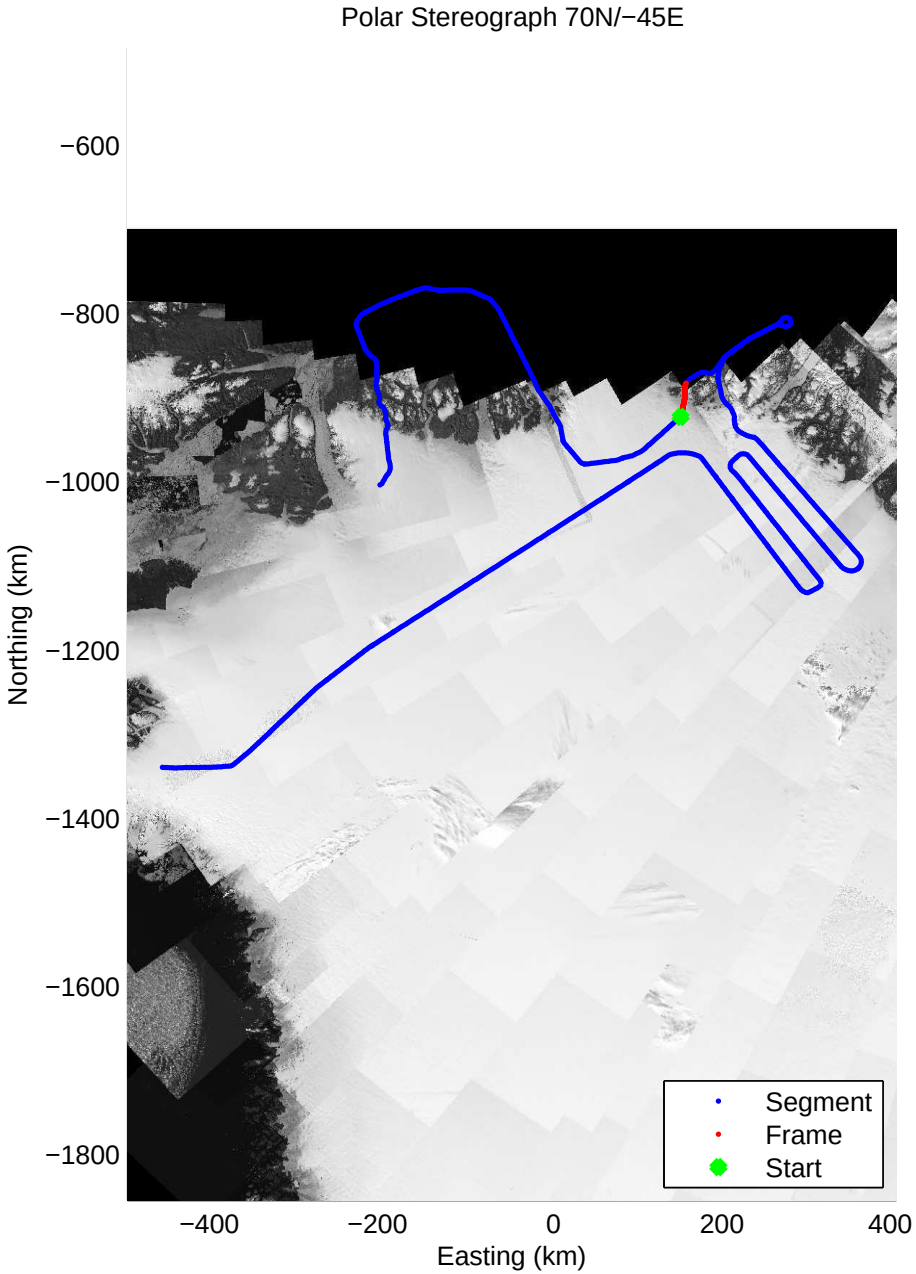

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

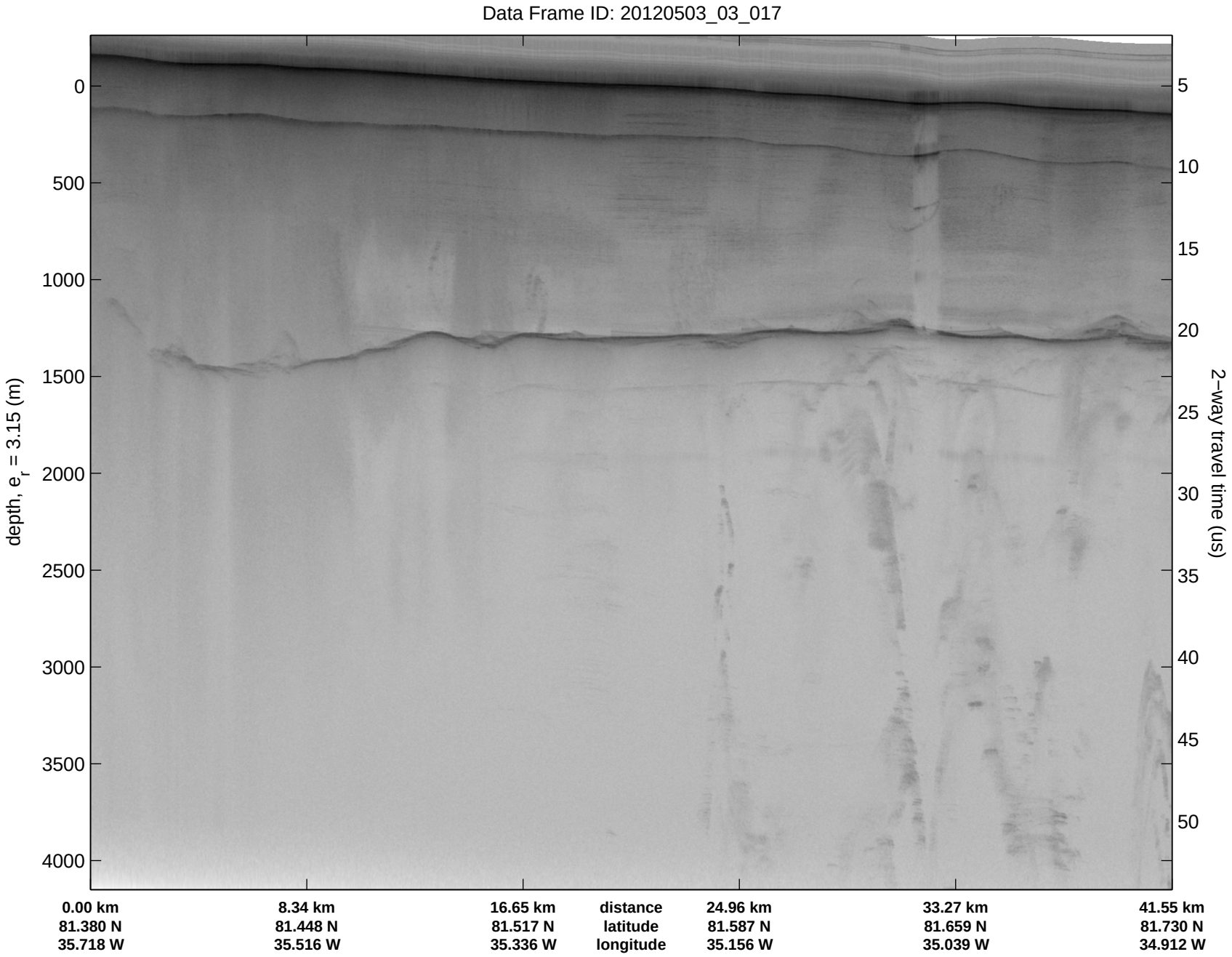

Data Frame ID: 20120503_03_016
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.116 N
38.342 W
11.13 km
81.172 N
37.807 W
22.23 km
81.227 N
37.266 W
distance
latitude
longitude
33.33 km
81.283 N
36.728 W
44.43 km
81.337 N
36.176 W
55.50 km
81.394 N
35.654 W

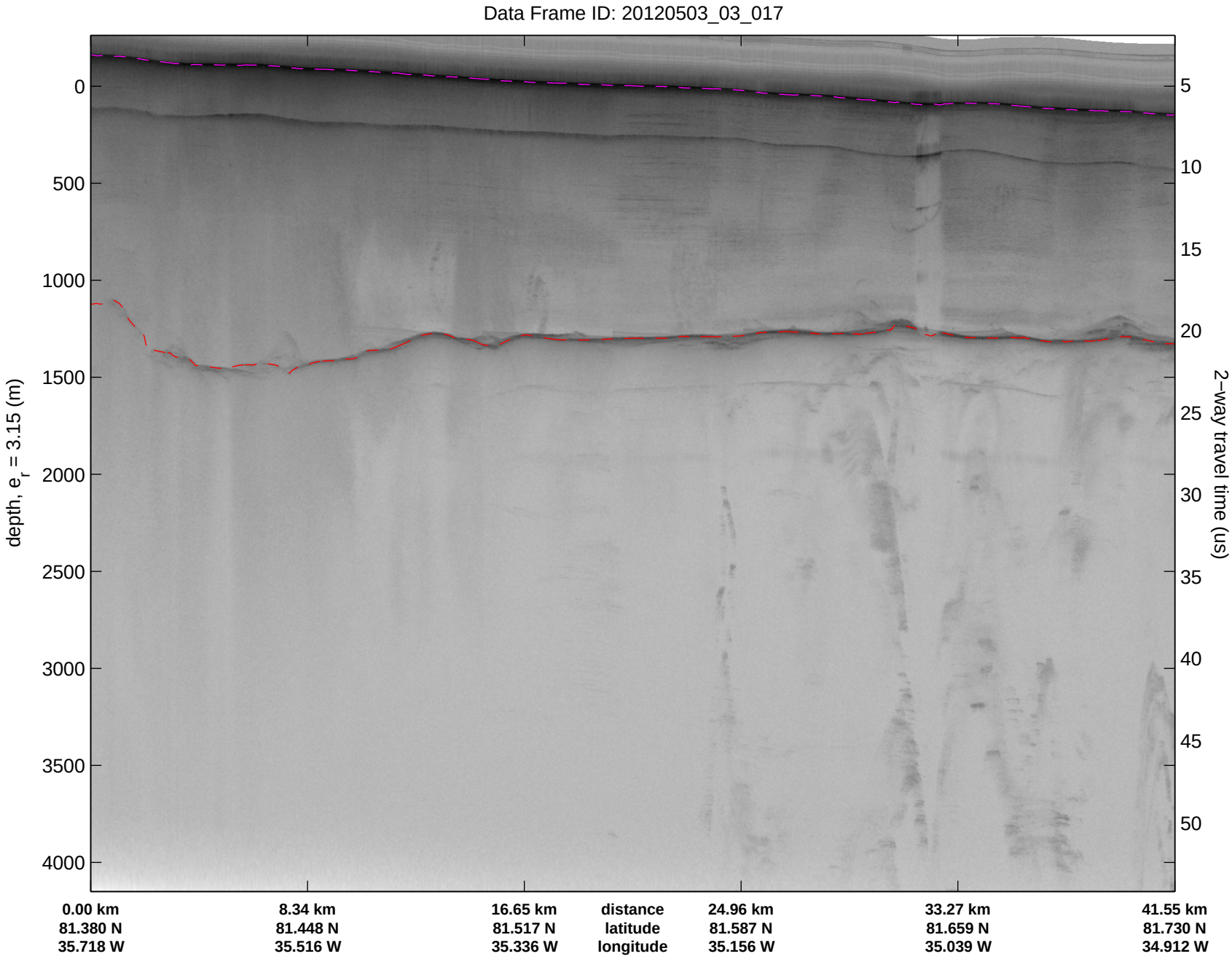

Data Frame ID: 20120503_03_016
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.116 N
38.342 W
11.13 km
81.172 N
37.807 W
22.23 km
81.227 N
37.266 W
distance
latitude
longitude
33.33 km
81.283 N
36.728 W
44.43 km
81.337 N
36.176 W
55.50 km
81.394 N
35.654 W

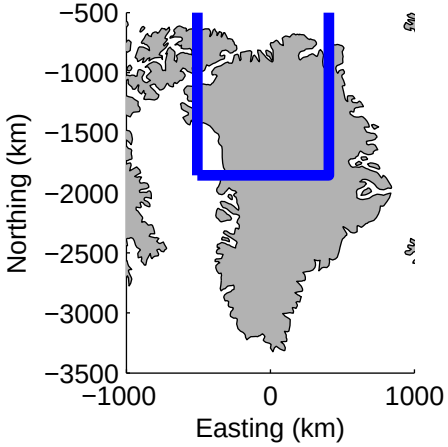

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

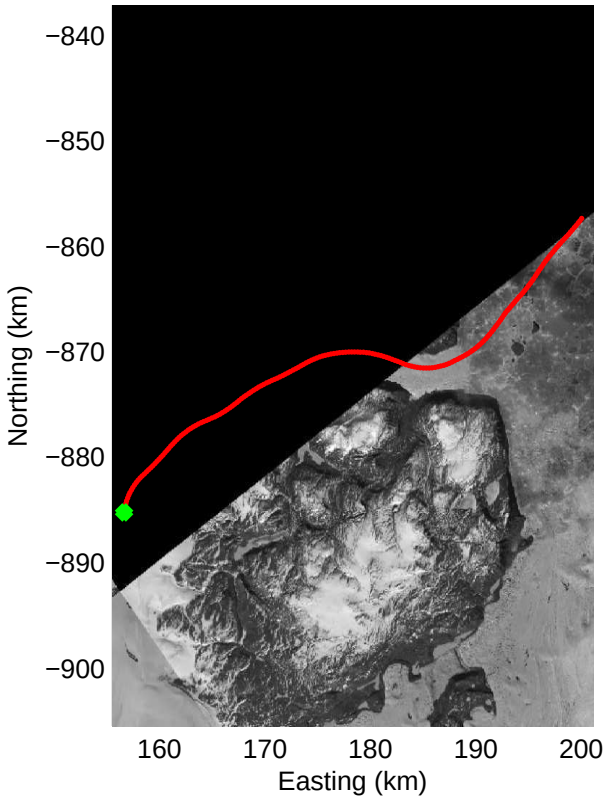

−885
−890
−895
−900
−905
−910
−915
−920
Northing (km)
145
150
155
160
165
Easting (km)

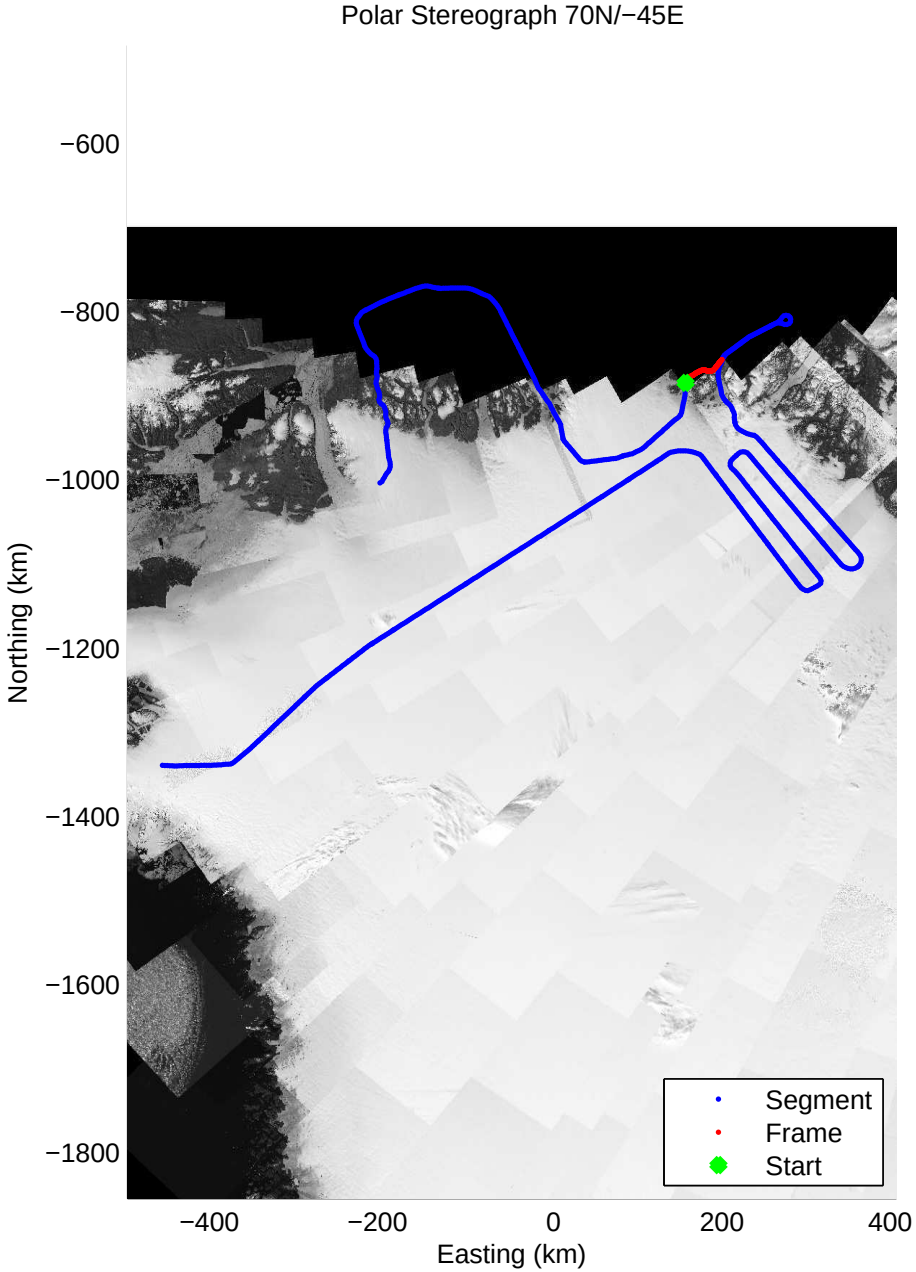

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

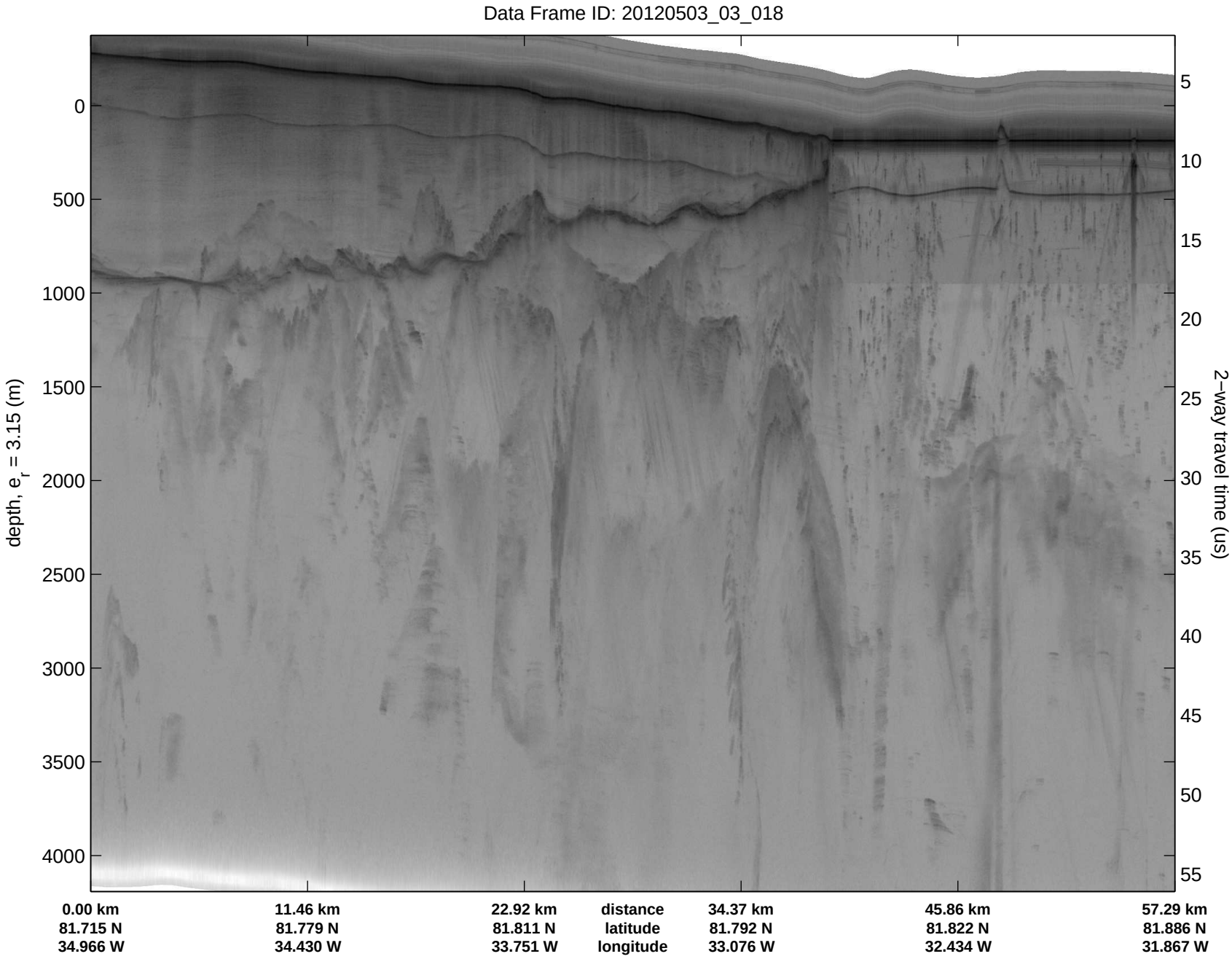

Data Frame ID: 20120503_03_017
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.380 N
35.718 W
8.34 km
81.448 N
35.516 W
16.65 km
81.517 N
35.336 W
distance
latitude
longitude
24.96 km
81.587 N
35.156 W
33.27 km
81.659 N
35.039 W
41.55 km
81.730 N
34.912 W

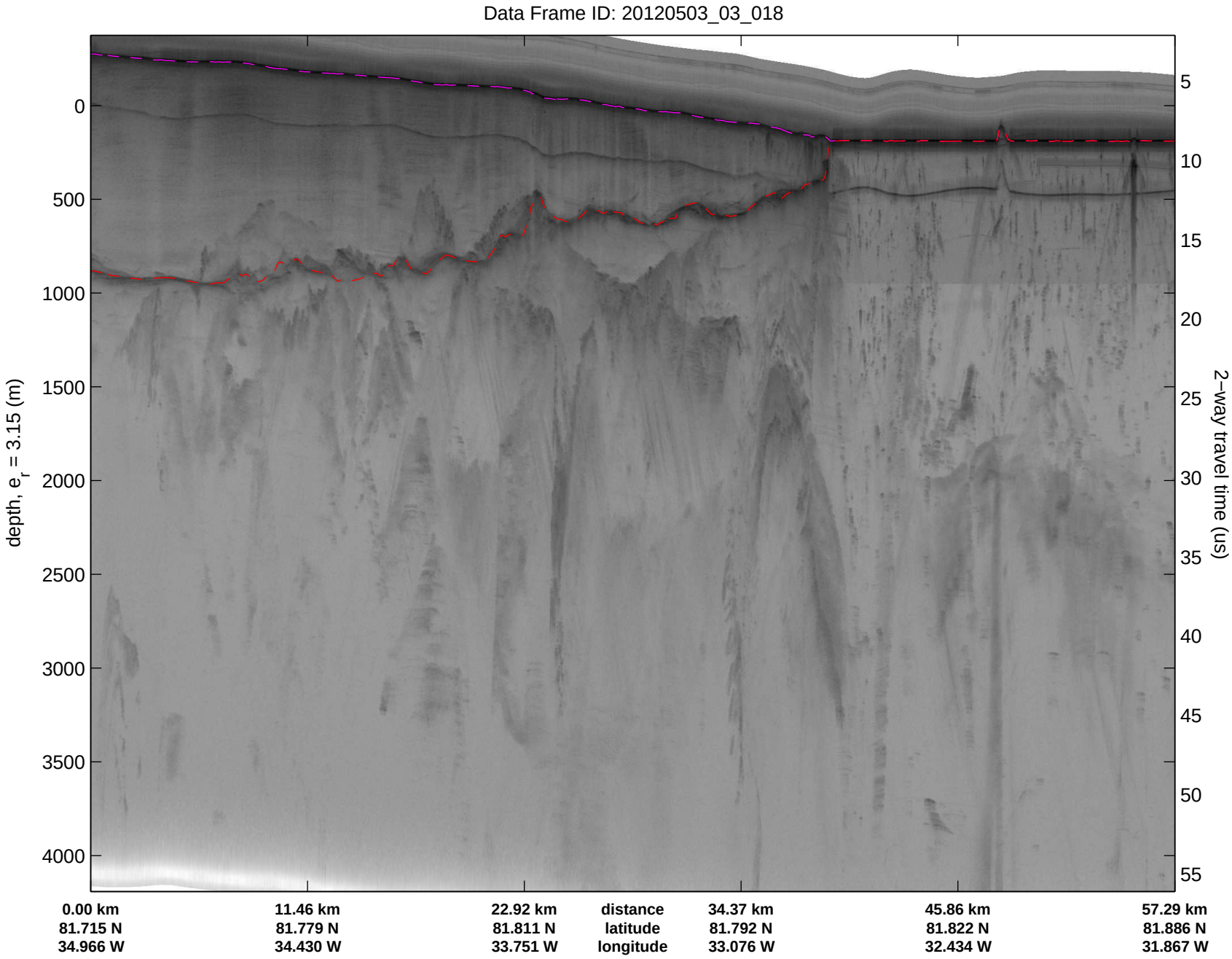

Data Frame ID: 20120503_03_017
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.380 N
35.718 W
8.34 km
81.448 N
35.516 W
16.65 km
81.517 N
35.336 W
distance
latitude
longitude
24.96 km
81.587 N
35.156 W
33.27 km
81.659 N
35.039 W
41.55 km
81.730 N
34.912 W

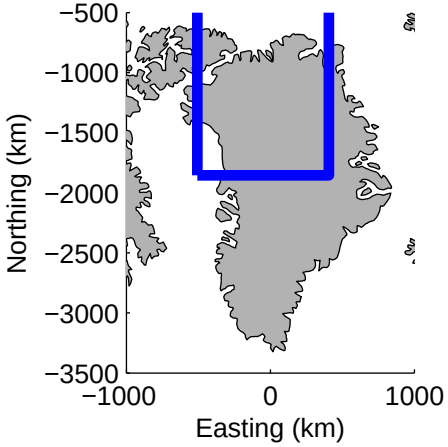

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

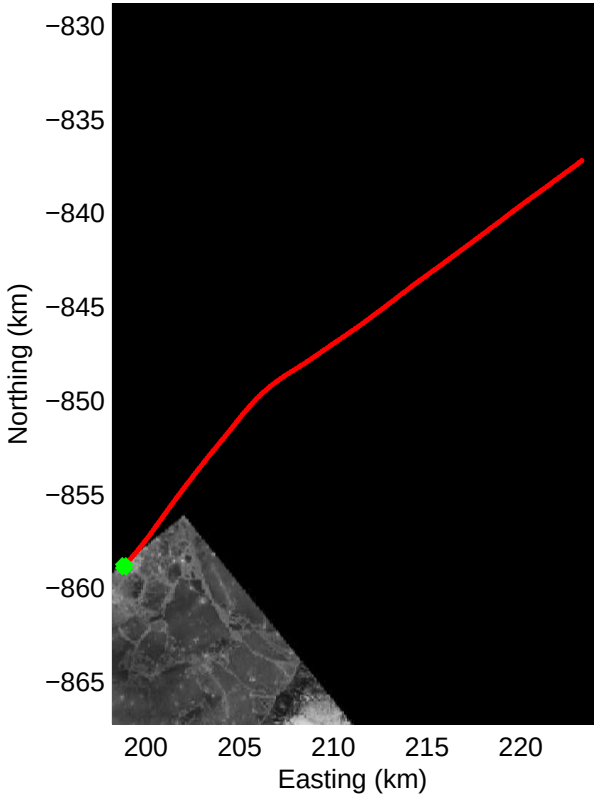

−840
−850
−860
−870
−880
−890
−900
Northing (km)
160
170
180
190
200
Easting (km)

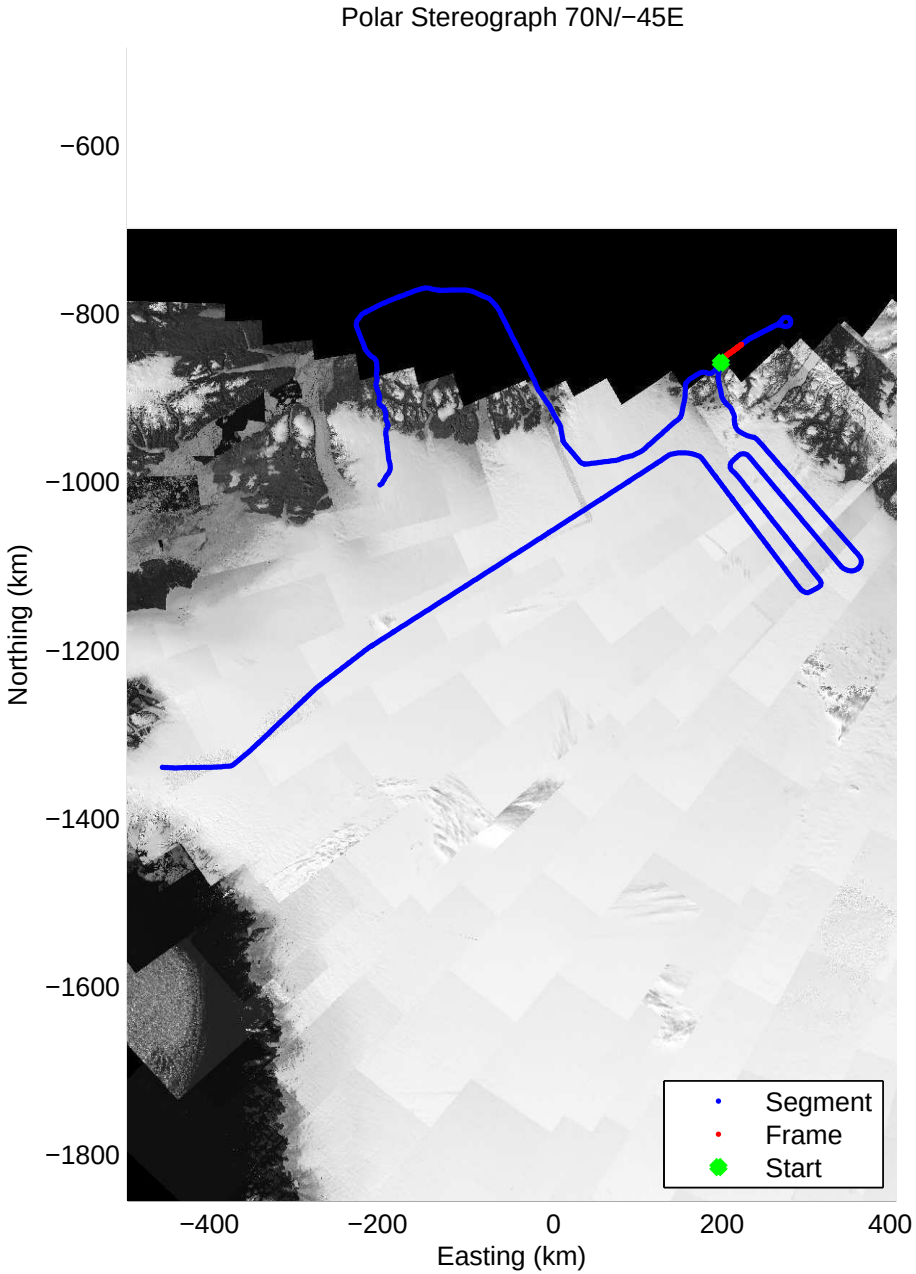

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start


Data Frame ID: 20120503_03_018
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
55
0.00 km
81.715 N
34.966 W
11.46 km
81.779 N
34.430 W
22.92 km
81.811 N
33.751 W
distance
latitude
longitude
34.37 km
81.792 N
33.076 W
45.86 km
81.822 N
32.434 W
57.29 km
81.886 N
31.867 W

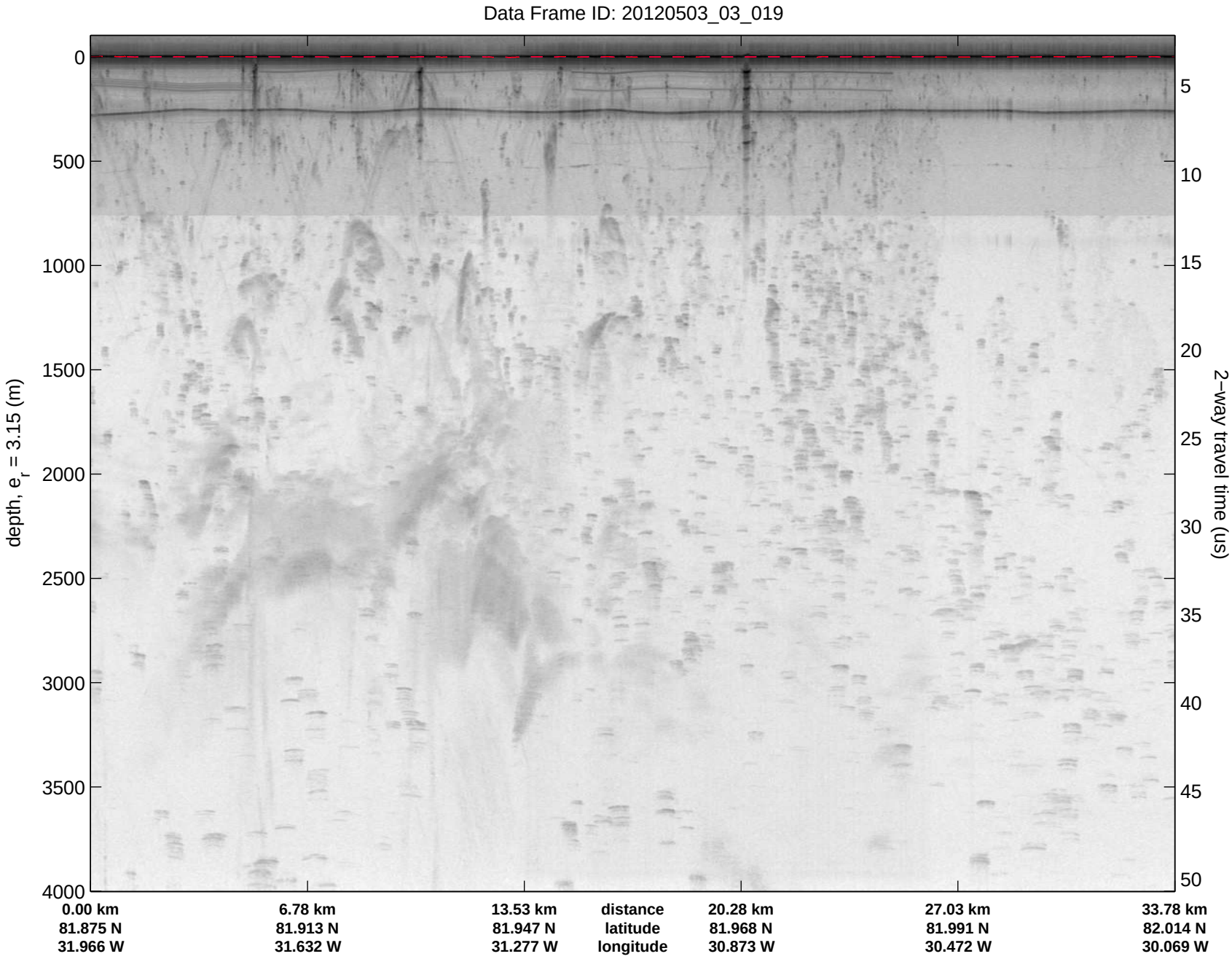

Data Frame ID: 20120503_03_018
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
55
0.00 km
81.715 N
34.966 W
11.46 km
81.779 N
34.430 W
22.92 km
81.811 N
33.751 W
distance
latitude
longitude
34.37 km
81.792 N
33.076 W
45.86 km
81.822 N
32.434 W
57.29 km
81.886 N
31.867 W

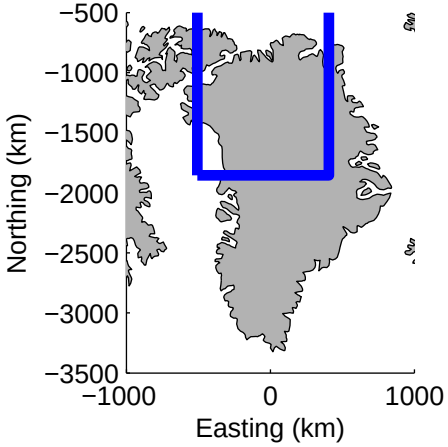

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

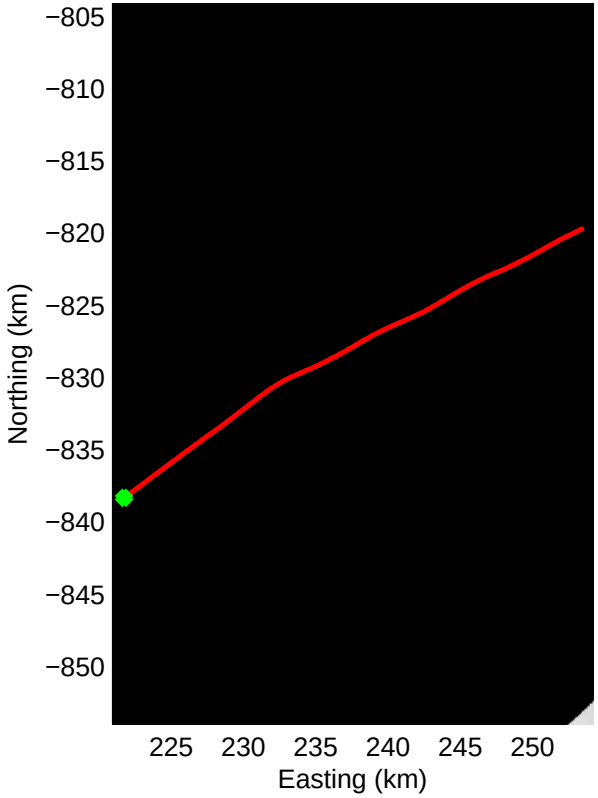

−830
−835
−840
−845
−850
−855
−860
−865
Northing (km)
200
205
210
215
220
Easting (km)

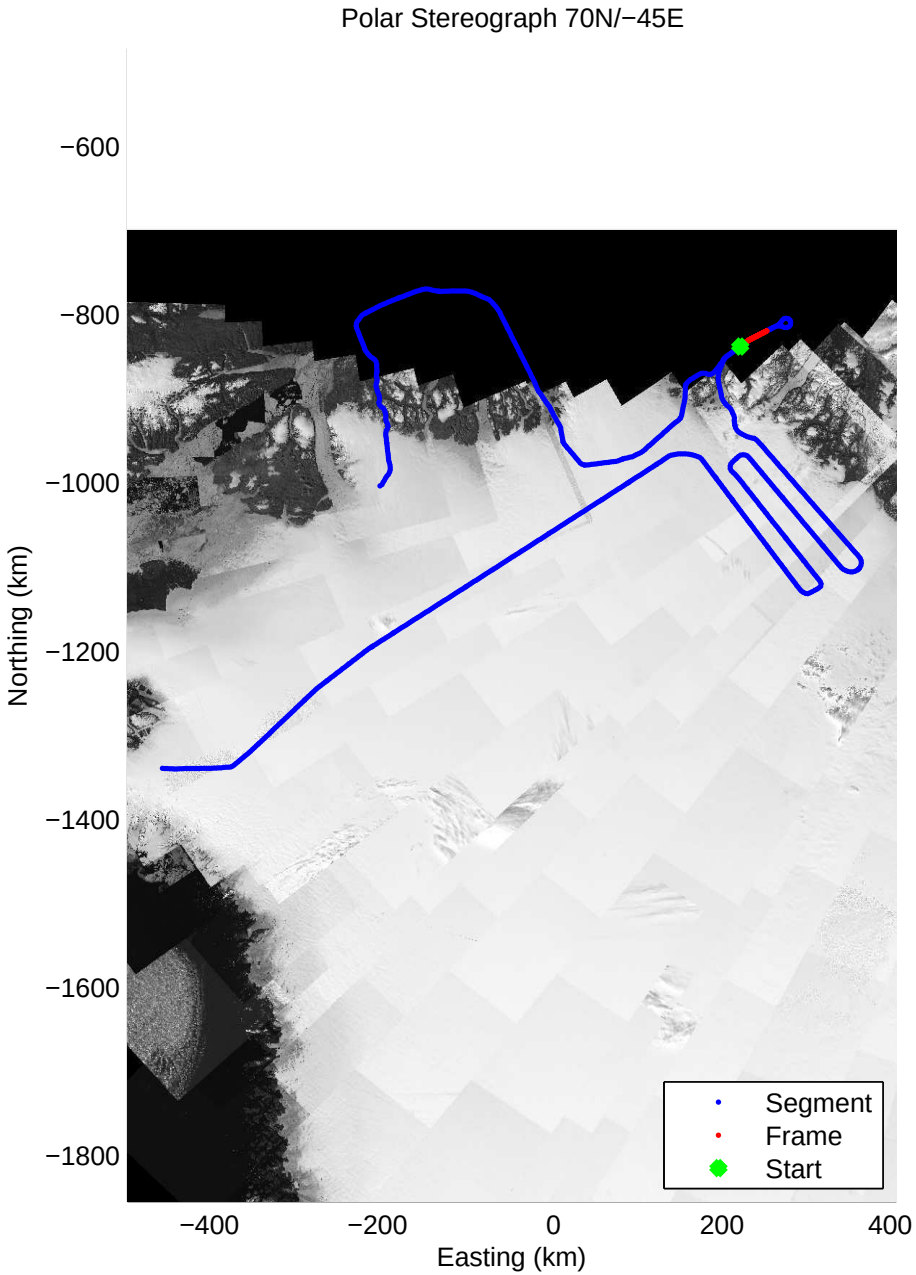

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

Data Frame ID: 20120503_03_019
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.875 N
31.966 W
6.78 km
81.913 N
31.632 W
13.53 km
81.947 N
31.277 W
distance
latitude
longitude
20.28 km
81.968 N
30.873 W
27.03 km
81.991 N
30.472 W
33.78 km
82.014 N
30.069 W


Data Frame ID: 20120503_03_019
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.875 N
31.966 W
6.78 km
81.913 N
31.632 W
13.53 km
81.947 N
31.277 W
distance
latitude
longitude
20.28 km
81.968 N
30.873 W
27.03 km
81.991 N
30.472 W
33.78 km
82.014 N
30.069 W

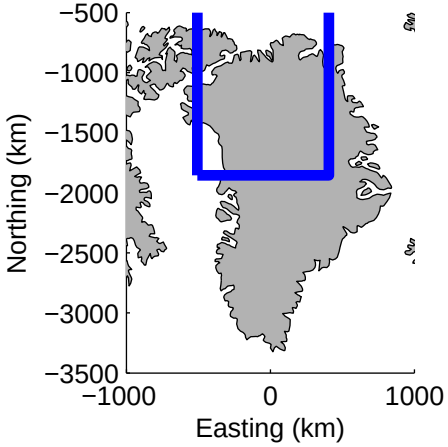

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

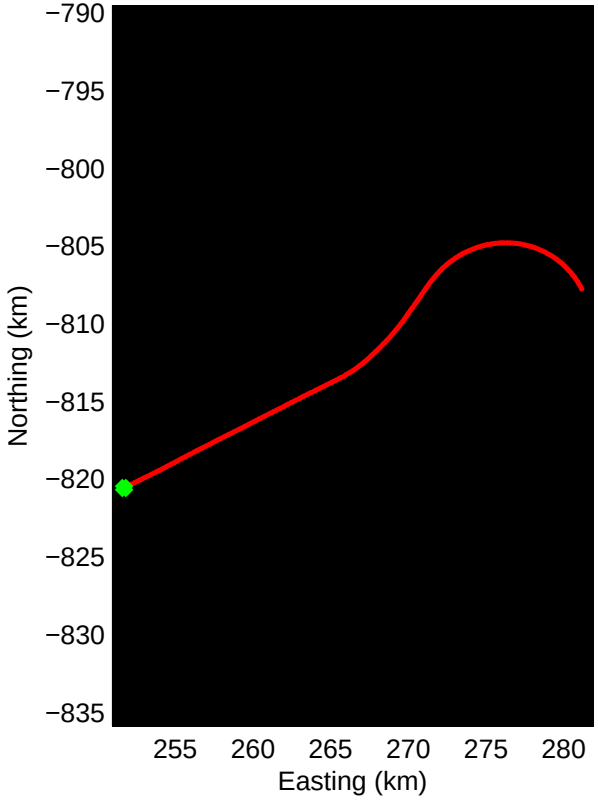

−805
−810
−815
−820
−825
−830
−835
−840
−845
−850
Northing (km)
225
230
235
240
245
250
Easting (km)

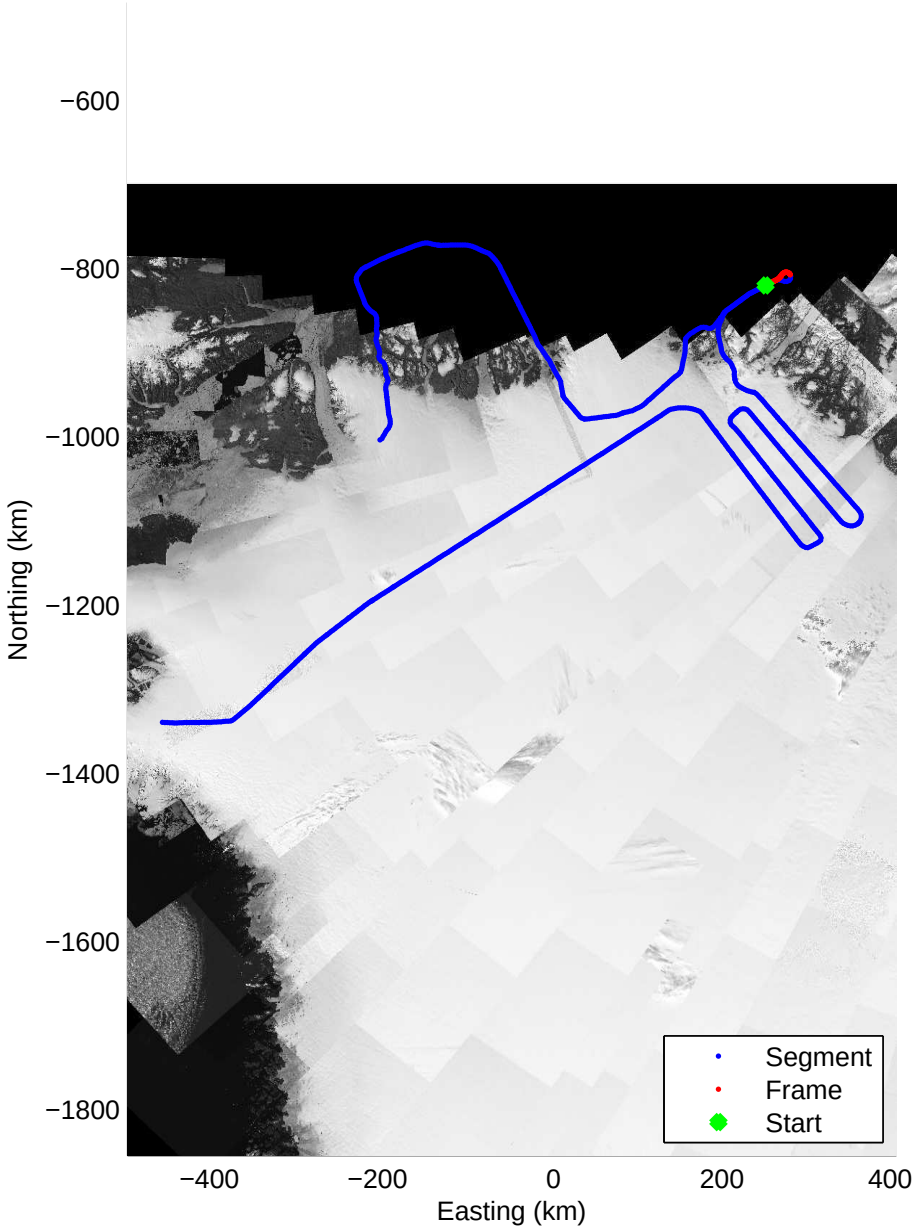

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

Data Frame ID: 20120503_03_020
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.007 N
30.185 W
7.59 km
82.032 N
29.729 W
15.15 km
82.054 N
29.268 W
distance
latitude
longitude
22.71 km
82.067 N
28.788 W
30.27 km
82.080 N
28.307 W
37.83 km
82.091 N
27.822 W

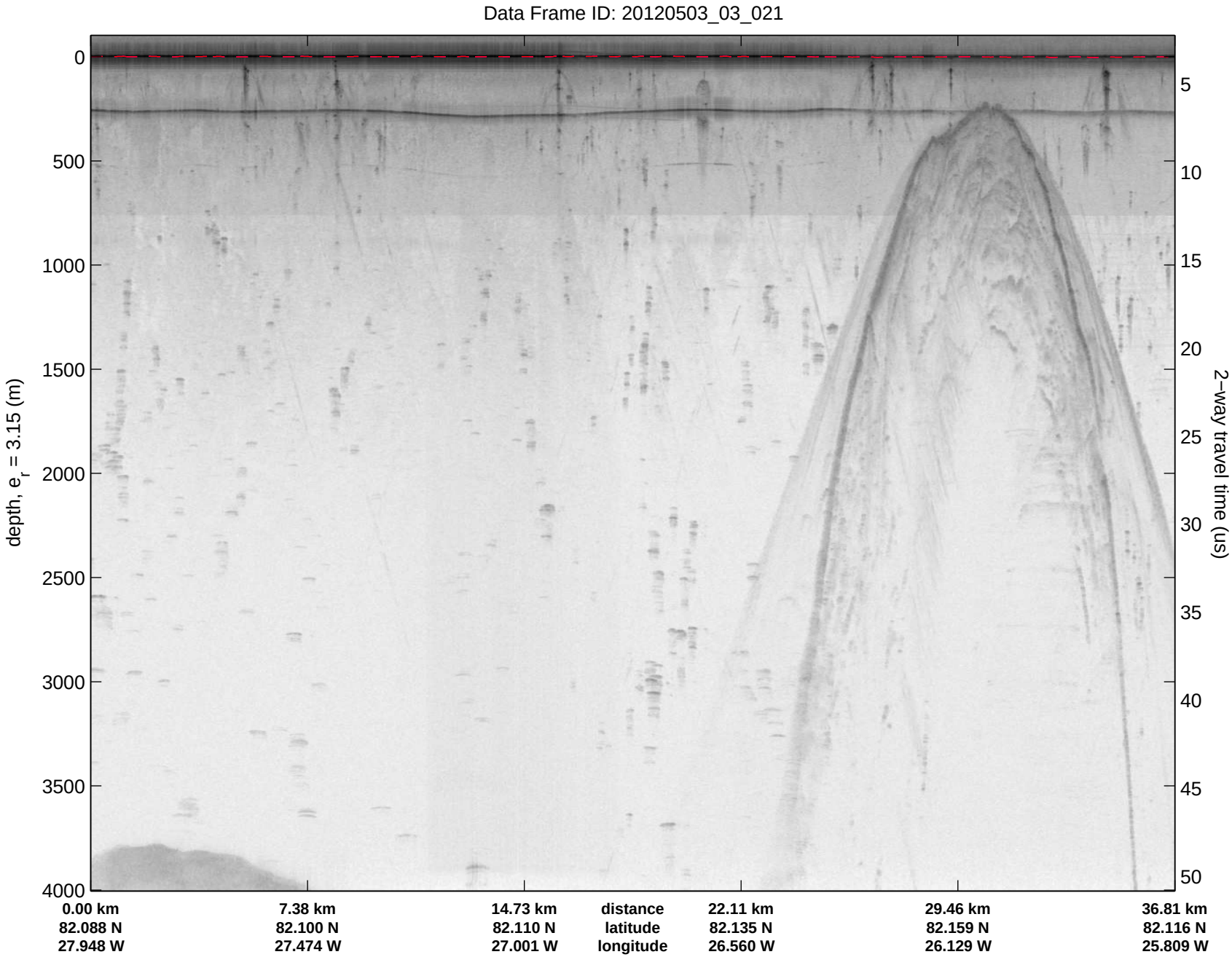
Data Frame ID: 20120503_03_020
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.007 N
30.185 W
7.59 km
82.032 N
29.729 W
15.15 km
82.054 N
29.268 W
distance
latitude
longitude
22.71 km
82.067 N
28.788 W
30.27 km
82.080 N
28.307 W
37.83 km
82.091 N
27.822 W

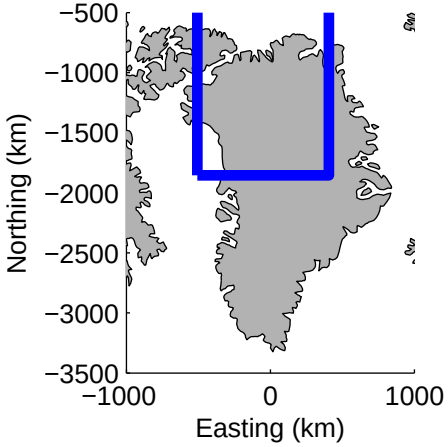

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

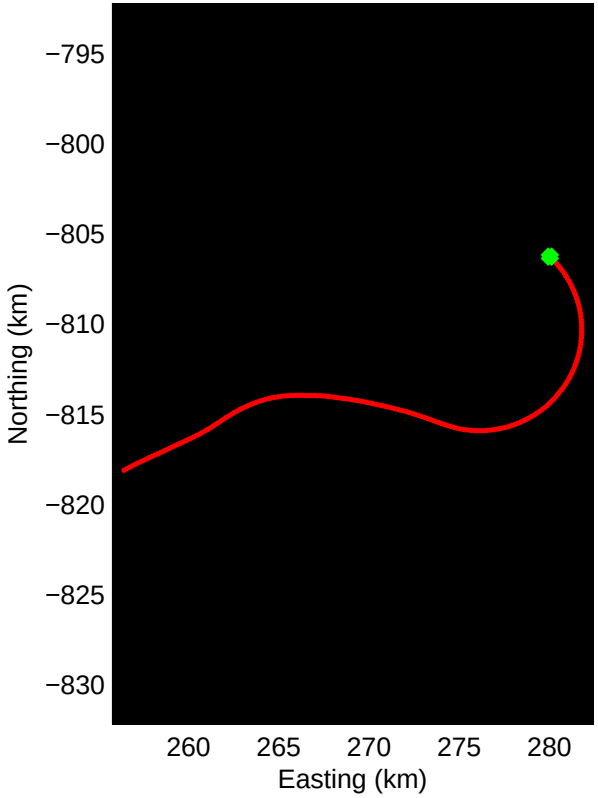

−790
−795
−800
−805
−810
−815
−820
−825
−830
−835
Northing (km)
255
260
265
270
275
280
Easting (km)

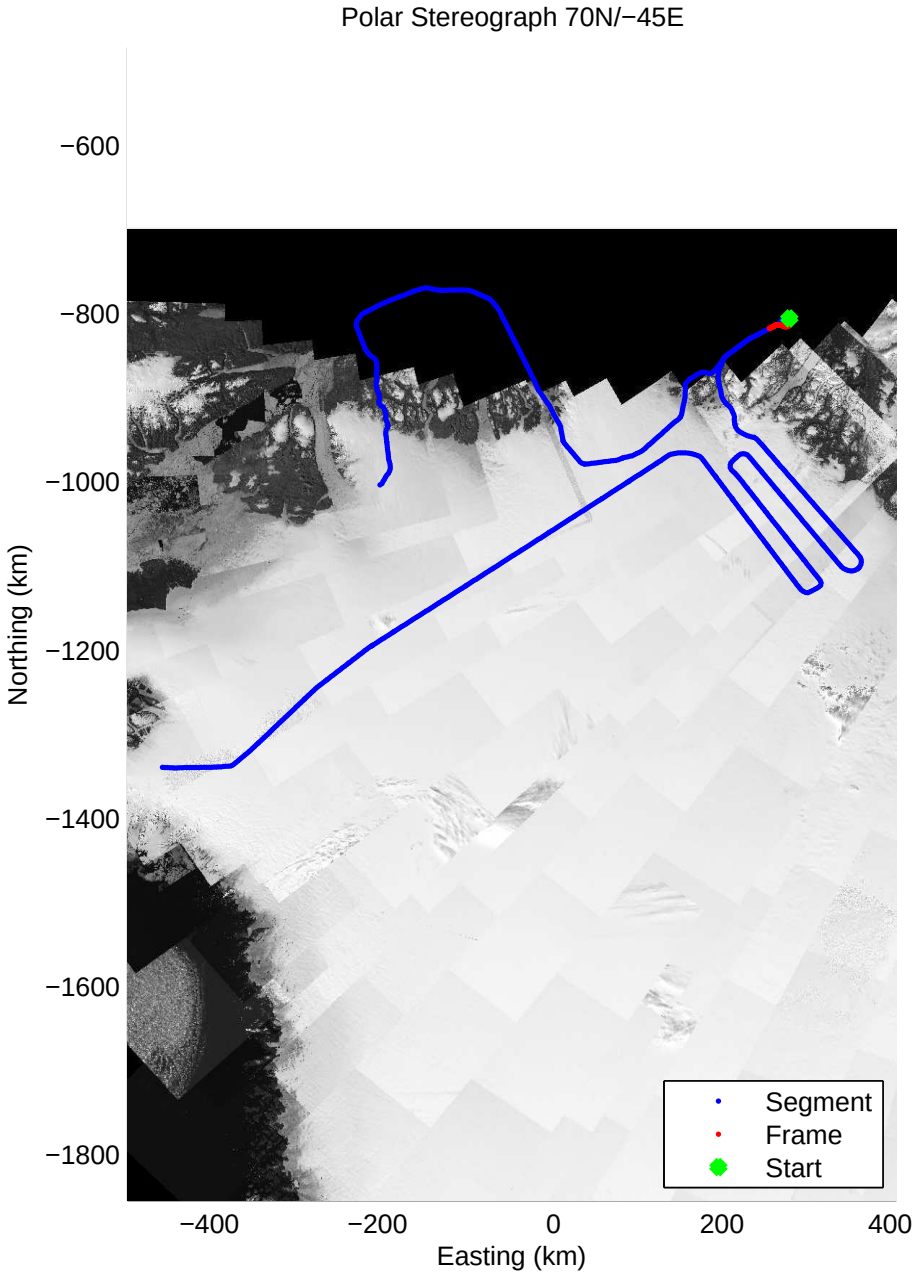

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

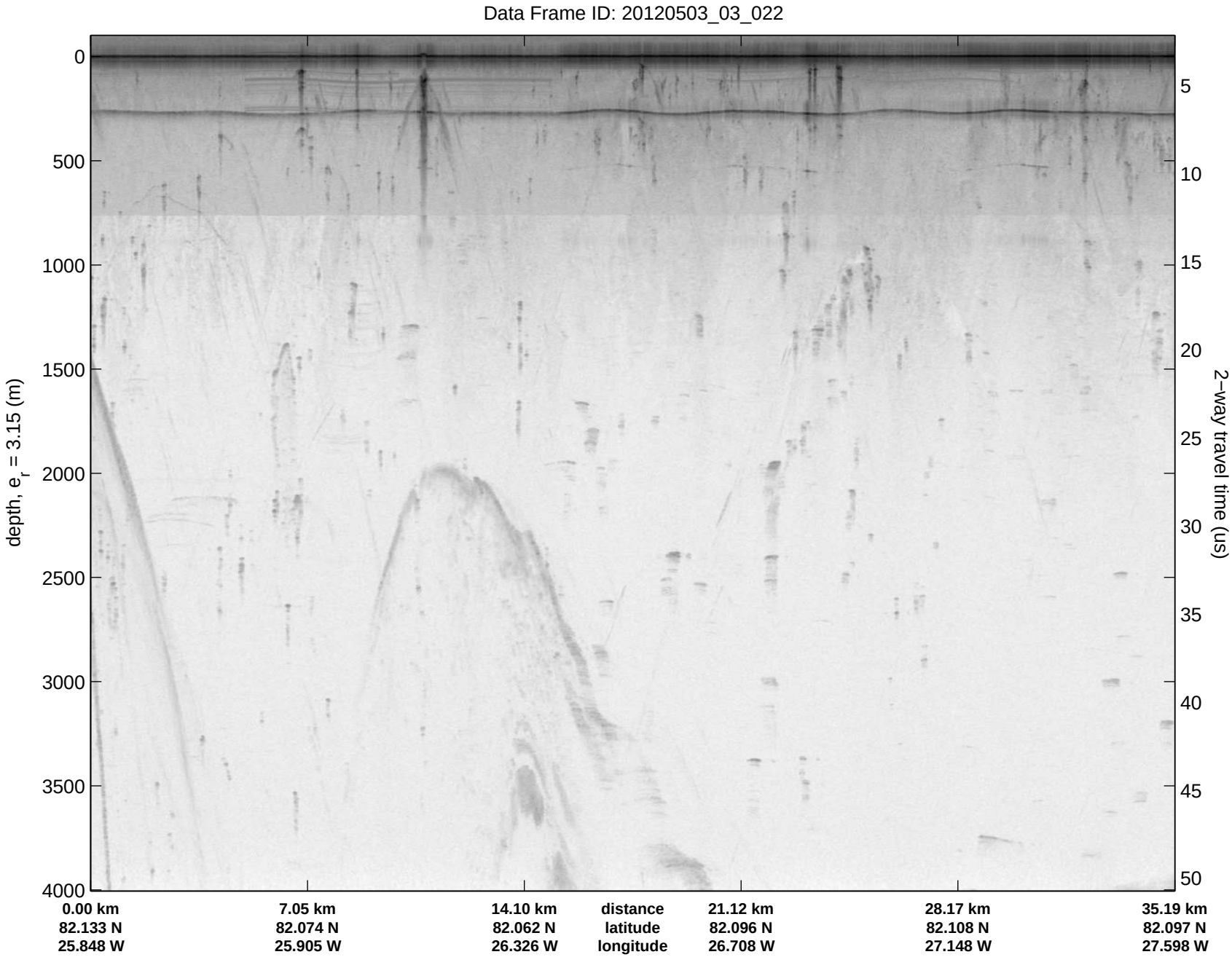
Data Frame ID: 20120503_03_021
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.088 N
27.948 W
7.38 km
82.100 N
27.474 W
14.73 km
82.110 N
27.001 W
distance
latitude
longitude
22.11 km
82.135 N
26.560 W
29.46 km
82.159 N
26.129 W
36.81 km
82.116 N
25.809 W

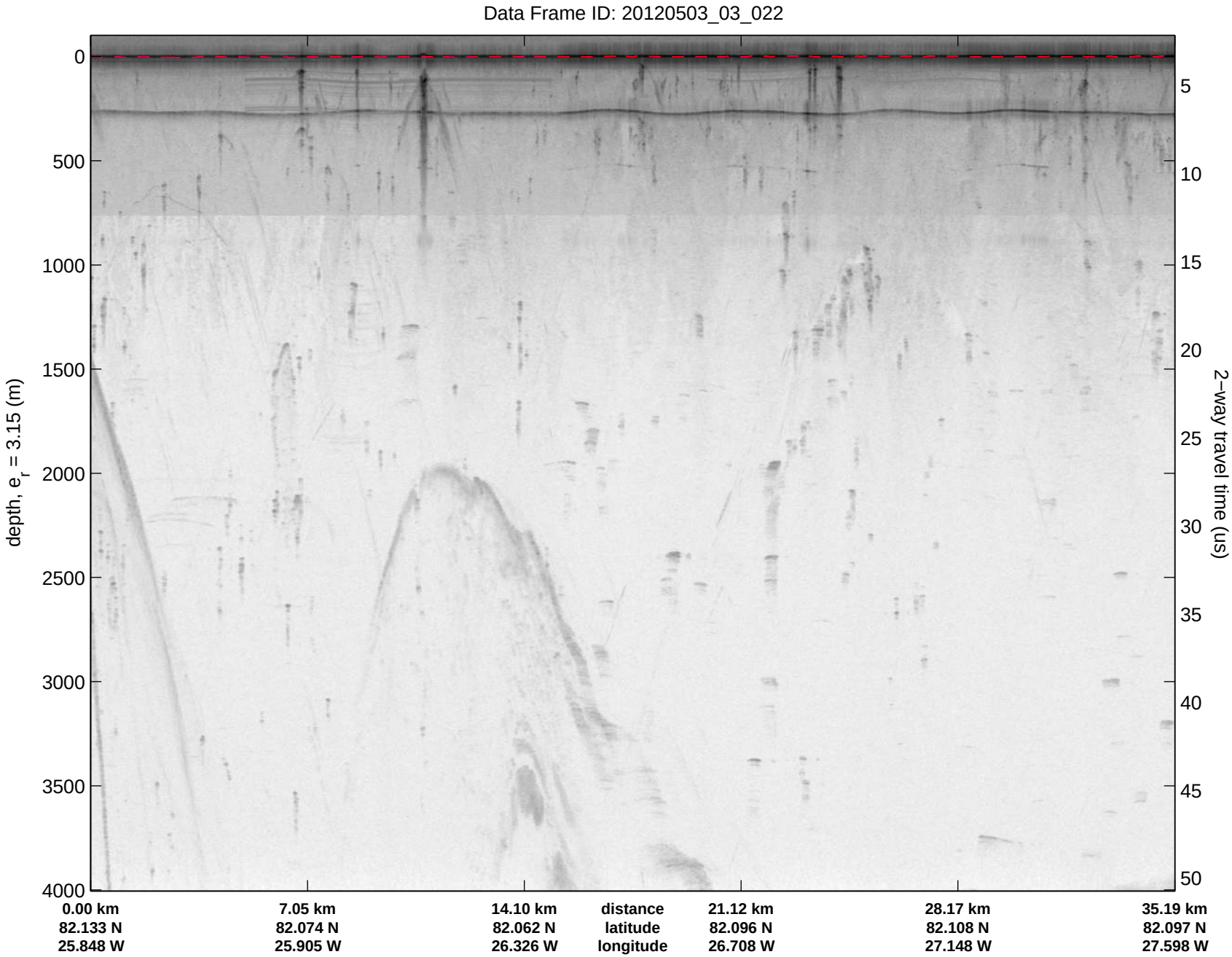

Data Frame ID: 20120503_03_021
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.088 N
27.948 W
7.38 km
82.100 N
27.474 W
14.73 km
82.110 N
27.001 W
distance
latitude
longitude
22.11 km
82.135 N
26.560 W
29.46 km
82.159 N
26.129 W
36.81 km
82.116 N
25.809 W

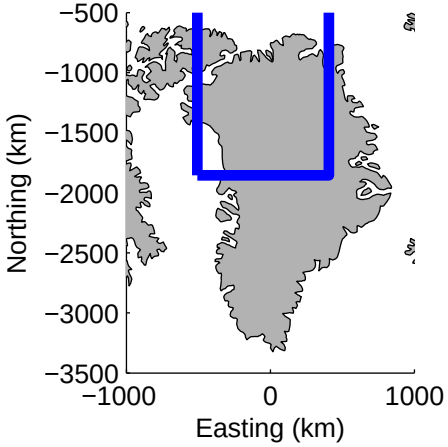

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

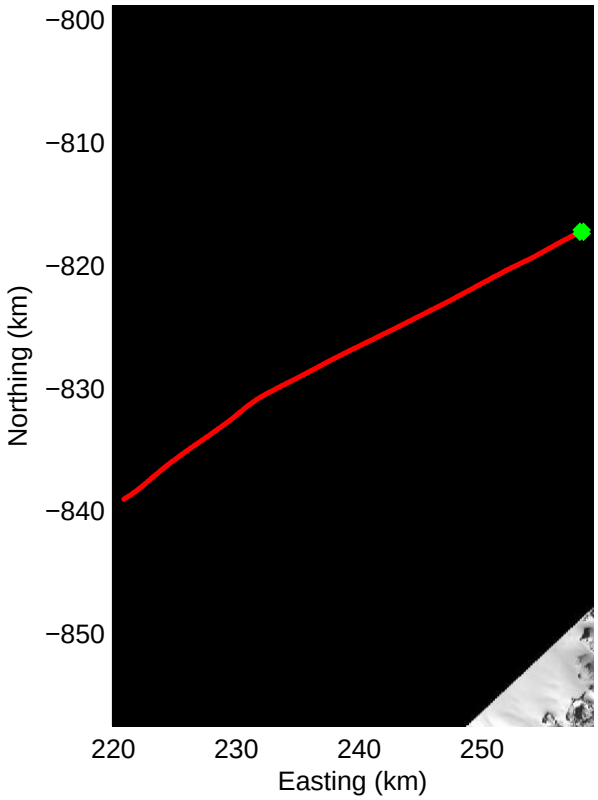

−795
−800
−805
−810
−815
−820
−825
−830
Northing (km)
260
265
270
275
280
Easting (km)

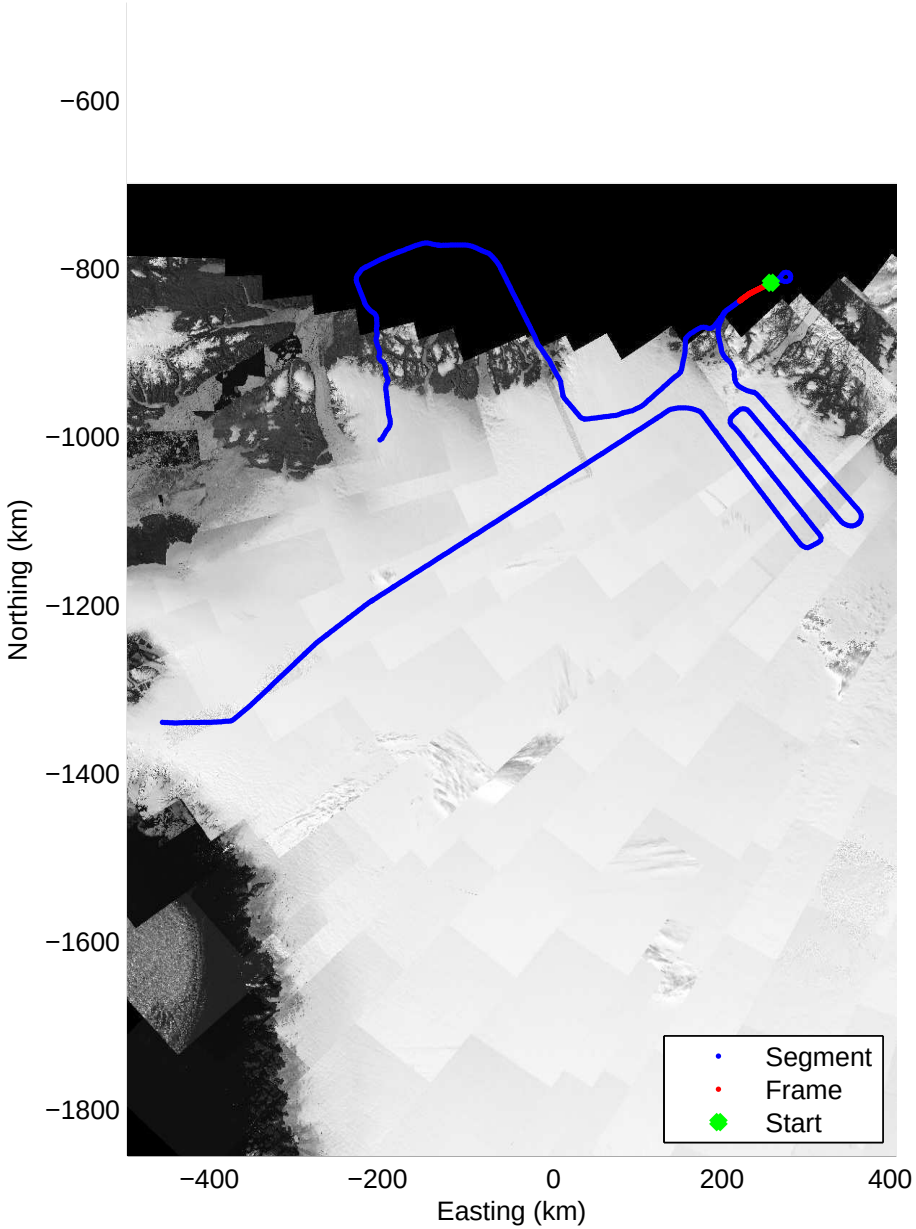

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

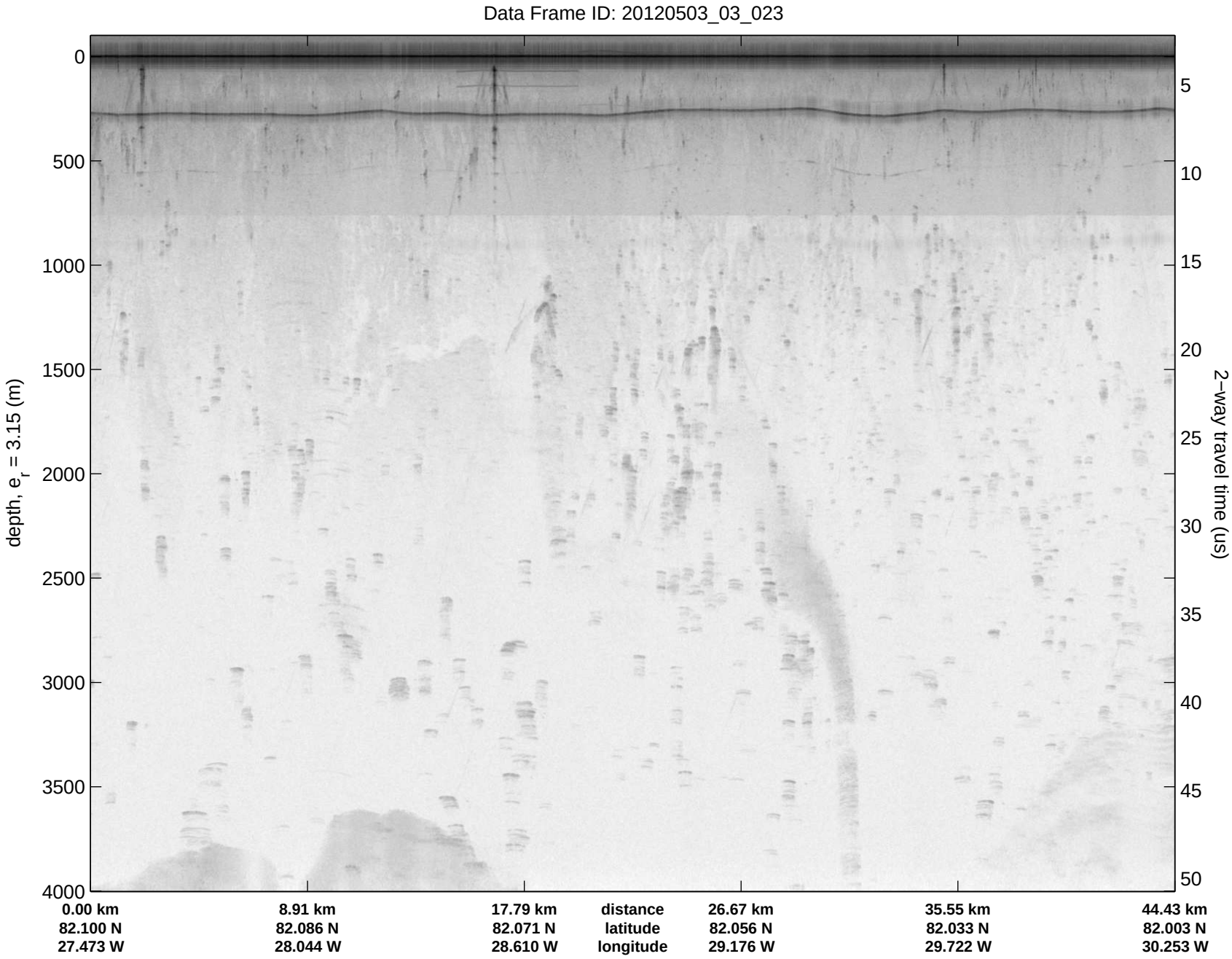

Data Frame ID: 20120503_03_022
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.133 N
25.848 W
7.05 km
82.074 N
25.905 W
14.10 km
82.062 N
26.326 W
distance
latitude
longitude
21.12 km
82.096 N
26.708 W
28.17 km
82.108 N
27.148 W
35.19 km
82.097 N
27.598 W

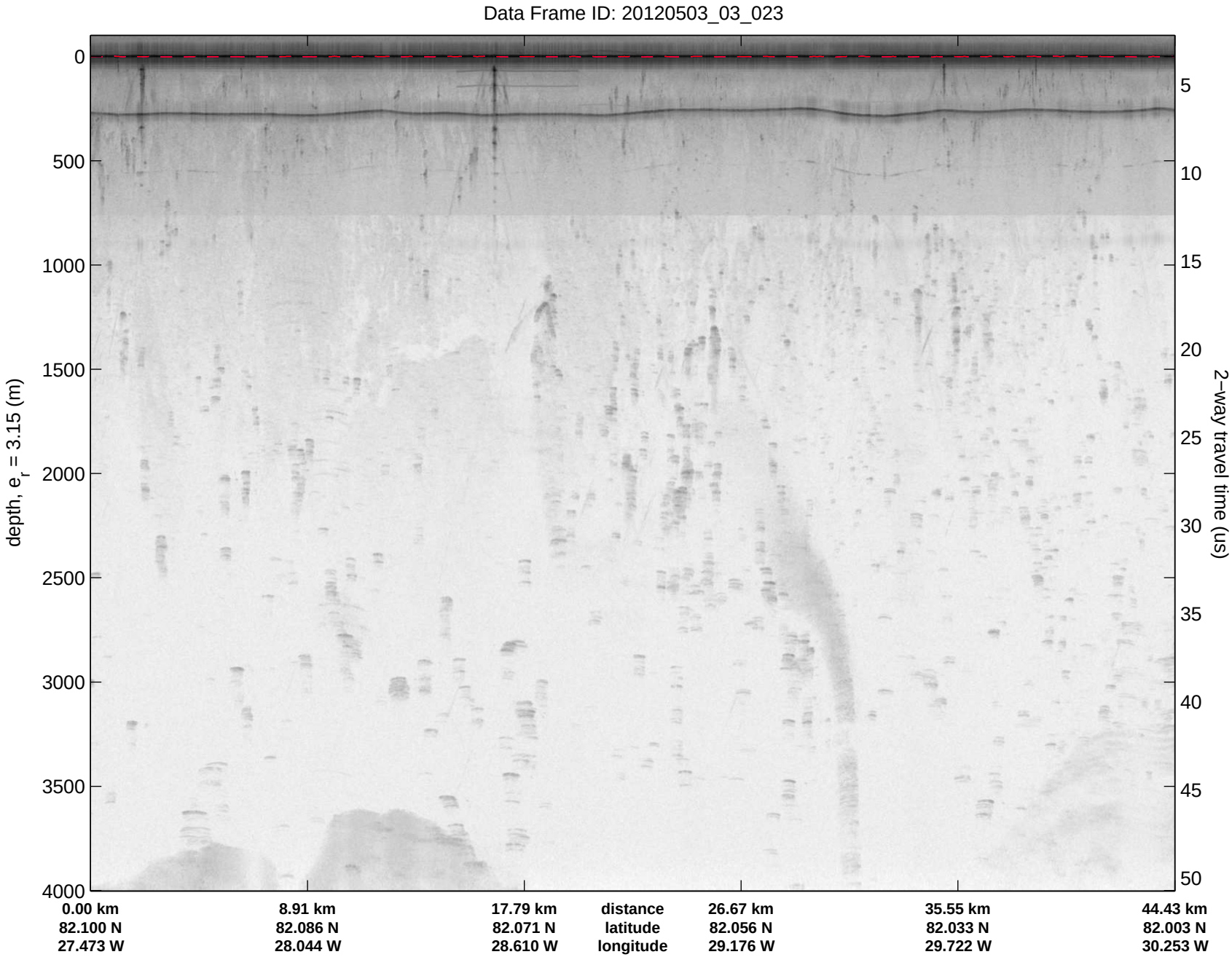

Data Frame ID: 20120503_03_022
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.133 N
25.848 W
7.05 km
82.074 N
25.905 W
14.10 km
82.062 N
26.326 W
distance
latitude
longitude
21.12 km
82.096 N
26.708 W
28.17 km
82.108 N
27.148 W
35.19 km
82.097 N
27.598 W

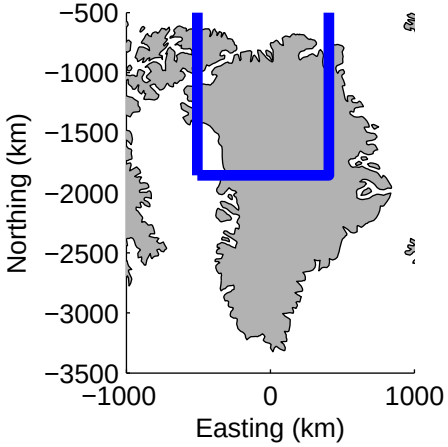

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

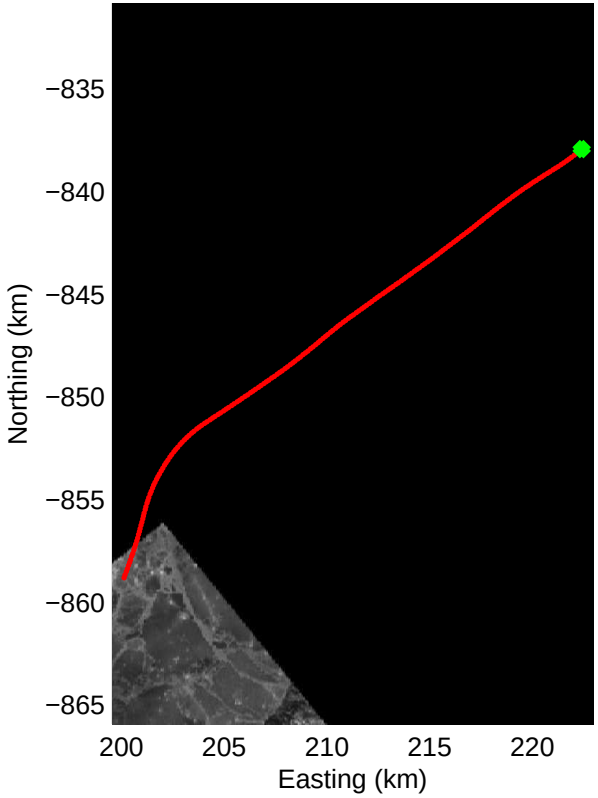

−800
−810
−820
−830
−840
−850
Northing (km)
220
230
240
250
Easting (km)

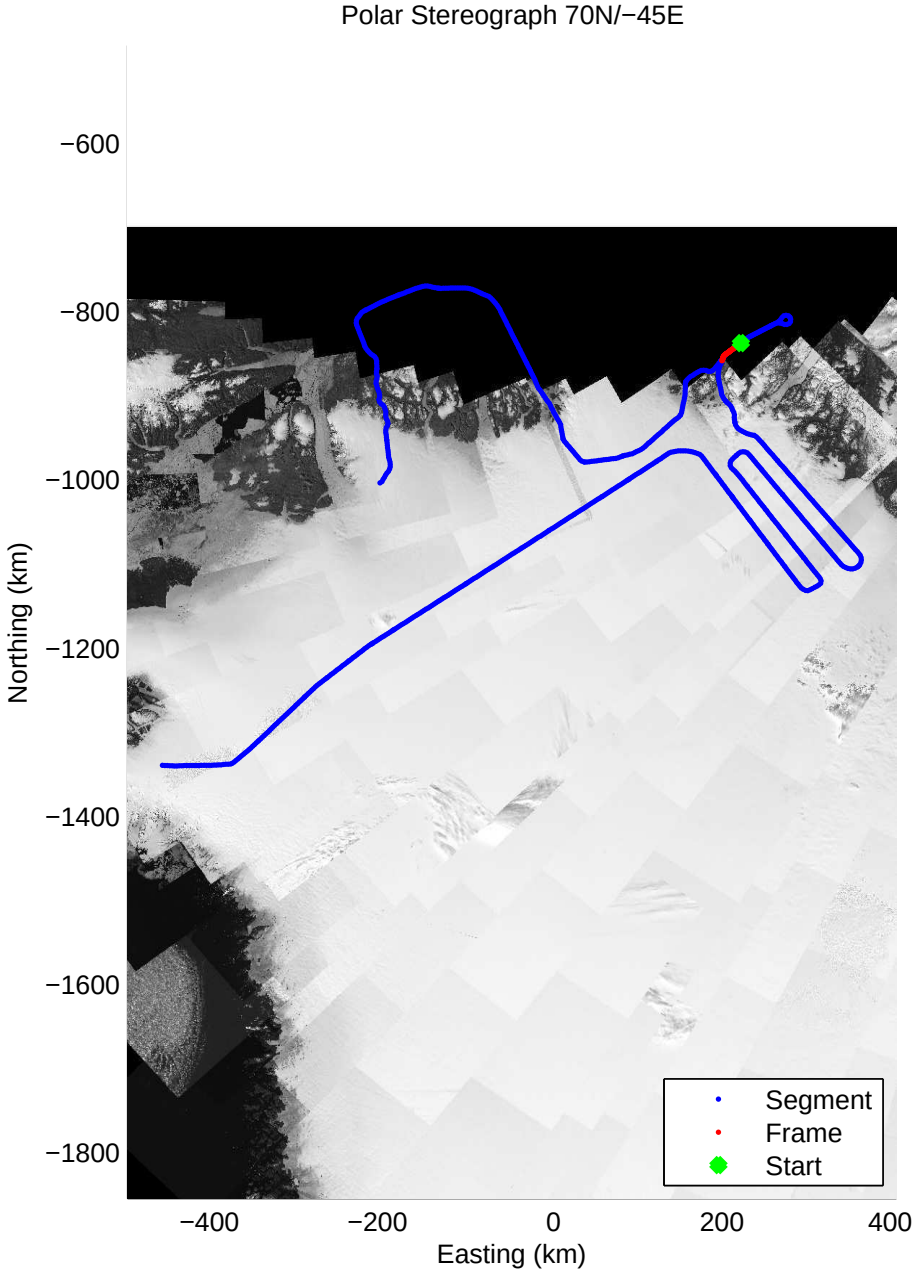

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start


Data Frame ID: 20120503_03_023
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.100 N
27.473 W
8.91 km
82.086 N
28.044 W
17.79 km
82.071 N
28.610 W
distance
latitude
longitude
26.67 km
82.056 N
29.176 W
35.55 km
82.033 N
29.722 W
44.43 km
82.003 N
30.253 W

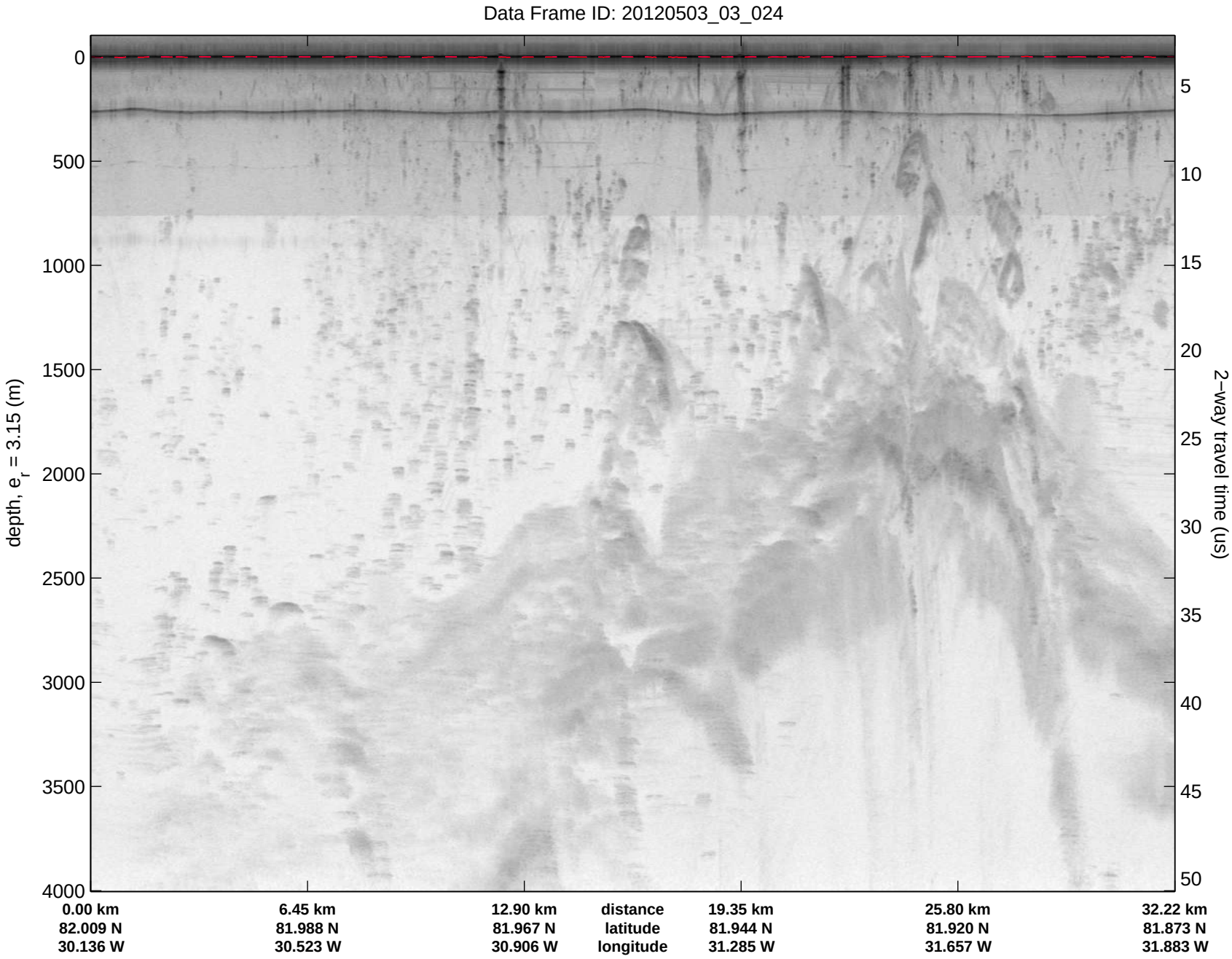

Data Frame ID: 20120503_03_023
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.100 N
27.473 W
8.91 km
82.086 N
28.044 W
17.79 km
82.071 N
28.610 W
distance
latitude
longitude
26.67 km
82.056 N
29.176 W
35.55 km
82.033 N
29.722 W
44.43 km
82.003 N
30.253 W

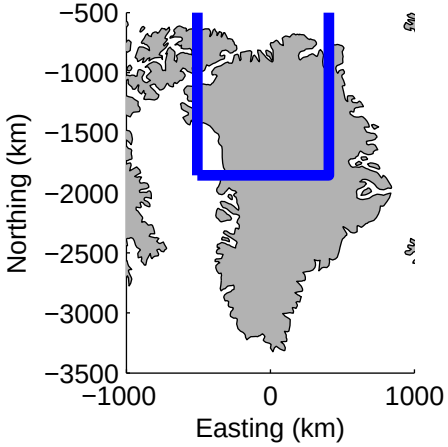

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

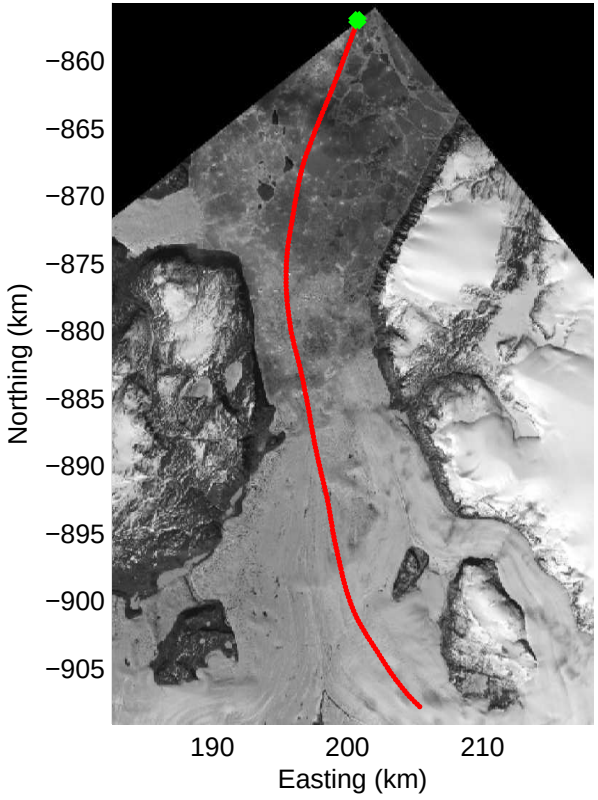

−835
−840
−845
−850
−855
−860
−865
Northing (km)
200
205
210
215
220
Easting (km)

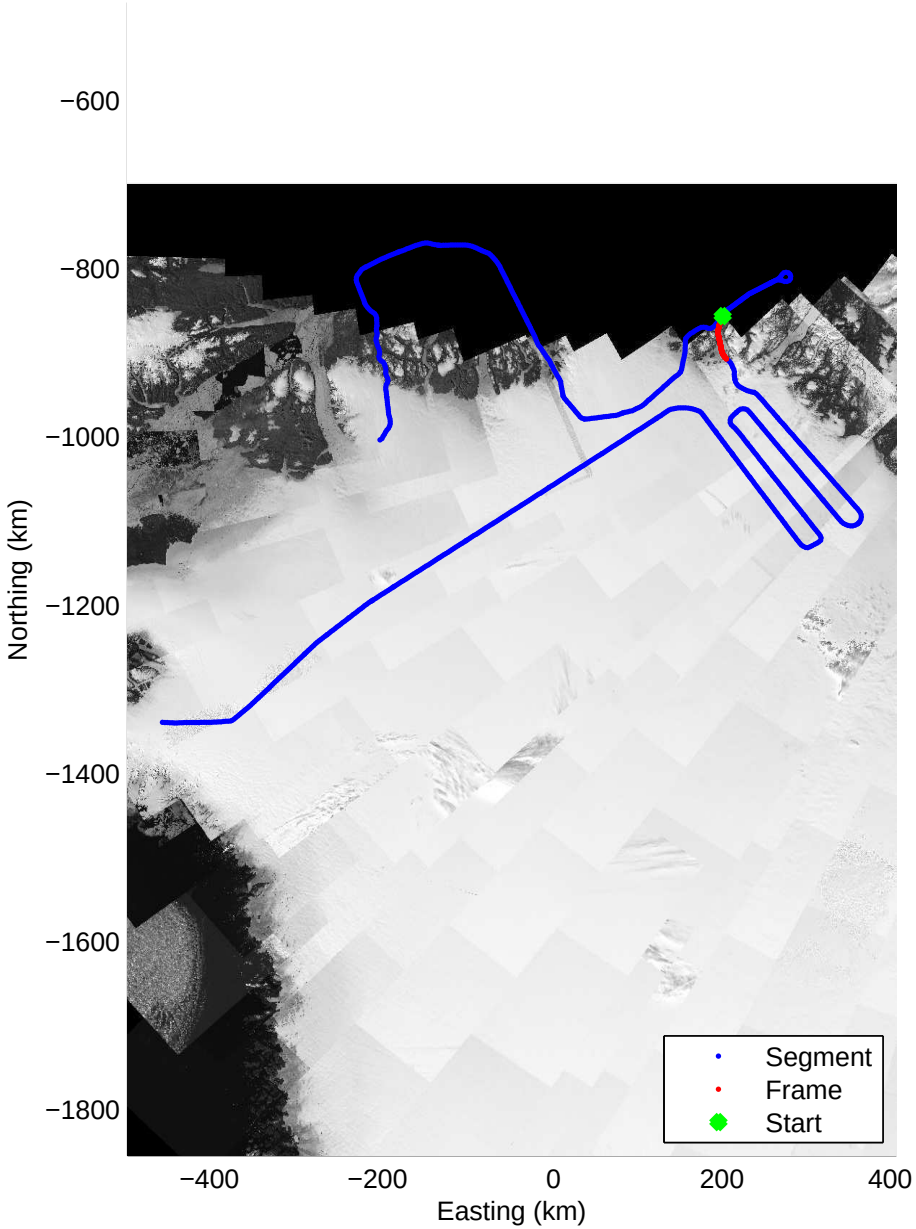

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

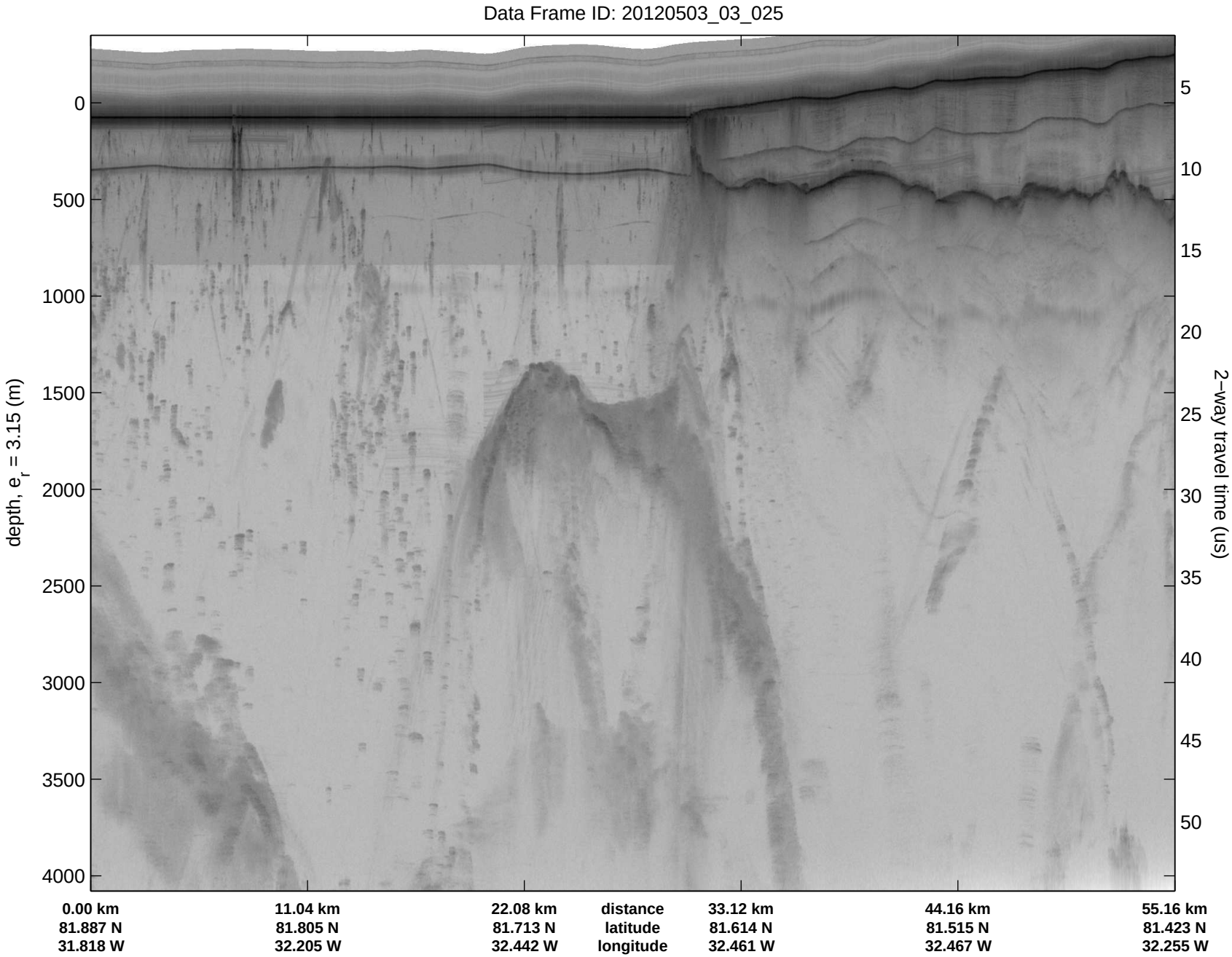
Data Frame ID: 20120503_03_024
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.009 N
30.136 W
6.45 km
81.988 N
30.523 W
12.90 km
81.967 N
30.906 W
distance
latitude
longitude
19.35 km
81.944 N
31.285 W
25.80 km
81.920 N
31.657 W
32.22 km
81.873 N
31.883 W

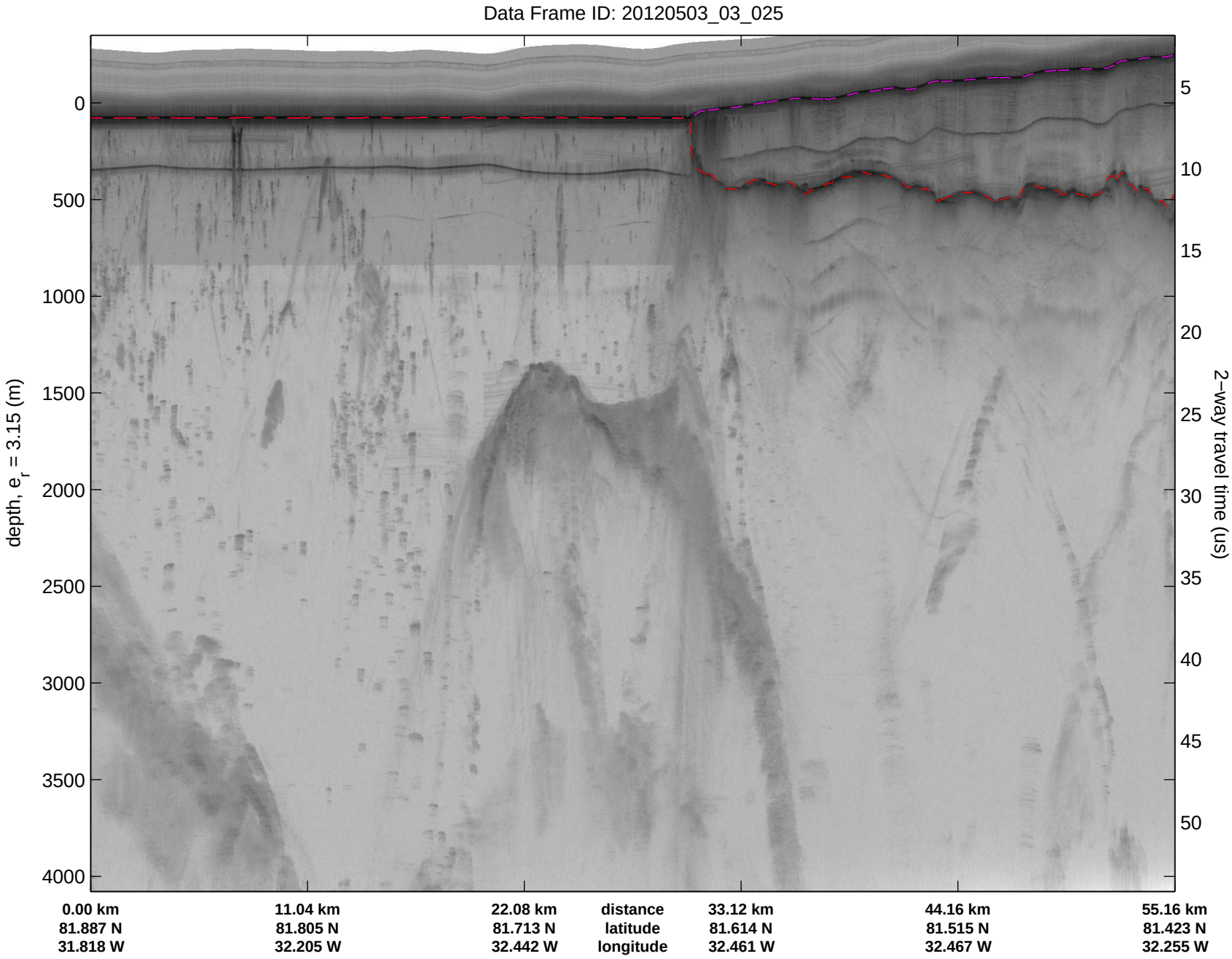

Data Frame ID: 20120503_03_024
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
82.009 N
30.136 W
6.45 km
81.988 N
30.523 W
12.90 km
81.967 N
30.906 W
distance
latitude
longitude
19.35 km
81.944 N
31.285 W
25.80 km
81.920 N
31.657 W
32.22 km
81.873 N
31.883 W

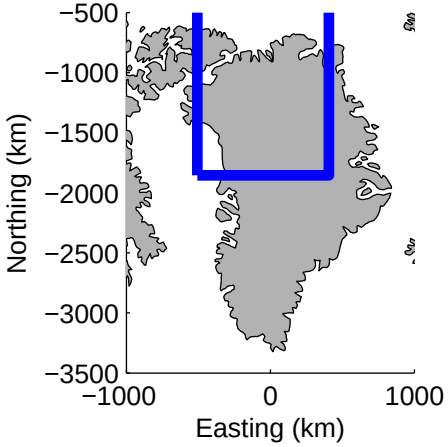

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

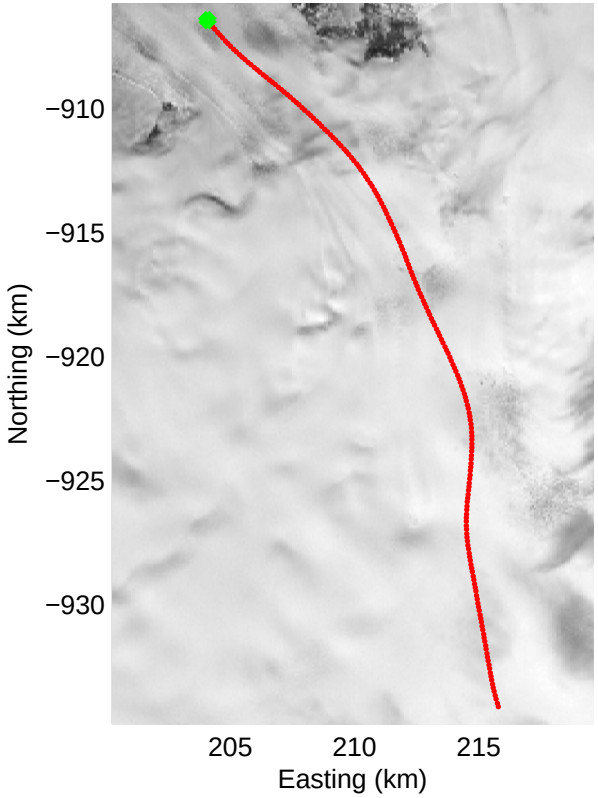

−860
−865
−870
−875
−880
−885
−890
−895
−900
−905
Northing (km)
190
200
210
Easting (km)

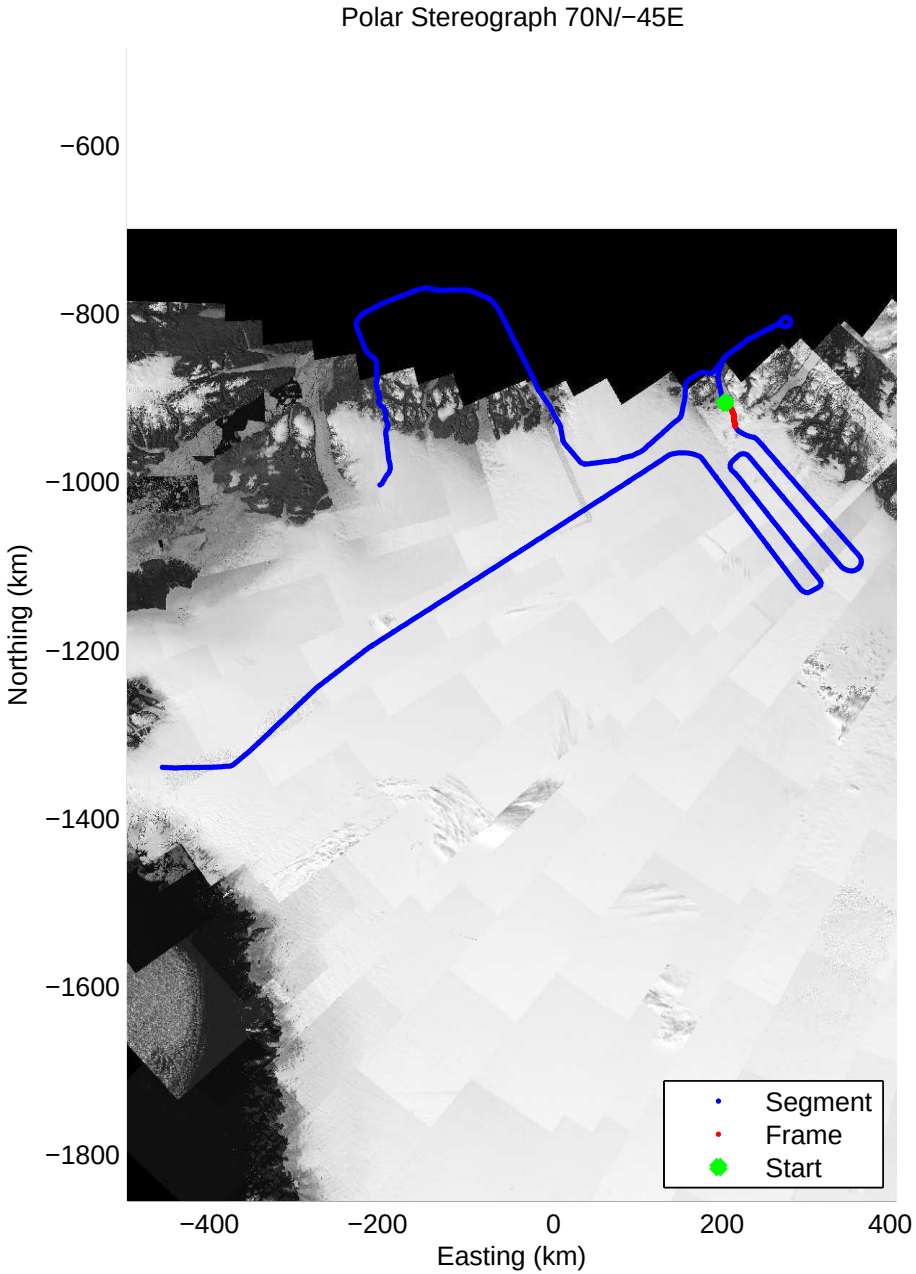

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

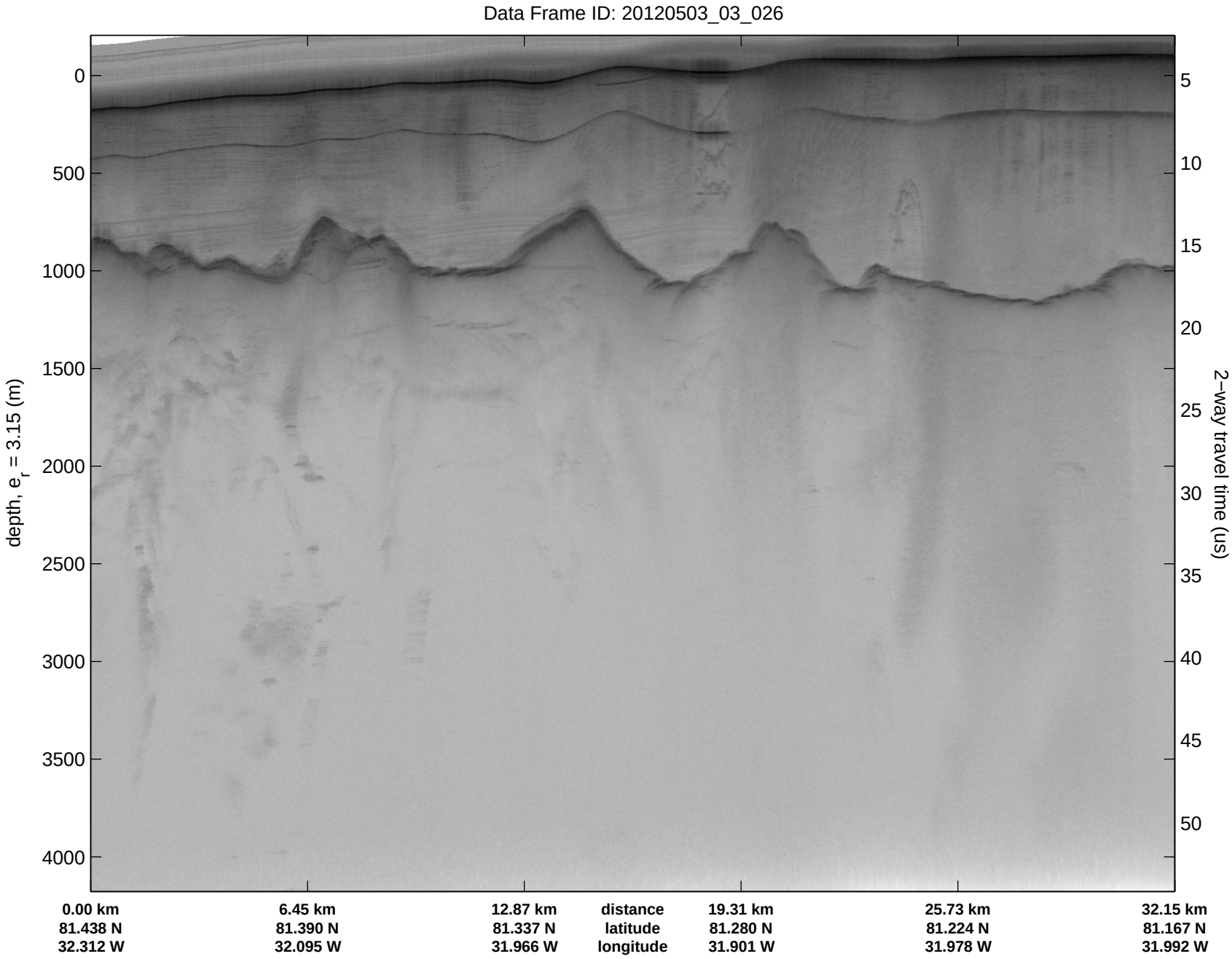

Data Frame ID: 20120503_03_025
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.887 N
31.818 W
11.04 km
81.805 N
32.205 W
22.08 km
81.713 N
32.442 W
distance
latitude
longitude
33.12 km
81.614 N
32.461 W
44.16 km
81.515 N
32.467 W
55.16 km
81.423 N
32.255 W

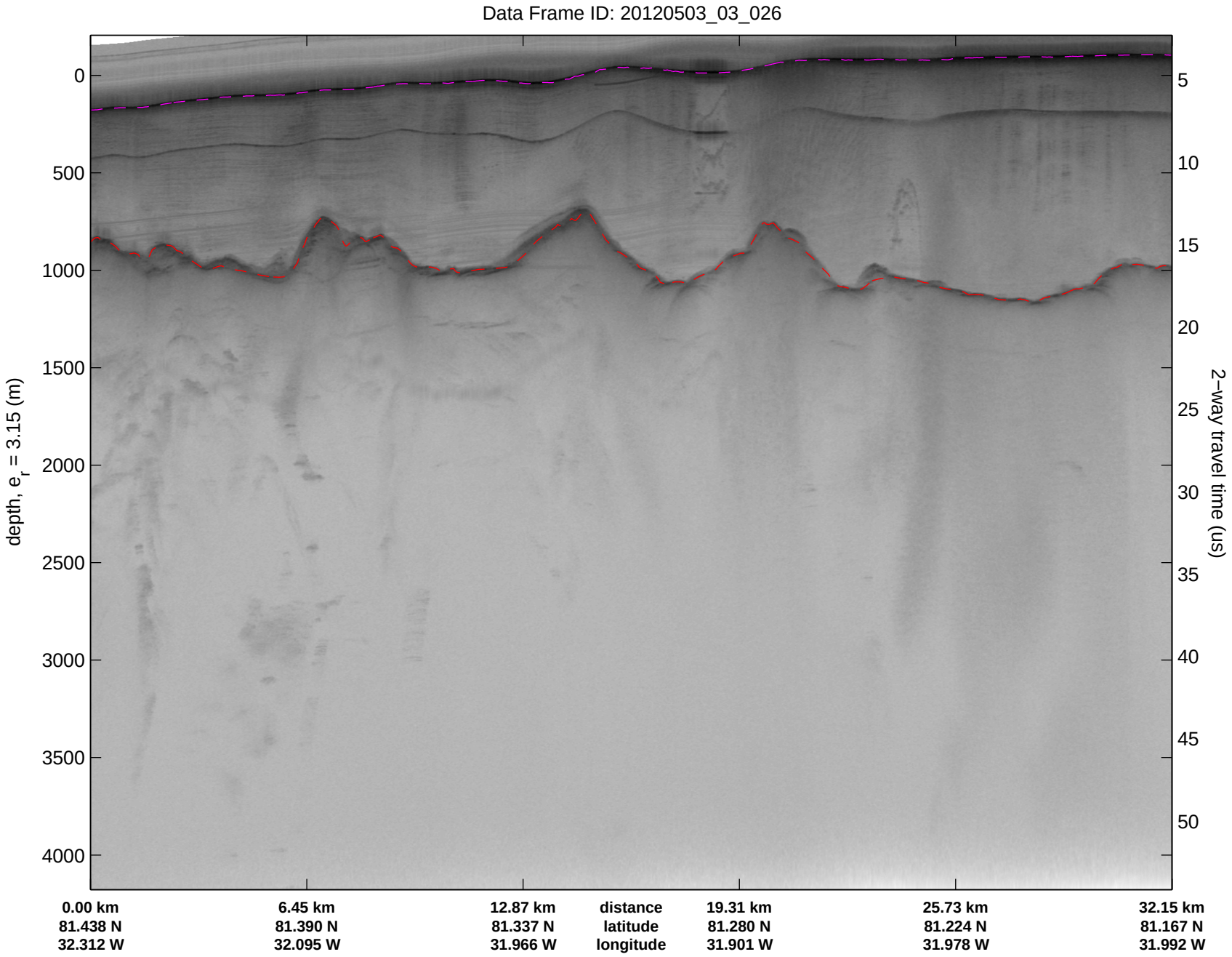

Data Frame ID: 20120503_03_025
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.887 N
31.818 W
11.04 km
81.805 N
32.205 W
22.08 km
81.713 N
32.442 W
distance
latitude
longitude
33.12 km
81.614 N
32.461 W
44.16 km
81.515 N
32.467 W
55.16 km
81.423 N
32.255 W

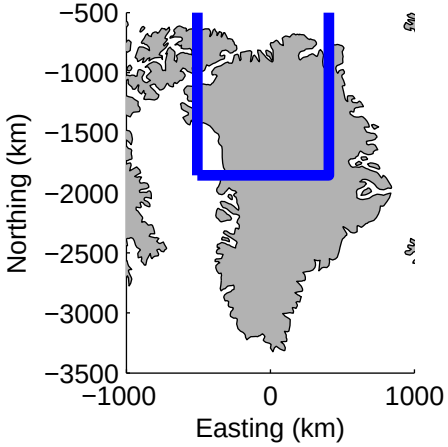

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

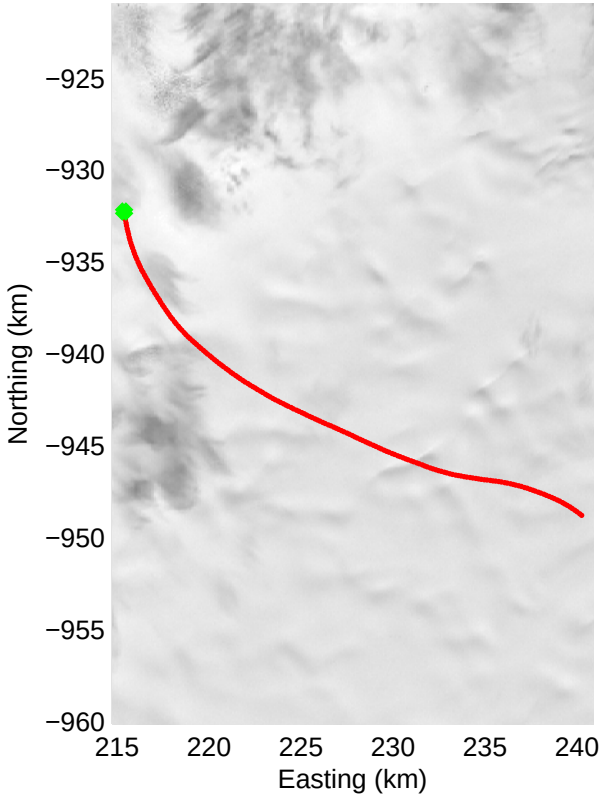

−910
−915
−920
−925
−930
Northing (km)
205
210
215
Easting (km)

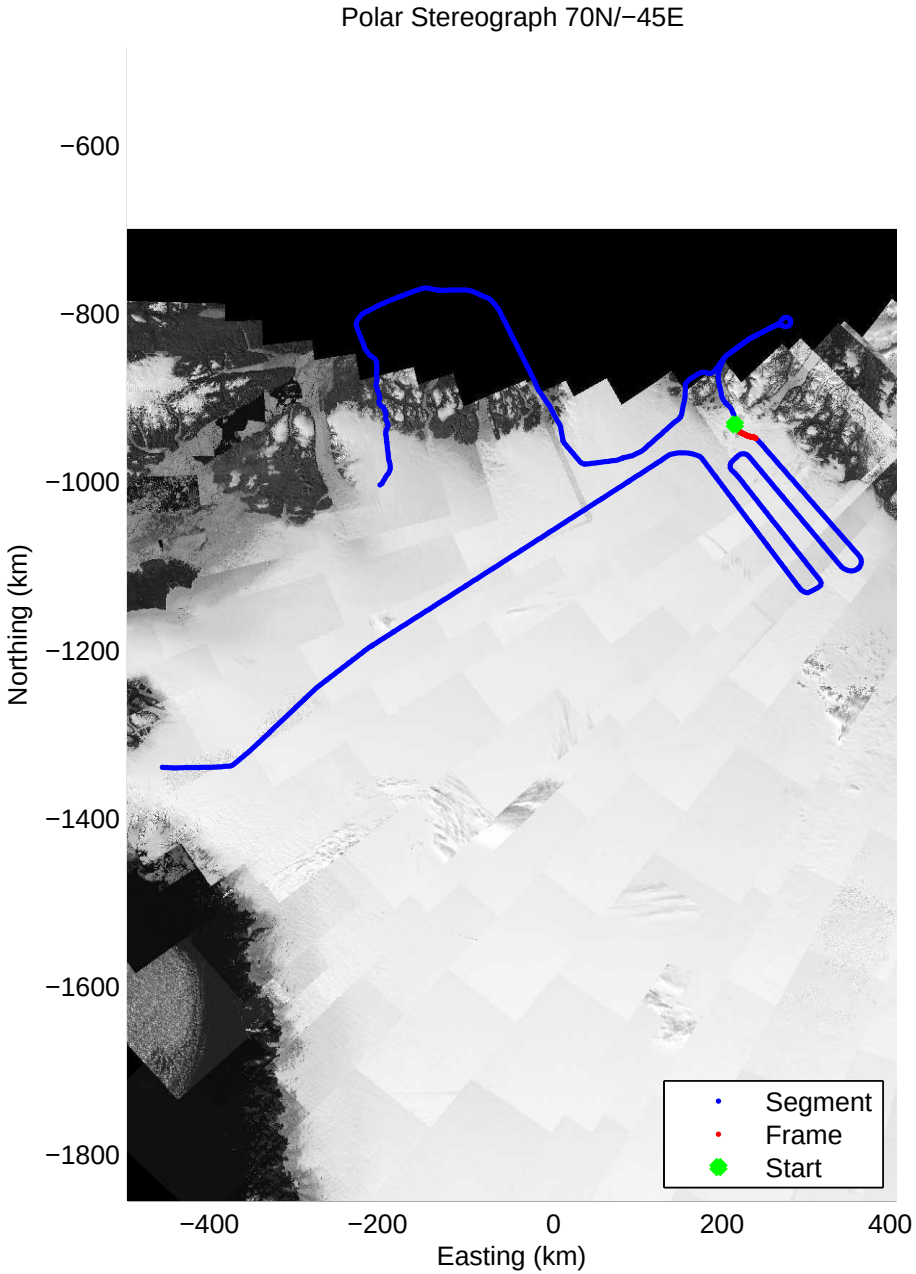

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

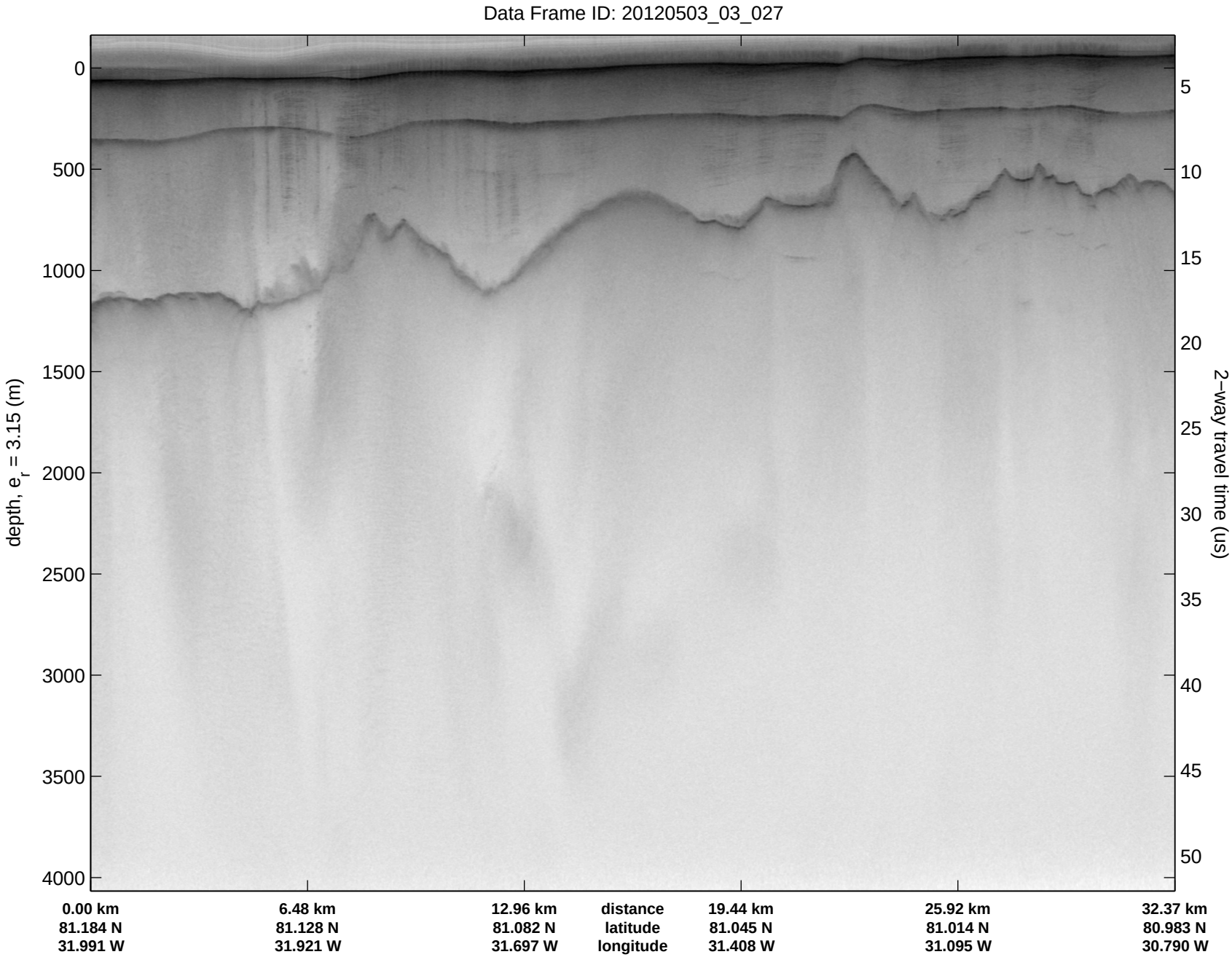

Data Frame ID: 20120503_03_026
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.438 N
32.312 W
6.45 km
81.390 N
32.095 W
12.87 km
81.337 N
31.966 W
distance
latitude
longitude
19.31 km
81.280 N
31.901 W
25.73 km
81.224 N
31.978 W
32.15 km
81.167 N
31.992 W

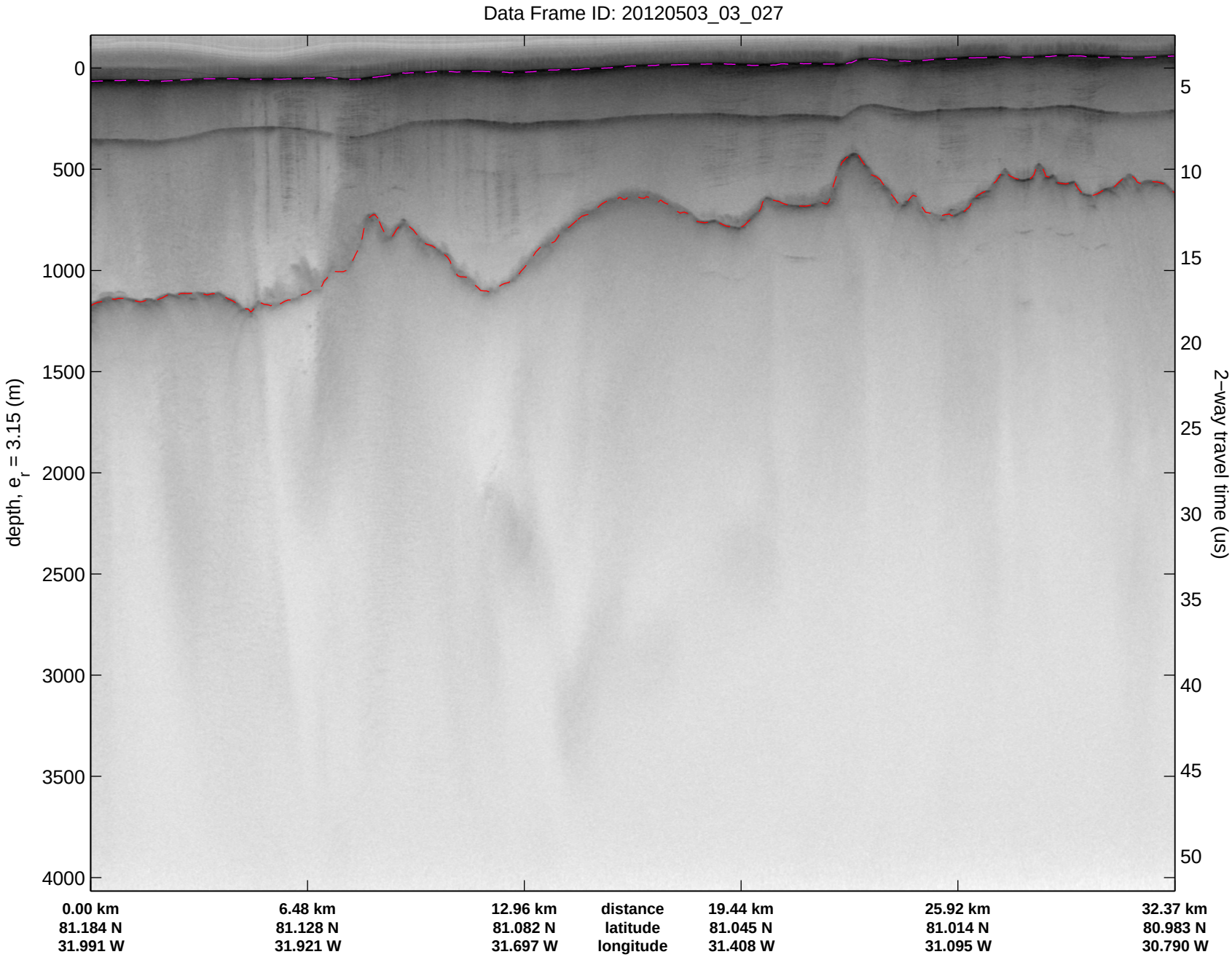

Data Frame ID: 20120503_03_026
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.438 N
32.312 W
6.45 km
81.390 N
32.095 W
12.87 km
81.337 N
31.966 W
distance
latitude
longitude
19.31 km
81.280 N
31.901 W
25.73 km
81.224 N
31.978 W
32.15 km
81.167 N
31.992 W

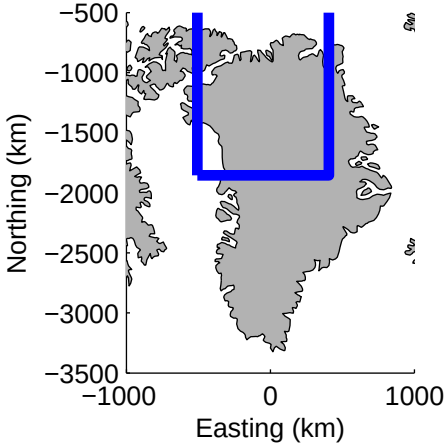

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

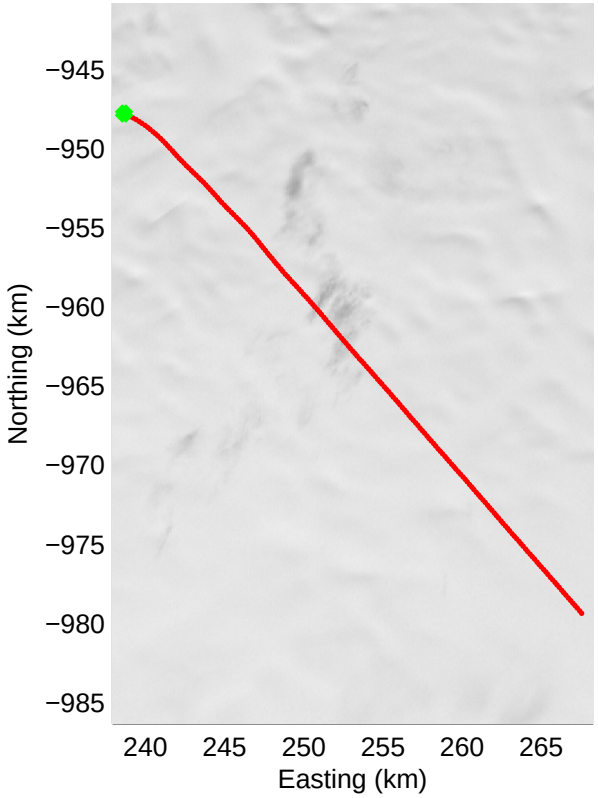

−925
−930
−935
−940
−945
−950
−955
−960
Northing (km)
215
220
225
230
235
240
Easting (km)

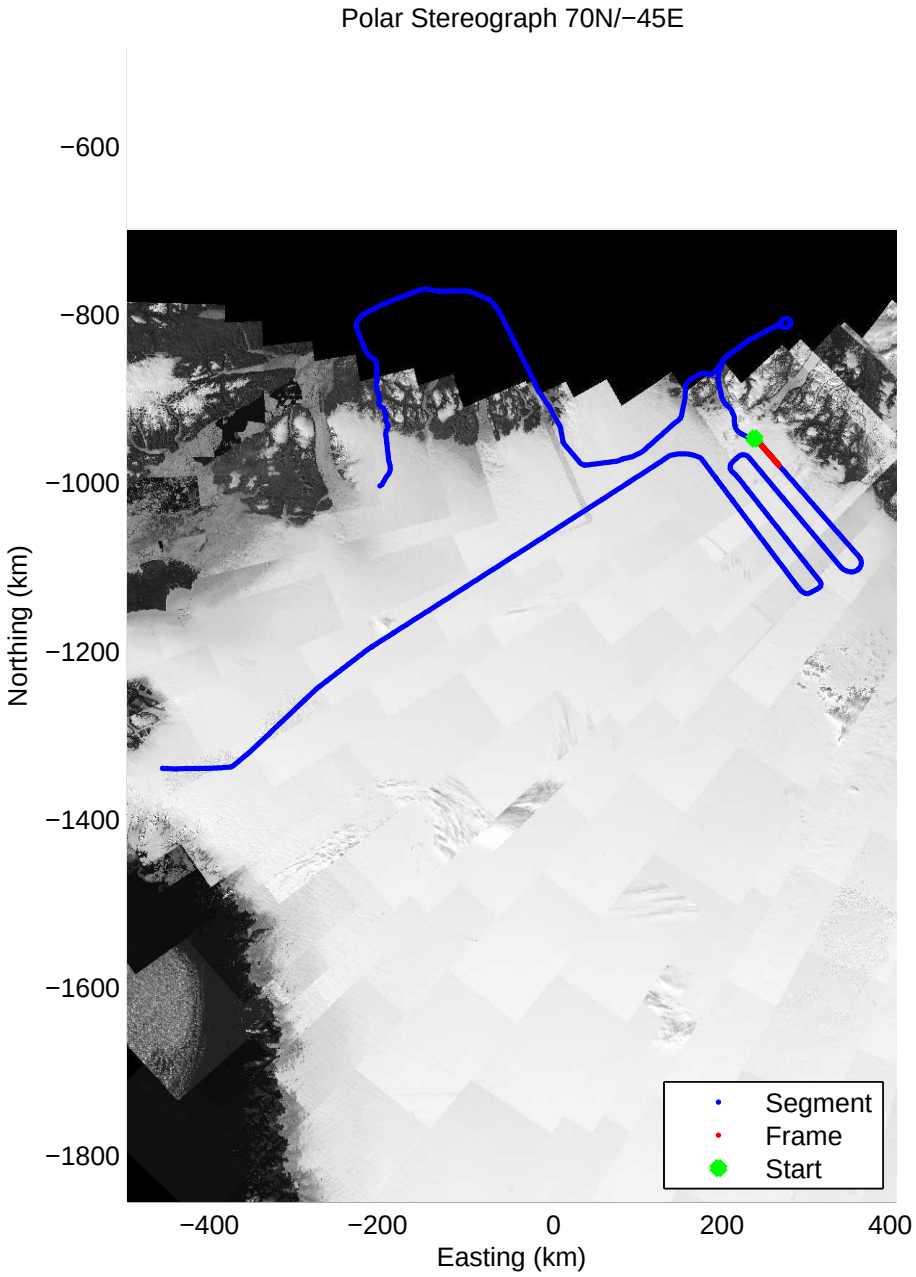

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

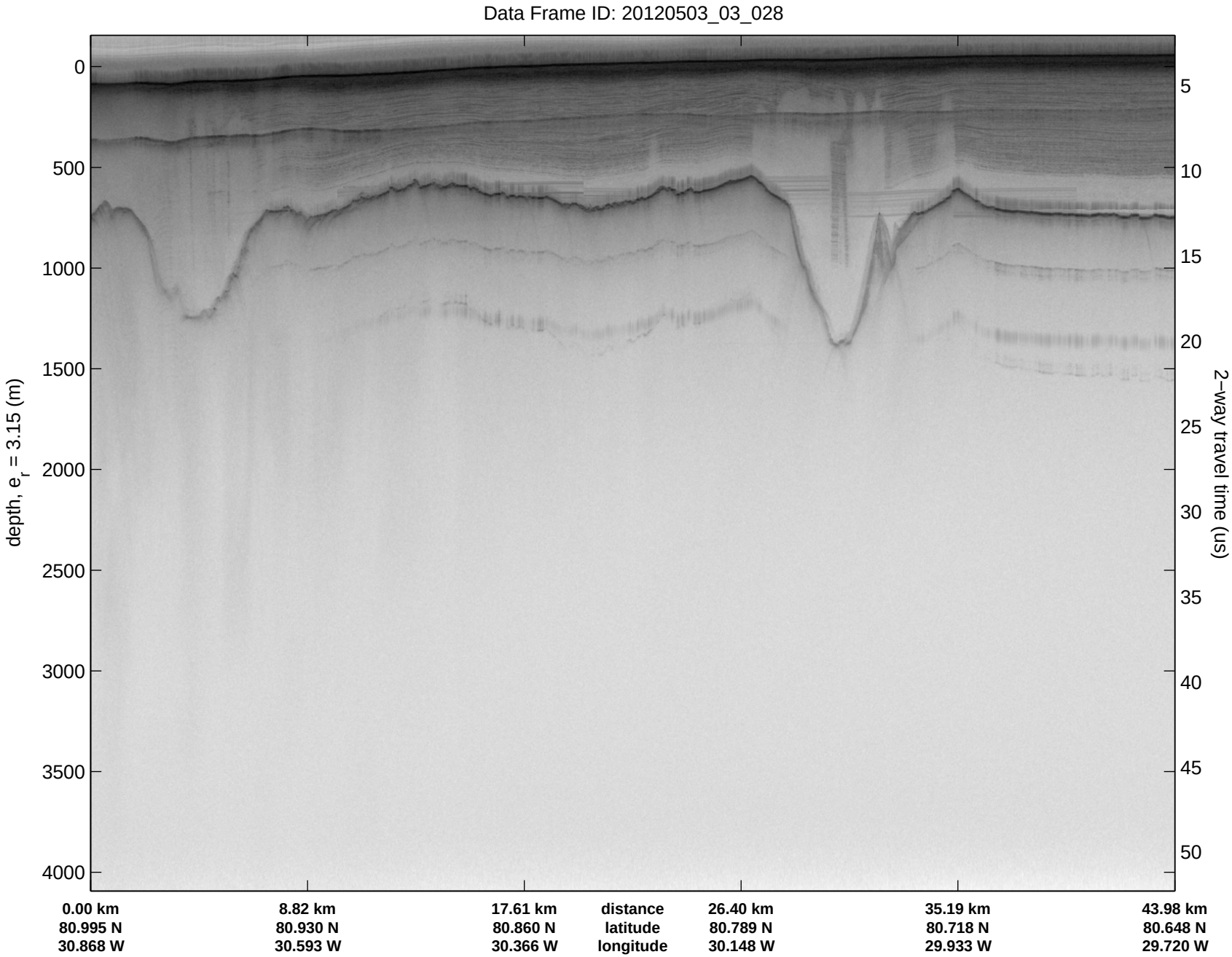

Data Frame ID: 20120503_03_027
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.184 N
31.991 W
6.48 km
81.128 N
31.921 W
12.96 km
81.082 N
31.697 W
distance
latitude
longitude
19.44 km
81.045 N
31.408 W
25.92 km
81.014 N
31.095 W
32.37 km
80.983 N
30.790 W

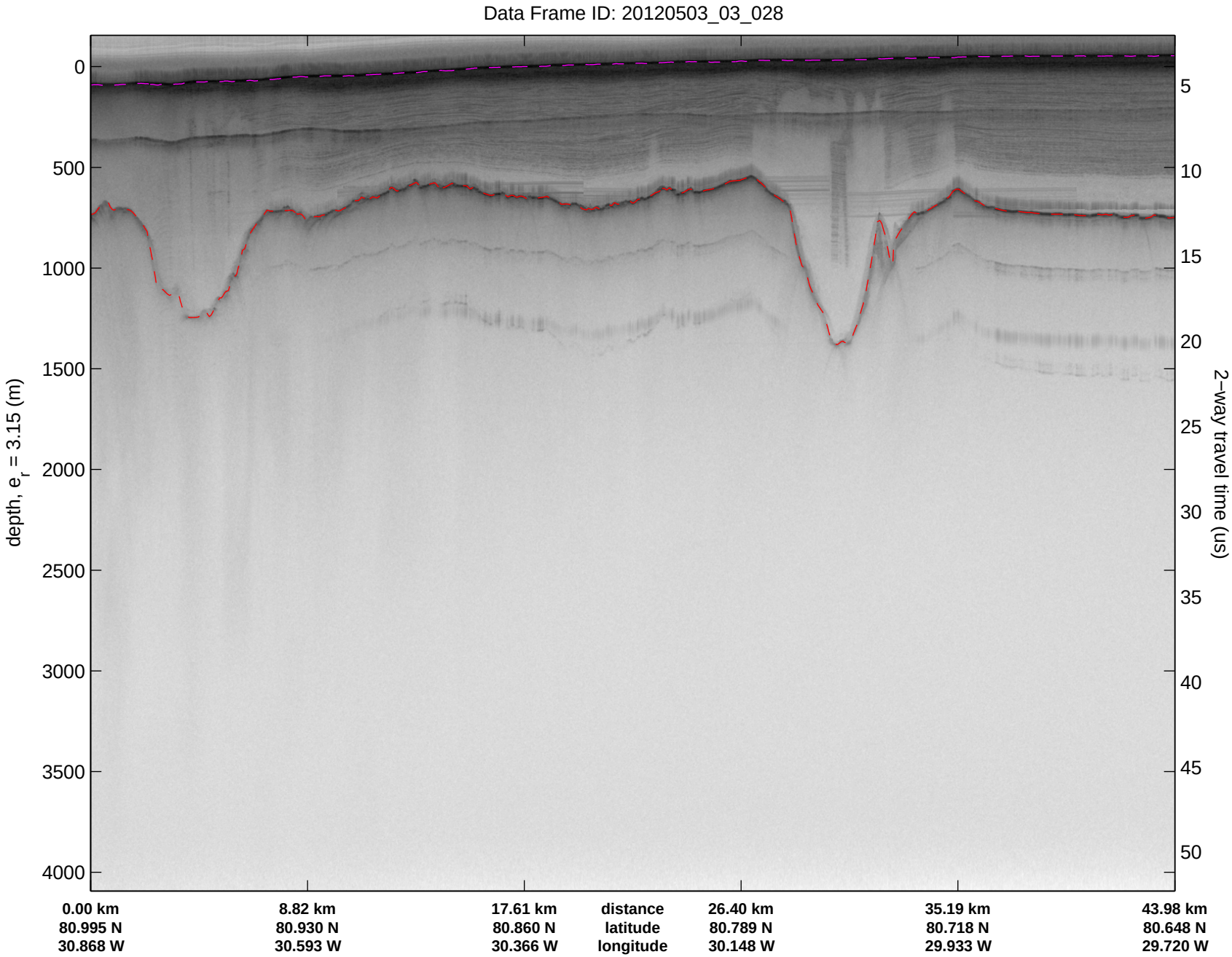

Data Frame ID: 20120503_03_027
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
81.184 N
31.991 W
6.48 km
81.128 N
31.921 W
12.96 km
81.082 N
31.697 W
distance
latitude
longitude
19.44 km
81.045 N
31.408 W
25.92 km
81.014 N
31.095 W
32.37 km
80.983 N
30.790 W

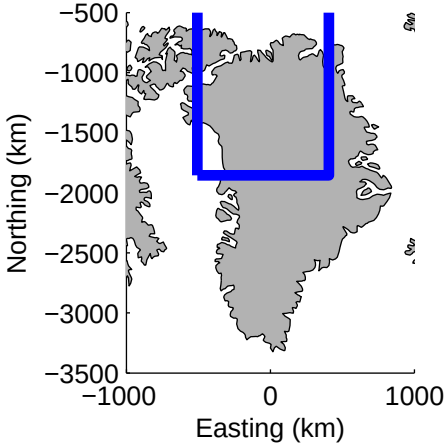

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

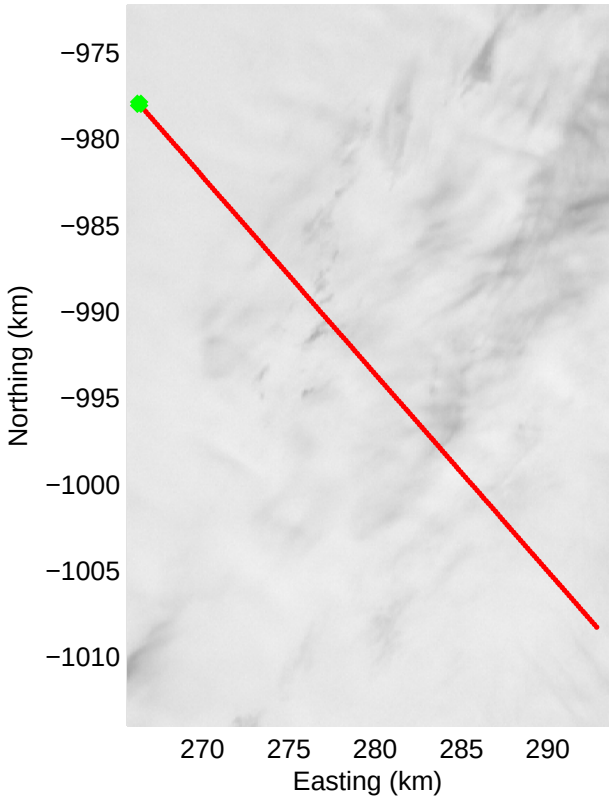

−945
−950
−955
−960
−965
−970
−975
−980
−985
Northing (km)
240
245
250
255
260
265
Easting (km)

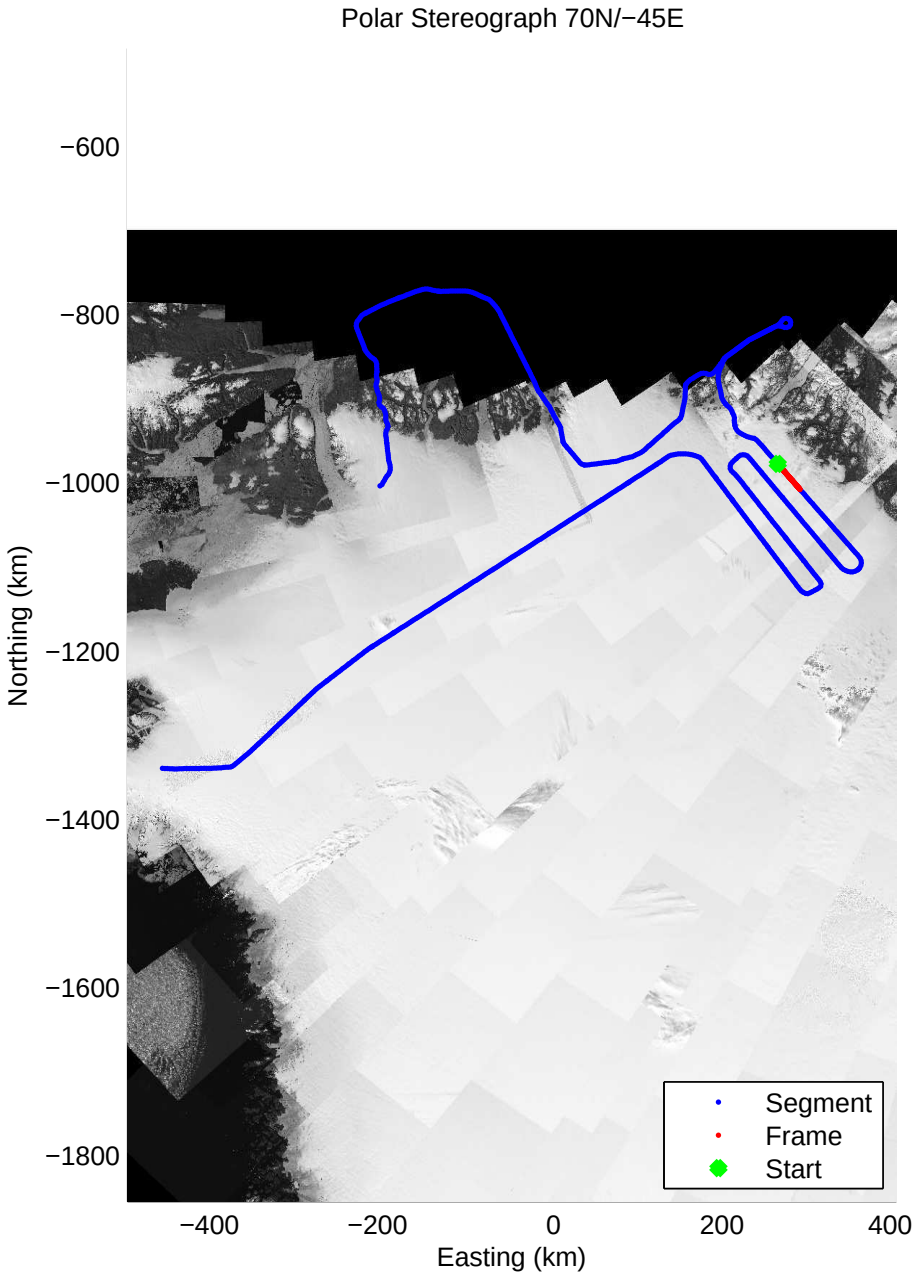

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

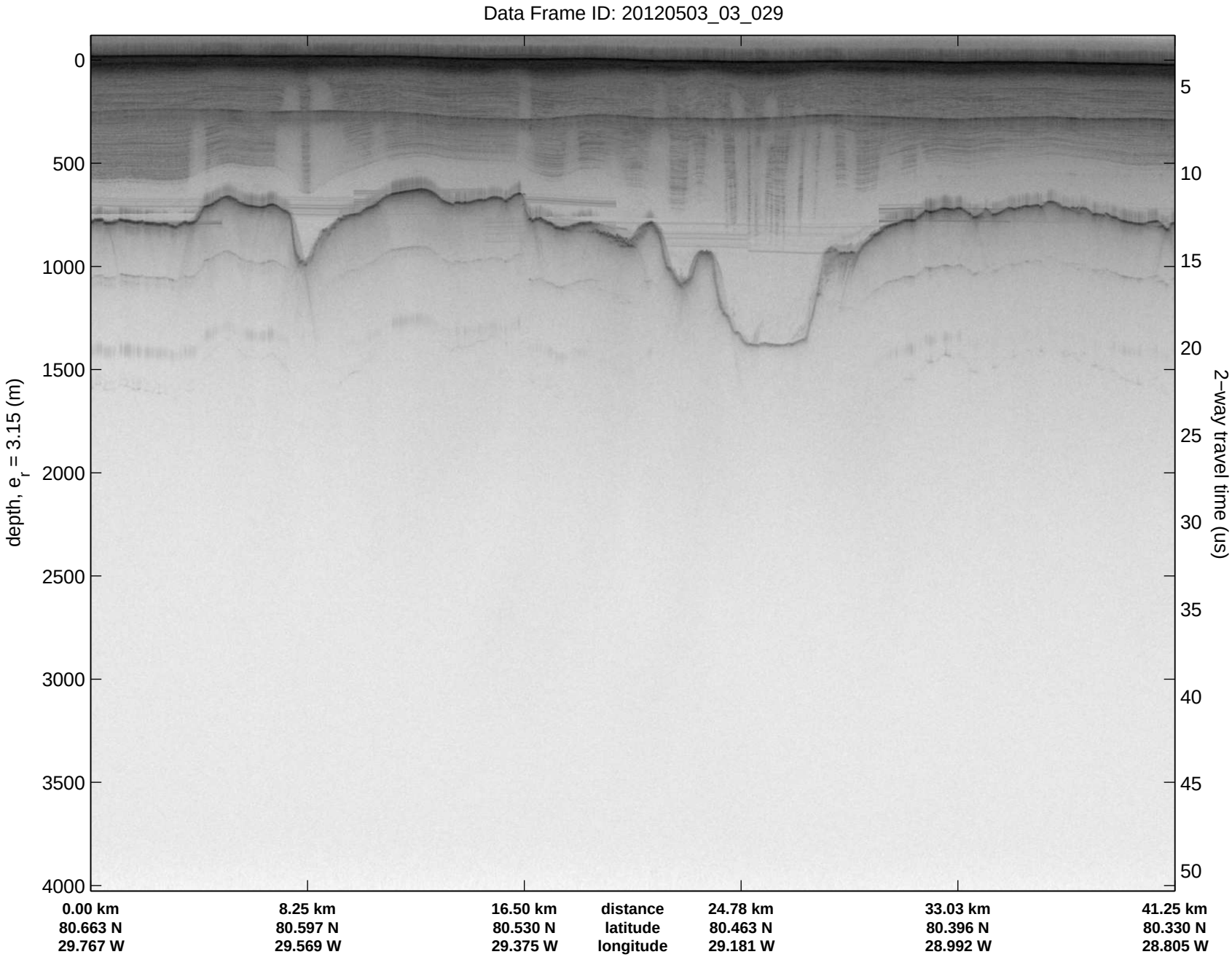

Data Frame ID: 20120503_03_028
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.995 N
30.868 W
8.82 km
80.930 N
30.593 W
17.61 km
80.860 N
30.366 W
distance
latitude
longitude
26.40 km
80.789 N
30.148 W
35.19 km
80.718 N
29.933 W
43.98 km
80.648 N
29.720 W

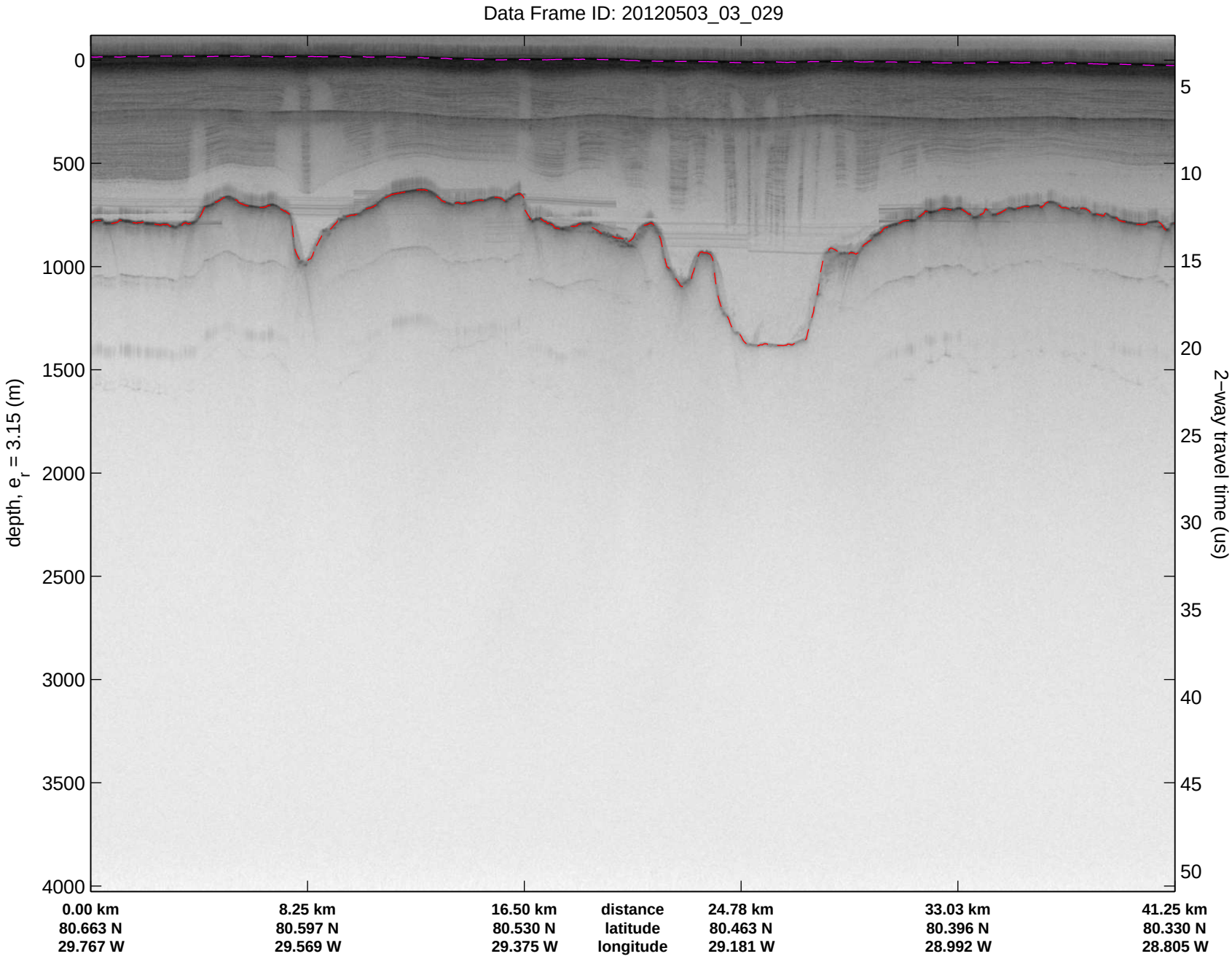

Data Frame ID: 20120503_03_028
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.995 N
30.868 W
8.82 km
80.930 N
30.593 W
17.61 km
80.860 N
30.366 W
distance
latitude
longitude
26.40 km
80.789 N
30.148 W
35.19 km
80.718 N
29.933 W
43.98 km
80.648 N
29.720 W

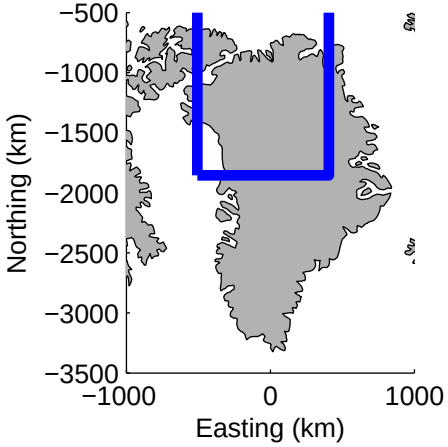

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

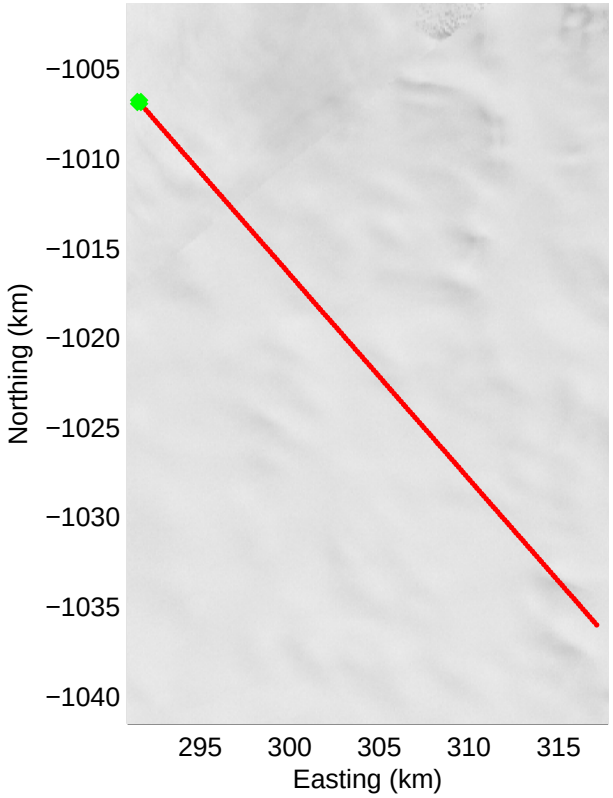

−975
−980
−985
−990
−995
−1000
−1005
−1010
Northing (km)
270
275
280
285
290
Easting (km)

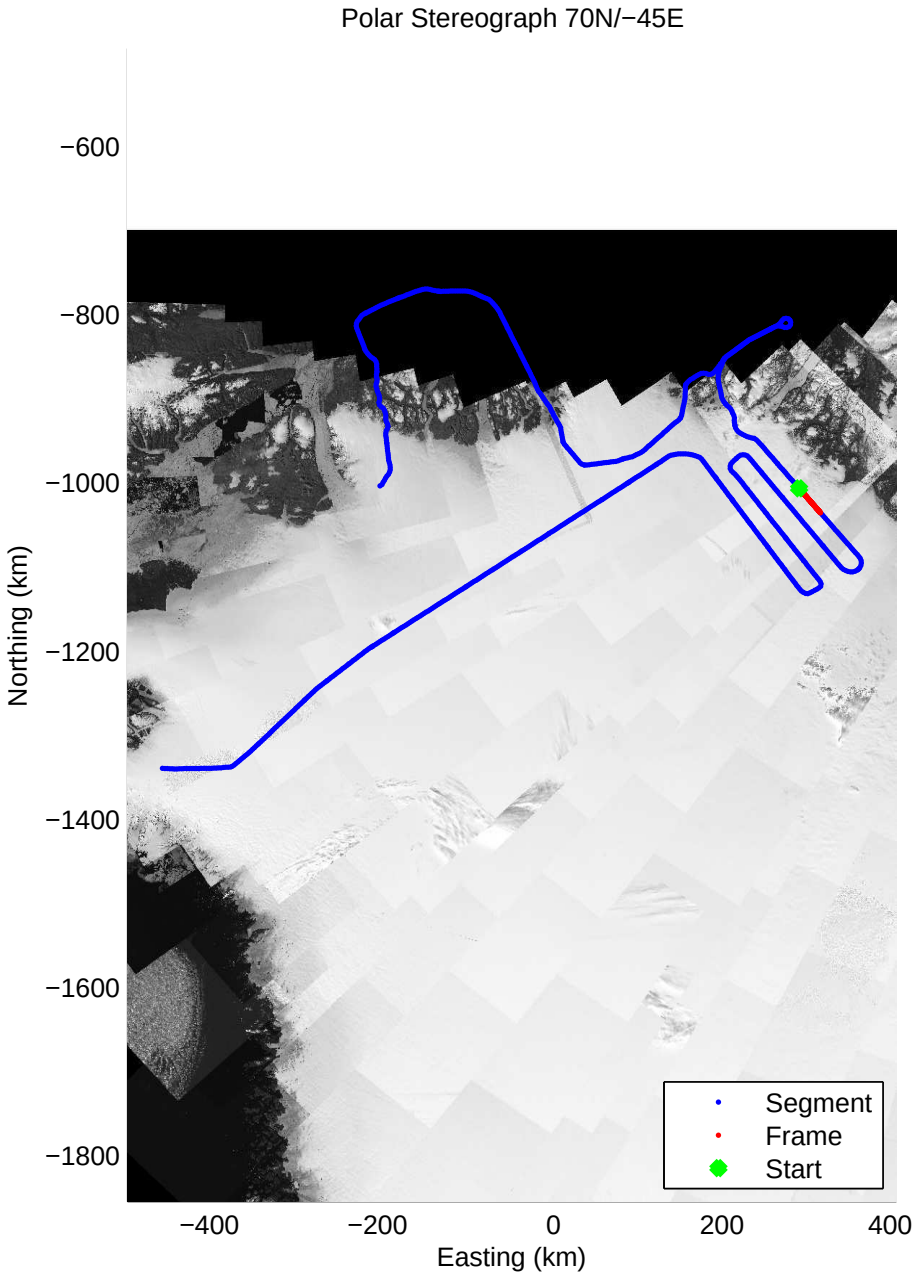

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

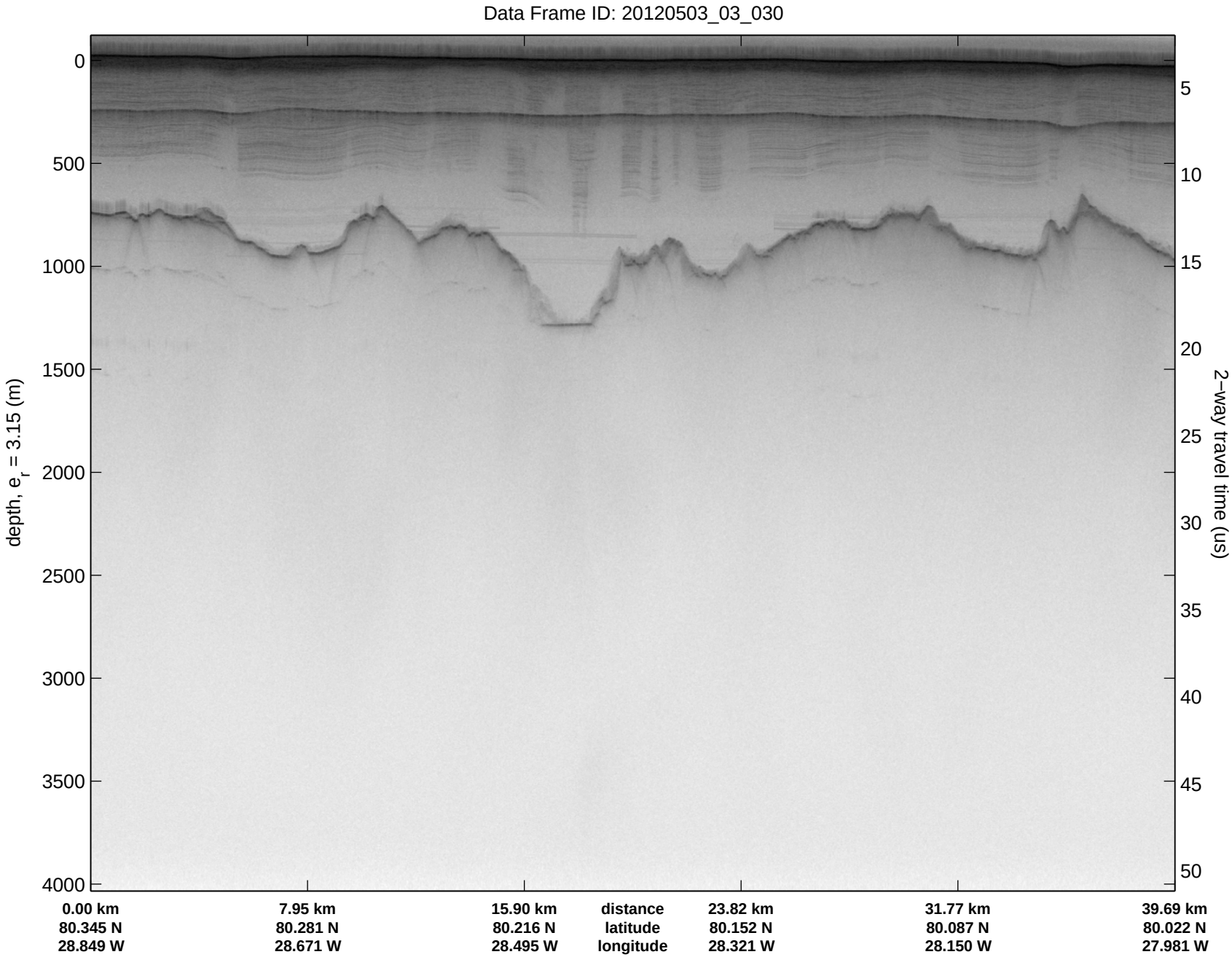

Data Frame ID: 20120503_03_029
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.663 N
29.767 W
8.25 km
80.597 N
29.569 W
16.50 km
80.530 N
29.375 W
distance
latitude
longitude
24.78 km
80.463 N
29.181 W
33.03 km
80.396 N
28.992 W
41.25 km
80.330 N
28.805 W

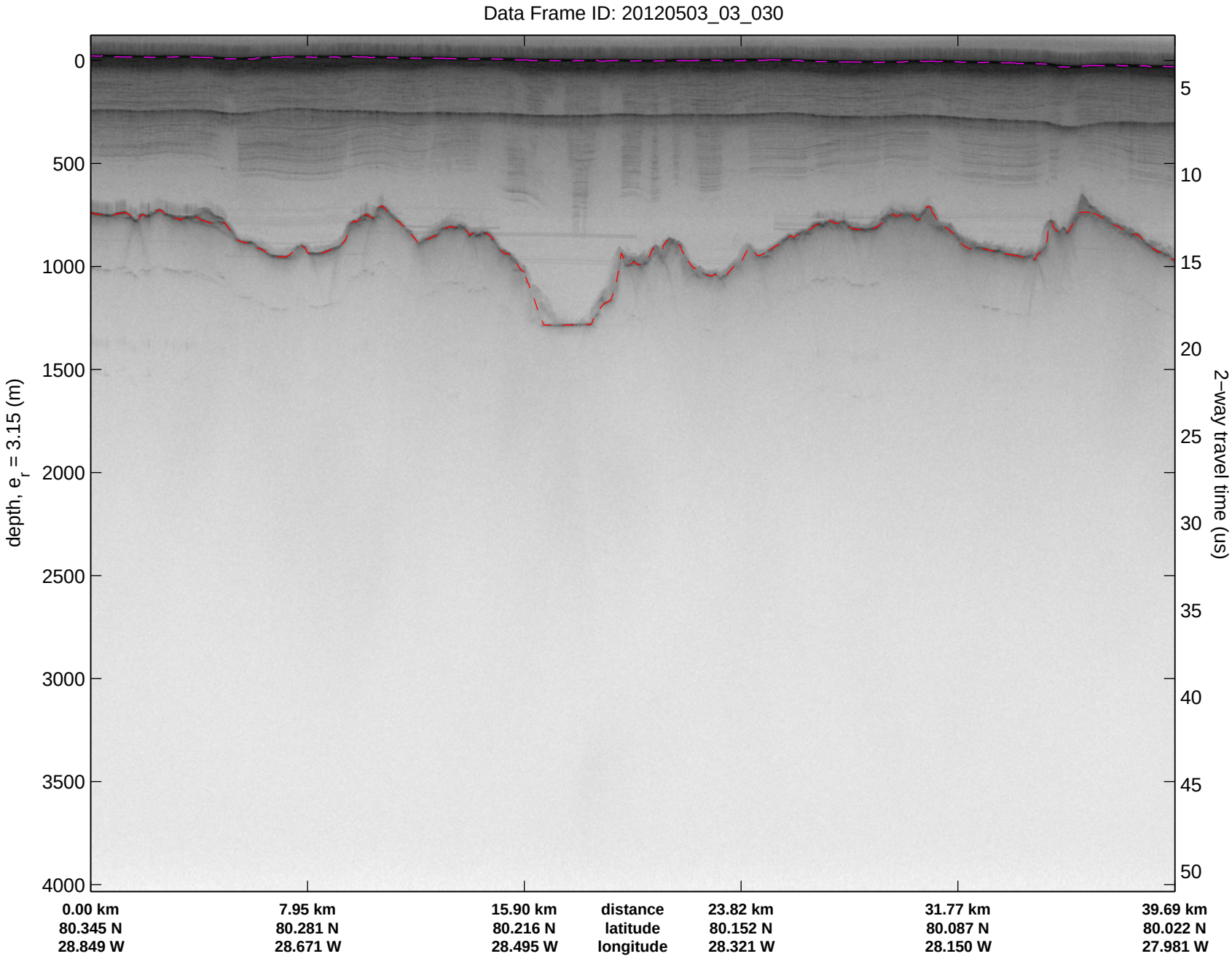

Data Frame ID: 20120503_03_029
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.663 N
29.767 W
8.25 km
80.597 N
29.569 W
16.50 km
80.530 N
29.375 W
distance
latitude
longitude
24.78 km
80.463 N
29.181 W
33.03 km
80.396 N
28.992 W
41.25 km
80.330 N
28.805 W

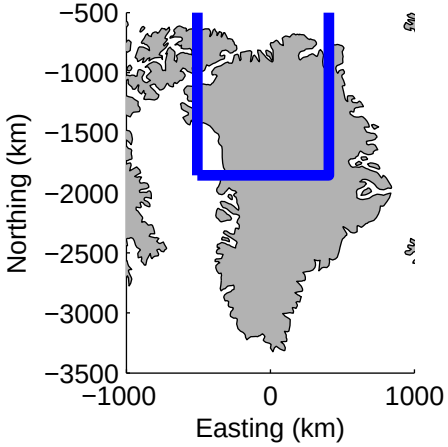

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

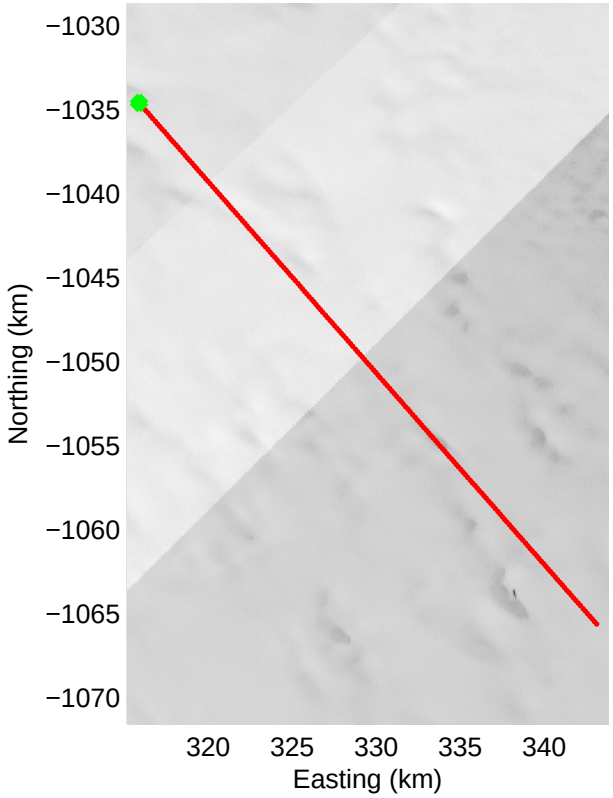

−1005
−1010
−1015
−1020
−1025
−1030
−1035
−1040
Northing (km)
295
300
305
310
315
Easting (km)

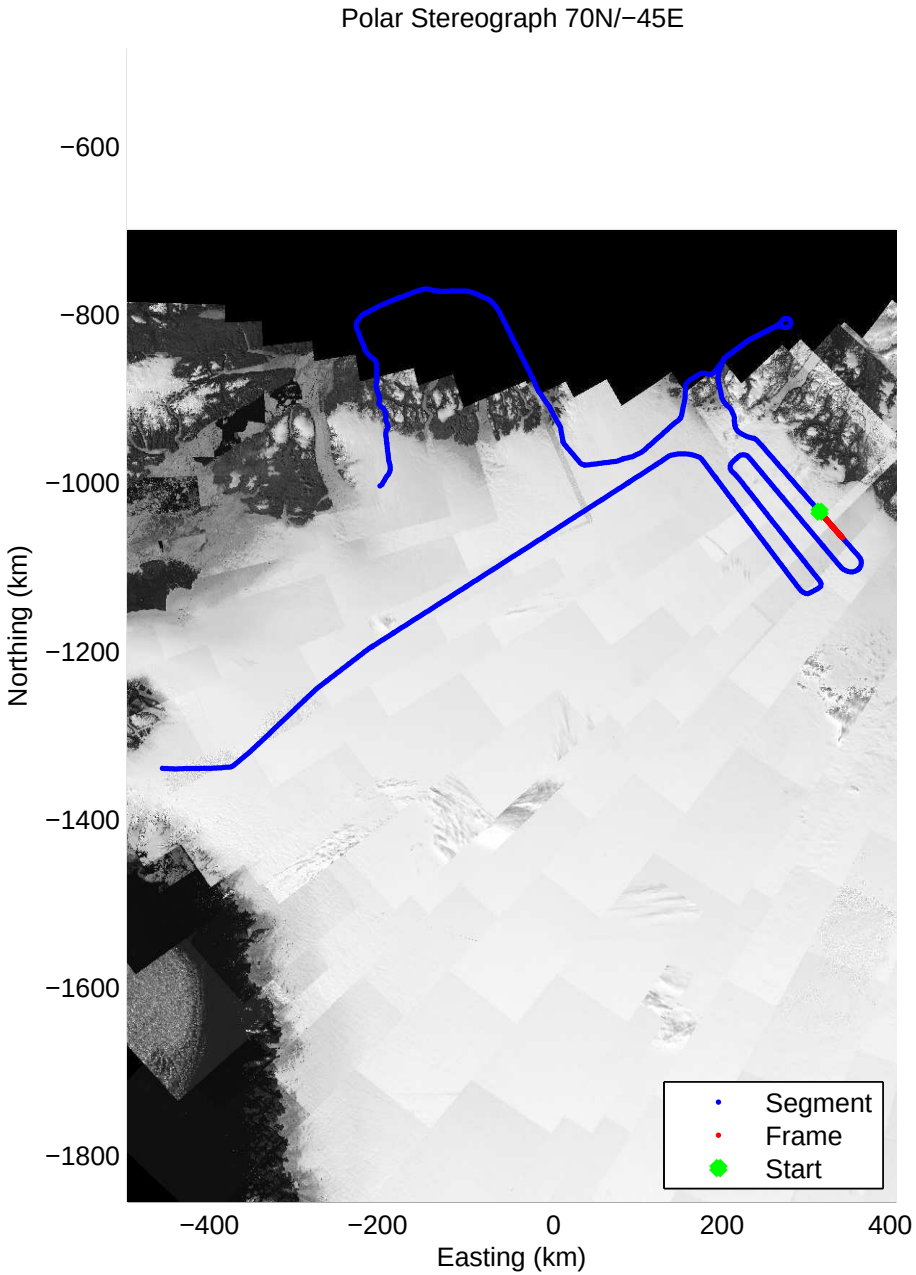

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

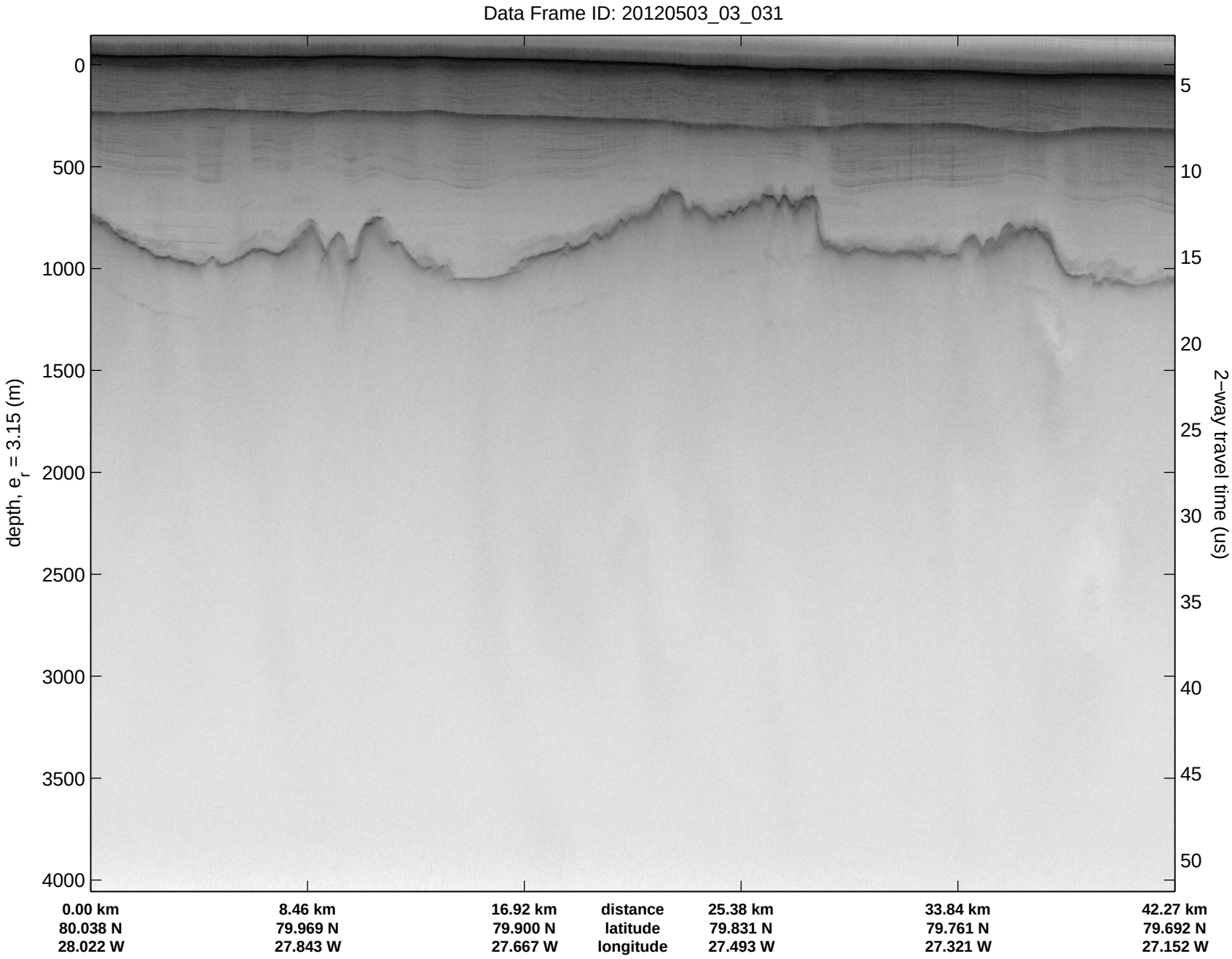

Data Frame ID: 20120503_03_030
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.345 N
28.849 W
7.95 km
80.281 N
28.671 W
15.90 km
80.216 N
28.495 W
distance
latitude
longitude
23.82 km
80.152 N
28.321 W
31.77 km
80.087 N
28.150 W
39.69 km
80.022 N
27.981 W

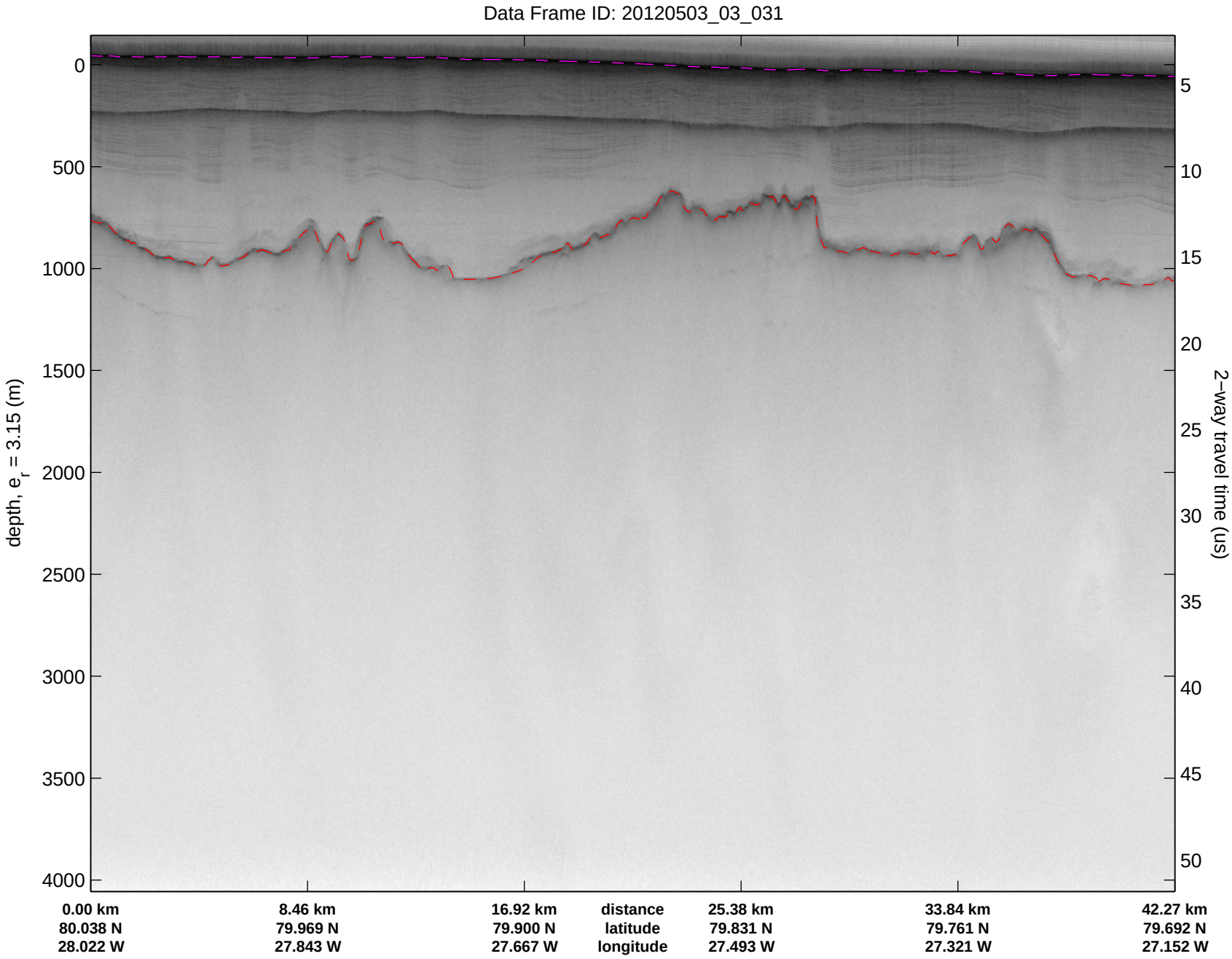

Data Frame ID: 20120503_03_030
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.345 N
28.849 W
7.95 km
80.281 N
28.671 W
15.90 km
80.216 N
28.495 W
distance
latitude
longitude
23.82 km
80.152 N
28.321 W
31.77 km
80.087 N
28.150 W
39.69 km
80.022 N
27.981 W

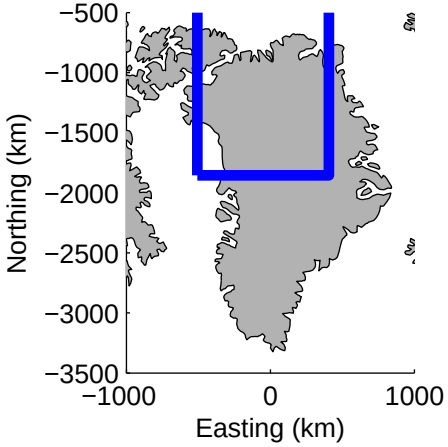

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

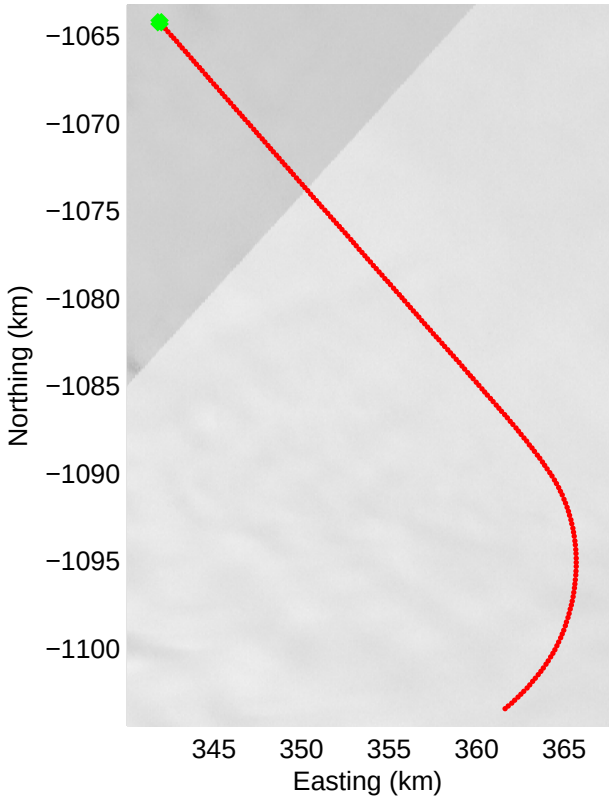

−1030
−1035
−1040
−1045
−1050
−1055
−1060
−1065
−1070
Northing (km)
320
325
330
335
340
Easting (km)

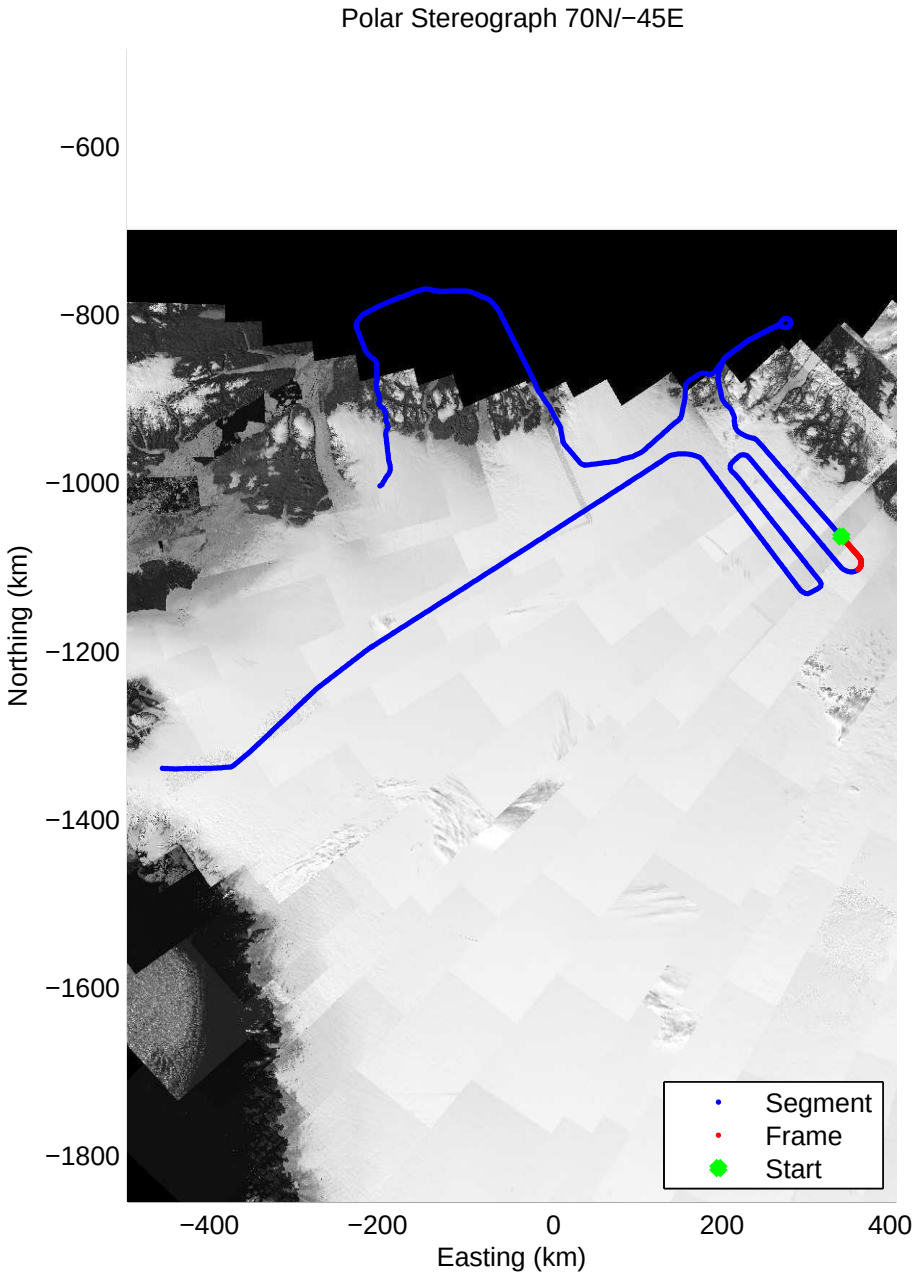

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

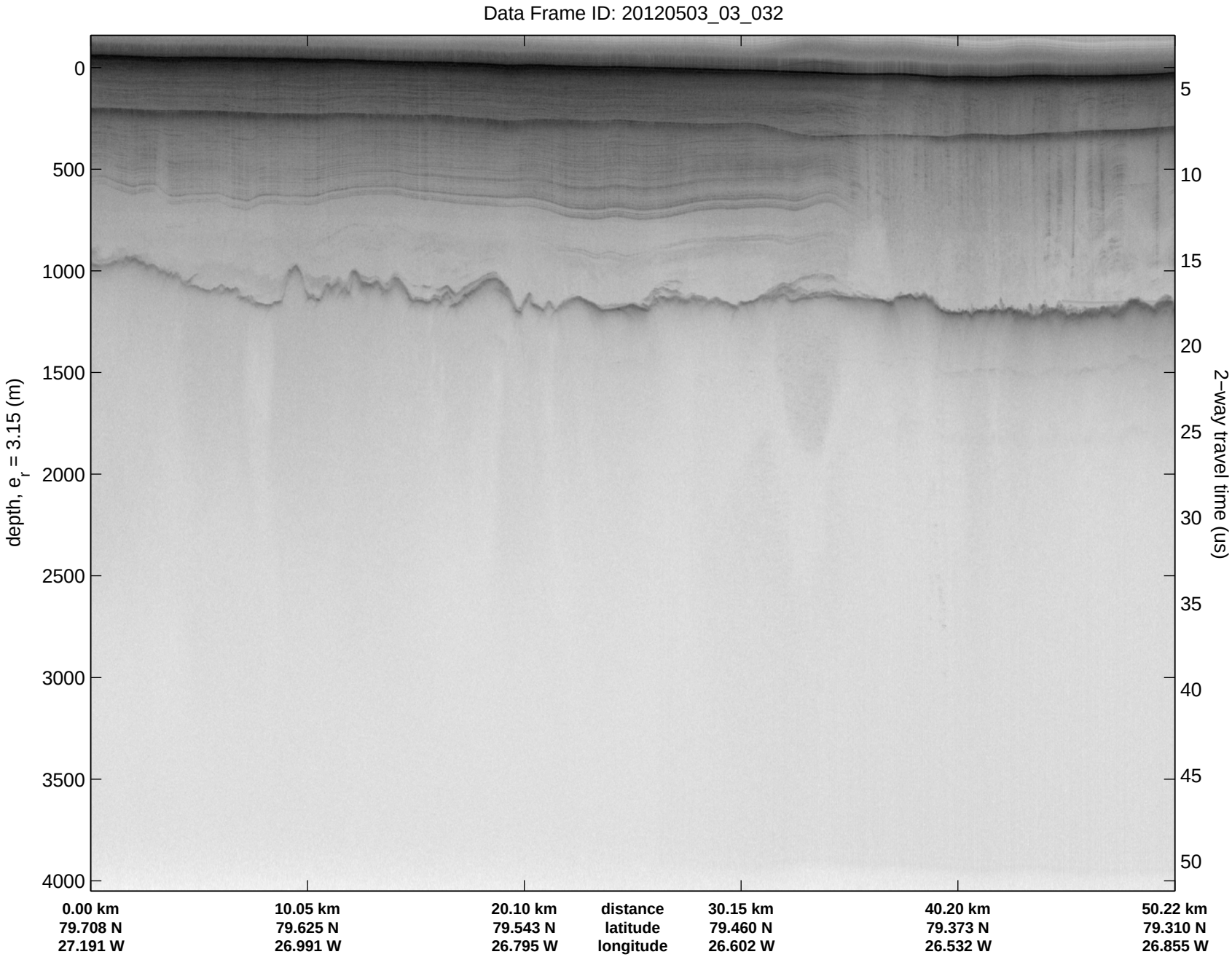

Data Frame ID: 20120503_03_031
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.038 N
28.022 W
8.46 km
79.969 N
27.843 W
16.92 km
79.900 N
27.667 W
distance
latitude
longitude
25.38 km
79.831 N
27.493 W
33.84 km
79.761 N
27.321 W
42.27 km
79.692 N
27.152 W

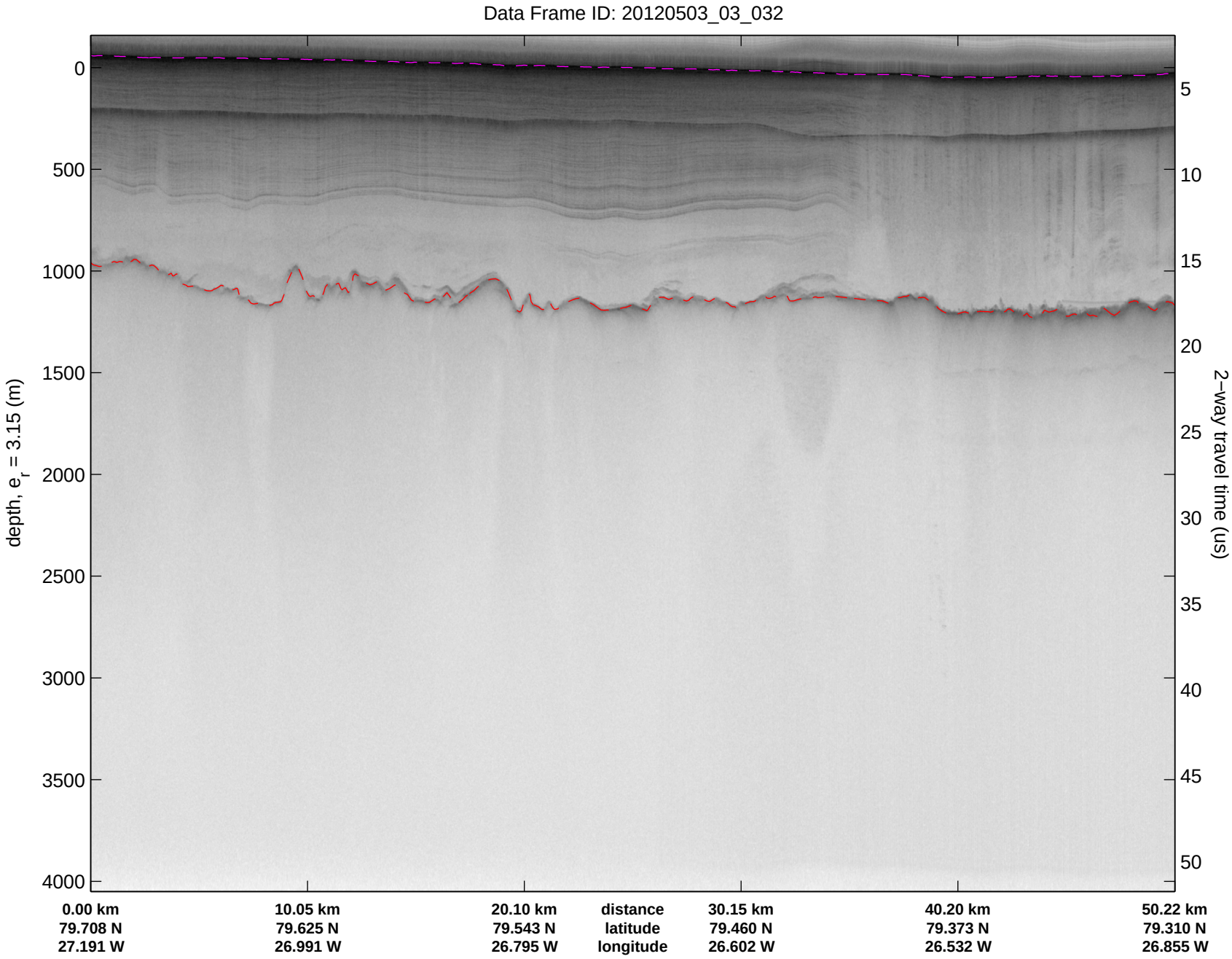

Data Frame ID: 20120503_03_031
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.038 N
28.022 W
8.46 km
79.969 N
27.843 W
16.92 km
79.900 N
27.667 W
distance
latitude
longitude
25.38 km
79.831 N
27.493 W
33.84 km
79.761 N
27.321 W
42.27 km
79.692 N
27.152 W

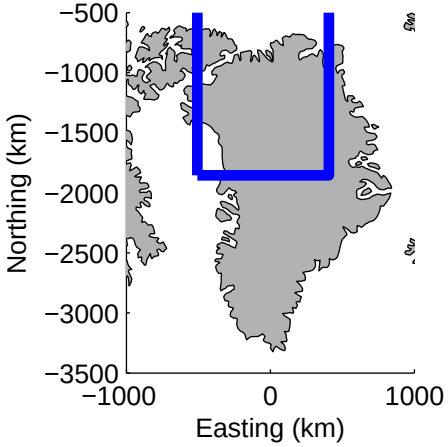

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

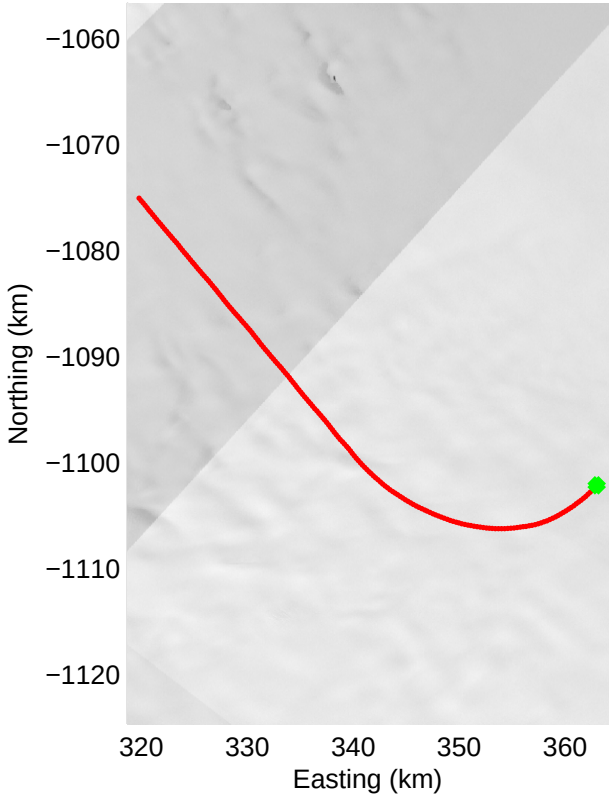

−1065
−1070
−1075
−1080
−1085
−1090
−1095
−1100
Northing (km)
345
350
355
360
365
Easting (km)

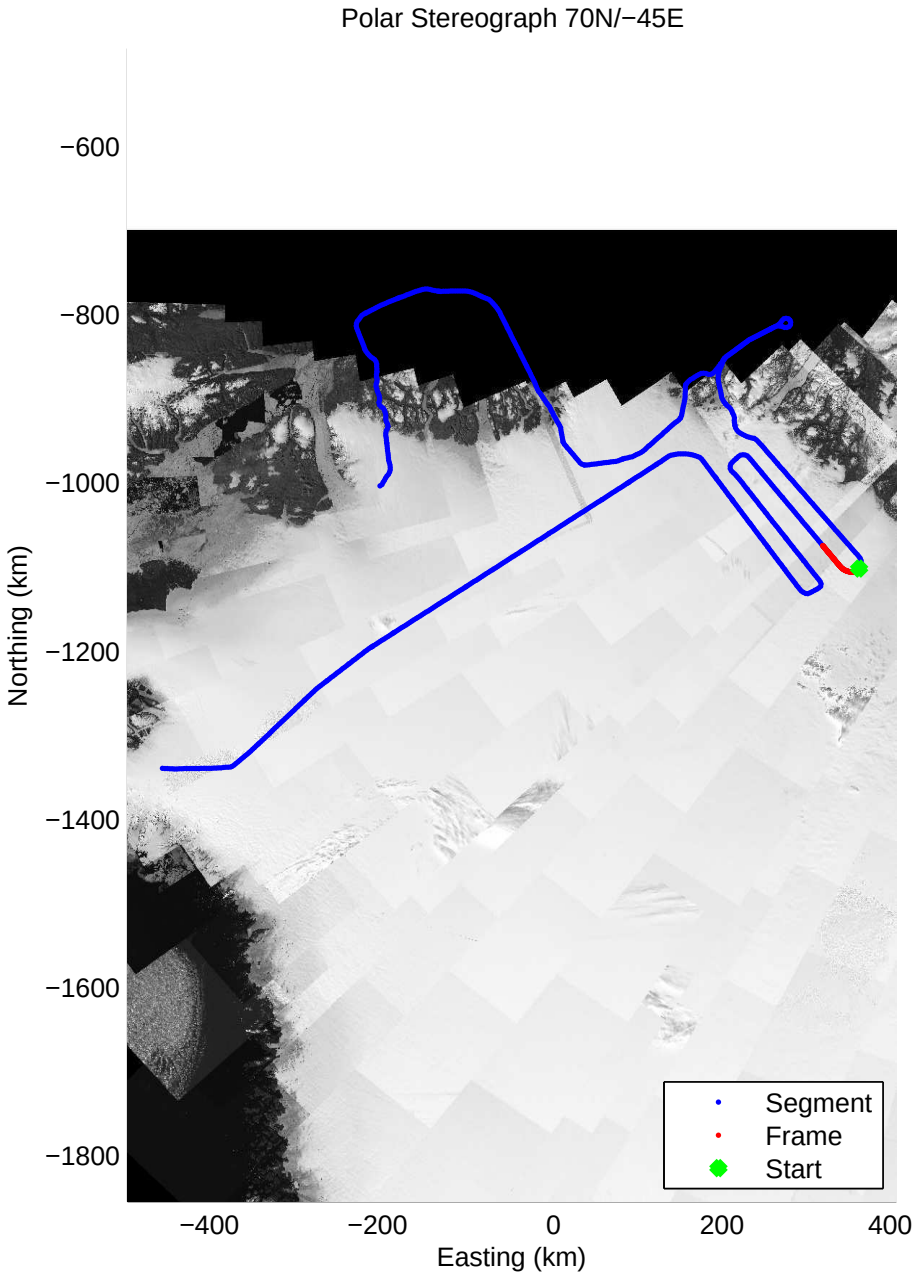

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

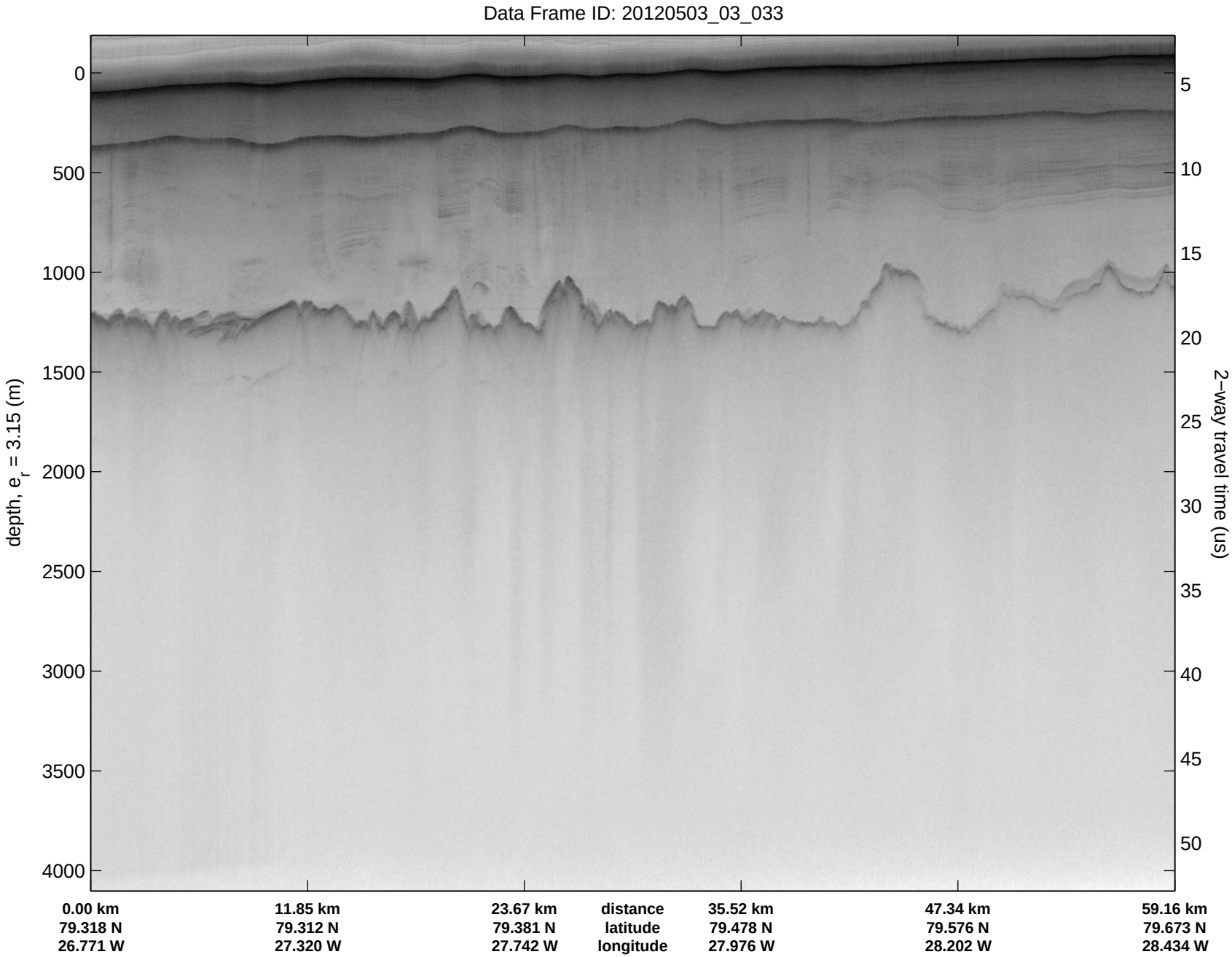

Data Frame ID: 20120503_03_032
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.708 N
27.191 W
10.05 km
79.625 N
26.991 W
20.10 km
79.543 N
26.795 W
distance
latitude
longitude
30.15 km
79.460 N
26.602 W
40.20 km
79.373 N
26.532 W
50.22 km
79.310 N
26.855 W

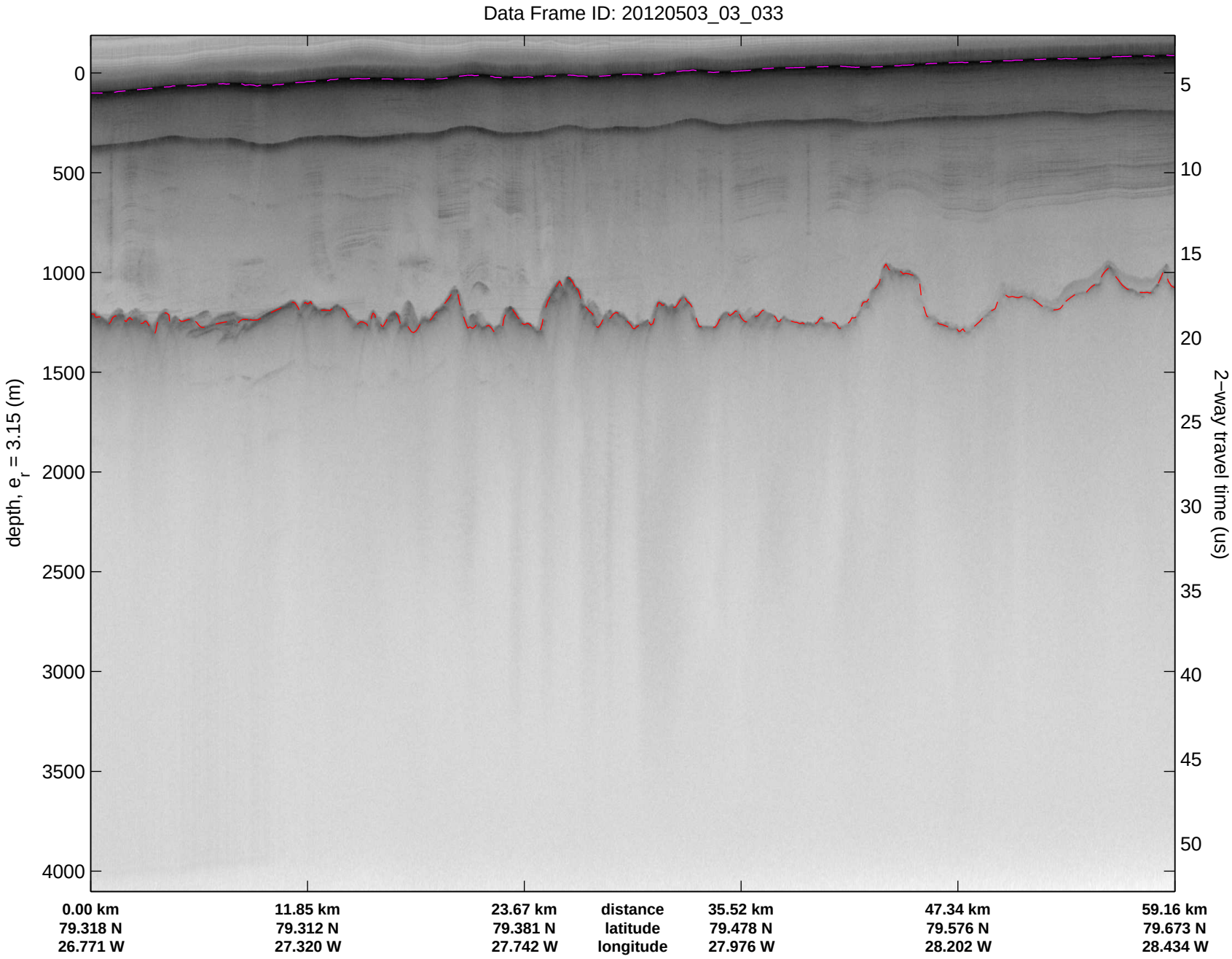

Data Frame ID: 20120503_03_032
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.708 N
27.191 W
10.05 km
79.625 N
26.991 W
20.10 km
79.543 N
26.795 W
distance
latitude
longitude
30.15 km
79.460 N
26.602 W
40.20 km
79.373 N
26.532 W
50.22 km
79.310 N
26.855 W

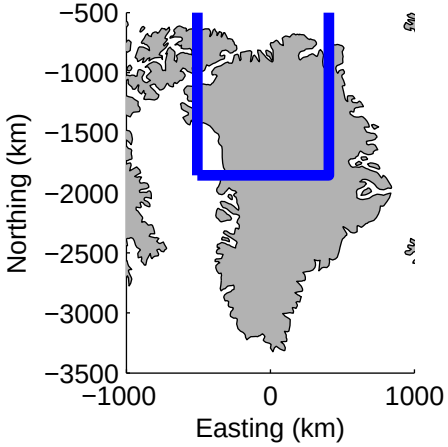

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

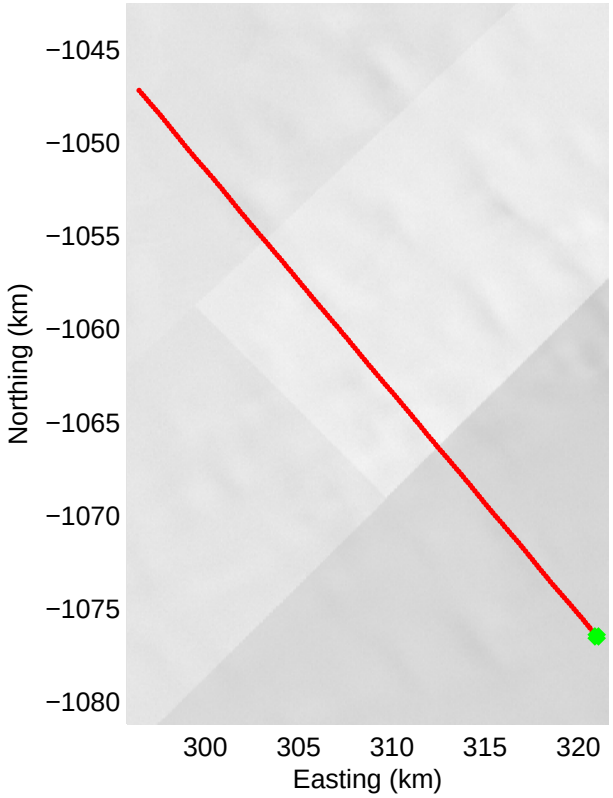

−1060
−1070
−1080
−1090
−1100
−1110
−1120
Northing (km)
320
330
340
350
360
Easting (km)

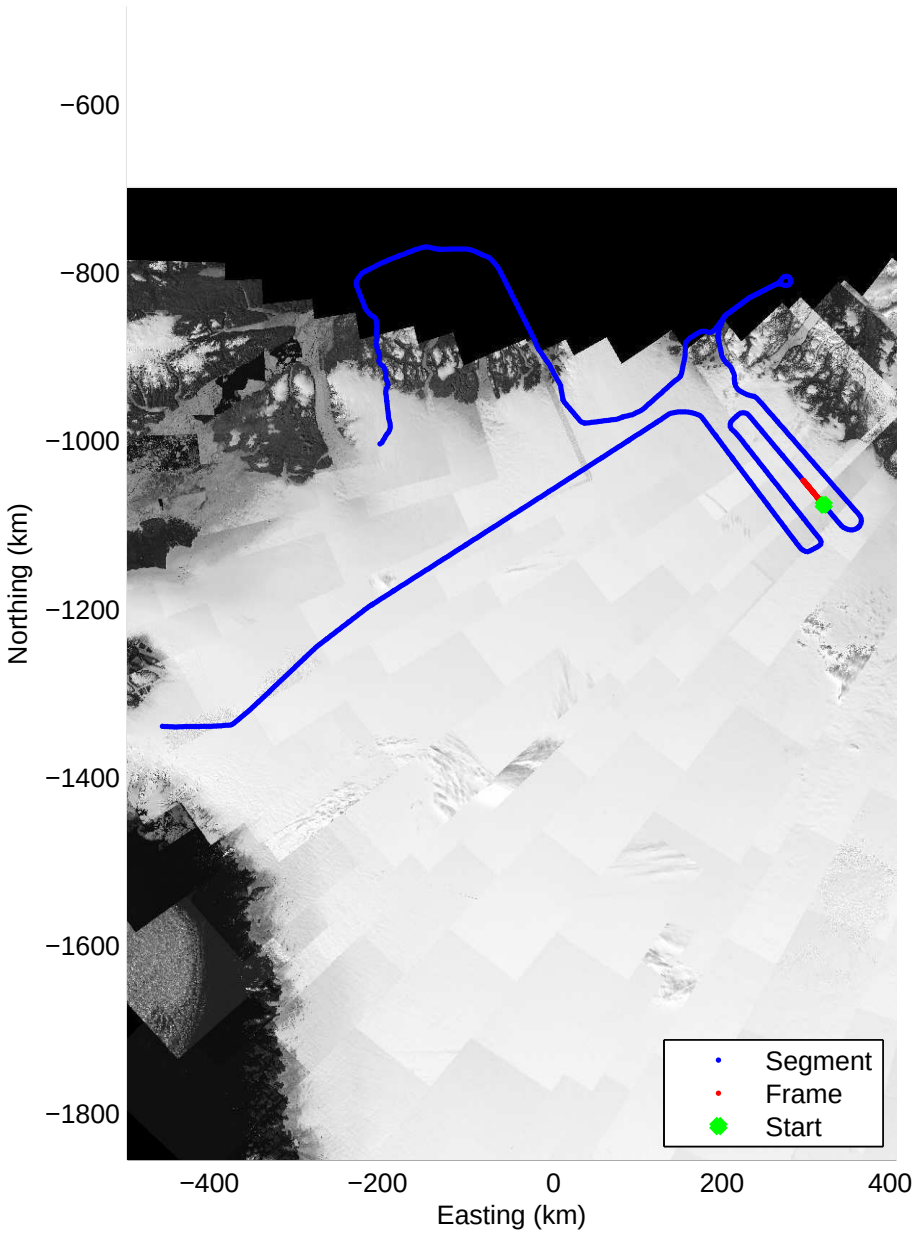

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

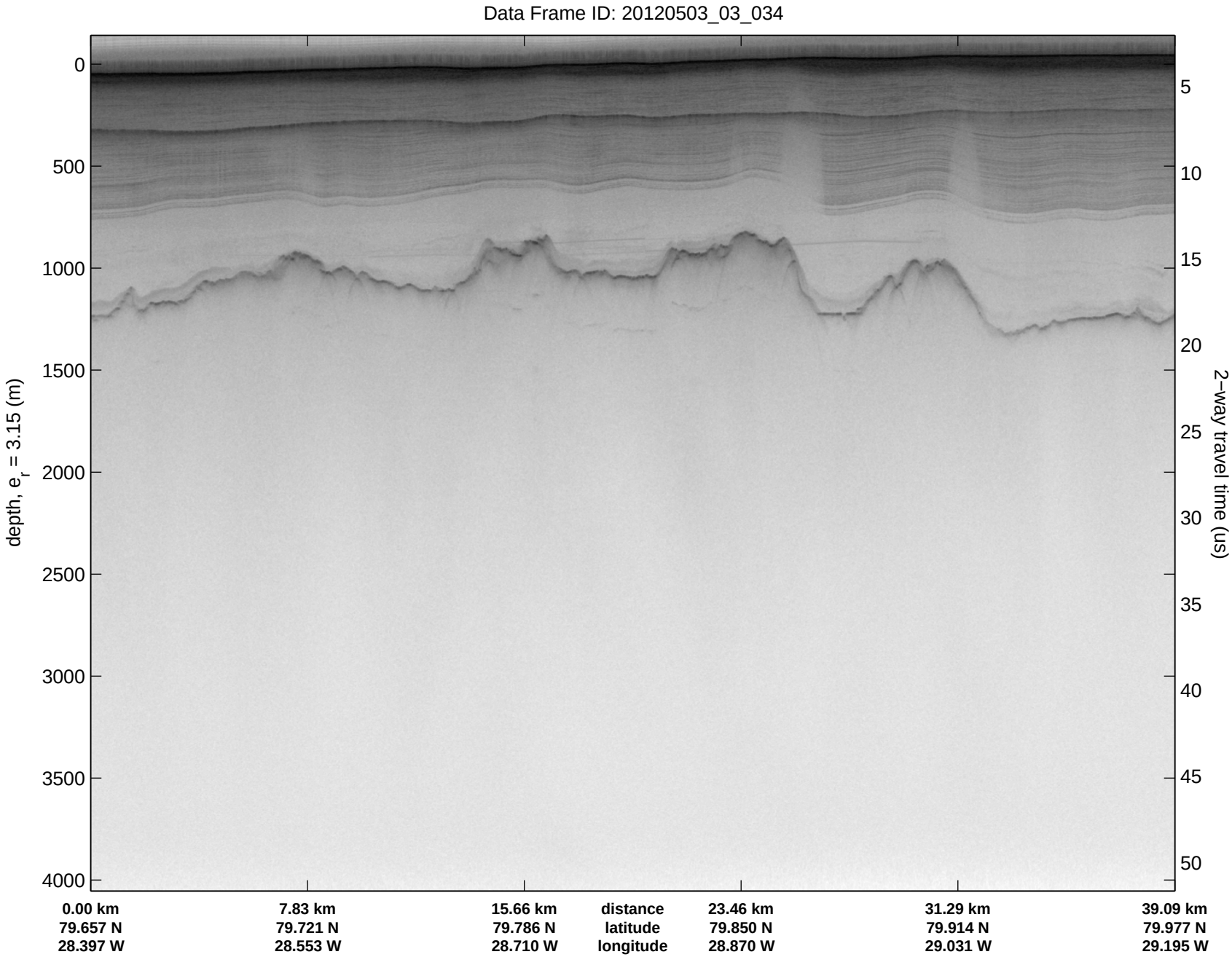

Data Frame ID: 20120503_03_033
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.318 N
26.771 W
11.85 km
79.312 N
27.320 W
23.67 km
79.381 N
27.742 W
distance
latitude
longitude
35.52 km
79.478 N
27.976 W
47.34 km
79.576 N
28.202 W
59.16 km
79.673 N
28.434 W

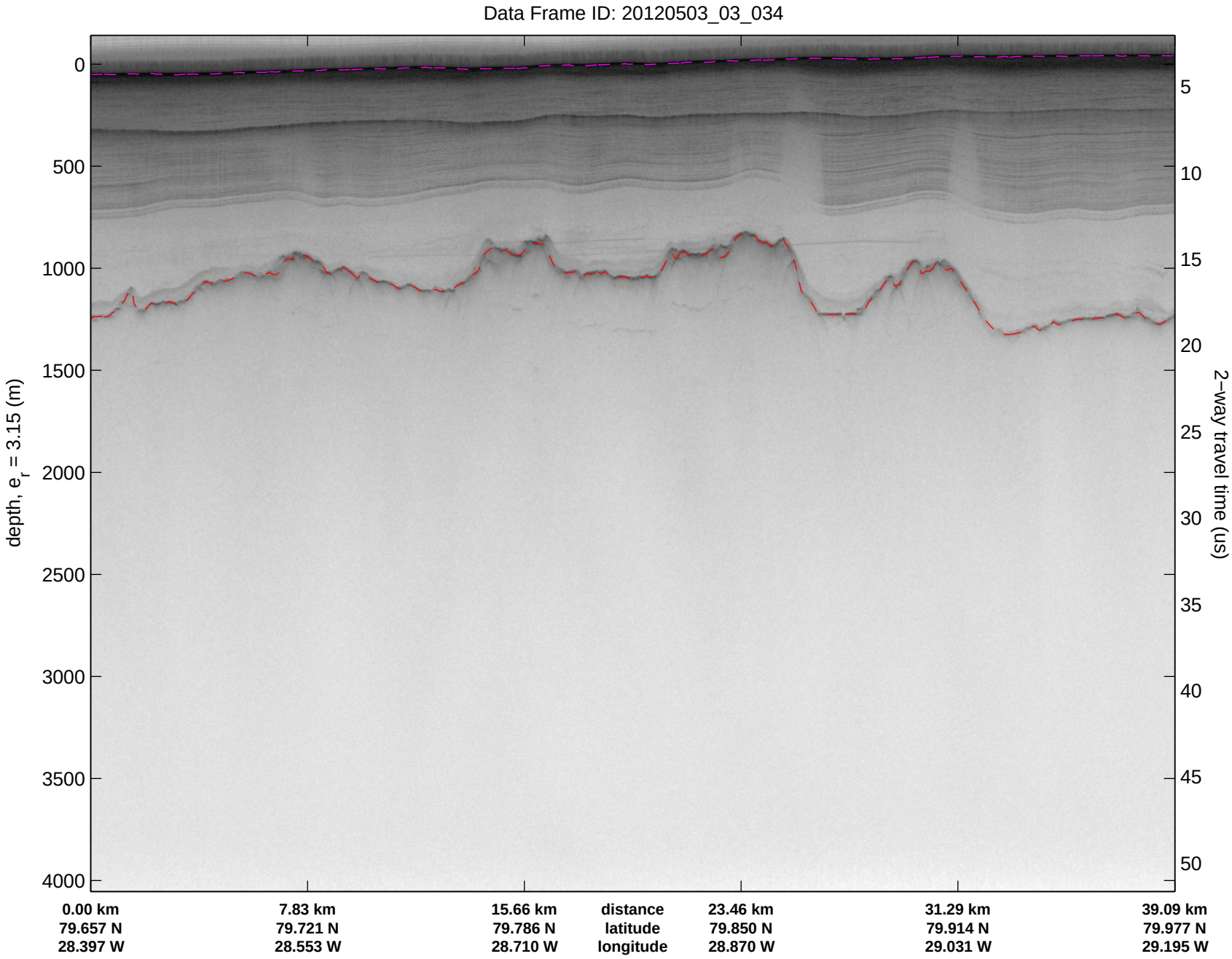

Data Frame ID: 20120503_03_033
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.318 N
26.771 W
11.85 km
79.312 N
27.320 W
23.67 km
79.381 N
27.742 W
distance
latitude
longitude
35.52 km
79.478 N
27.976 W
47.34 km
79.576 N
28.202 W
59.16 km
79.673 N
28.434 W

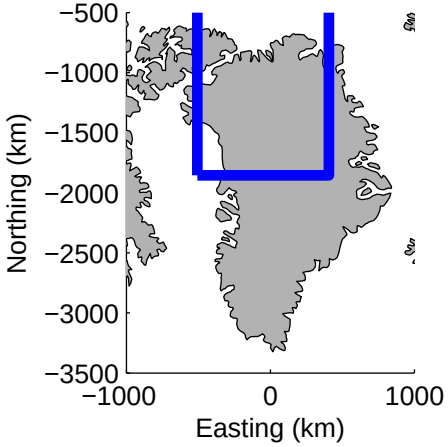

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)


−1045
−1050
−1055
−1060
−1065
−1070
−1075
−1080
Northing (km)
300
305
310
315
320
Easting (km)

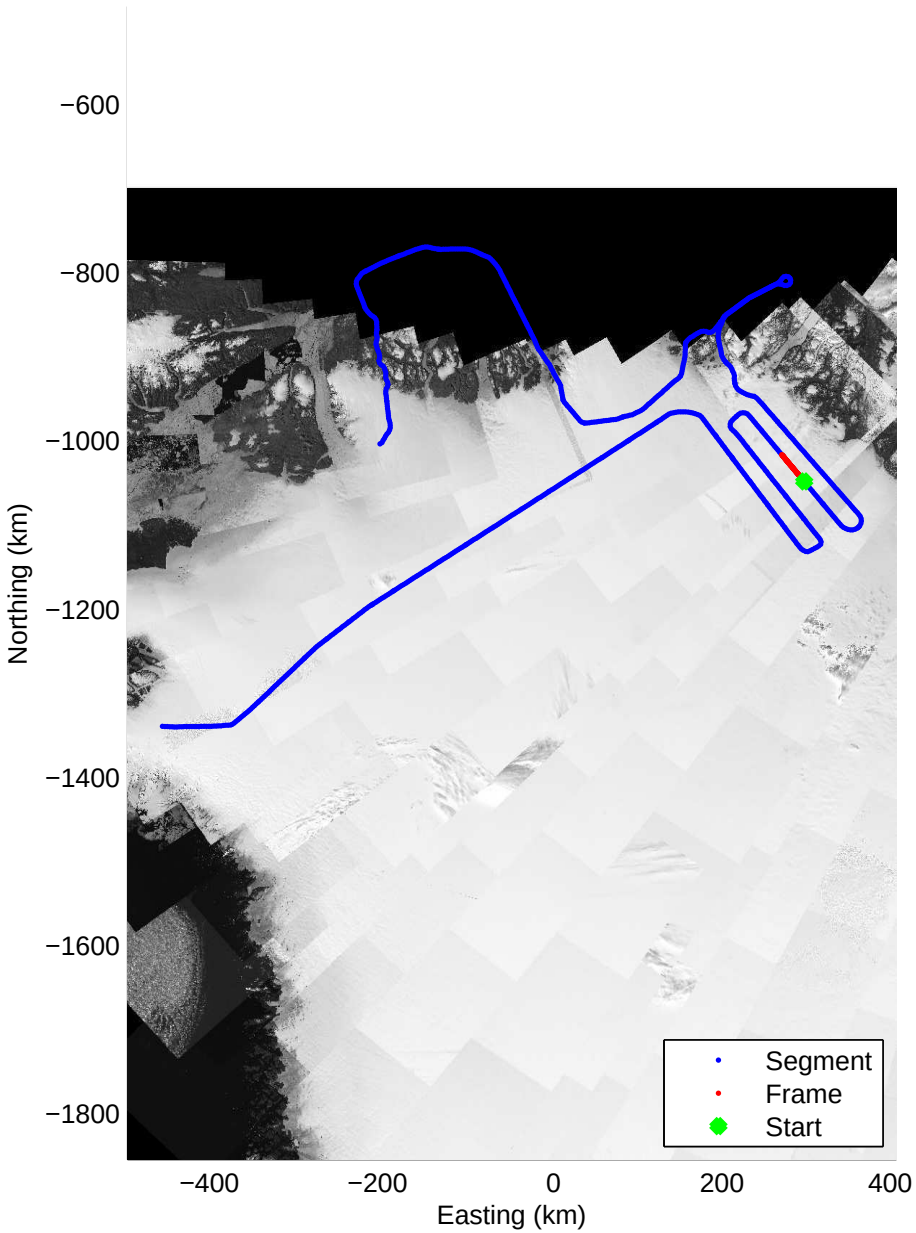

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

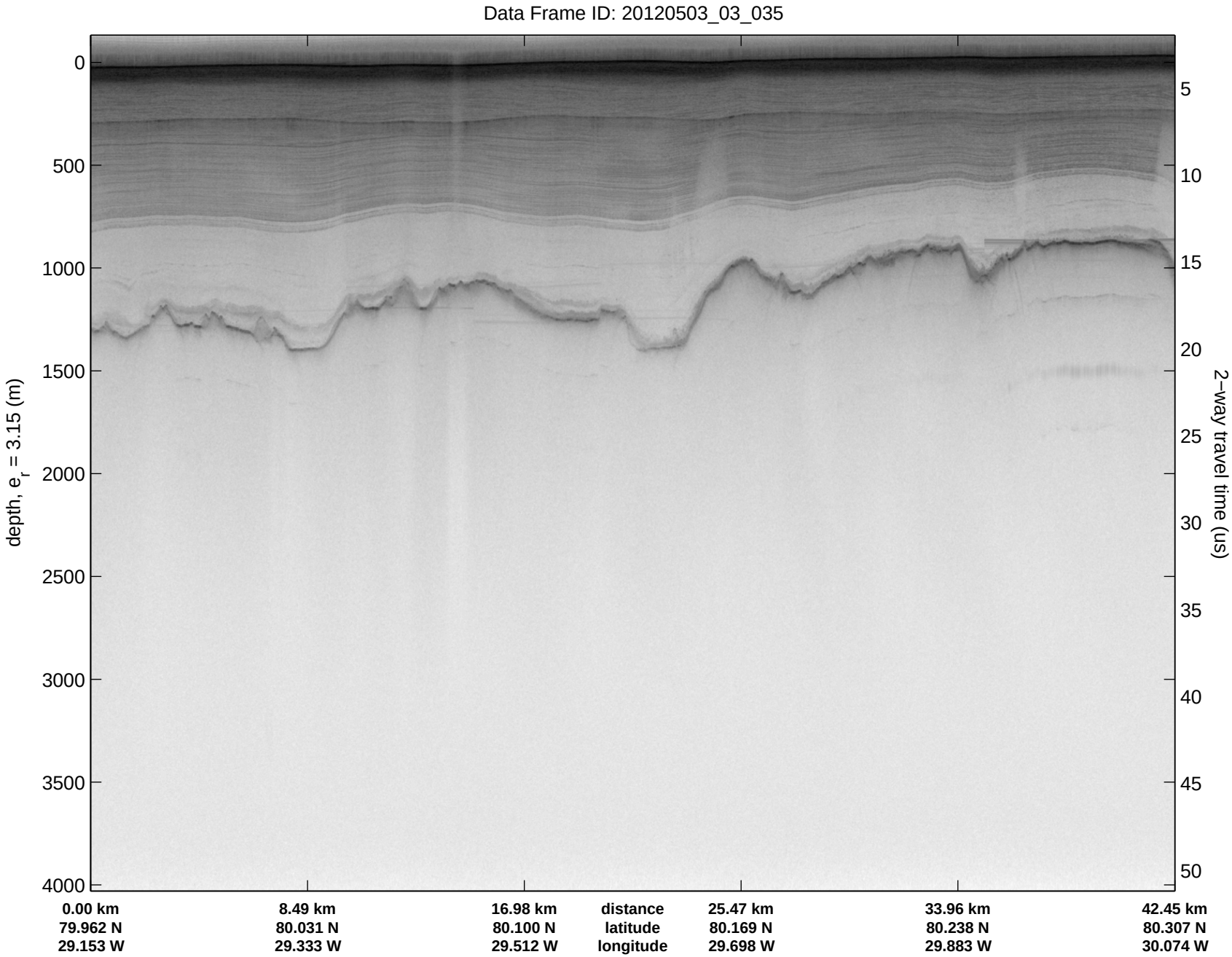

Data Frame ID: 20120503_03_034
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.657 N
28.397 W
7.83 km
79.721 N
28.553 W
15.66 km
79.786 N
28.710 W
distance
latitude
longitude
23.46 km
79.850 N
28.870 W
31.29 km
79.914 N
29.031 W
39.09 km
79.977 N
29.195 W

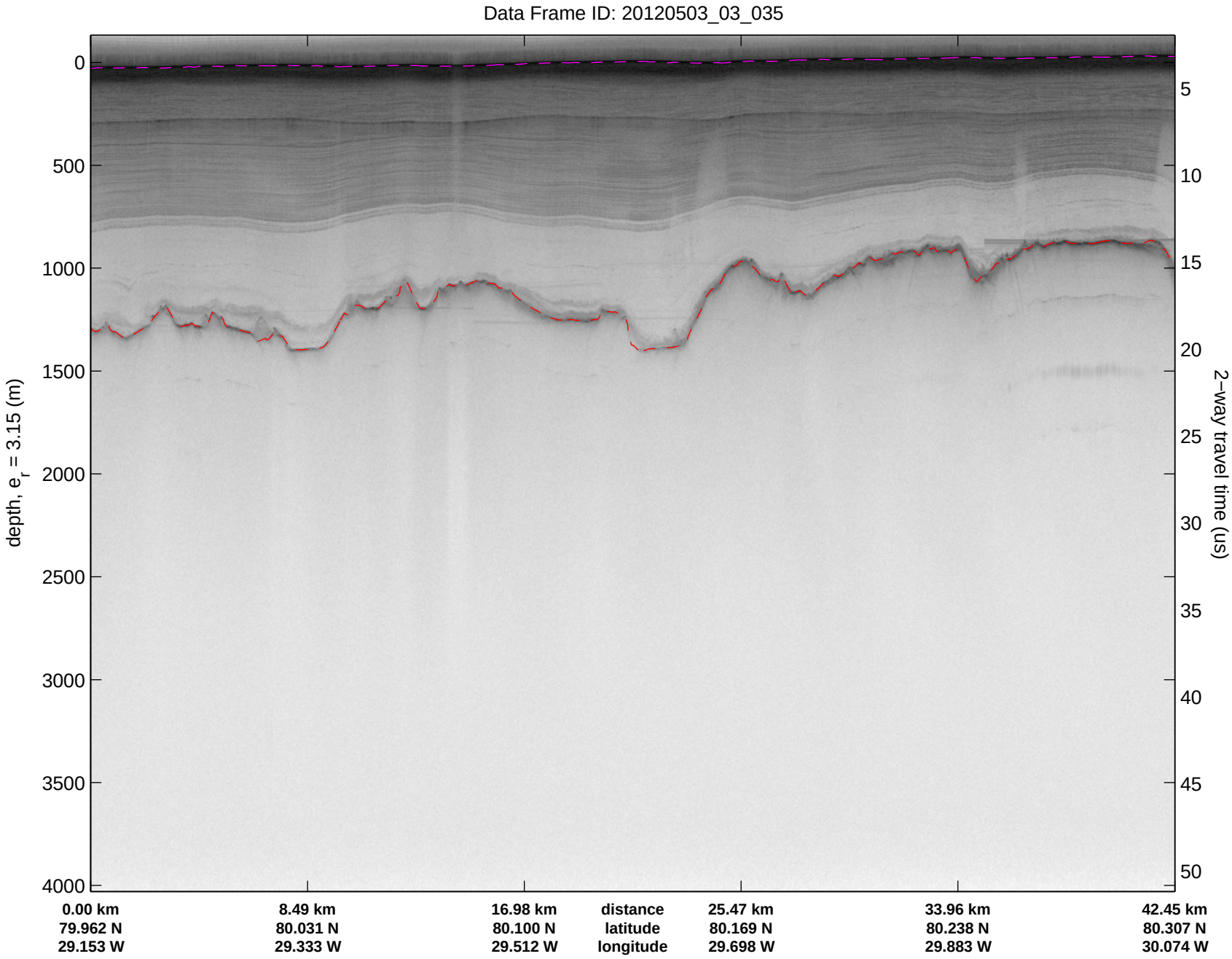

Data Frame ID: 20120503_03_034
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.657 N
28.397 W
7.83 km
79.721 N
28.553 W
15.66 km
79.786 N
28.710 W
distance
latitude
longitude
23.46 km
79.850 N
28.870 W
31.29 km
79.914 N
29.031 W
39.09 km
79.977 N
29.195 W

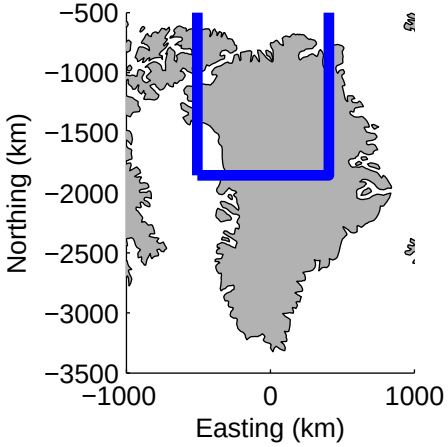

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

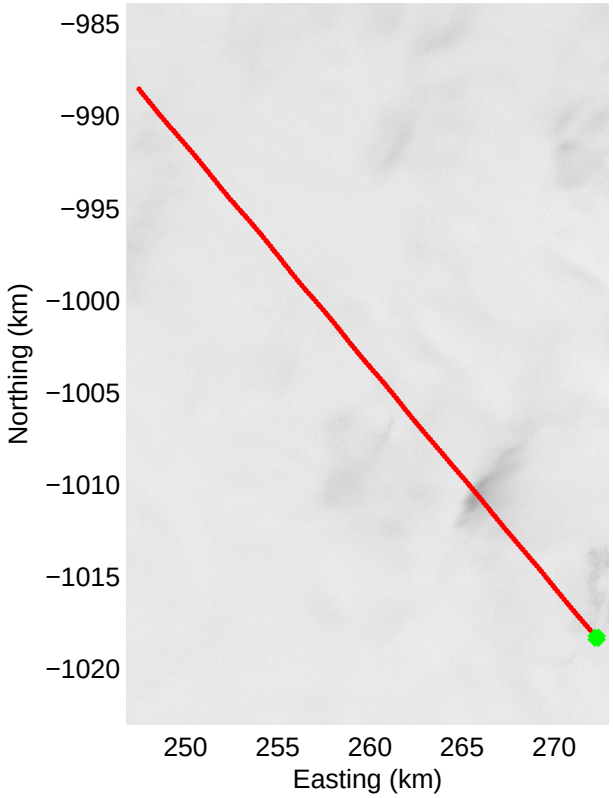
−1015
−1020
−1025
−1030
−1035
−1040
−1045
−1050
Northing (km)
275
280
285
290
295
Easting (km)

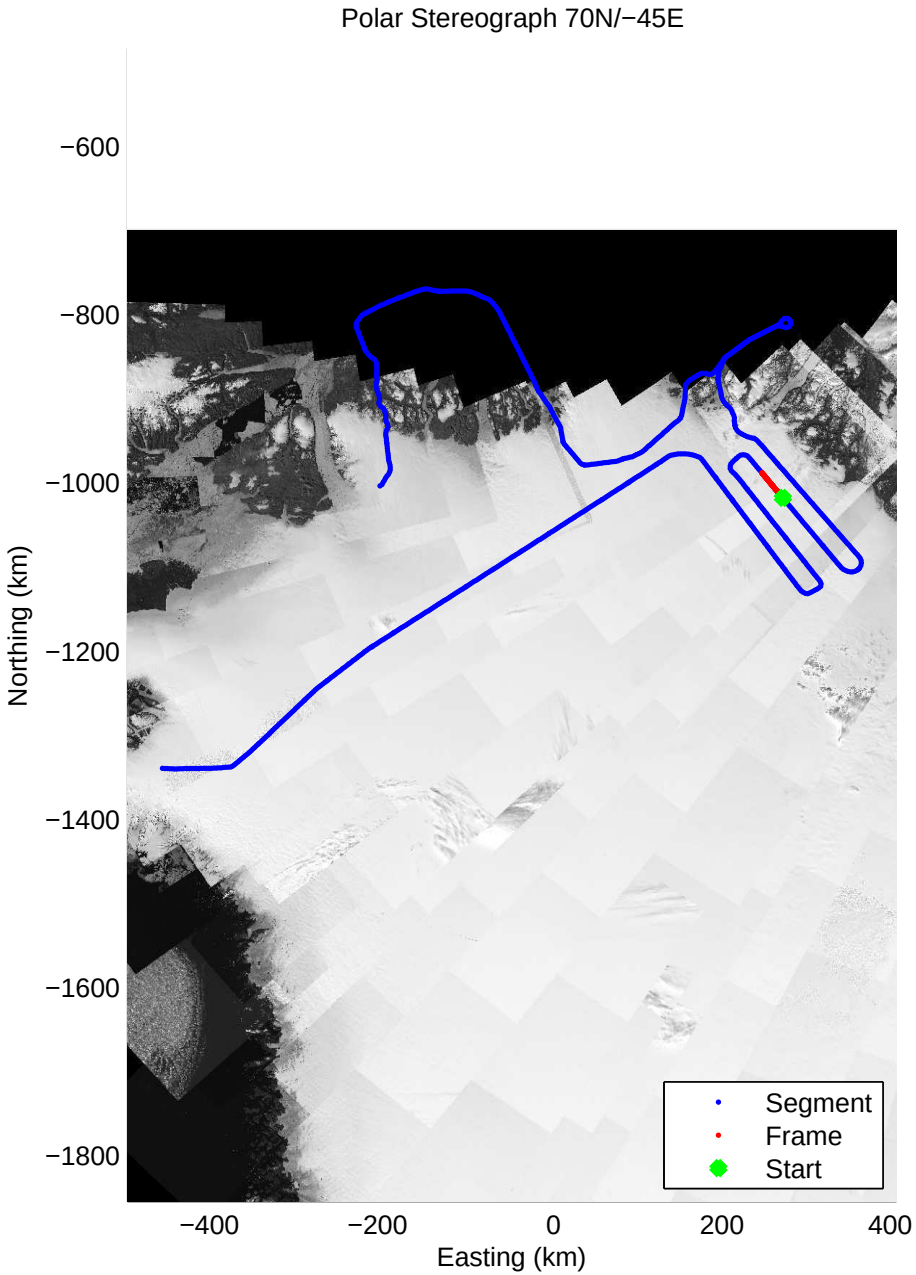

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

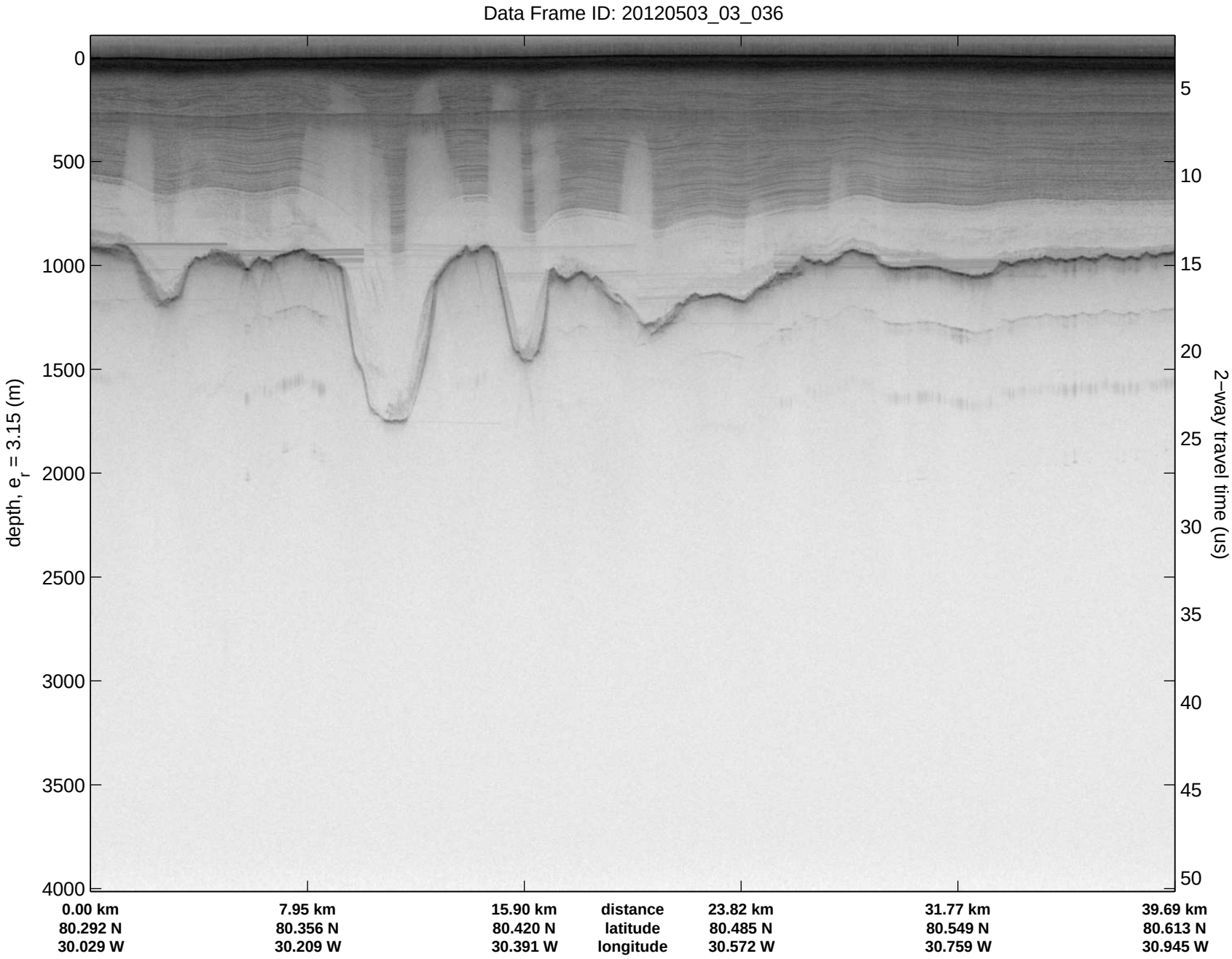

Data Frame ID: 20120503_03_035
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.962 N
29.153 W
8.49 km
80.031 N
29.333 W
16.98 km
80.100 N
29.512 W
distance
latitude
longitude
25.47 km
80.169 N
29.698 W
33.96 km
80.238 N
29.883 W
42.45 km
80.307 N
30.074 W

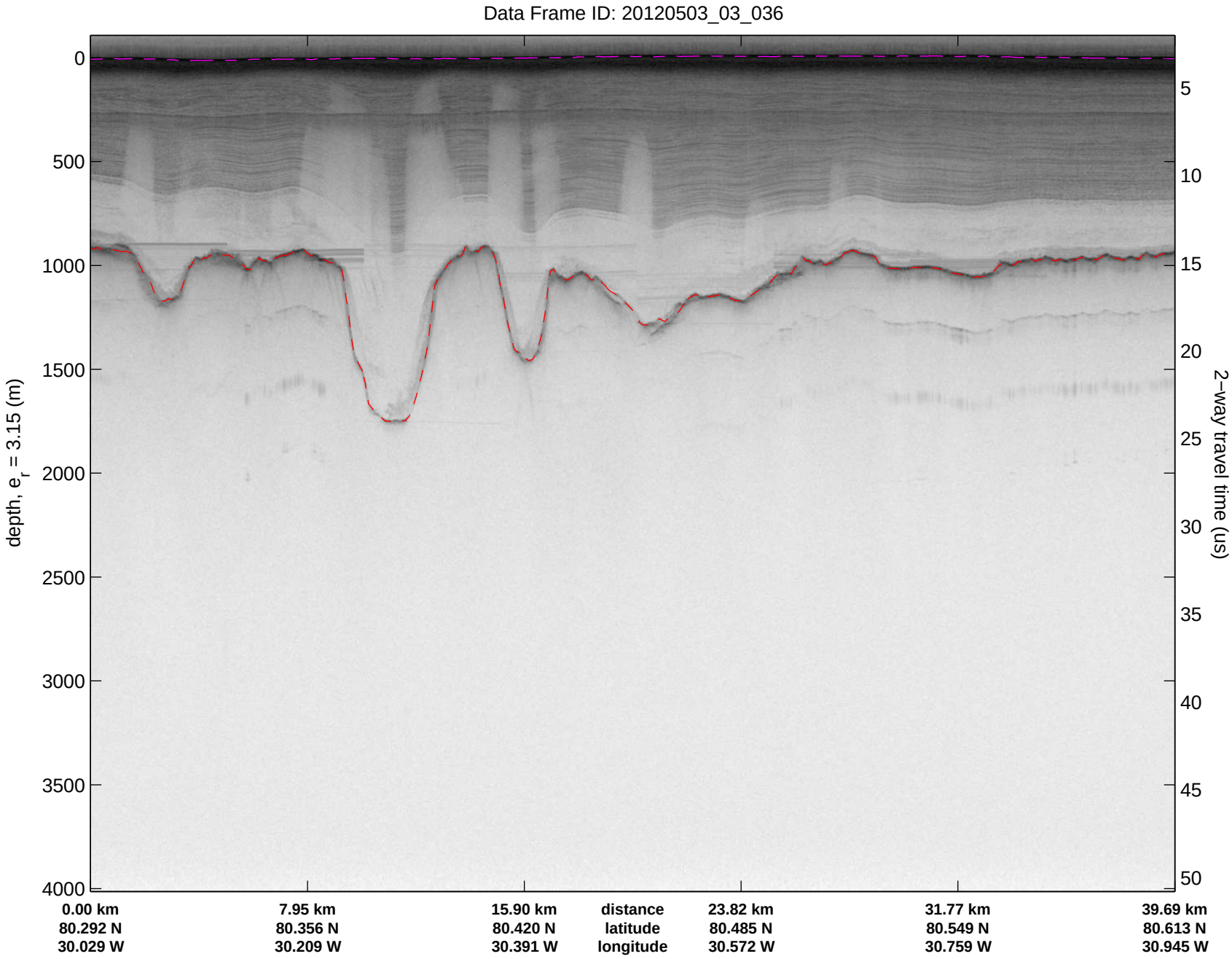

Data Frame ID: 20120503_03_035
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.962 N
29.153 W
8.49 km
80.031 N
29.333 W
16.98 km
80.100 N
29.512 W
distance
latitude
longitude
25.47 km
80.169 N
29.698 W
33.96 km
80.238 N
29.883 W
42.45 km
80.307 N
30.074 W

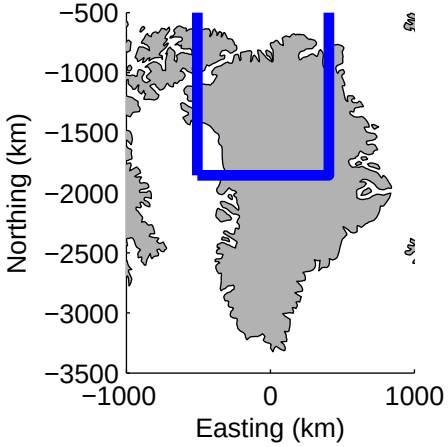

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

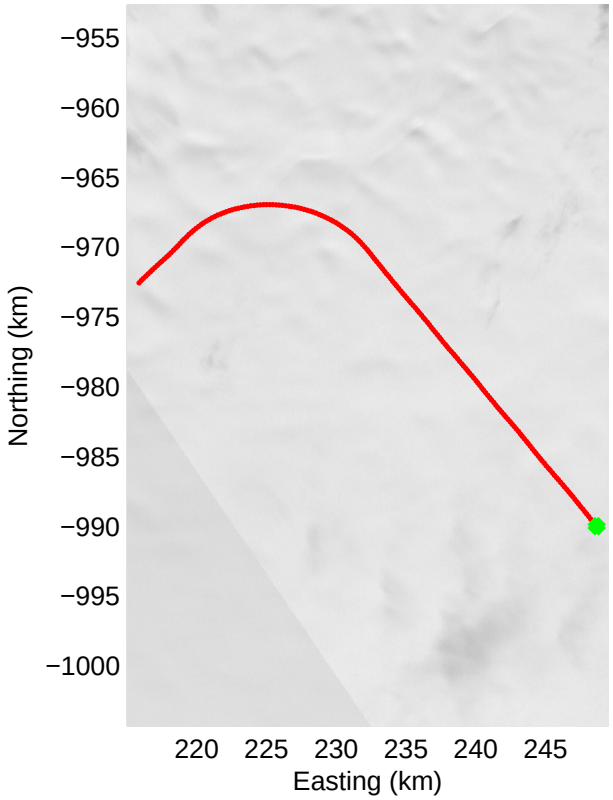

−985
−990
−995
−1000
−1005
−1010
−1015
−1020
Northing (km)
250
255
260
265
270
Easting (km)

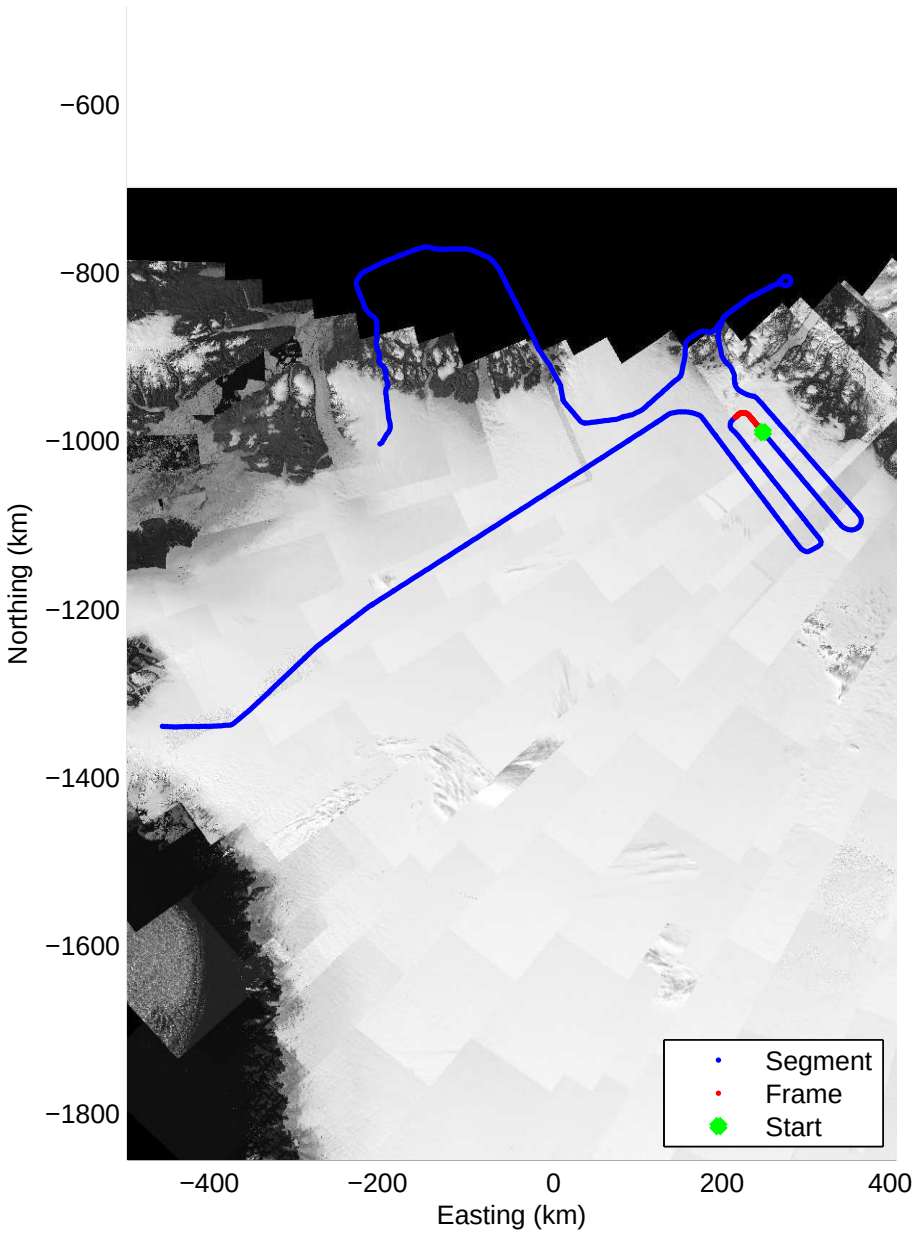

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

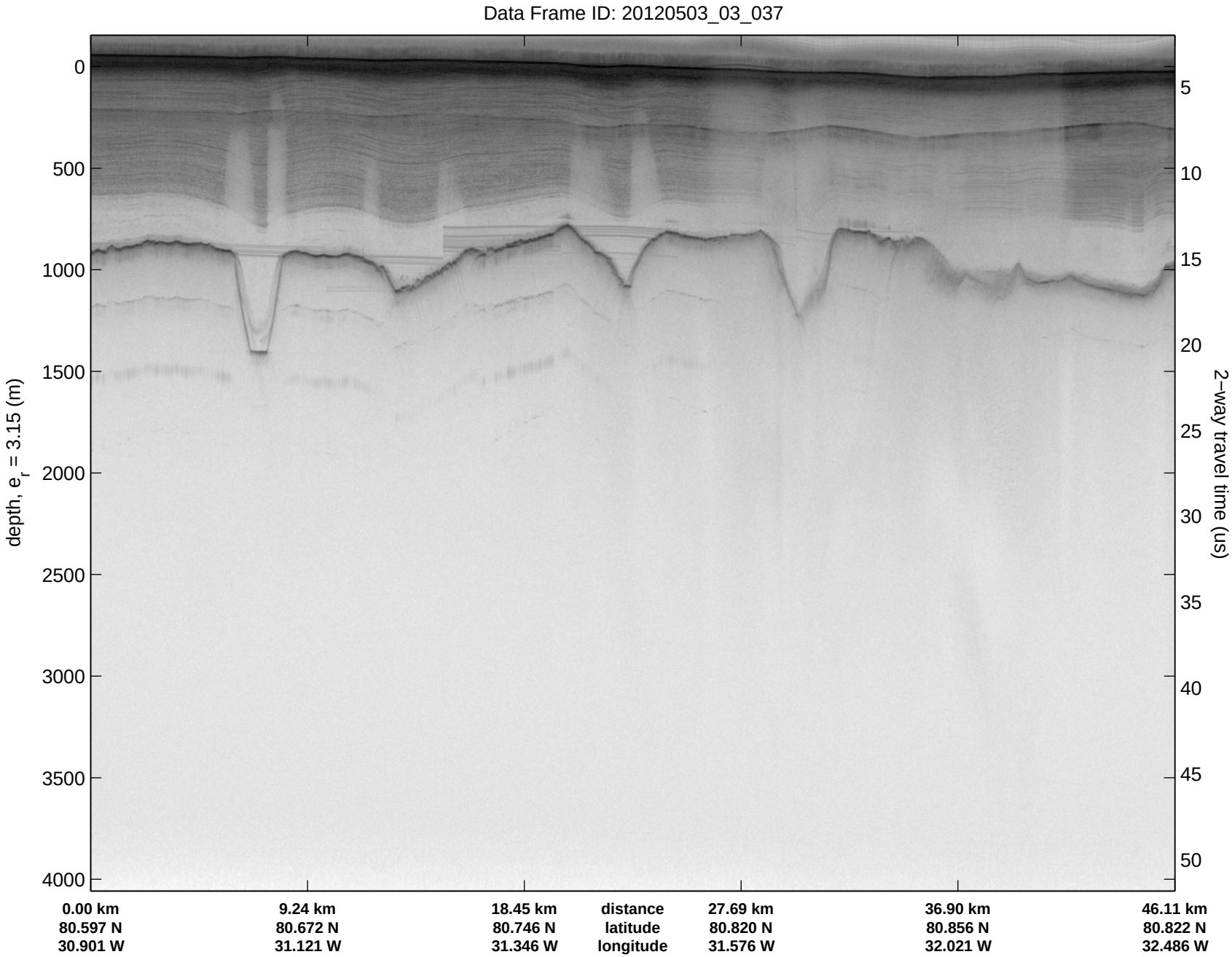

Data Frame ID: 20120503_03_036
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.292 N
30.029 W
7.95 km
80.356 N
30.209 W
15.90 km
80.420 N
30.391 W
distance
latitude
longitude
23.82 km
80.485 N
30.572 W
31.77 km
80.549 N
30.759 W
39.69 km
80.613 N
30.945 W

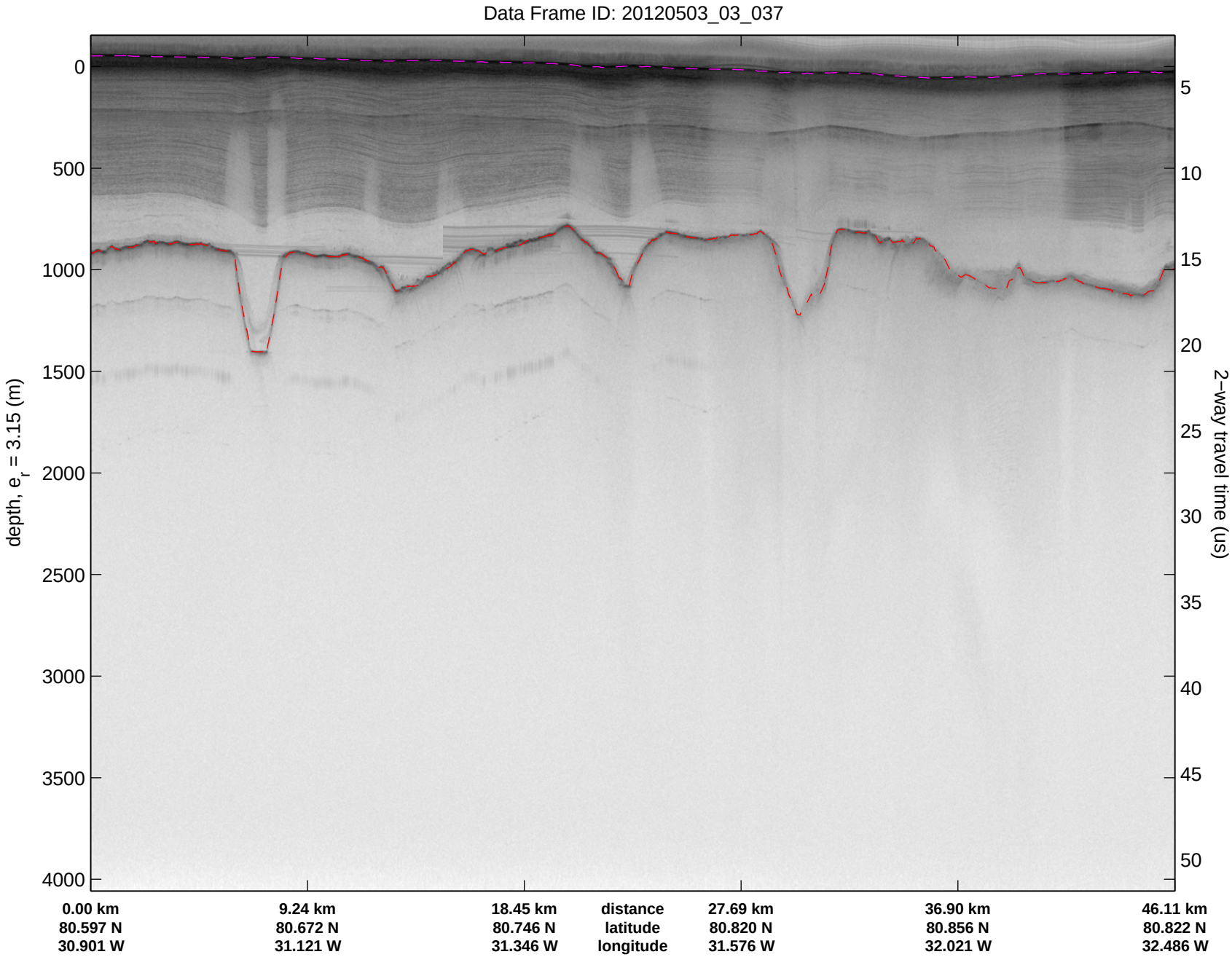

Data Frame ID: 20120503_03_036
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.292 N
30.029 W
7.95 km
80.356 N
30.209 W
15.90 km
80.420 N
30.391 W
distance
latitude
longitude
23.82 km
80.485 N
30.572 W
31.77 km
80.549 N
30.759 W
39.69 km
80.613 N
30.945 W

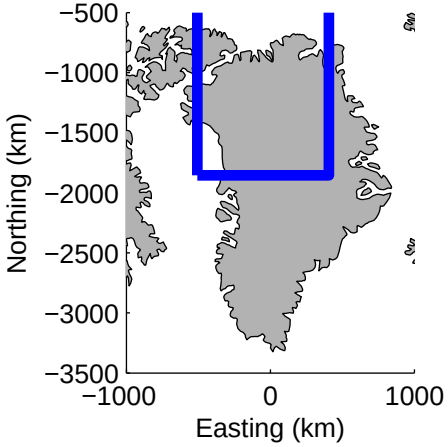

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

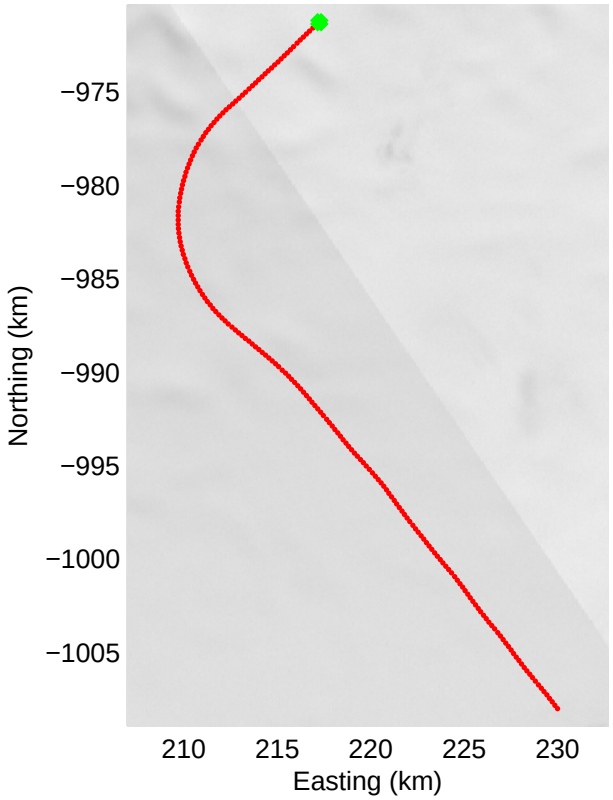

−955
−960
−965
−970
−975
−980
−985
−990
−995
−1000
Northing (km)
220
225
230
235
240
245
Easting (km)

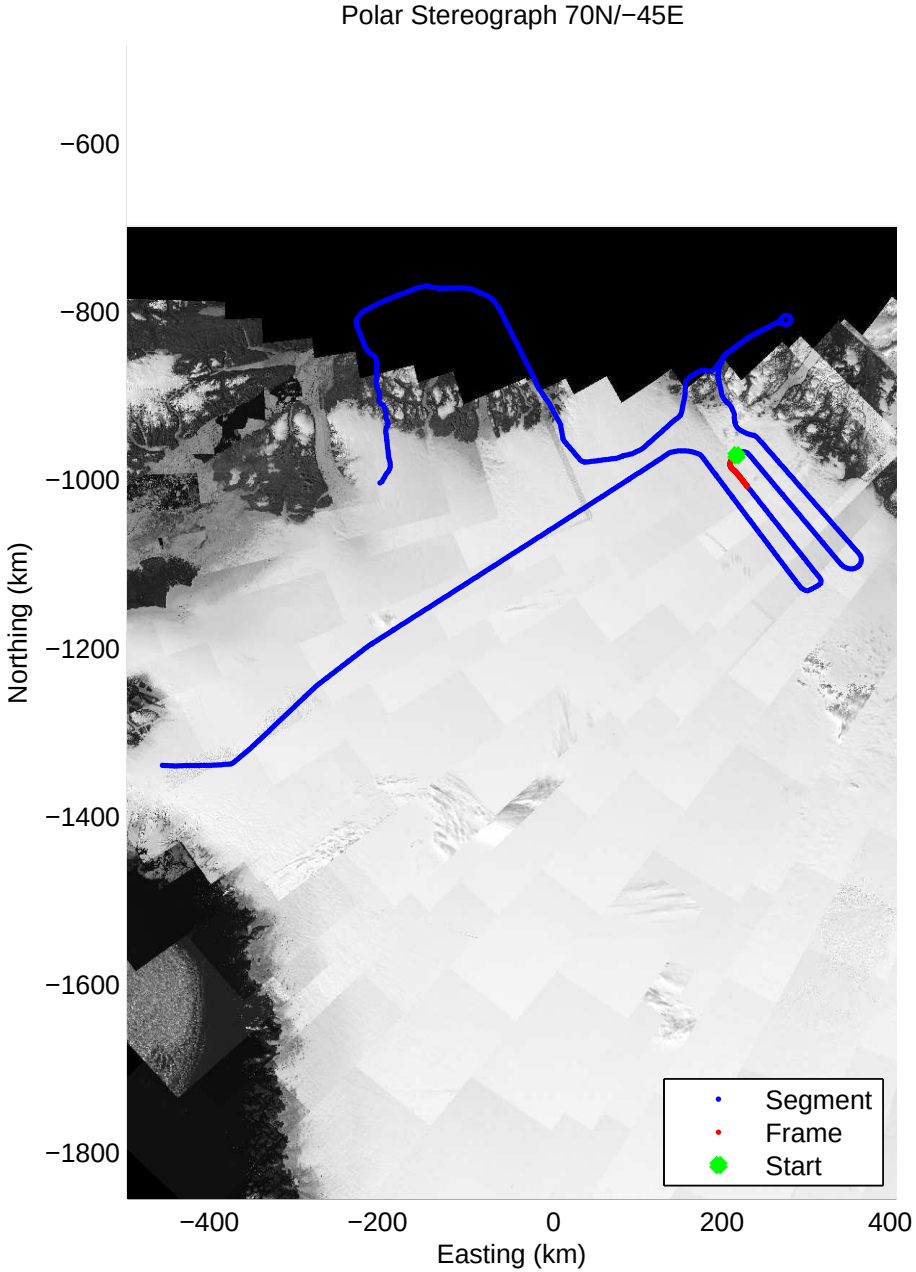

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

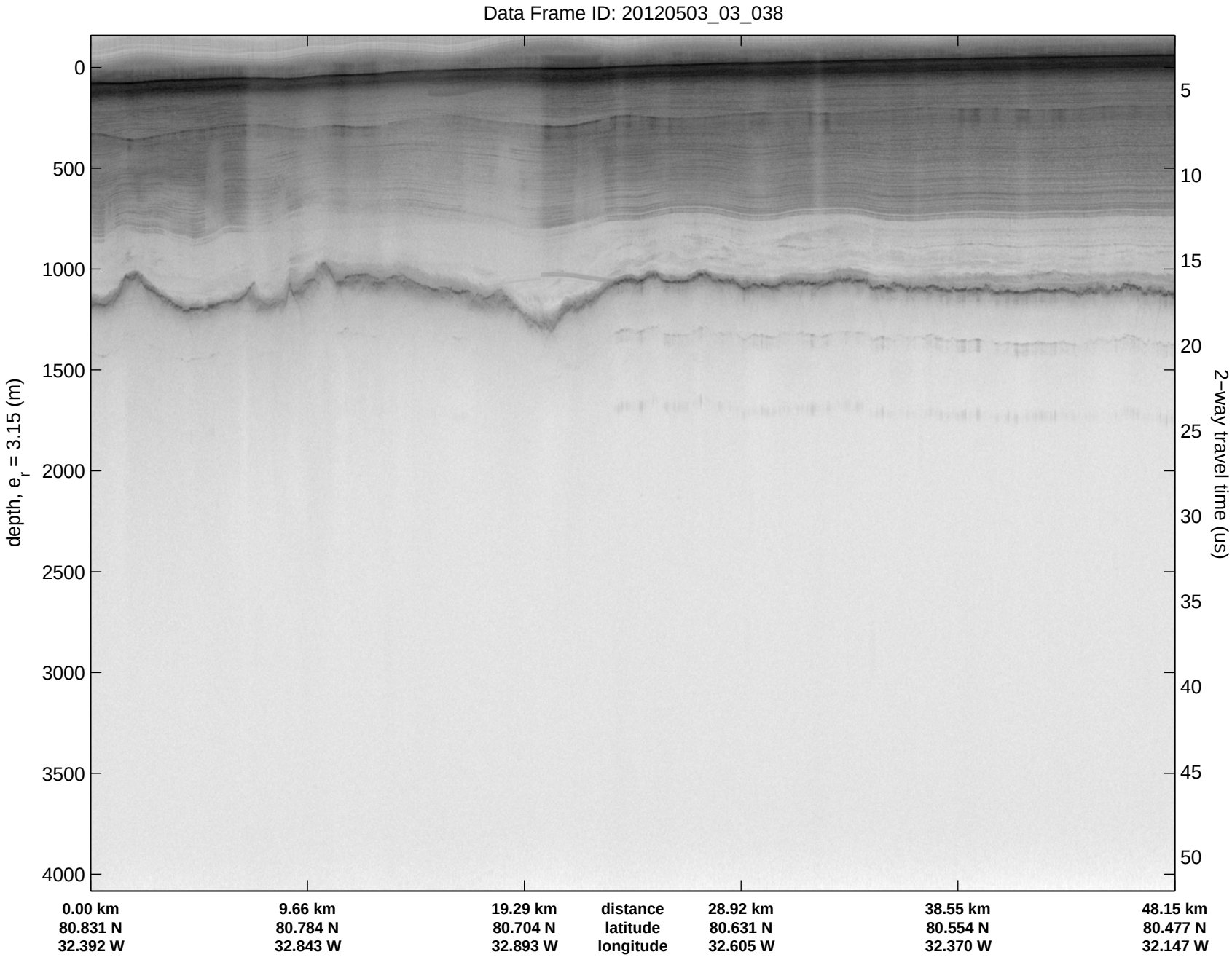

Data Frame ID: 20120503_03_037
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.597 N
30.901 W
9.24 km
80.672 N
31.121 W
18.45 km
80.746 N
31.346 W
distance
latitude
longitude
27.69 km
80.820 N
31.576 W
36.90 km
80.856 N
32.021 W
46.11 km
80.822 N
32.486 W

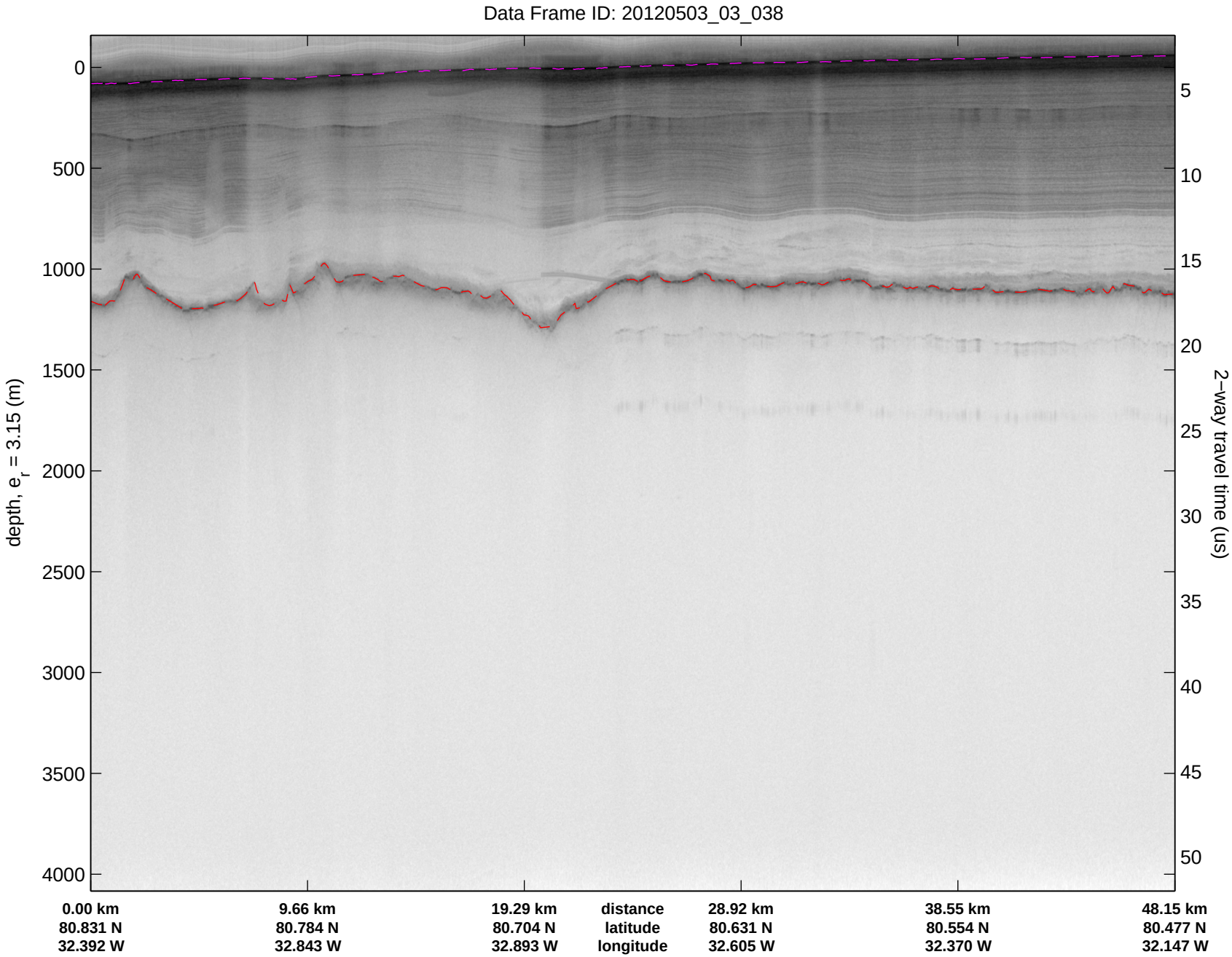

Data Frame ID: 20120503_03_037
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.597 N
30.901 W
9.24 km
80.672 N
31.121 W
18.45 km
80.746 N
31.346 W
distance
latitude
longitude
27.69 km
80.820 N
31.576 W
36.90 km
80.856 N
32.021 W
46.11 km
80.822 N
32.486 W

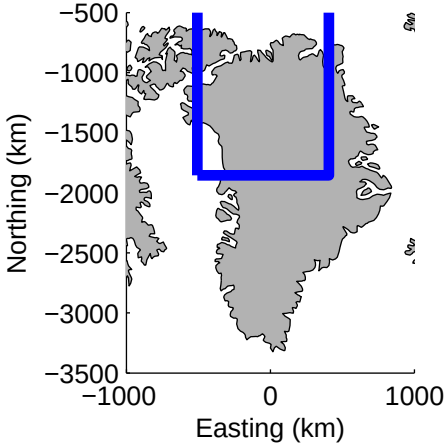

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)


−975
−980
−985
−990
−995
−1000
−1005
Northing (km)
210
215
220
225
230
Easting (km)

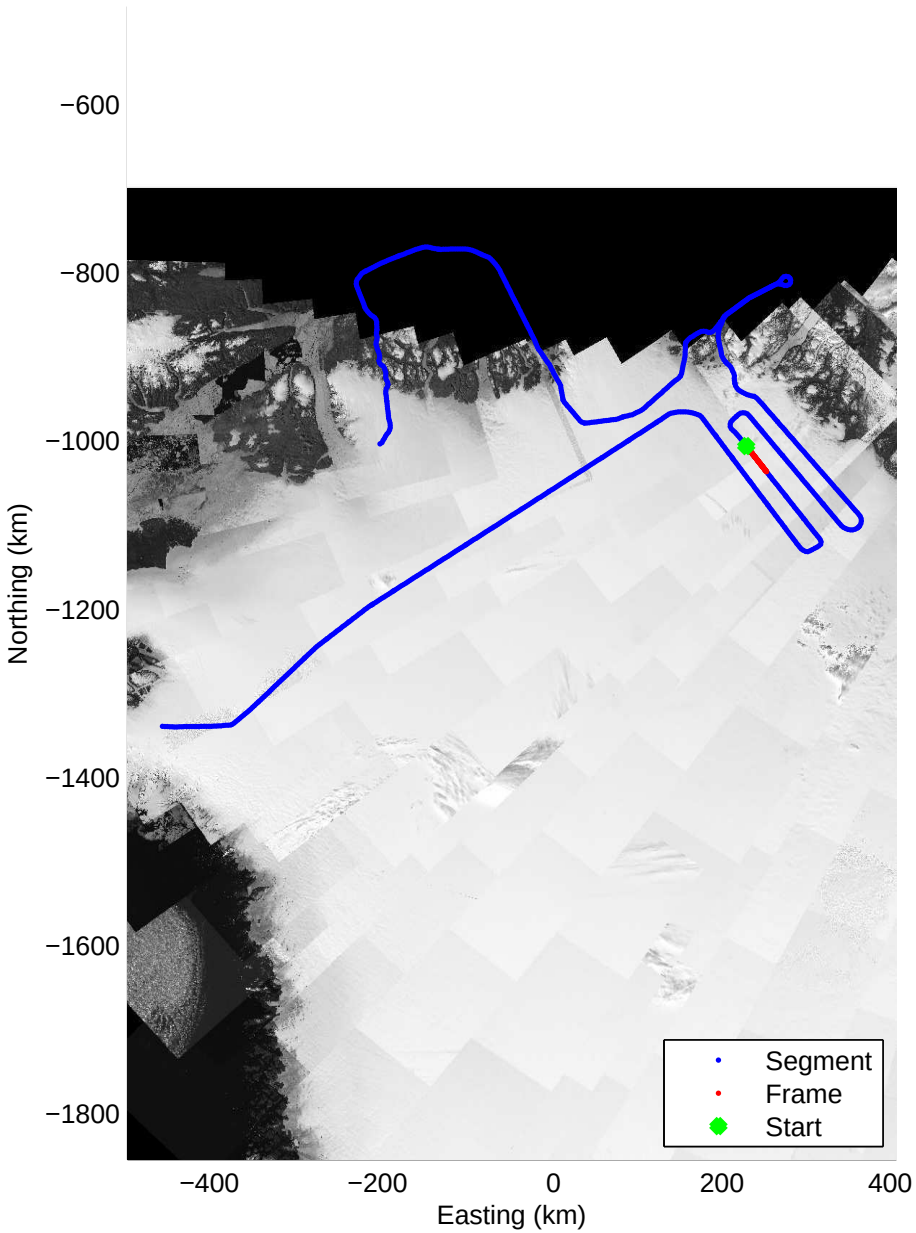

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

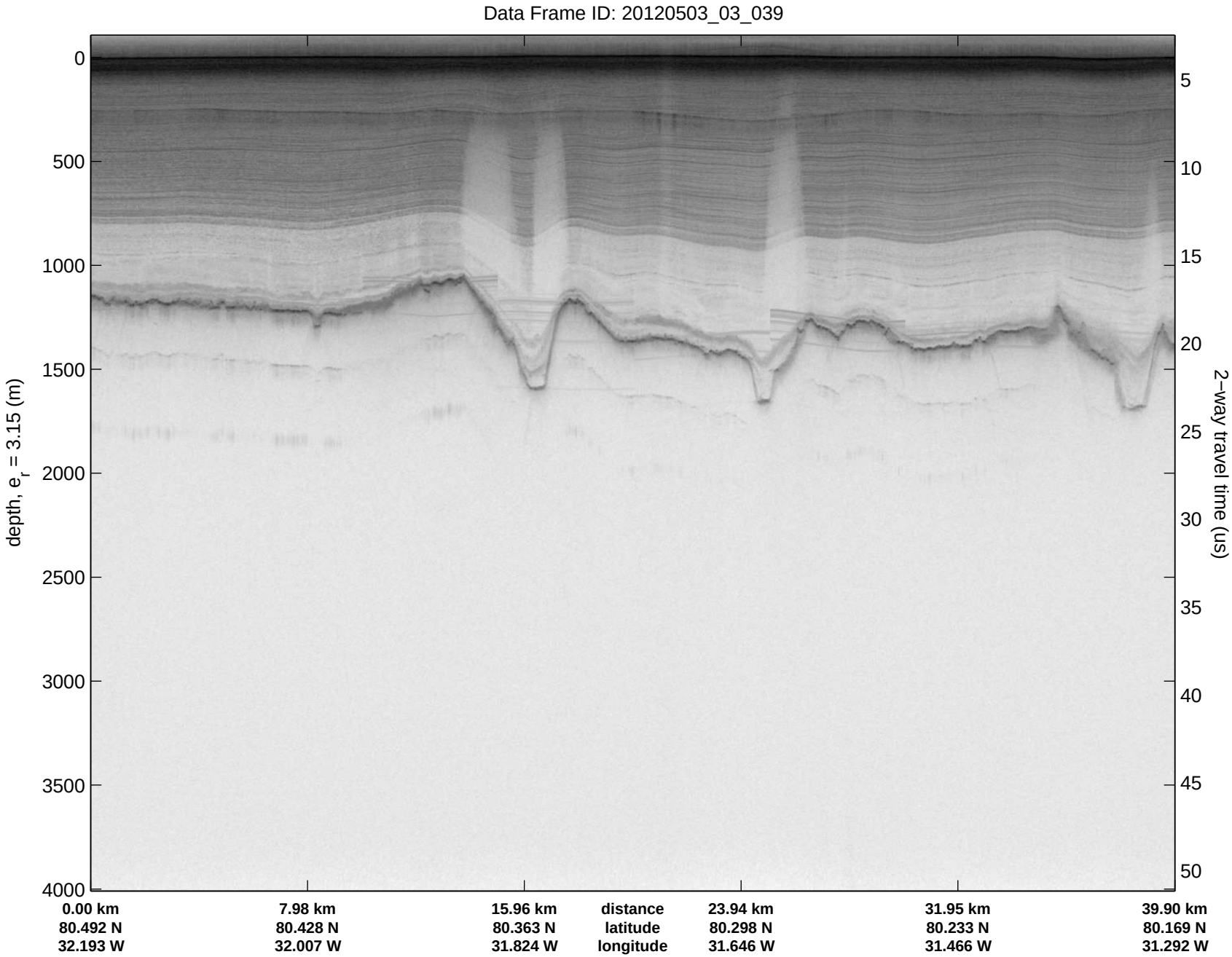

Data Frame ID: 20120503_03_038
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.831 N
32.392 W
9.66 km
80.784 N
32.843 W
19.29 km
80.704 N
32.893 W
distance
latitude
longitude
28.92 km
80.631 N
32.605 W
38.55 km
80.554 N
32.370 W
48.15 km
80.477 N
32.147 W

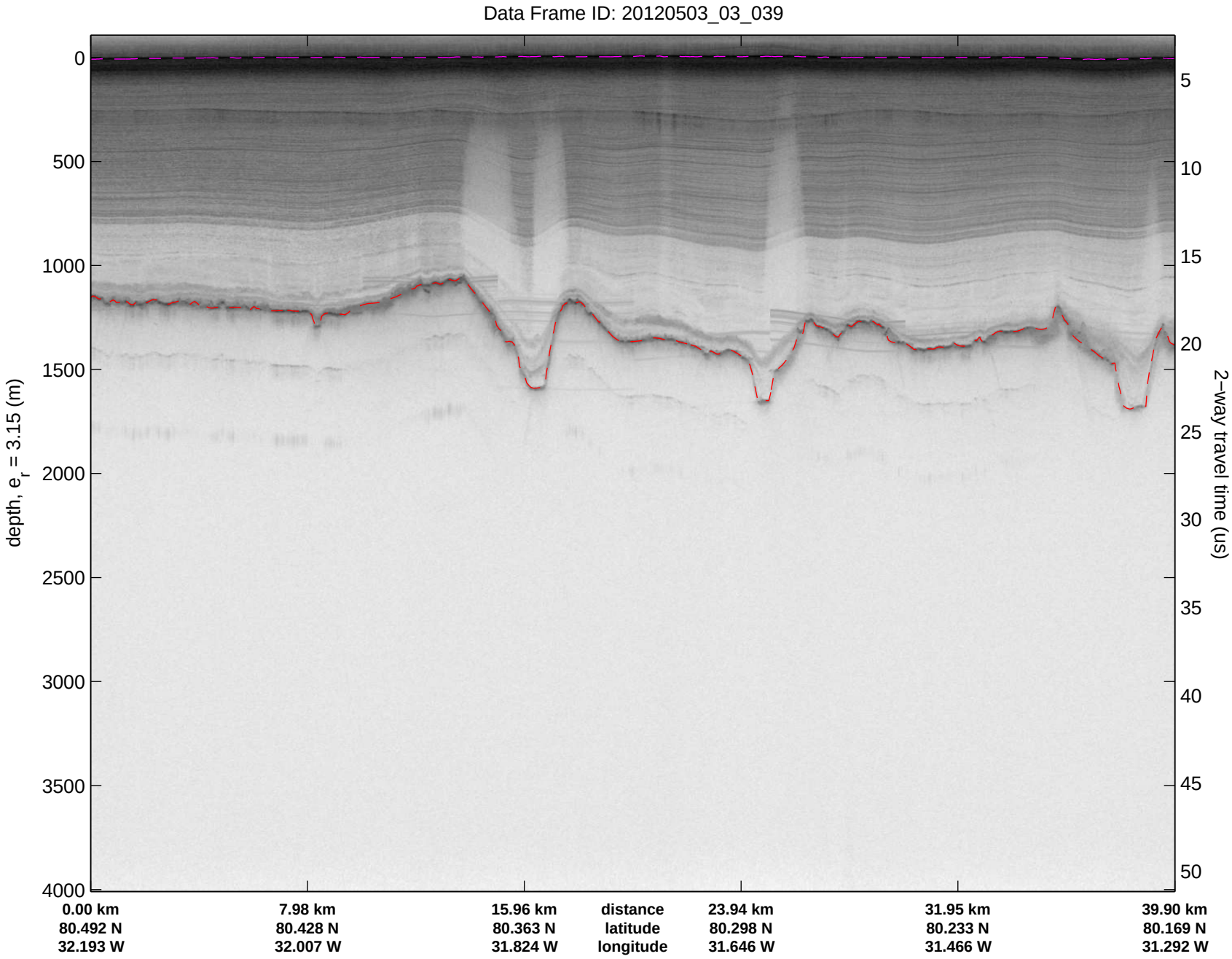

Data Frame ID: 20120503_03_038
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.831 N
32.392 W
9.66 km
80.784 N
32.843 W
19.29 km
80.704 N
32.893 W
distance
latitude
longitude
28.92 km
80.631 N
32.605 W
38.55 km
80.554 N
32.370 W
48.15 km
80.477 N
32.147 W

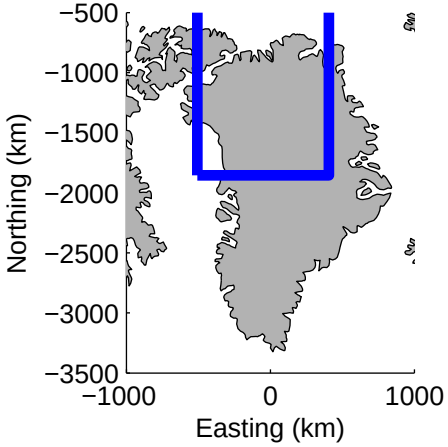

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

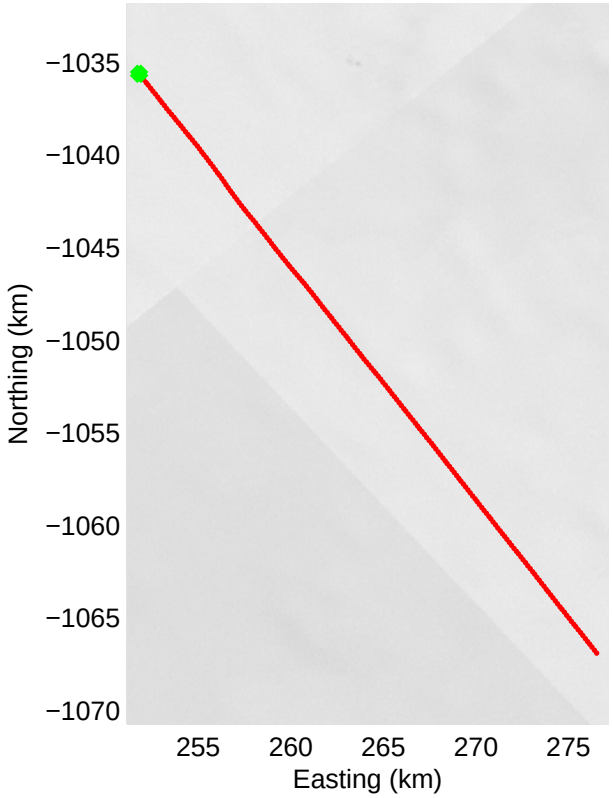
−1005
−1010
−1015
−1020
−1025
−1030
−1035
−1040
Northing (km)
230
235
240
245
250
Easting (km)

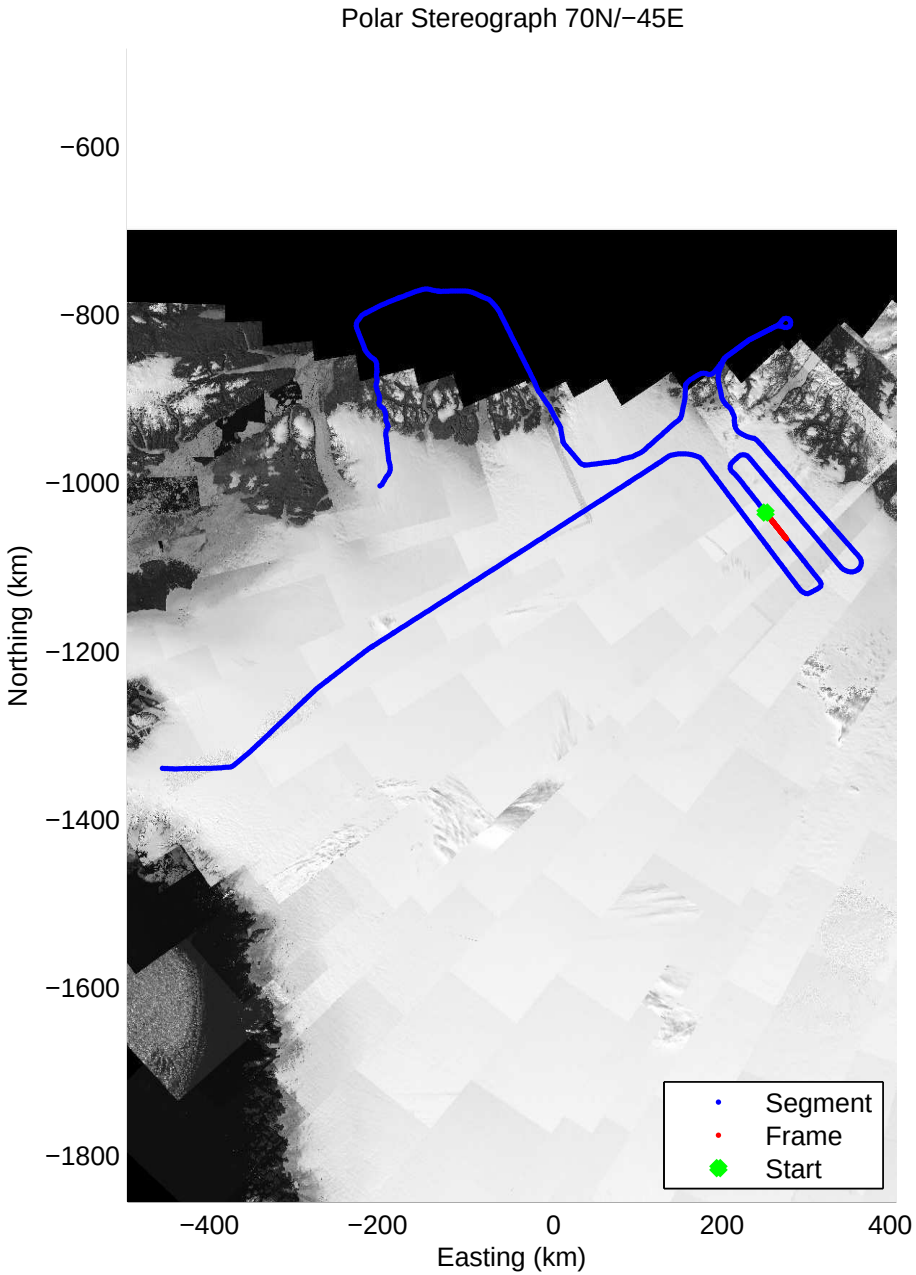

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

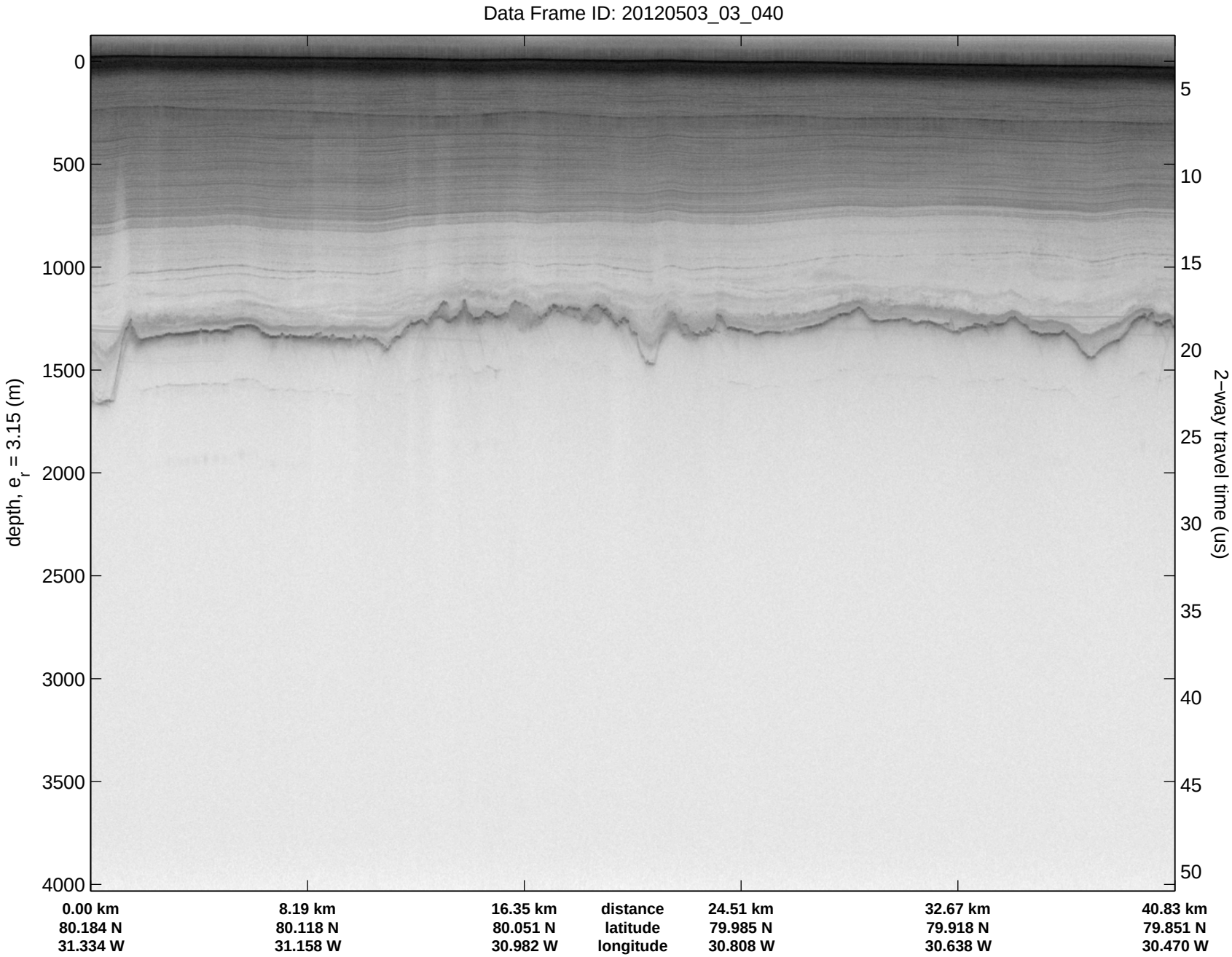

Data Frame ID: 20120503_03_039
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.492 N
32.193 W
7.98 km
80.428 N
32.007 W
15.96 km
80.363 N
31.824 W
distance
latitude
longitude
23.94 km
80.298 N
31.646 W
31.95 km
80.233 N
31.466 W
39.90 km
80.169 N
31.292 W

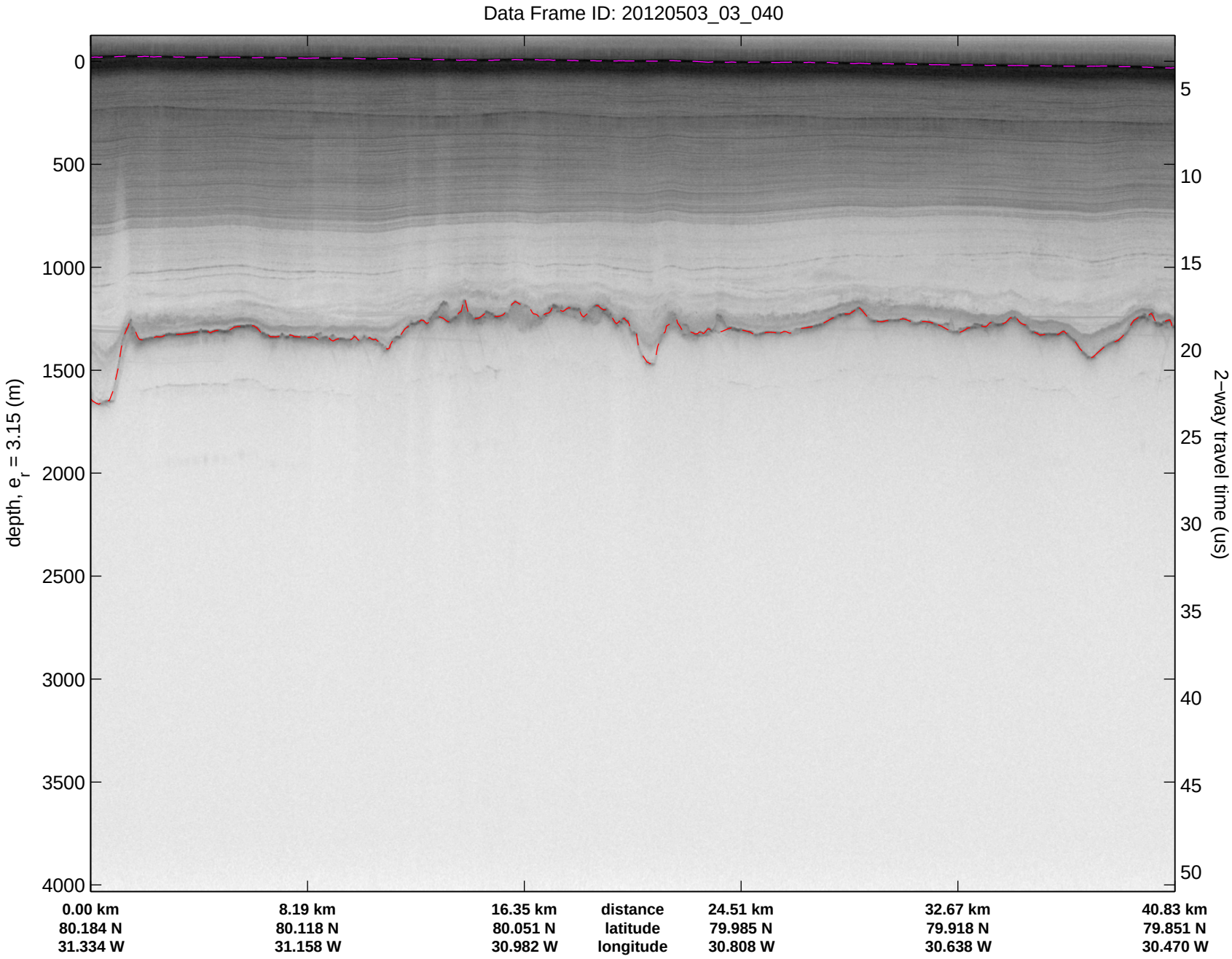

Data Frame ID: 20120503_03_039
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.492 N
32.193 W
7.98 km
80.428 N
32.007 W
15.96 km
80.363 N
31.824 W
distance
latitude
longitude
23.94 km
80.298 N
31.646 W
31.95 km
80.233 N
31.466 W
39.90 km
80.169 N
31.292 W

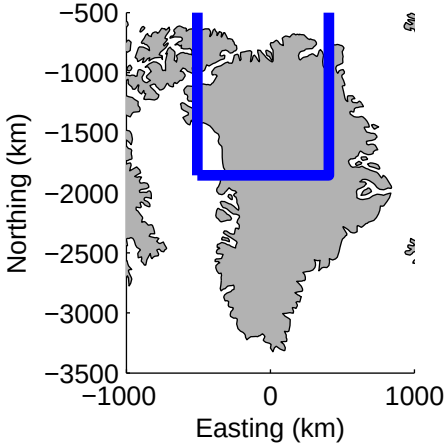

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

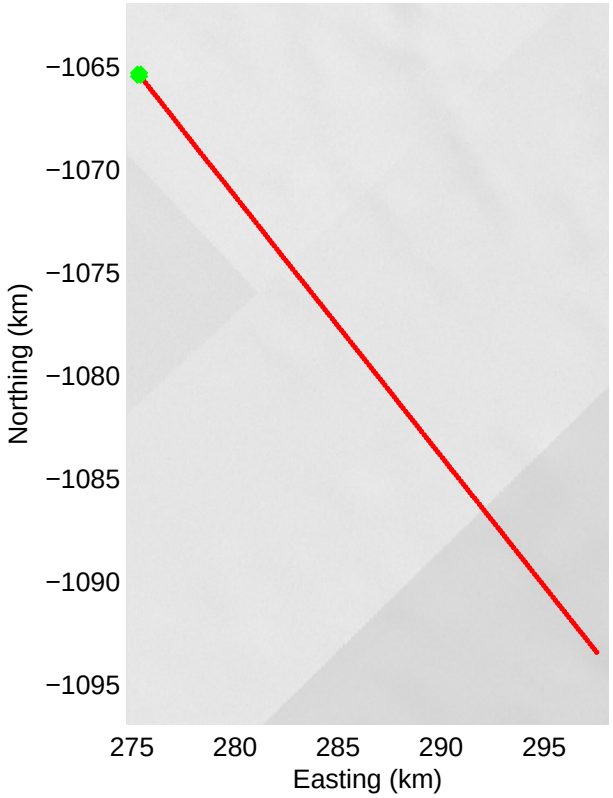

−1035
−1040
−1045
−1050
−1055
−1060
−1065
−1070
Northing (km)
255
260
265
270
275
Easting (km)

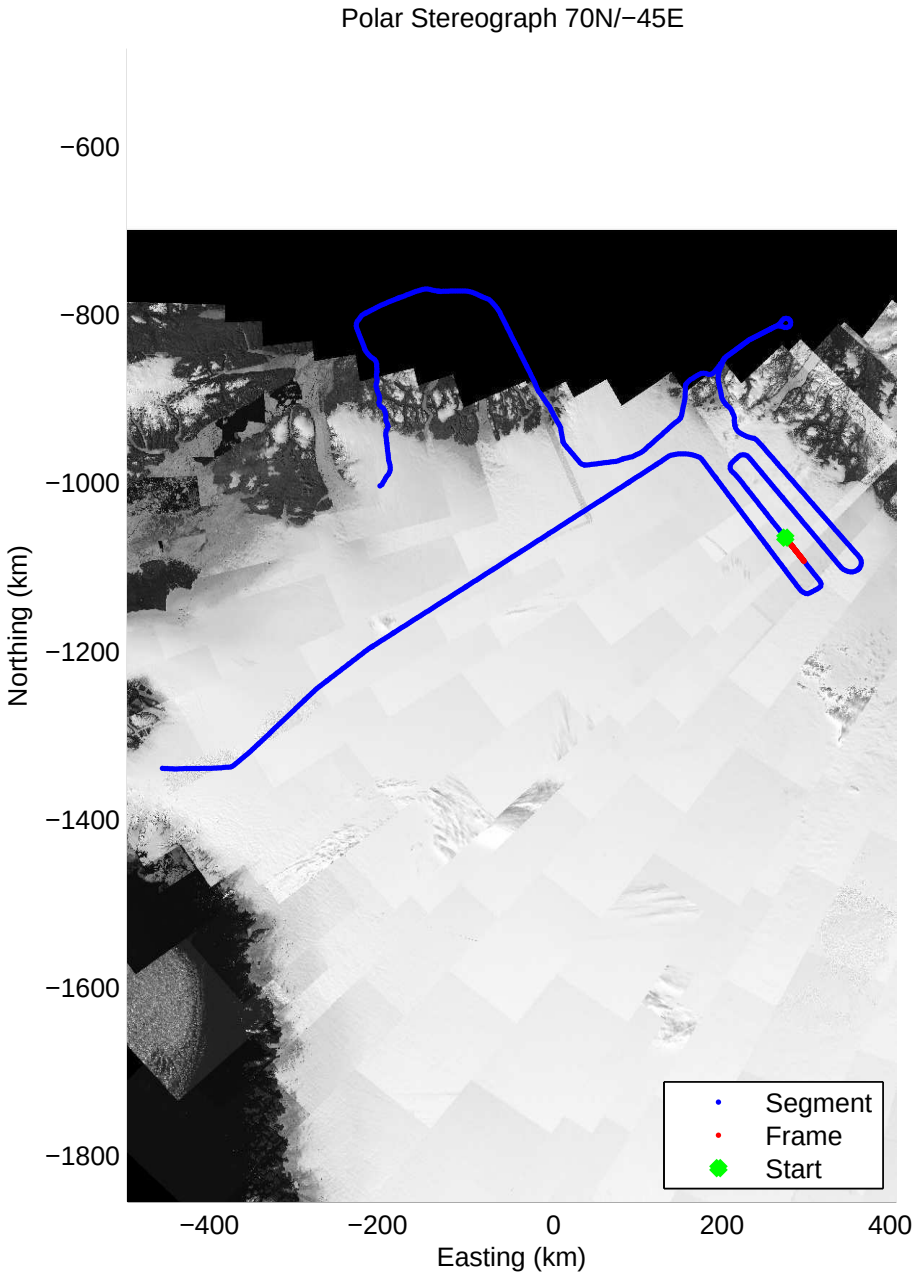

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

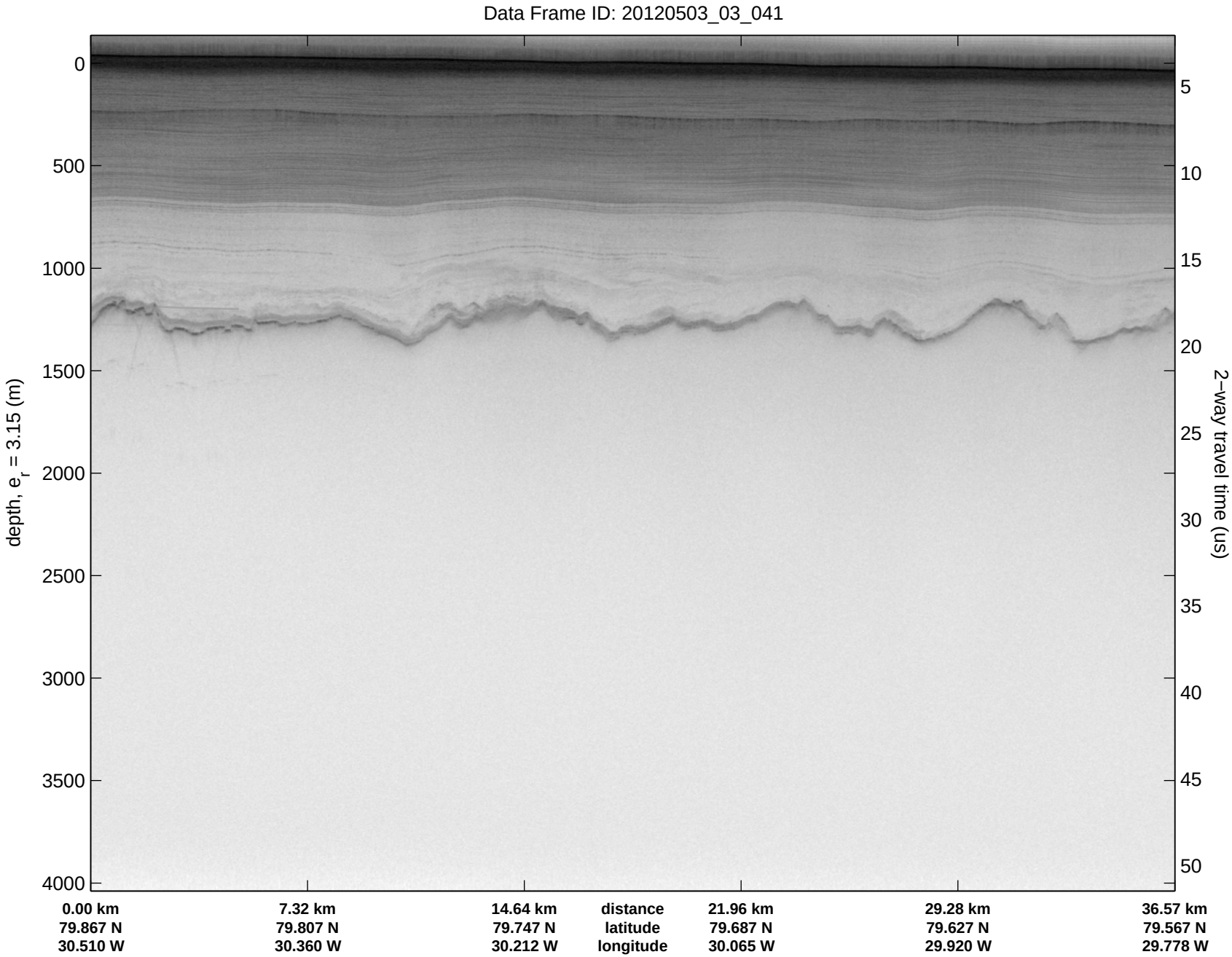

Data Frame ID: 20120503_03_040
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.184 N
31.334 W
8.19 km
80.118 N
31.158 W
16.35 km
80.051 N
30.982 W
distance
latitude
longitude
24.51 km
79.985 N
30.808 W
32.67 km
79.918 N
30.638 W
40.83 km
79.851 N
30.470 W

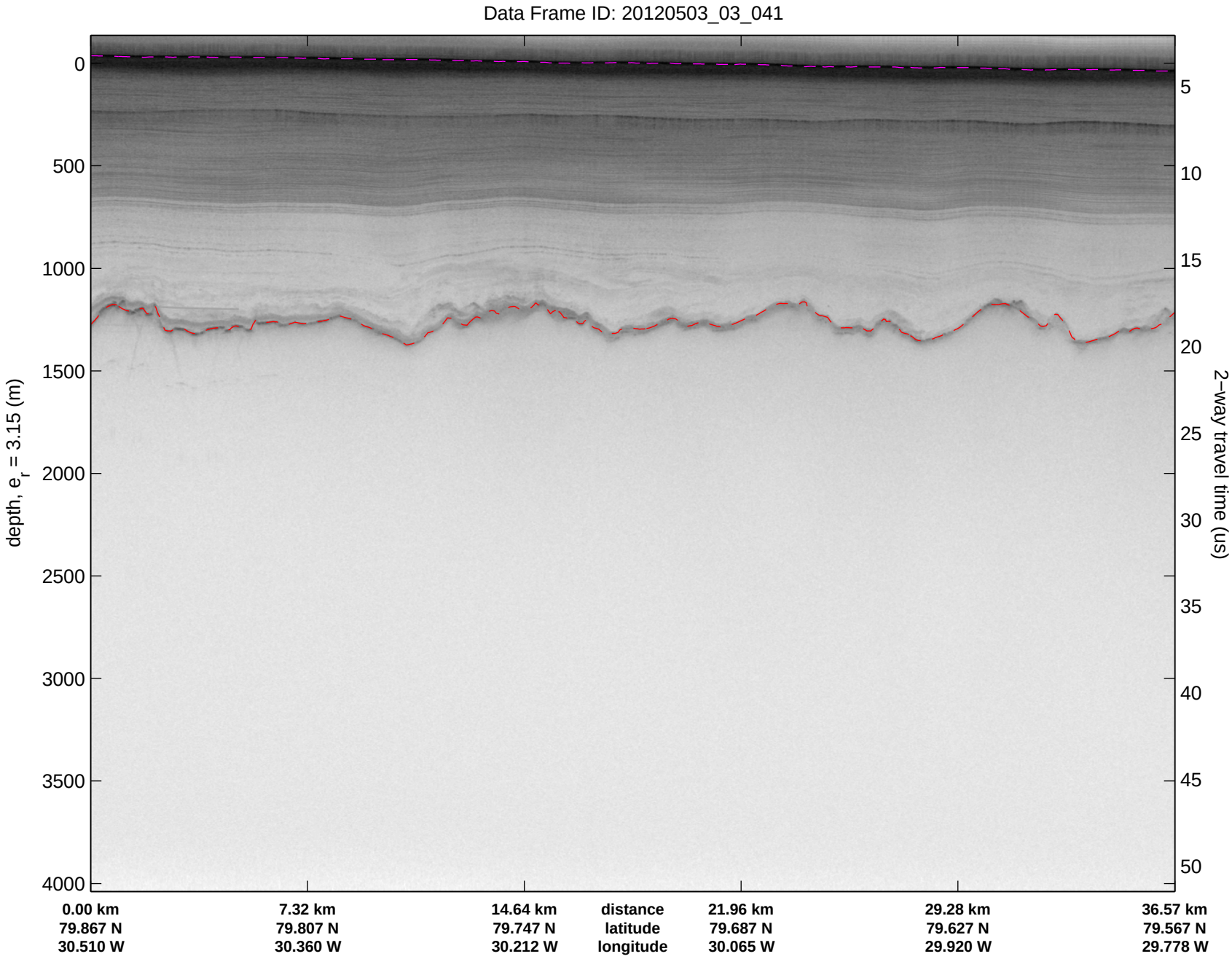

Data Frame ID: 20120503_03_040
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.184 N
31.334 W
8.19 km
80.118 N
31.158 W
16.35 km
80.051 N
30.982 W
distance
latitude
longitude
24.51 km
79.985 N
30.808 W
32.67 km
79.918 N
30.638 W
40.83 km
79.851 N
30.470 W

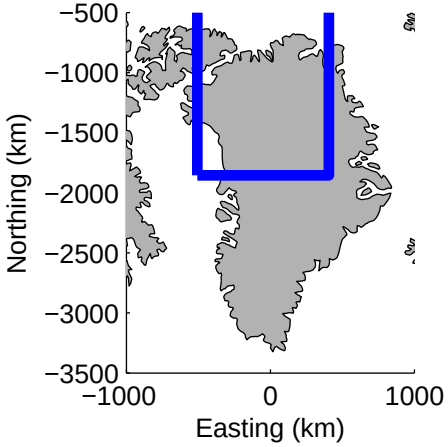

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

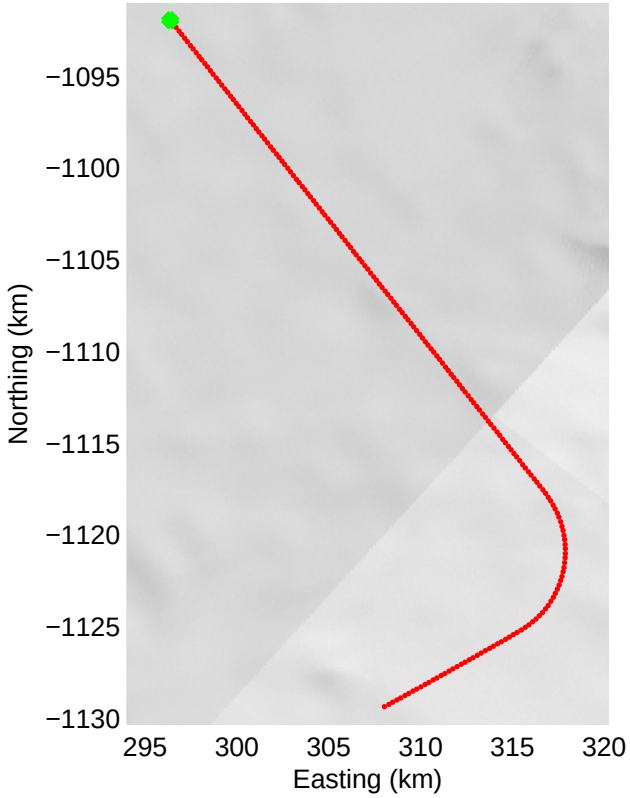

−1065
−1070
−1075
−1080
−1085
−1090
−1095
Northing (km)
275
280
285
290
295
Easting (km)

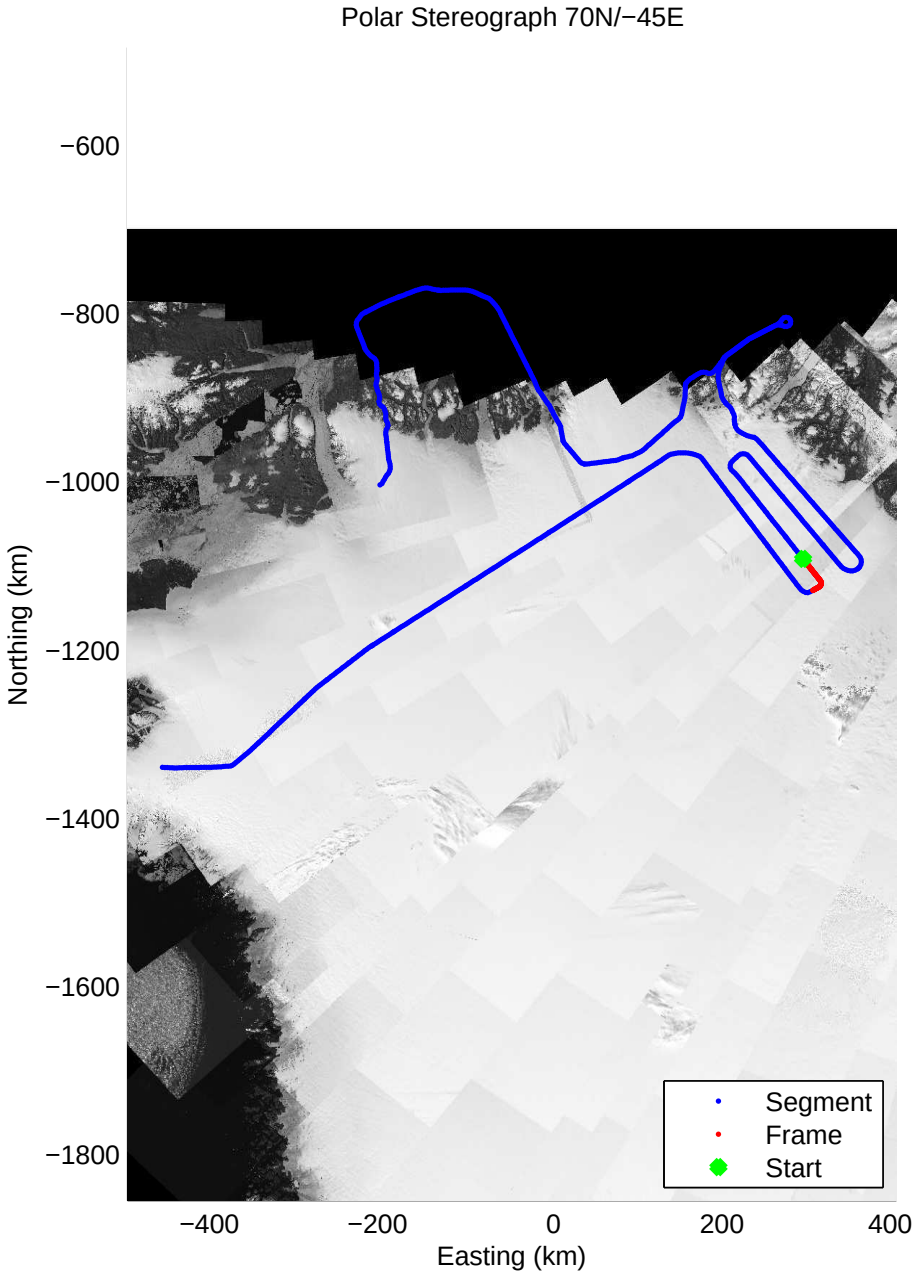

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

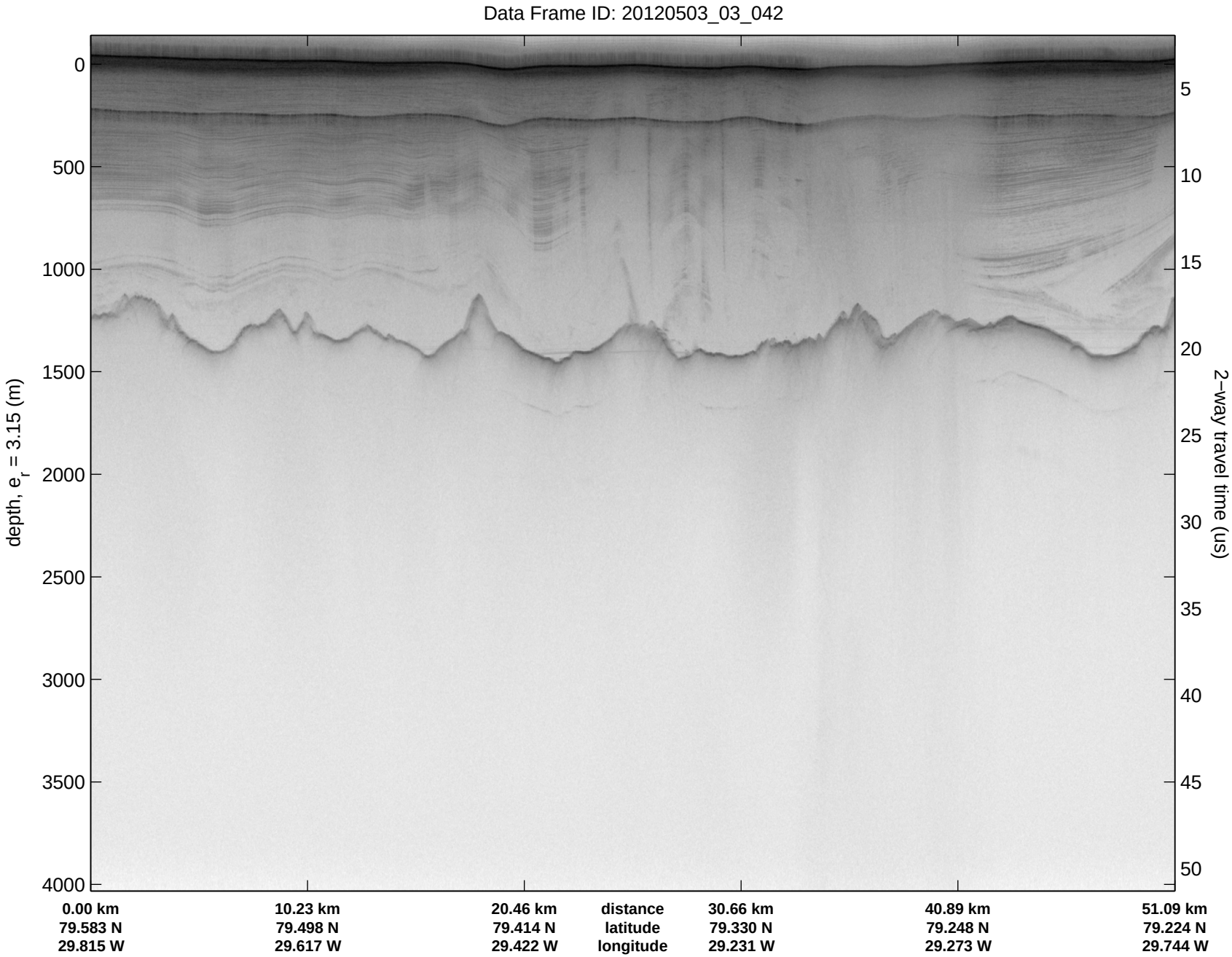

Data Frame ID: 20120503_03_041
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.867 N
30.510 W
7.32 km
79.807 N
30.360 W
14.64 km
79.747 N
30.212 W
distance
latitude
longitude
21.96 km
79.687 N
30.065 W
29.28 km
79.627 N
29.920 W
36.57 km
79.567 N
29.778 W

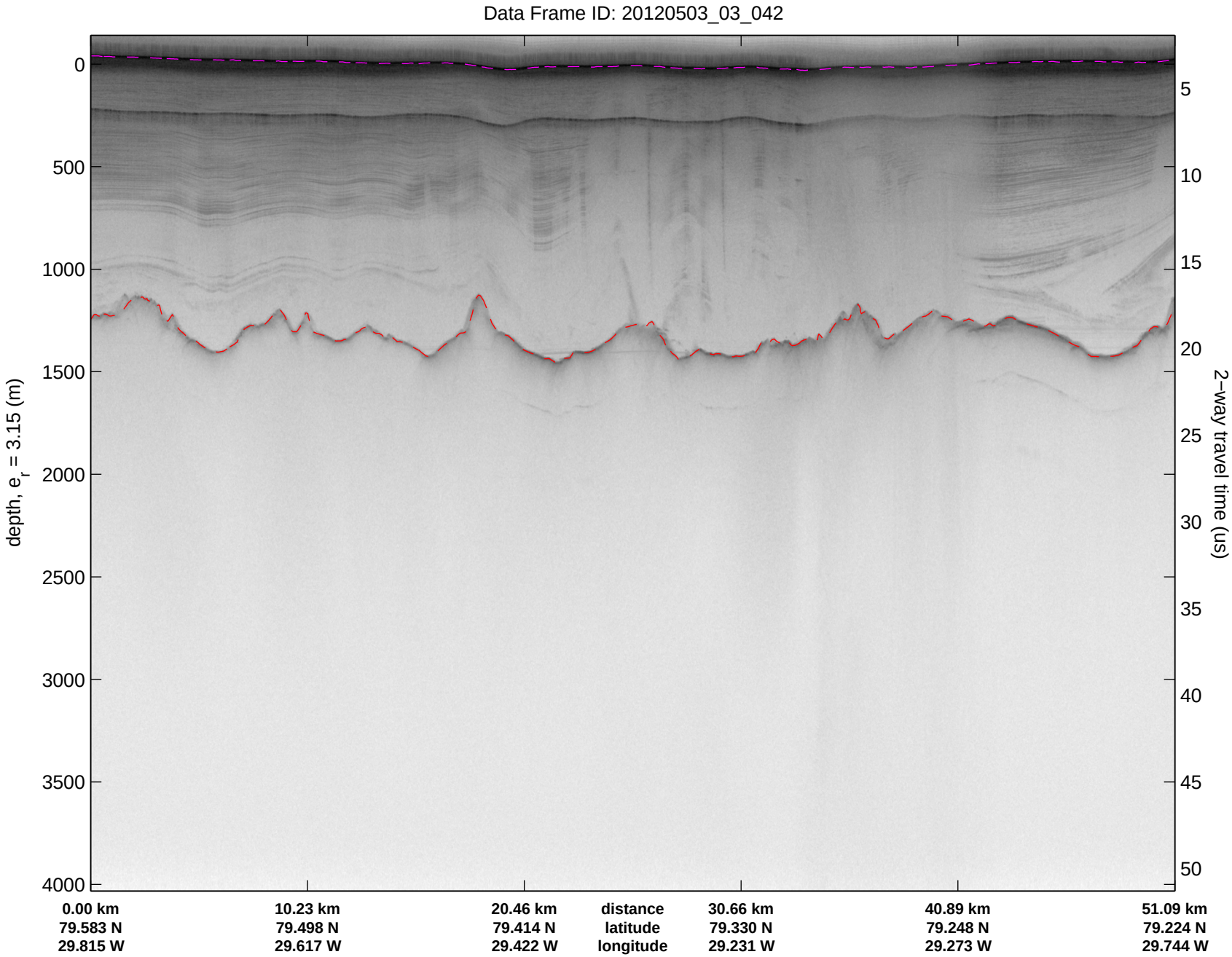

Data Frame ID: 20120503_03_041
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.867 N
30.510 W
7.32 km
79.807 N
30.360 W
14.64 km
79.747 N
30.212 W
distance
latitude
longitude
21.96 km
79.687 N
30.065 W
29.28 km
79.627 N
29.920 W
36.57 km
79.567 N
29.778 W

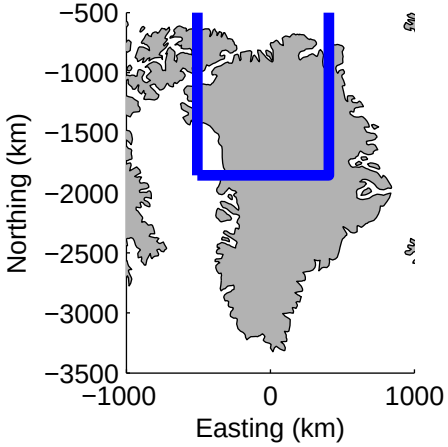

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

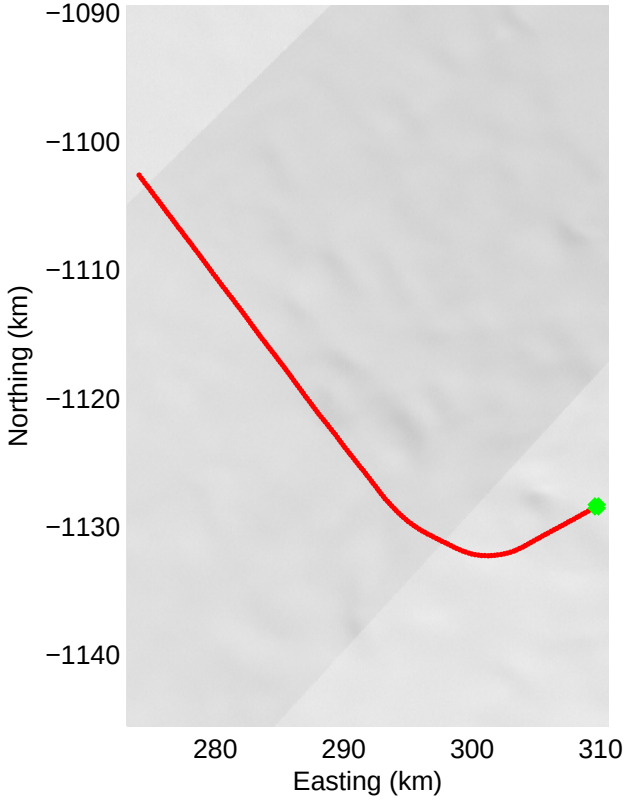

−1095
−1100
−1105
−1110
−1115
−1120
−1125
−1130
Northing (km)
295
300
305
310
315
320
Easting (km)

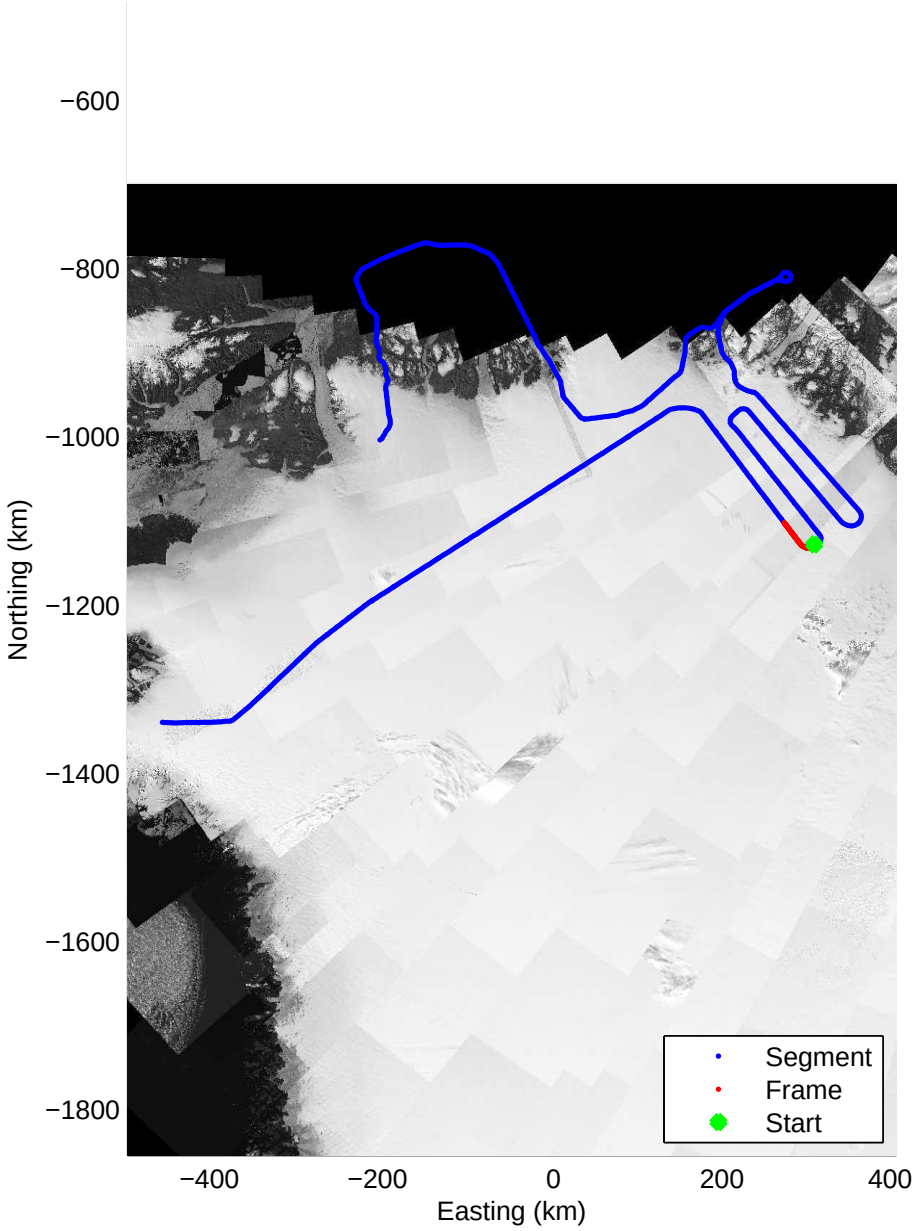

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

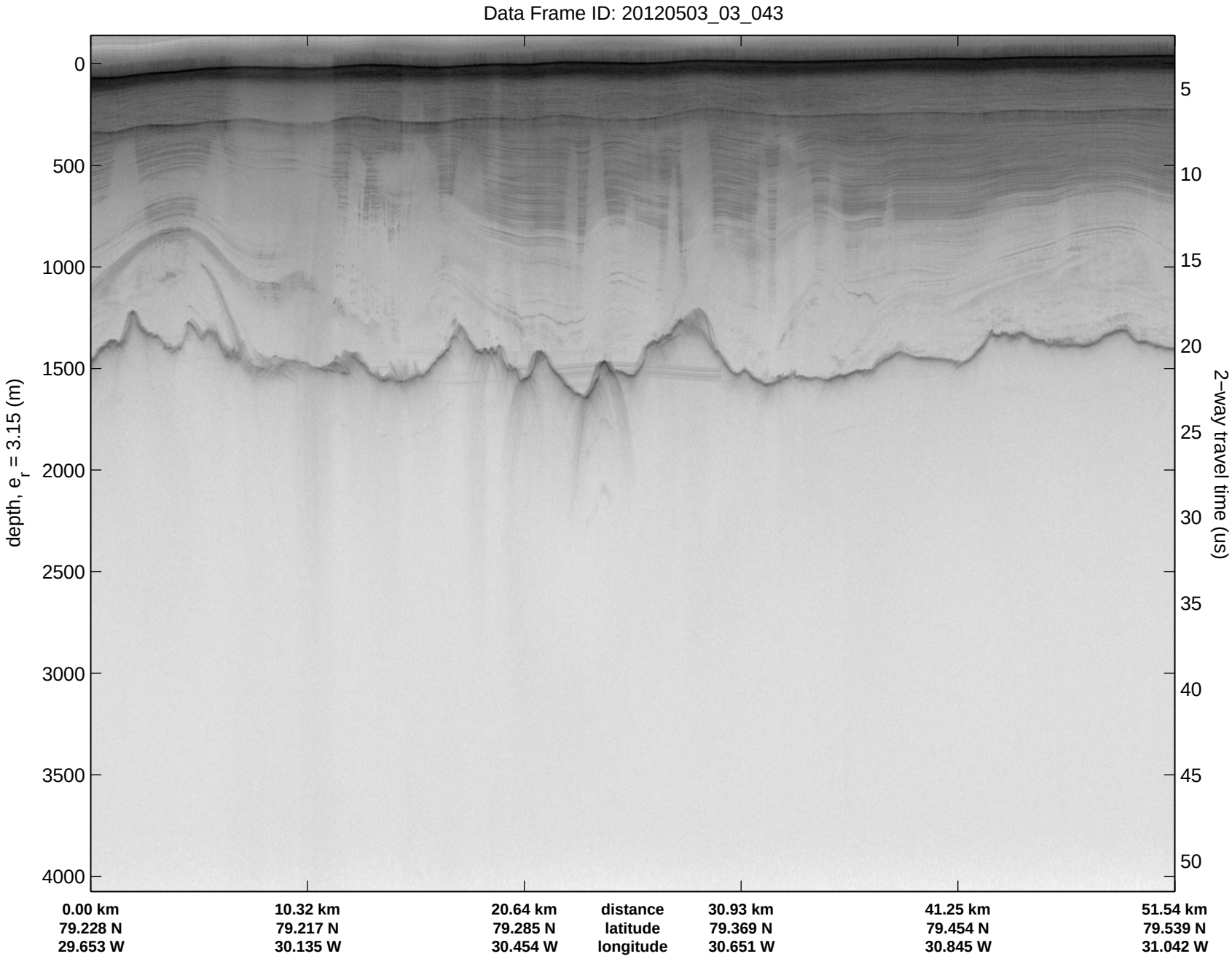

Data Frame ID: 20120503_03_042
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.583 N
29.815 W
10.23 km
79.498 N
29.617 W
20.46 km
79.414 N
29.422 W
distance
latitude
longitude
30.66 km
79.330 N
29.231 W
40.89 km
79.248 N
29.273 W
51.09 km
79.224 N
29.744 W

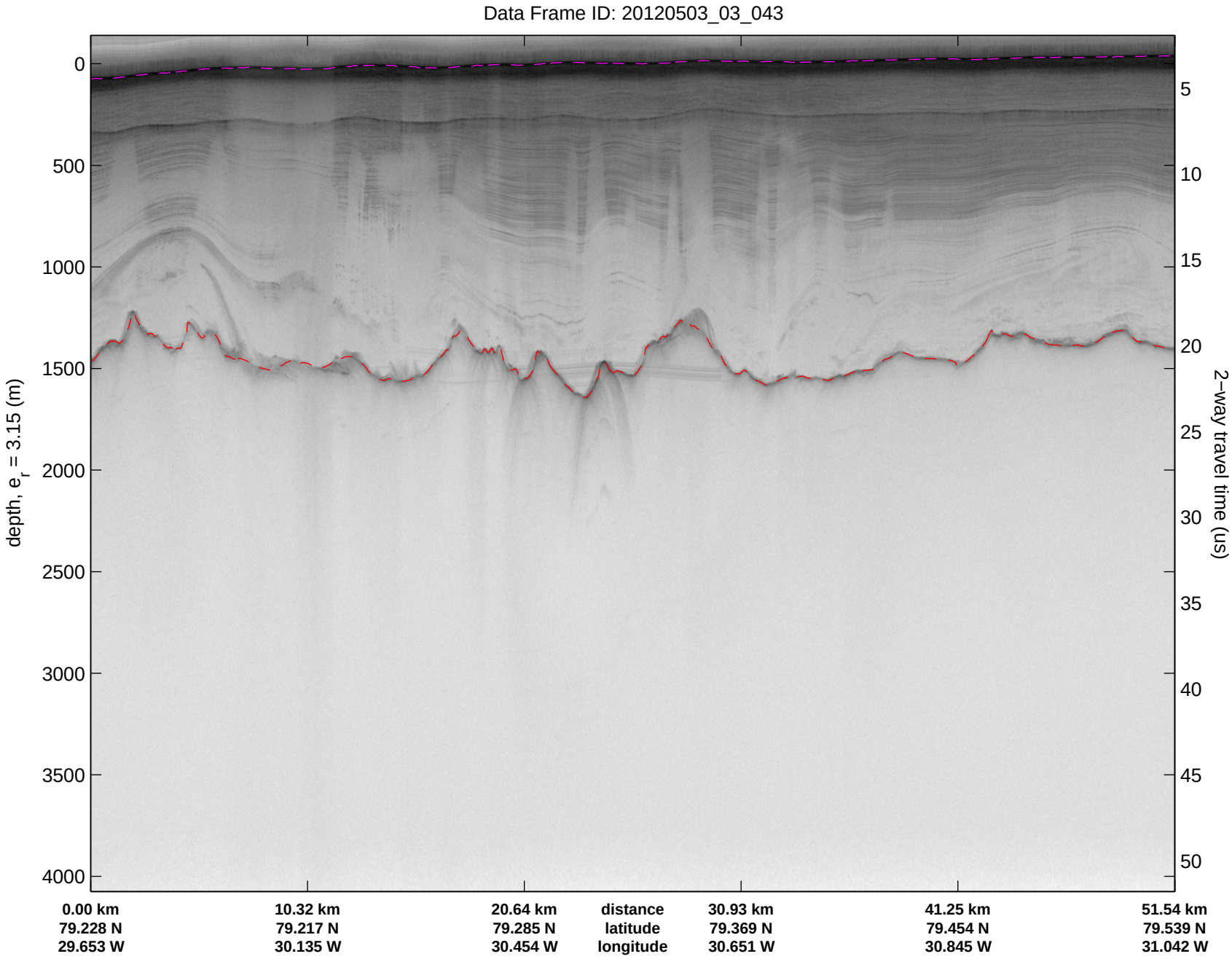

Data Frame ID: 20120503_03_042
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.583 N
29.815 W
10.23 km
79.498 N
29.617 W
20.46 km
79.414 N
29.422 W
distance
latitude
longitude
30.66 km
79.330 N
29.231 W
40.89 km
79.248 N
29.273 W
51.09 km
79.224 N
29.744 W

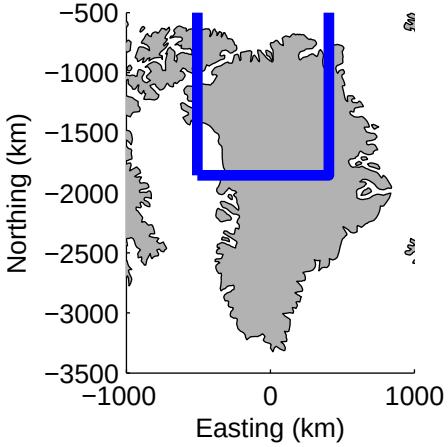

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)


−1090
−1100
−1110
−1120
−1130
−1140
Northing (km)
280
290
300
310
Easting (km)

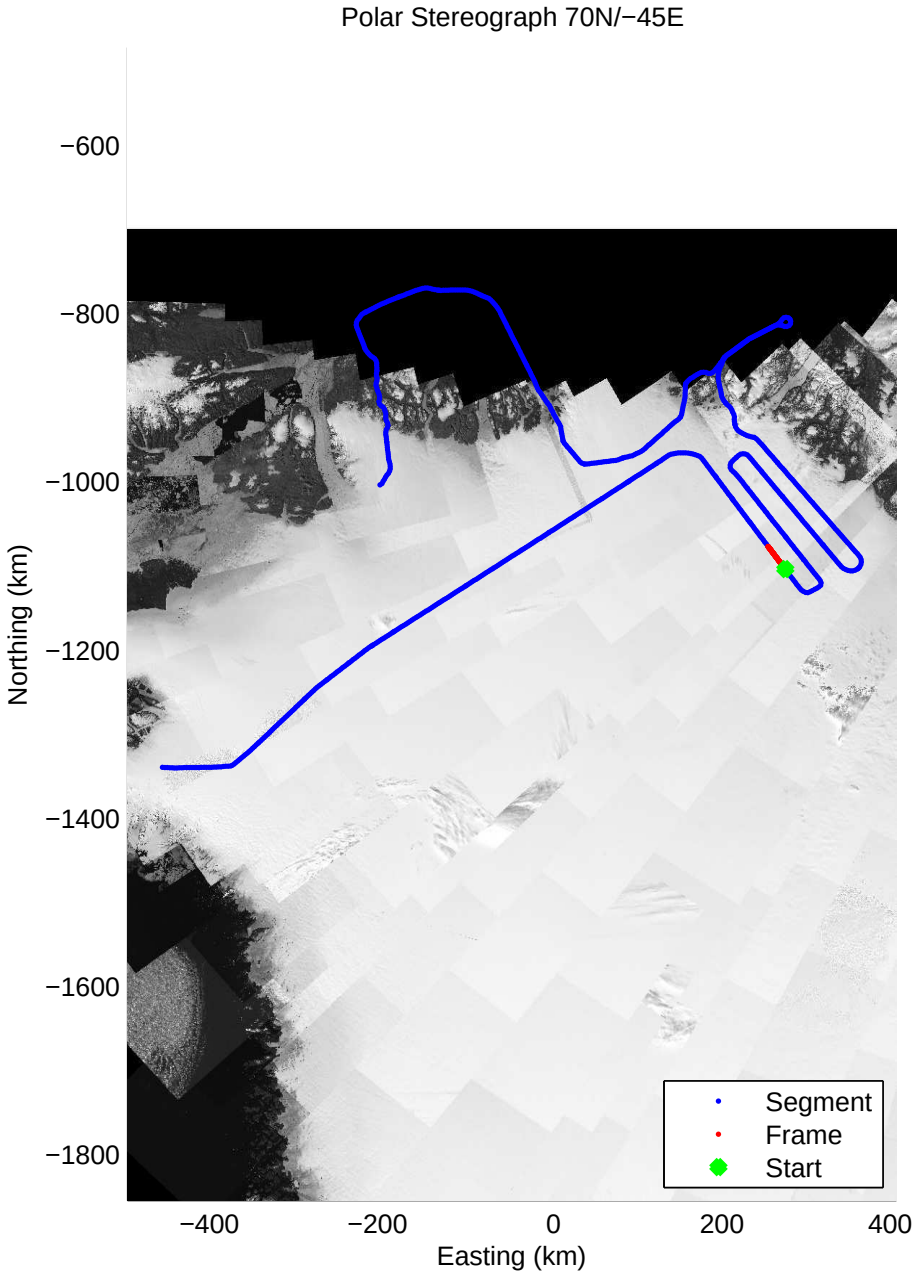

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

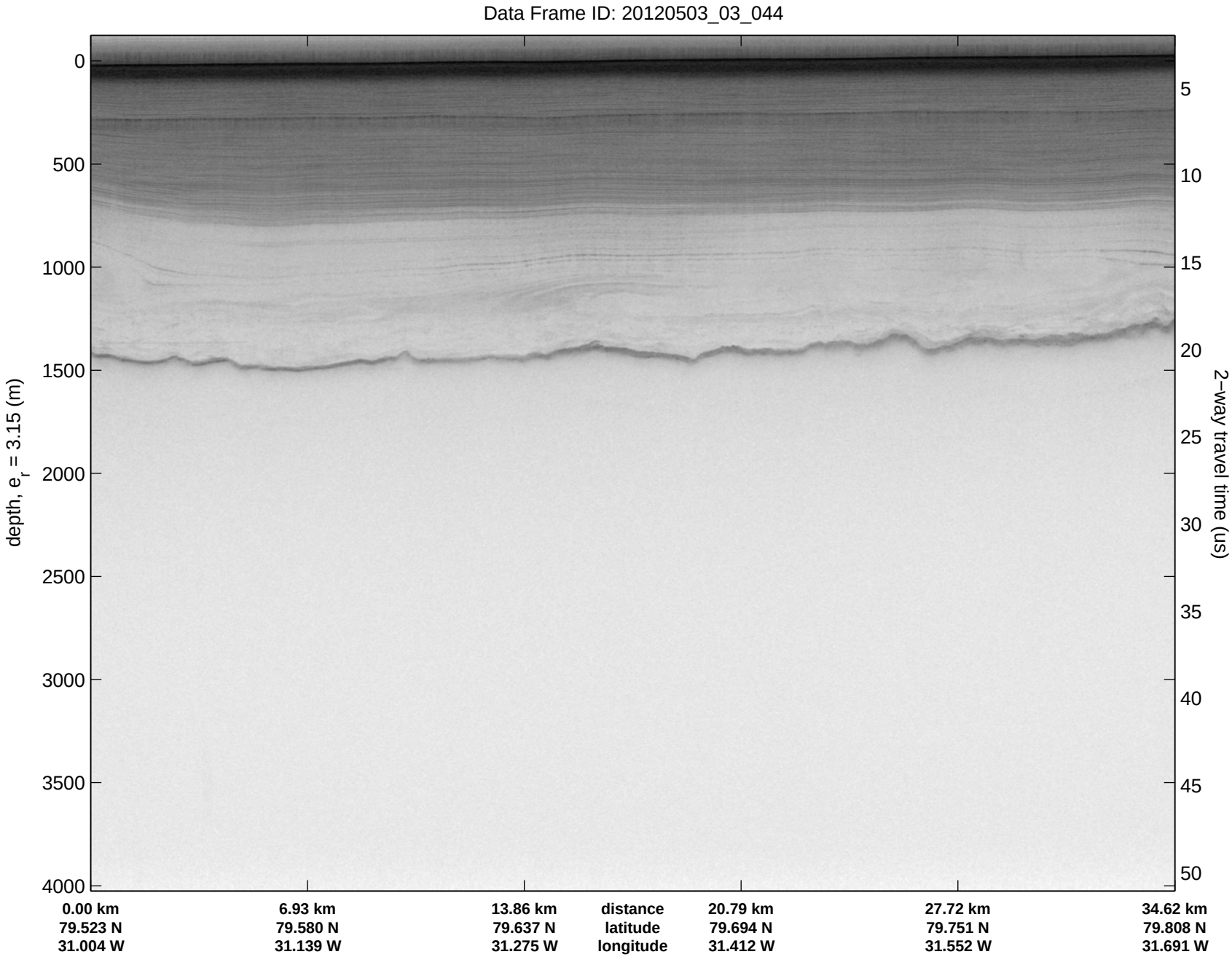

Data Frame ID: 20120503_03_043
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.228 N
29.653 W
10.32 km
79.217 N
30.135 W
20.64 km
79.285 N
30.454 W
distance
latitude
longitude
30.93 km
79.369 N
30.651 W
41.25 km
79.454 N
30.845 W
51.54 km
79.539 N
31.042 W

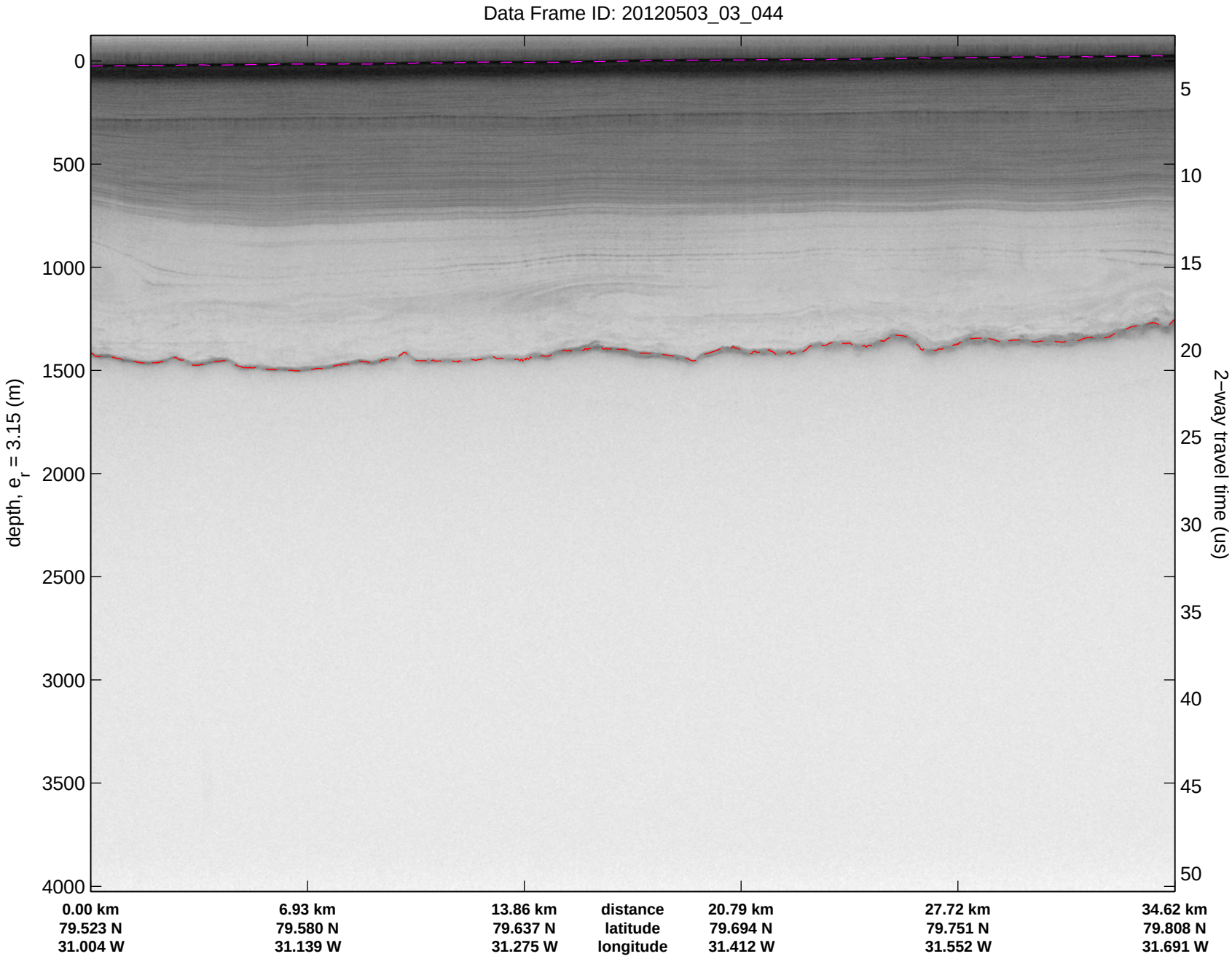

Data Frame ID: 20120503_03_043
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.228 N
29.653 W
10.32 km
79.217 N
30.135 W
20.64 km
79.285 N
30.454 W
distance
latitude
longitude
30.93 km
79.369 N
30.651 W
41.25 km
79.454 N
30.845 W
51.54 km
79.539 N
31.042 W

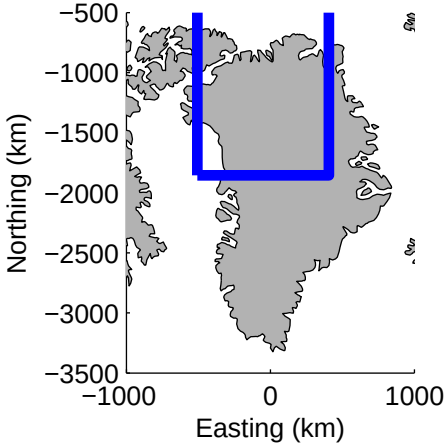

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

−1075
−1080
−1085
−1090
−1095
−1100
−1105
Northing (km)
255
260
265
270
275
Easting (km)

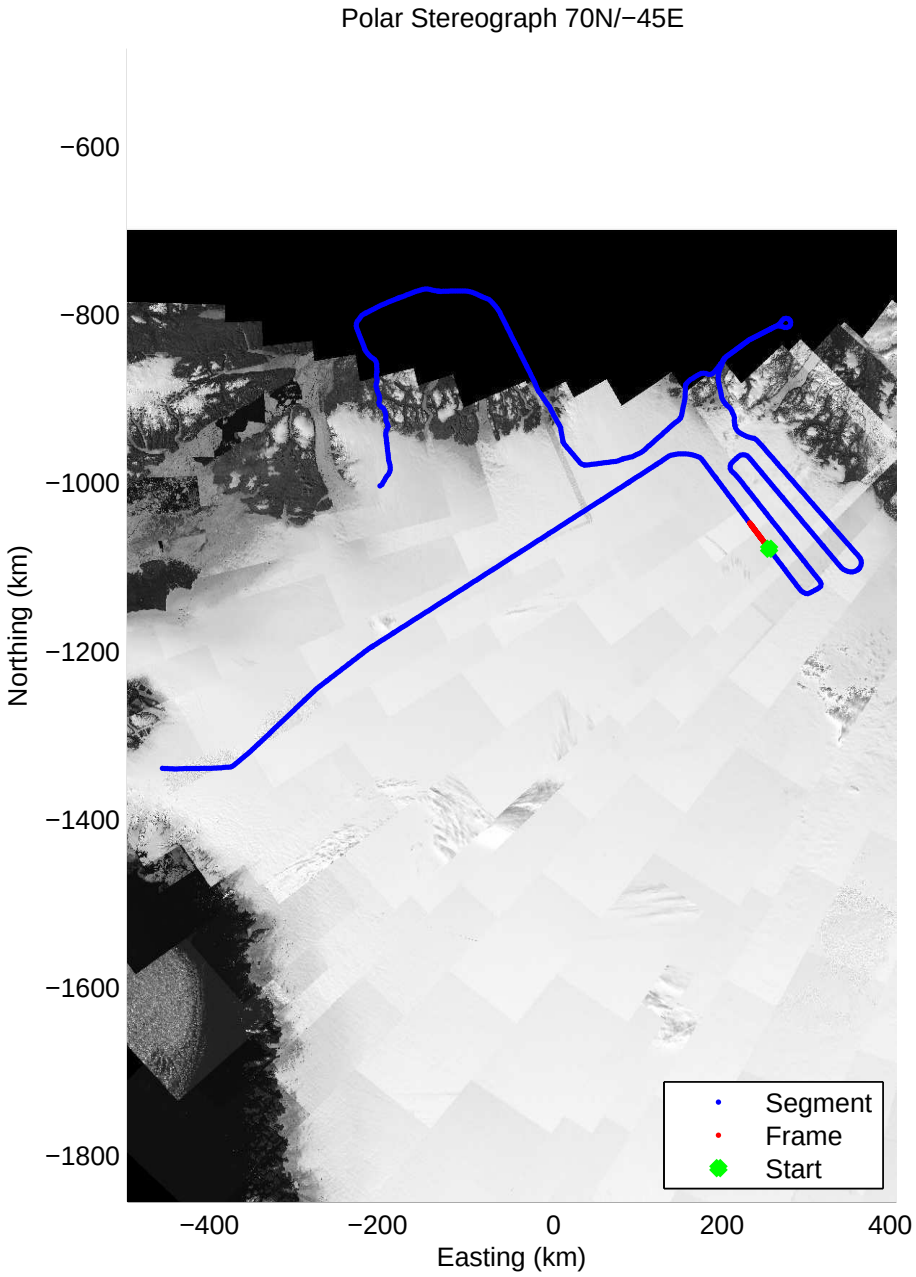

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

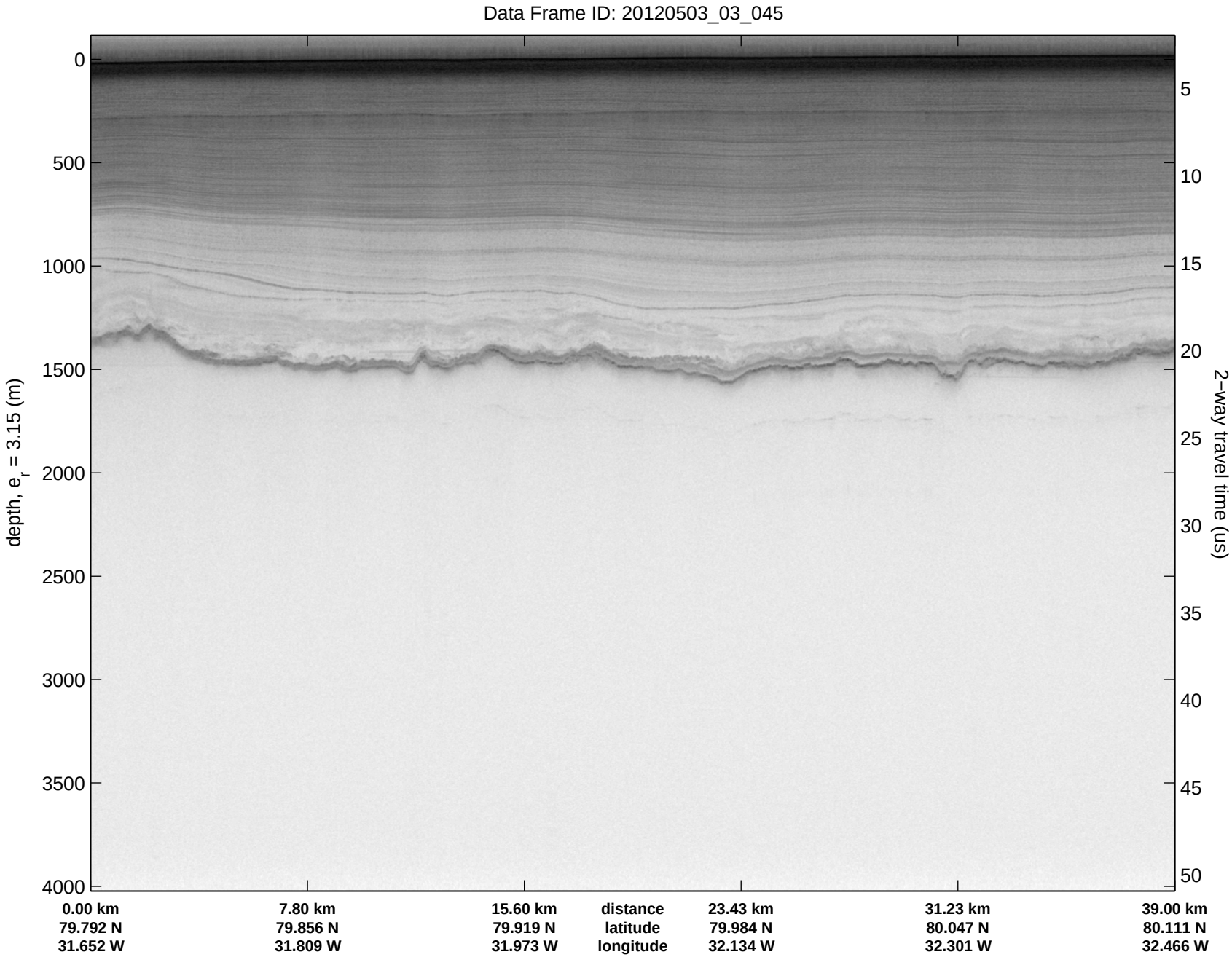

Data Frame ID: 20120503_03_044
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.523 N
31.004 W
6.93 km
79.580 N
31.139 W
13.86 km
79.637 N
31.275 W
distance
latitude
longitude
20.79 km
79.694 N
31.412 W
27.72 km
79.751 N
31.552 W
34.62 km
79.808 N
31.691 W

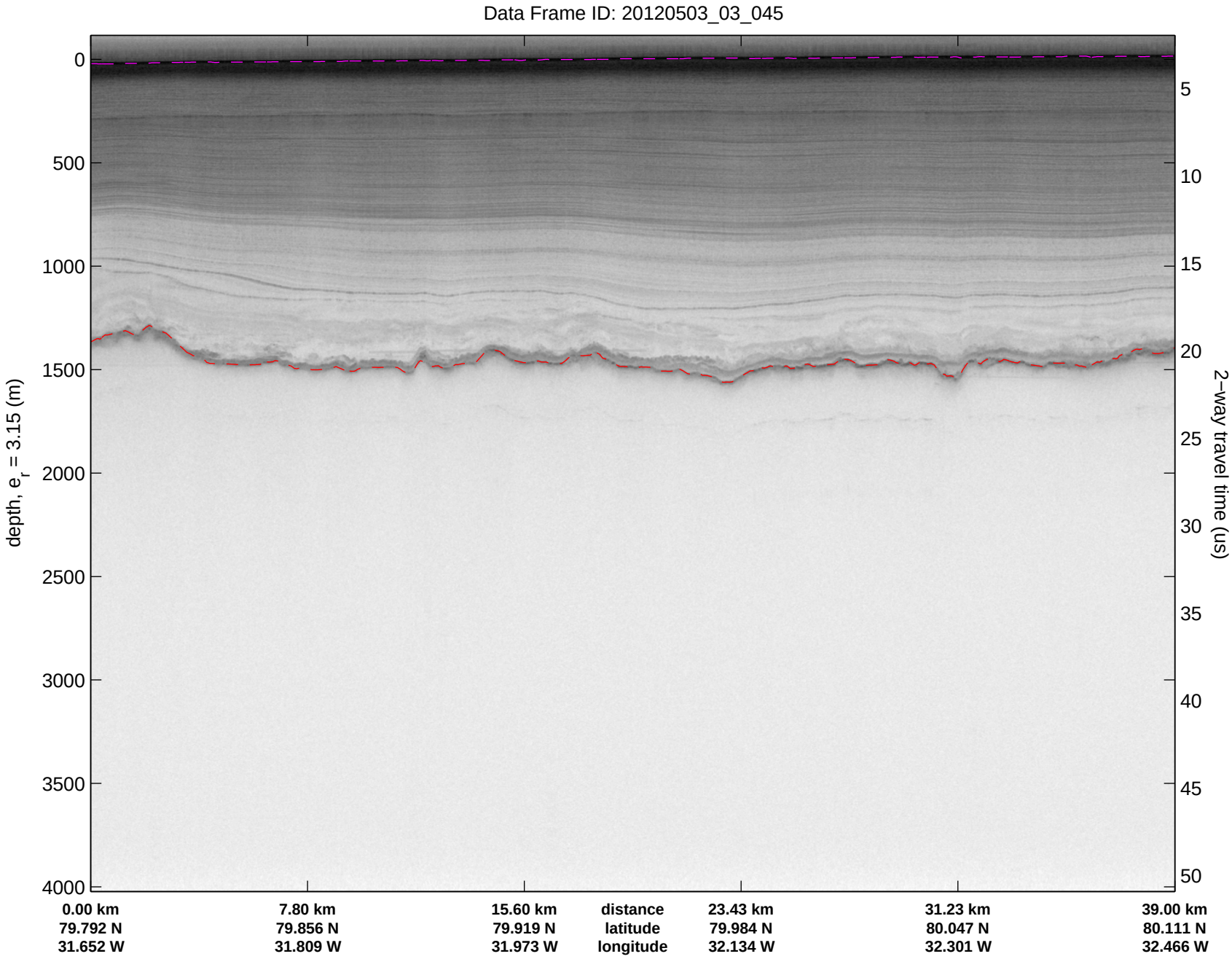

Data Frame ID: 20120503_03_044
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.523 N
31.004 W
6.93 km
79.580 N
31.139 W
13.86 km
79.637 N
31.275 W
distance
latitude
longitude
20.79 km
79.694 N
31.412 W
27.72 km
79.751 N
31.552 W
34.62 km
79.808 N
31.691 W

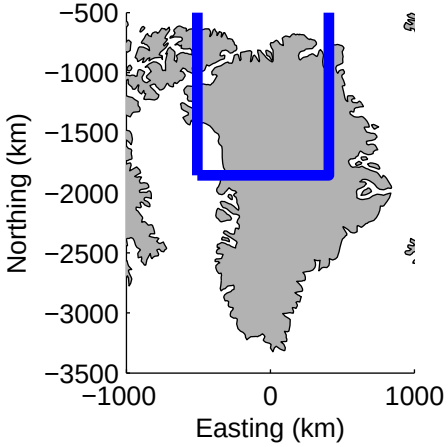

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

−1050
−1055
−1060
−1065
−1070
−1075
−1080
Northing (km)
235
240
245
250
255
Easting (km)

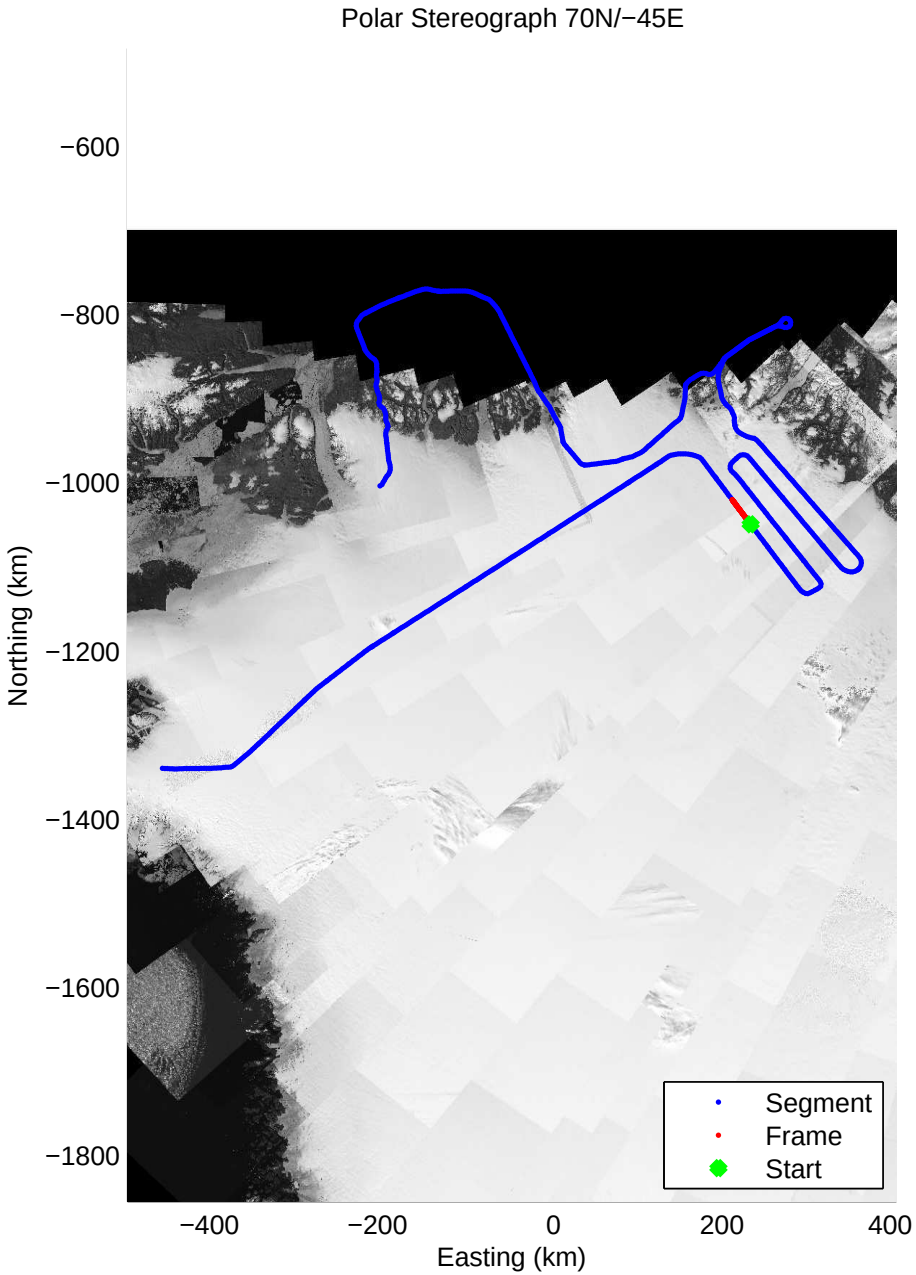

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

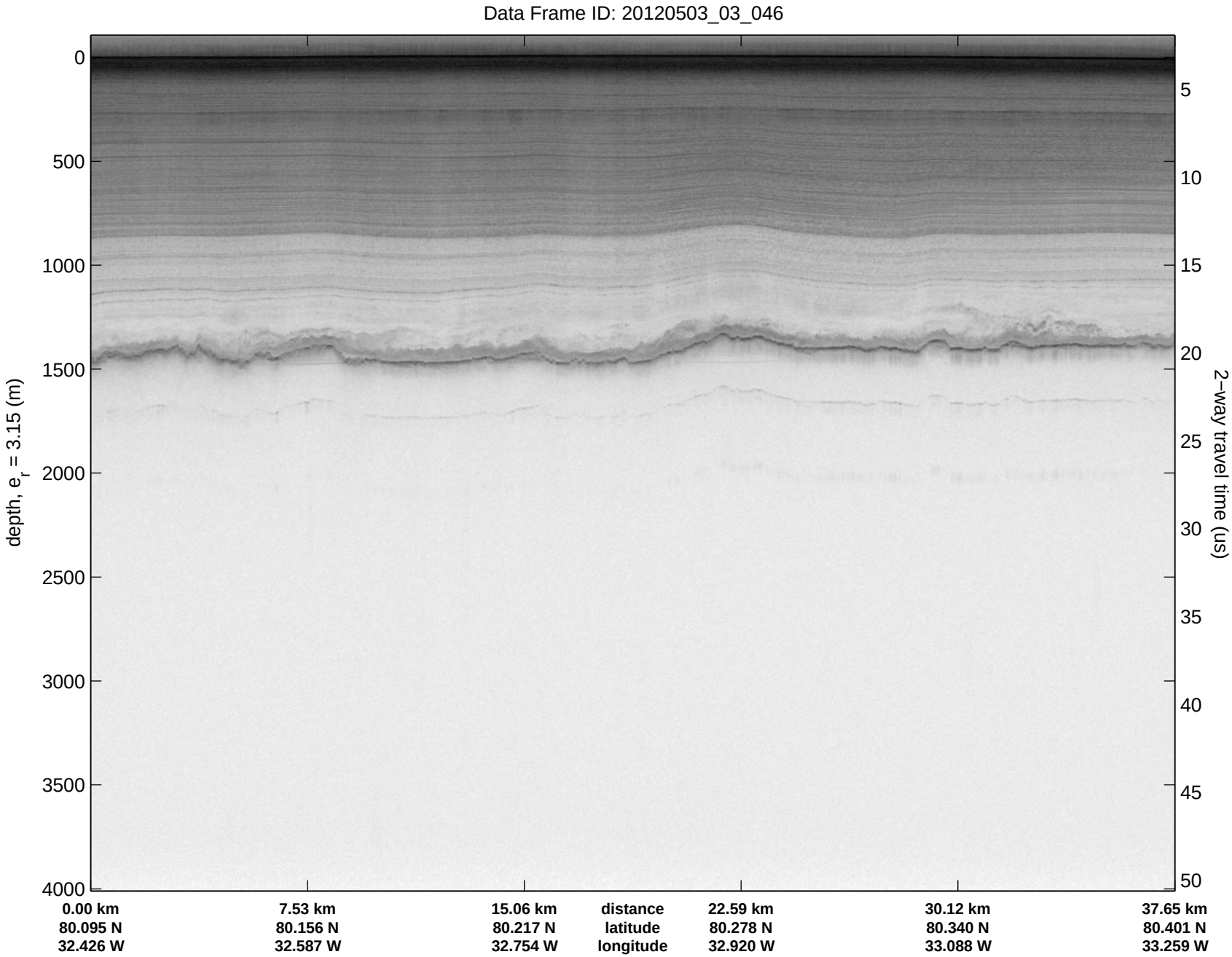

Data Frame ID: 20120503_03_045
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.792 N
31.652 W
7.80 km
79.856 N
31.809 W
15.60 km
79.919 N
31.973 W
distance
latitude
longitude
23.43 km
79.984 N
32.134 W
31.23 km
80.047 N
32.301 W
39.00 km
80.111 N
32.466 W

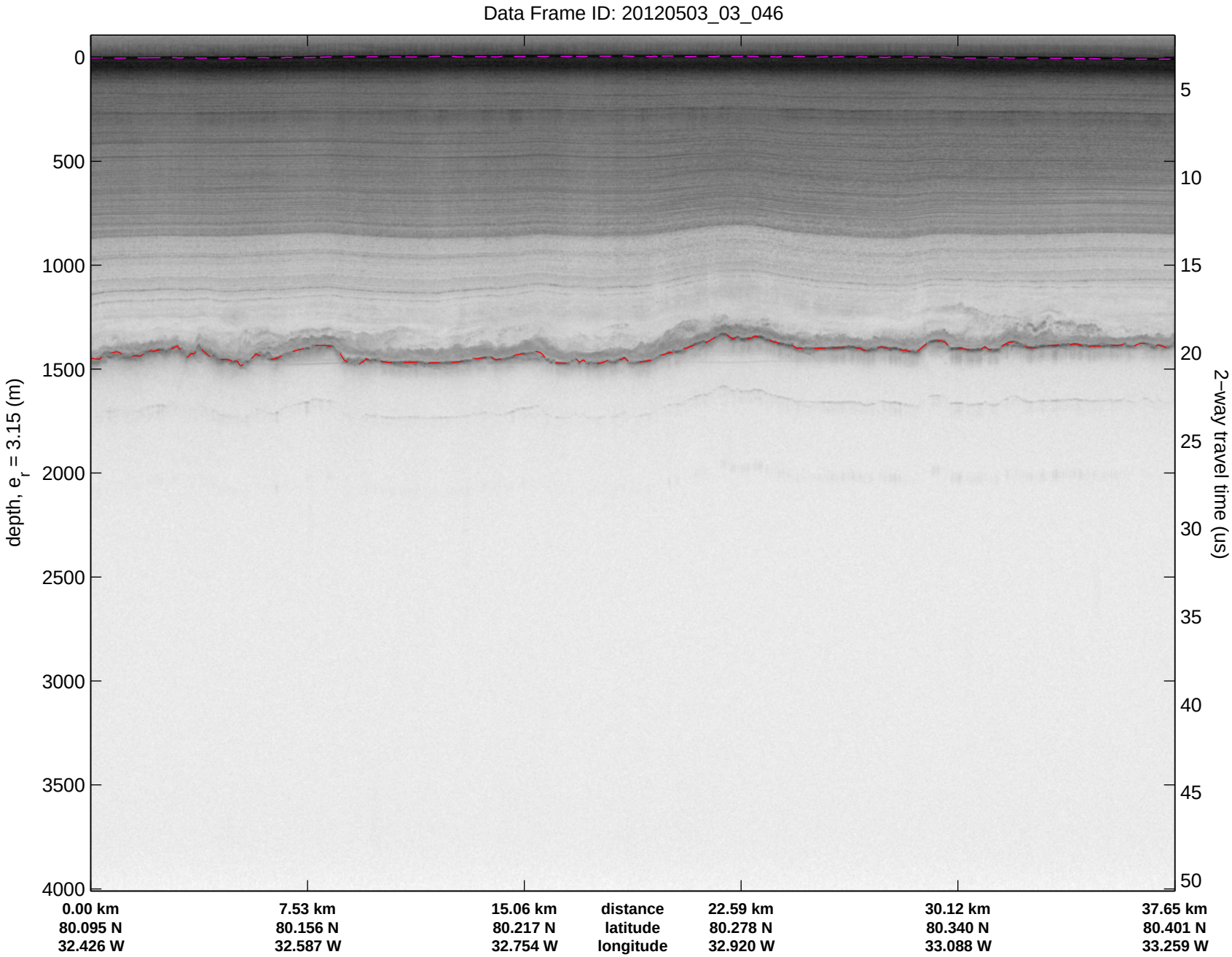

Data Frame ID: 20120503_03_045
depth, e_r = 3.15 (m)
2−way travel time (us)
0
500
1000
1500
2000
2500
3000
3500
4000
5
10
15
20
25
30
35
40
45
50
0.00 km
79.792 N
31.652 W
7.80 km
79.856 N
31.809 W
15.60 km
79.919 N
31.973 W
distance
latitude
longitude
23.43 km
79.984 N
32.134 W
31.23 km
80.047 N
32.301 W
39.00 km
80.111 N
32.466 W

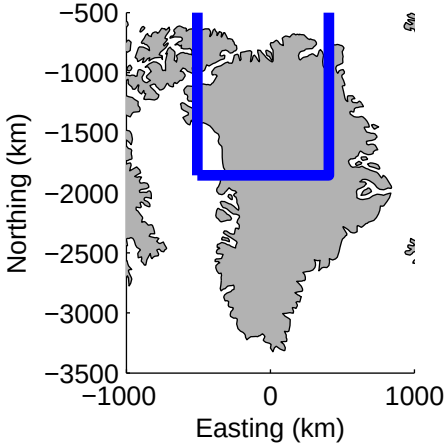

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

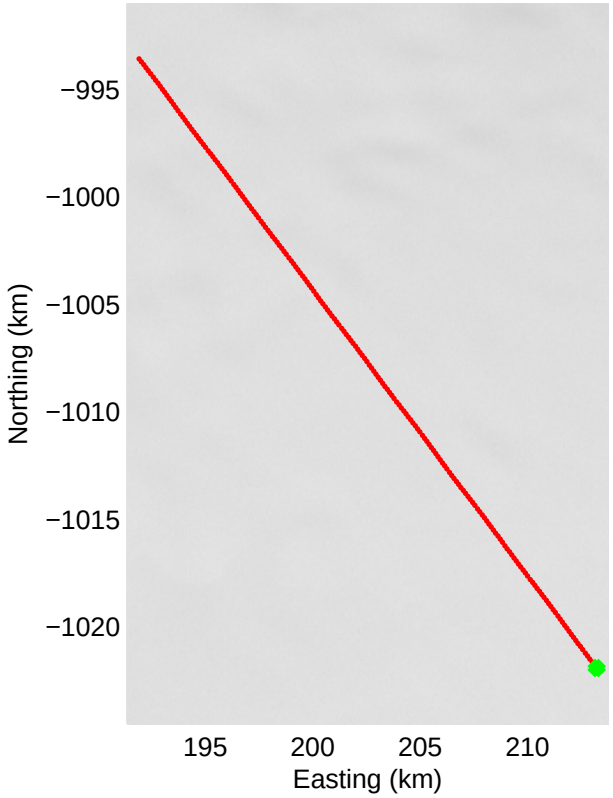
−1020
−1025
−1030
−1035
−1040
−1045
−1050
Northing (km)
215
220
225
230
Easting (km)

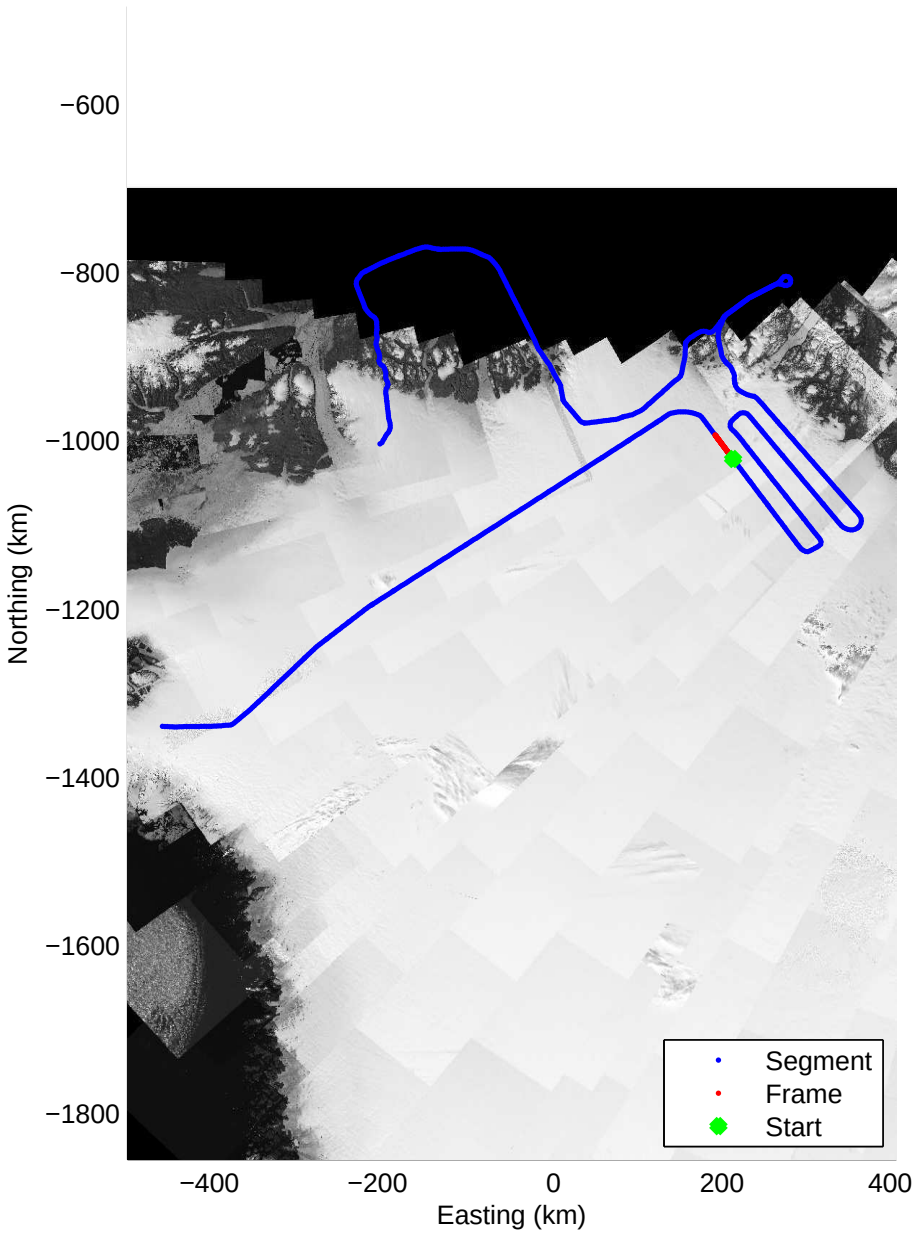

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

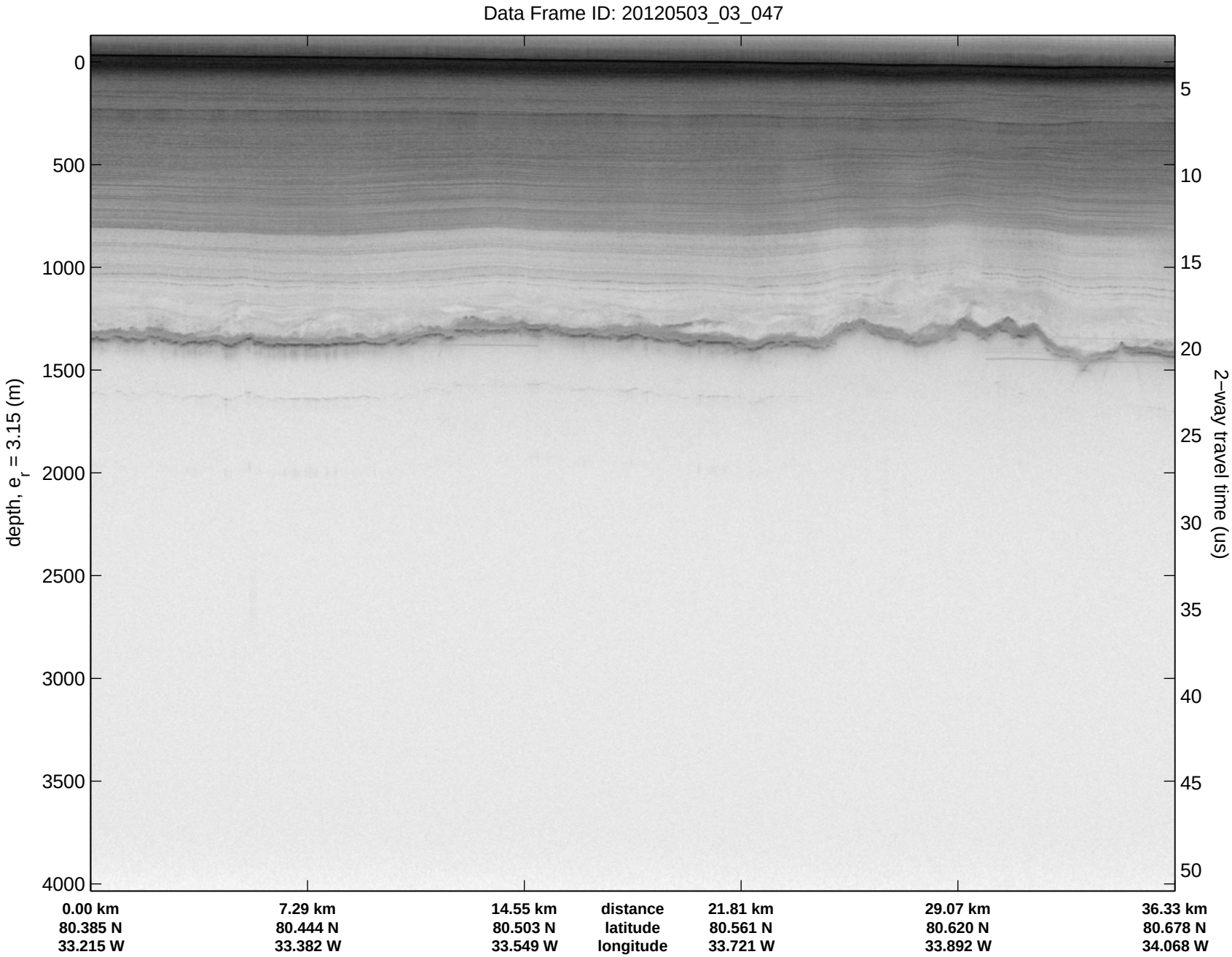

Data Frame ID: 20120503_03_046
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.095 N
32.426 W
7.53 km
80.156 N
32.587 W
15.06 km
80.217 N
32.754 W
distance
latitude
longitude
22.59 km
80.278 N
32.920 W
30.12 km
80.340 N
33.088 W
37.65 km
80.401 N
33.259 W

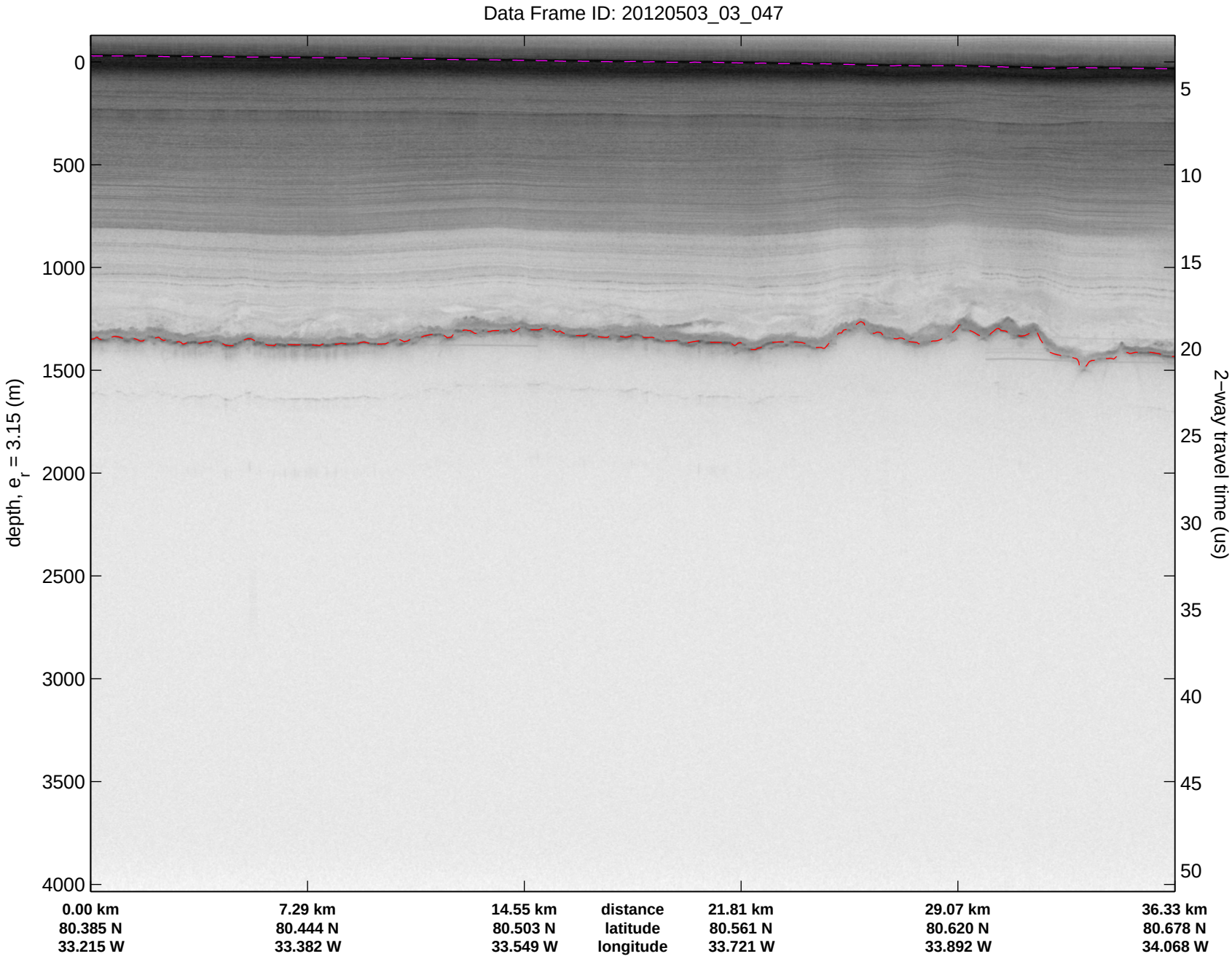

Data Frame ID: 20120503_03_046
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.095 N
32.426 W
7.53 km
80.156 N
32.587 W
15.06 km
80.217 N
32.754 W
distance
latitude
longitude
22.59 km
80.278 N
32.920 W
30.12 km
80.340 N
33.088 W
37.65 km
80.401 N
33.259 W

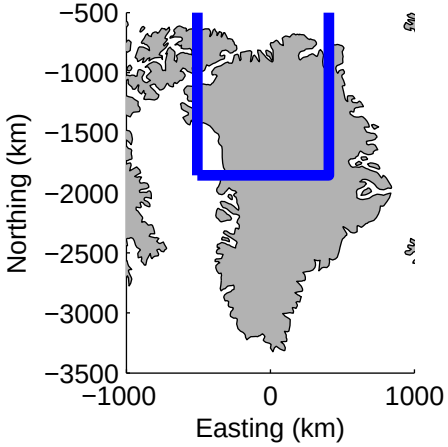

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

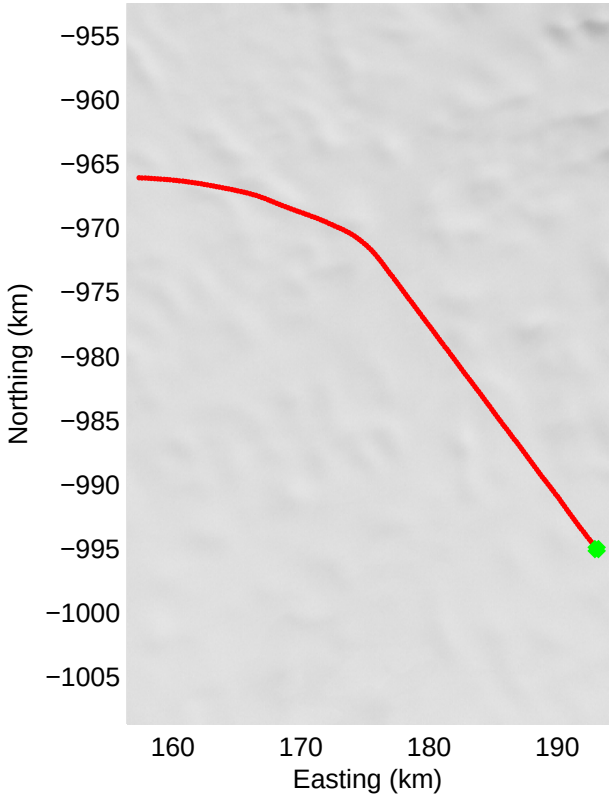

−995
−1000
−1005
−1010
−1015
−1020
Northing (km)
195
200
205
210
Easting (km)

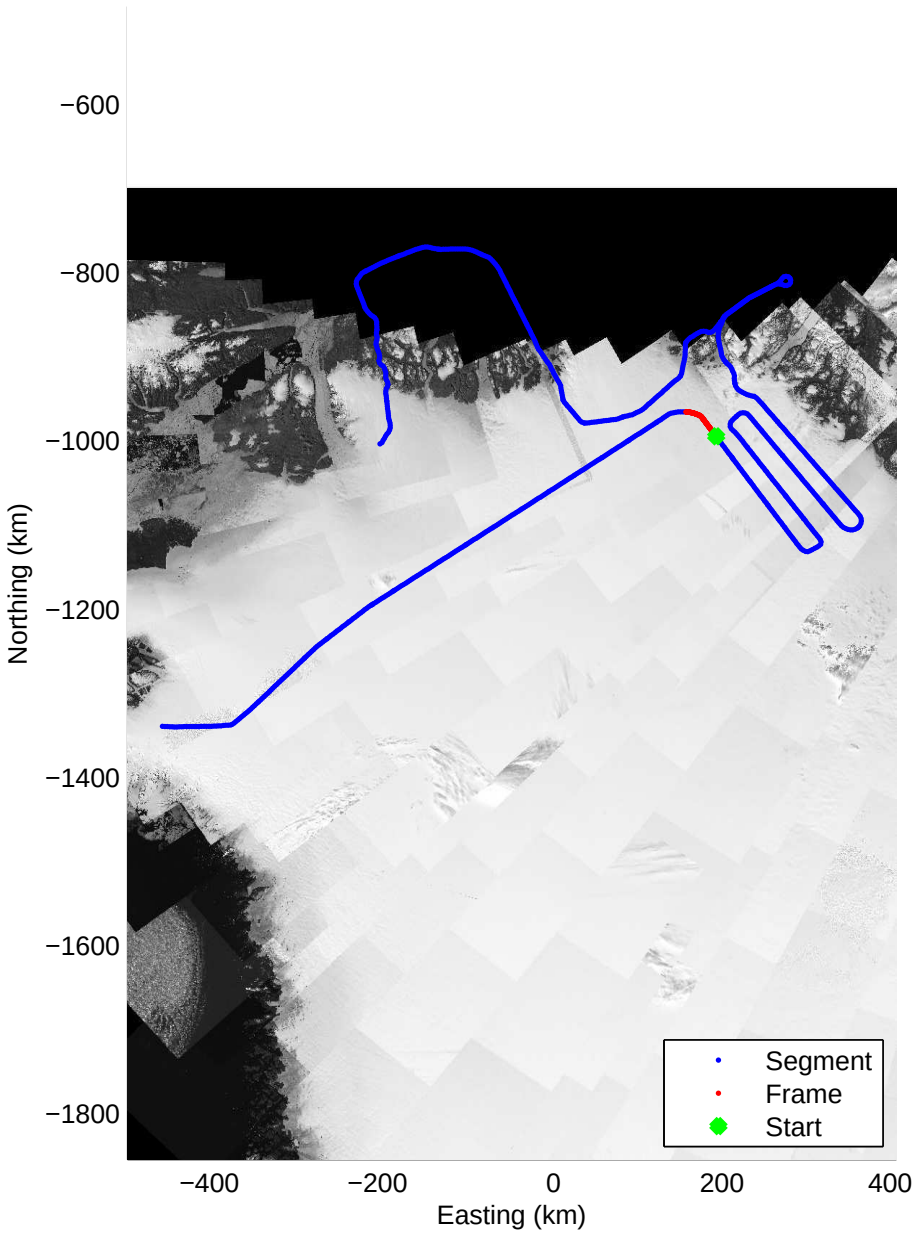

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

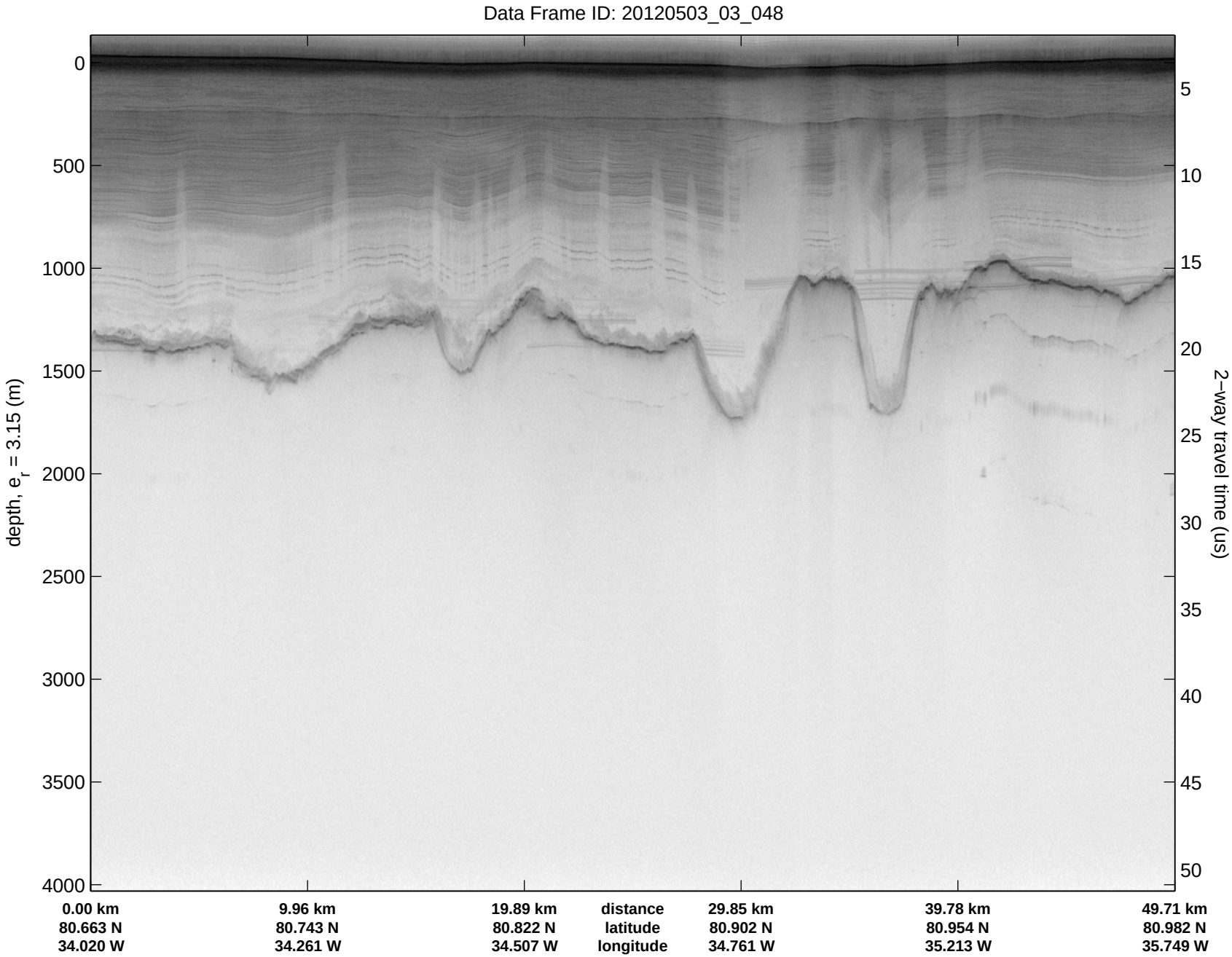

Data Frame ID: 20120503_03_047
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.385 N
33.215 W
7.29 km
80.444 N
33.382 W
14.55 km
80.503 N
33.549 W
distance
latitude
longitude
21.81 km
80.561 N
33.721 W
29.07 km
80.620 N
33.892 W
36.33 km
80.678 N
34.068 W

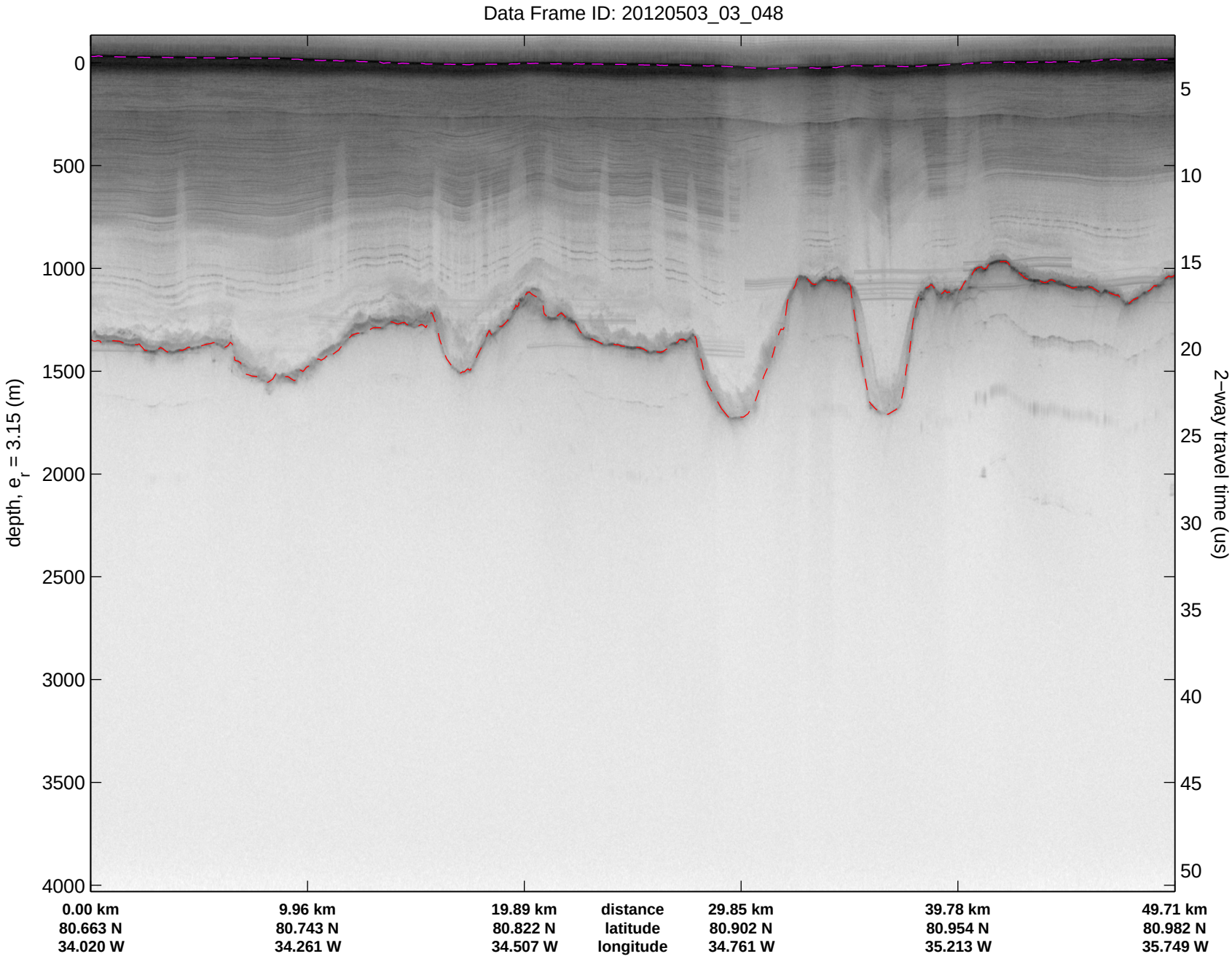

Data Frame ID: 20120503_03_047
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.385 N
33.215 W
7.29 km
80.444 N
33.382 W
14.55 km
80.503 N
33.549 W
distance
latitude
longitude
21.81 km
80.561 N
33.721 W
29.07 km
80.620 N
33.892 W
36.33 km
80.678 N
34.068 W

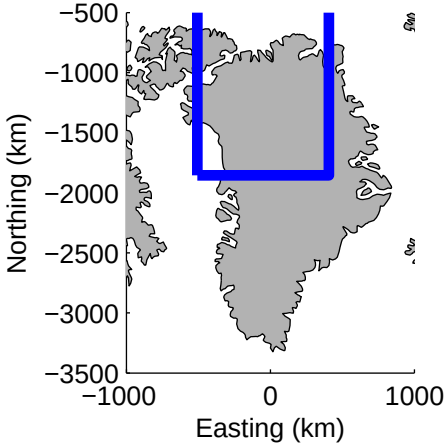

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

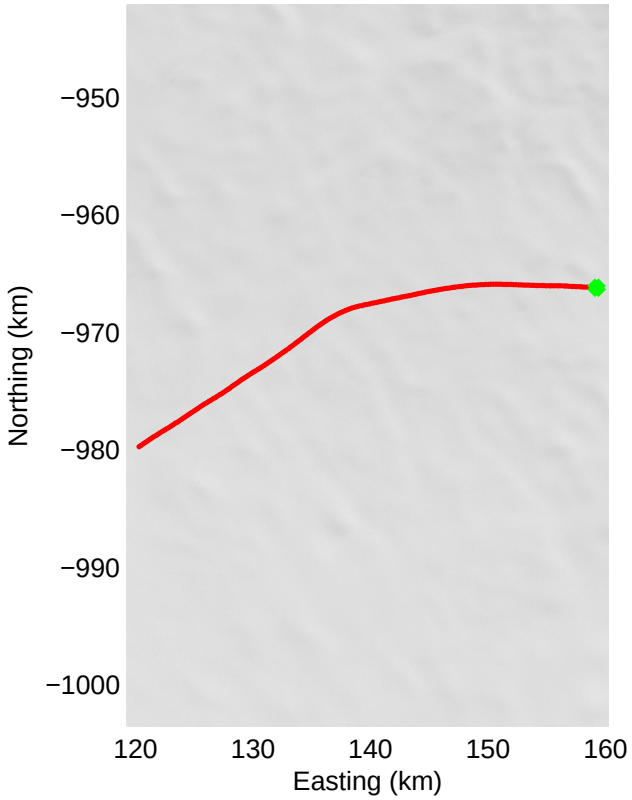

−955
−960
−965
−970
−975
−980
−985
−990
−995
−1000
−1005
Northing (km)
160
170
180
190
Easting (km)

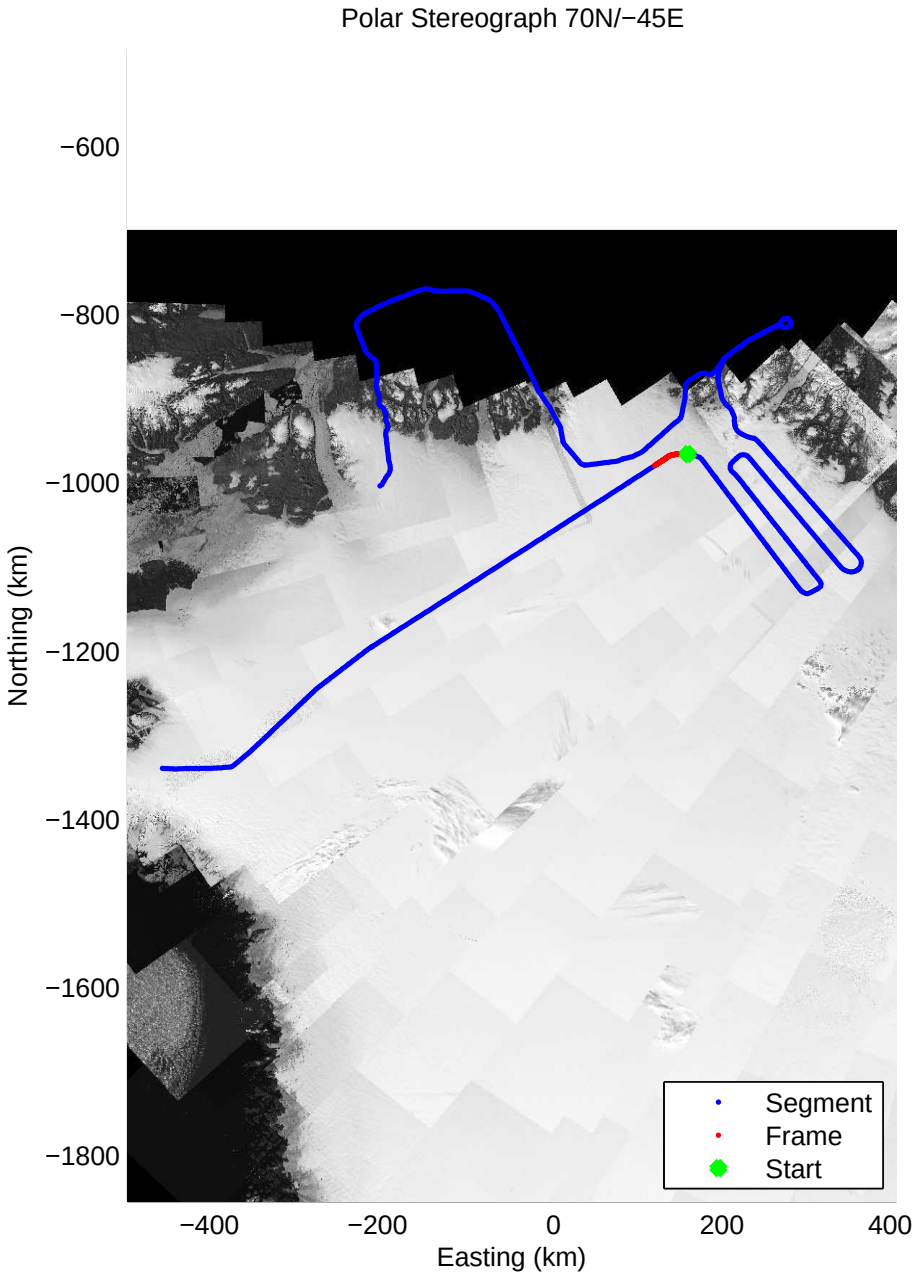

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

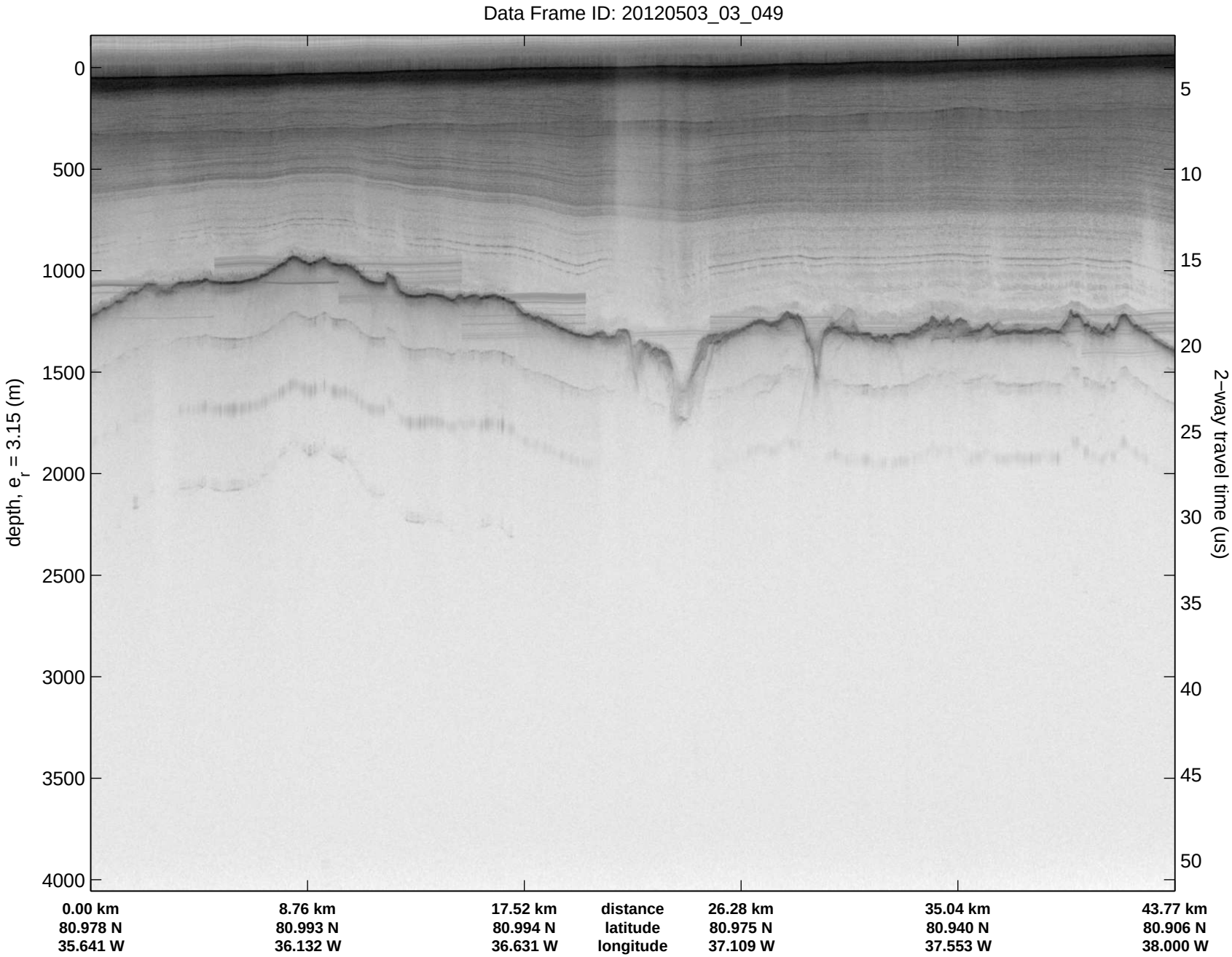

Data Frame ID: 20120503_03_048
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.663 N
34.020 W
9.96 km
80.743 N
34.261 W
19.89 km
80.822 N
34.507 W
distance
latitude
longitude
29.85 km
80.902 N
34.761 W
39.78 km
80.954 N
35.213 W
49.71 km
80.982 N
35.749 W

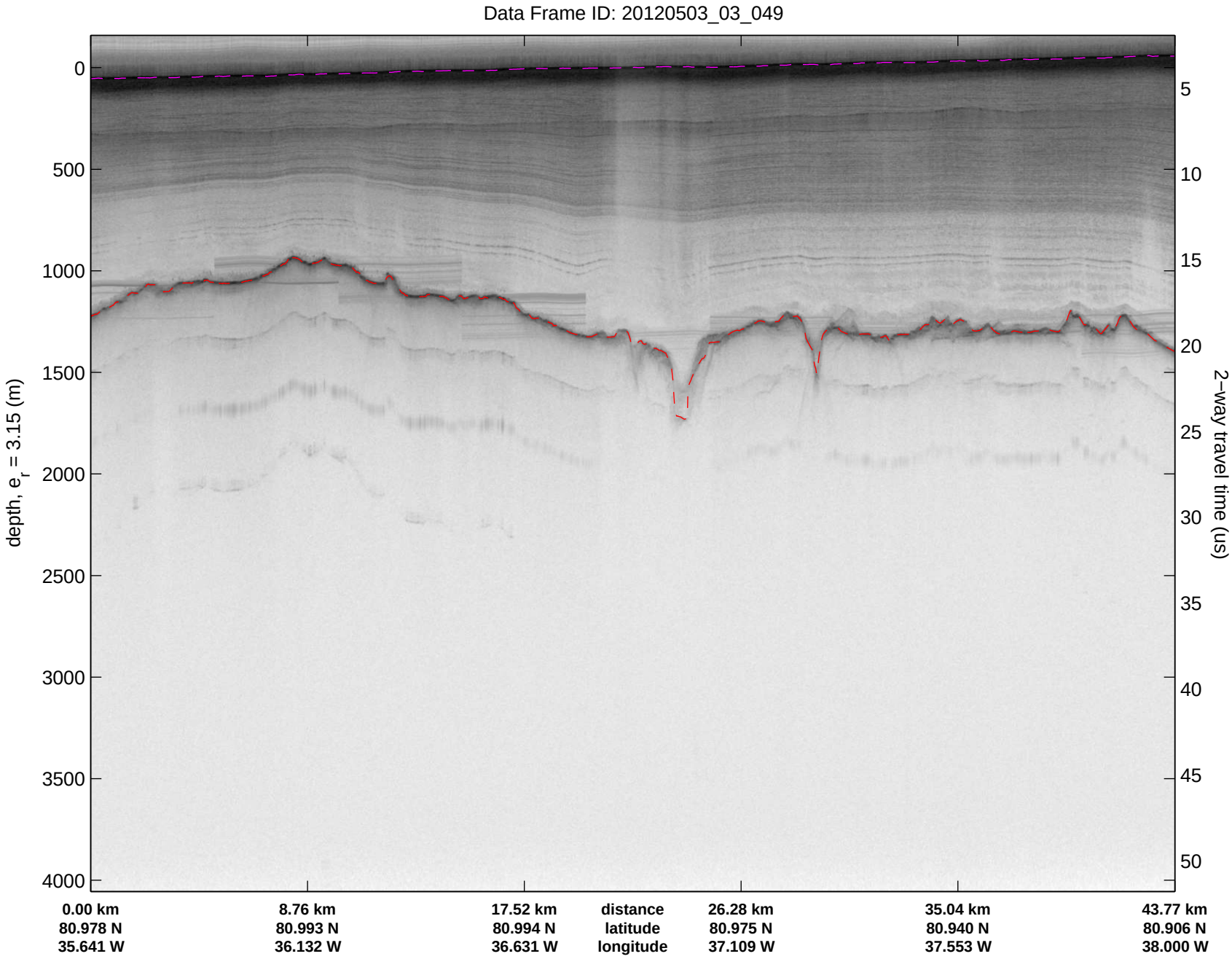

Data Frame ID: 20120503_03_048
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.663 N
34.020 W
9.96 km
80.743 N
34.261 W
19.89 km
80.822 N
34.507 W
distance
latitude
longitude
29.85 km
80.902 N
34.761 W
39.78 km
80.954 N
35.213 W
49.71 km
80.982 N
35.749 W

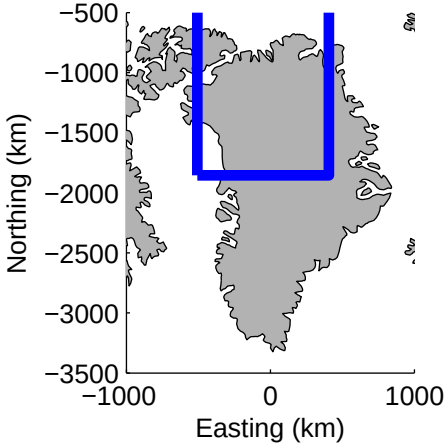

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

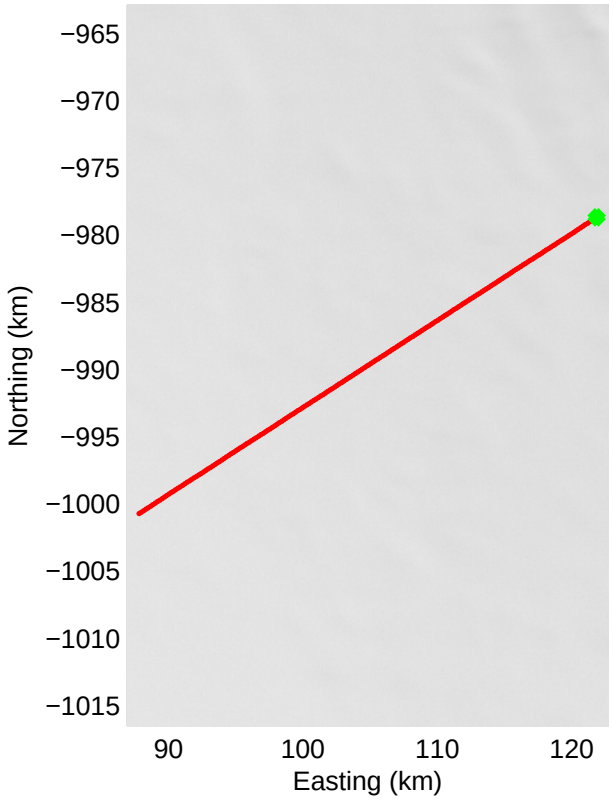

−950
−960
−970
−980
−990
−1000
Northing (km)
120
130
140
150
160
Easting (km)

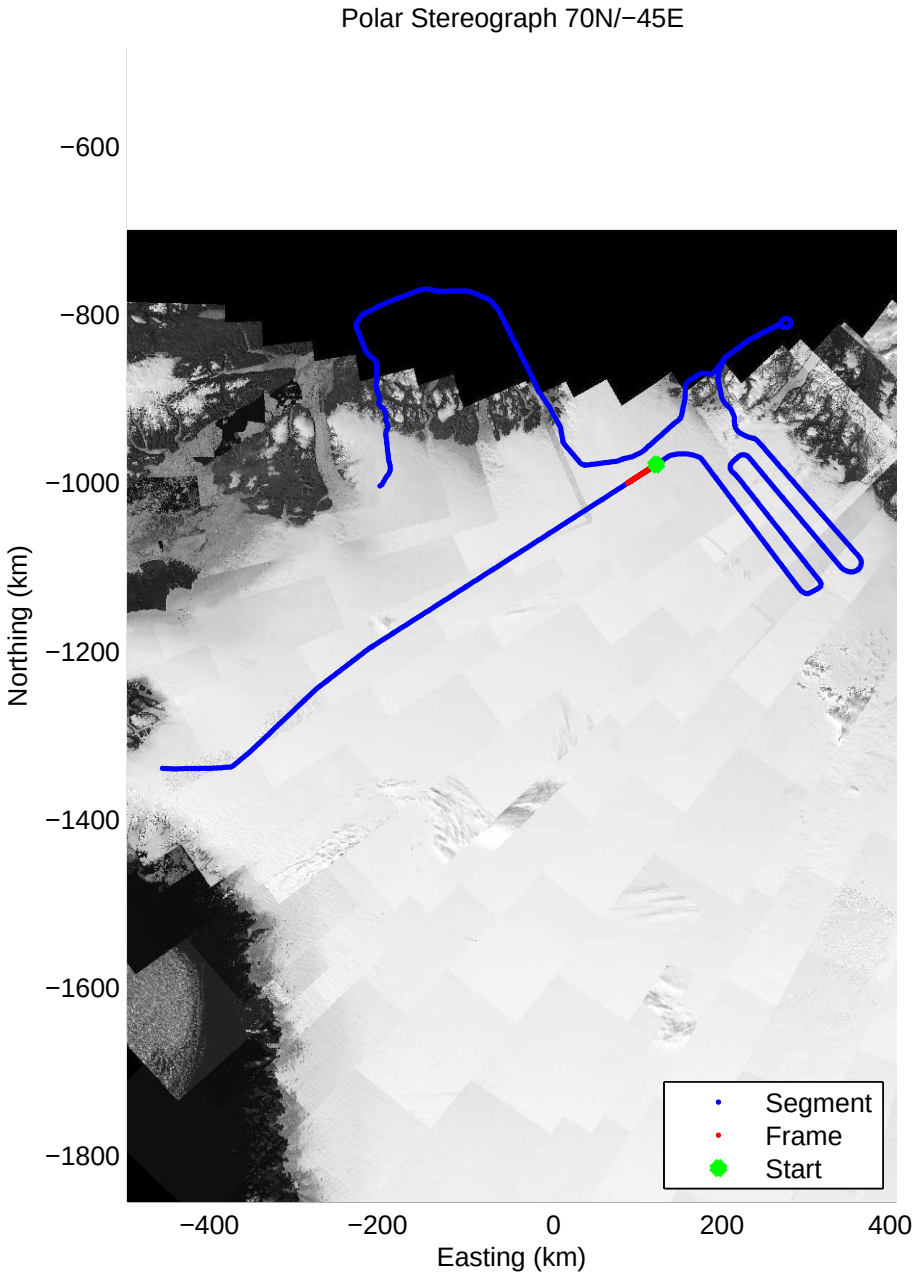

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

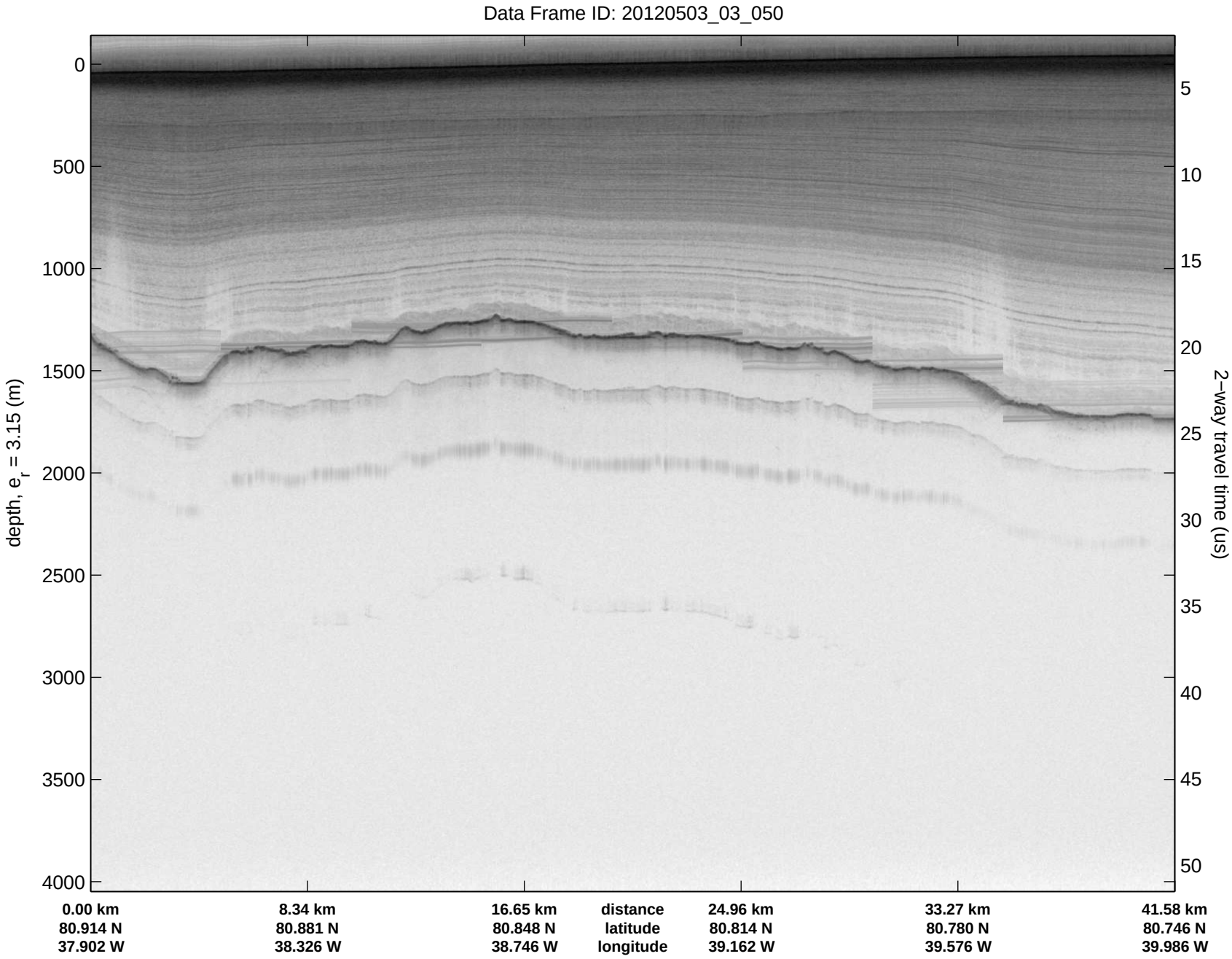

Data Frame ID: 20120503_03_049
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.978 N
35.641 W
8.76 km
80.993 N
36.132 W
17.52 km
80.994 N
36.631 W
distance
latitude
longitude
26.28 km
80.975 N
37.109 W
35.04 km
80.940 N
37.553 W
43.77 km
80.906 N
38.000 W

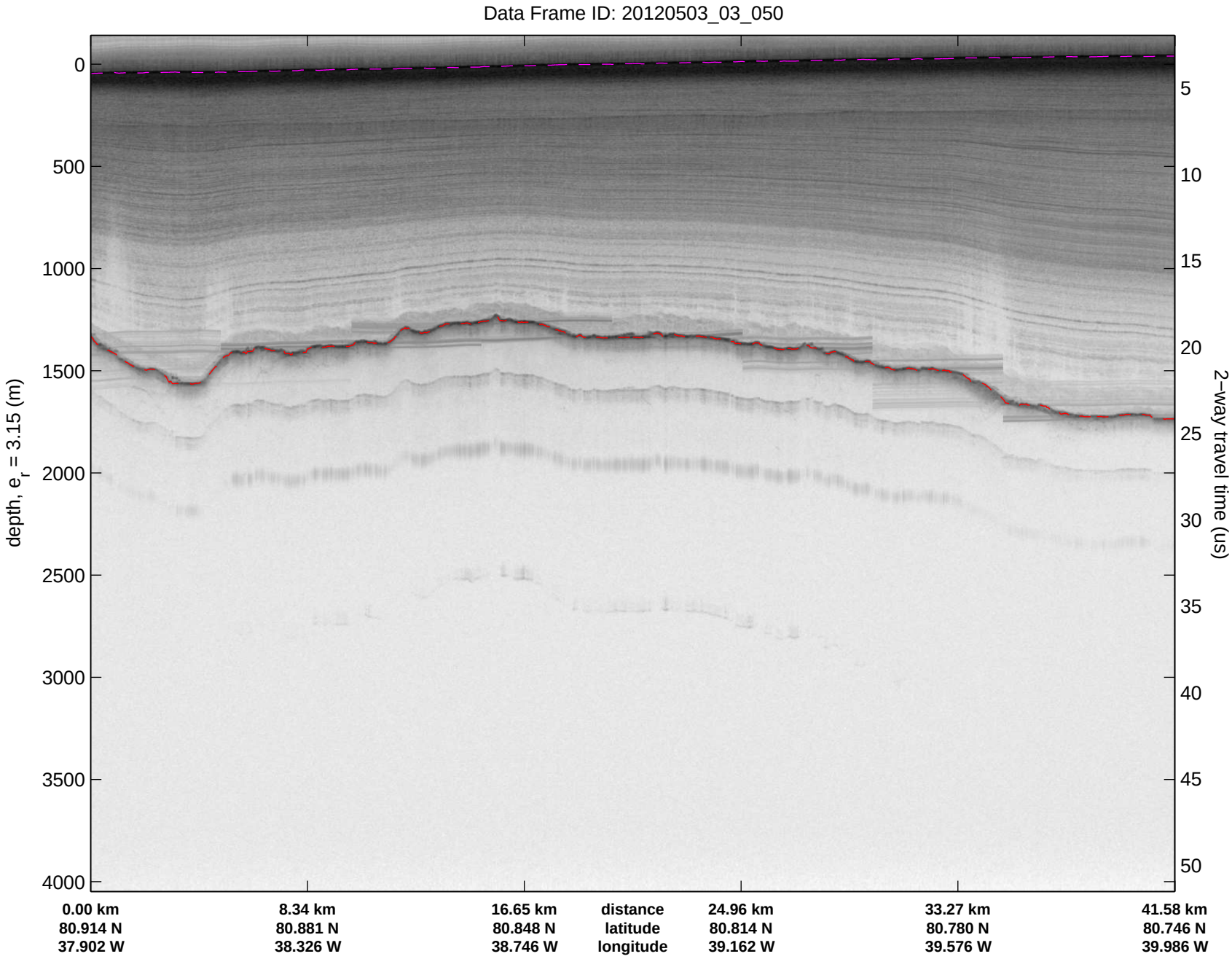

Data Frame ID: 20120503_03_049
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.978 N
35.641 W
8.76 km
80.993 N
36.132 W
17.52 km
80.994 N
36.631 W
distance
latitude
longitude
26.28 km
80.975 N
37.109 W
35.04 km
80.940 N
37.553 W
43.77 km
80.906 N
38.000 W

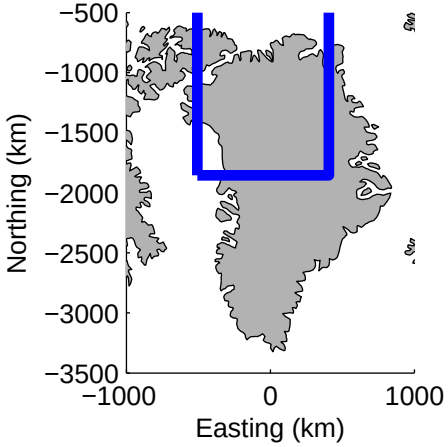

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

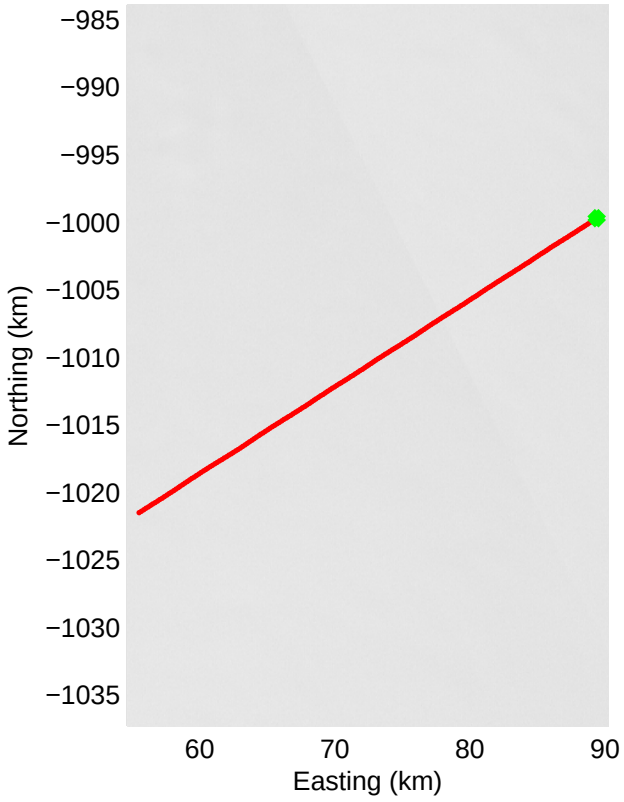

−965
−970
−975
−980
−985
−990
−995
−1000
−1005
−1010
−1015
Northing (km)
90
100
110
120
Easting (km)

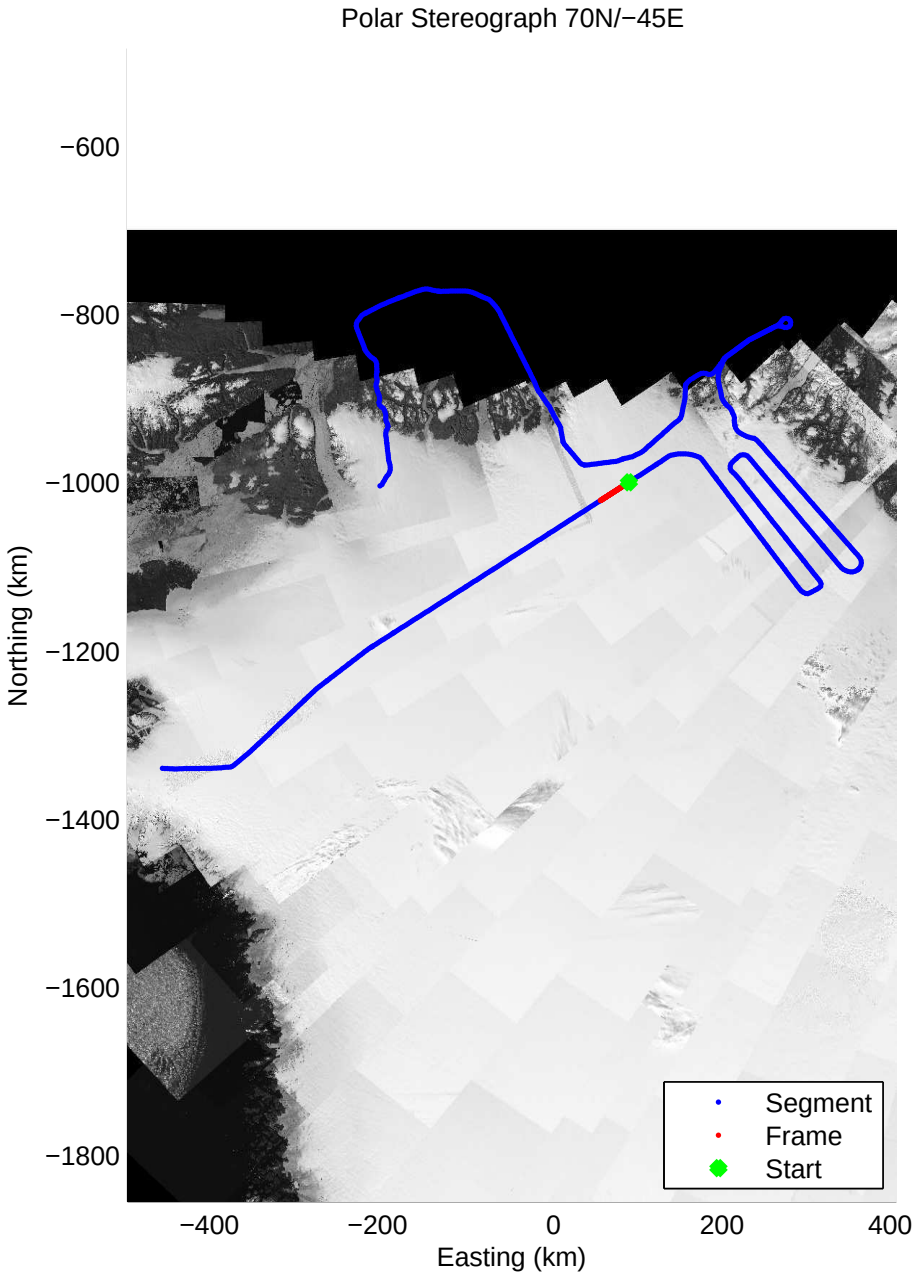

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

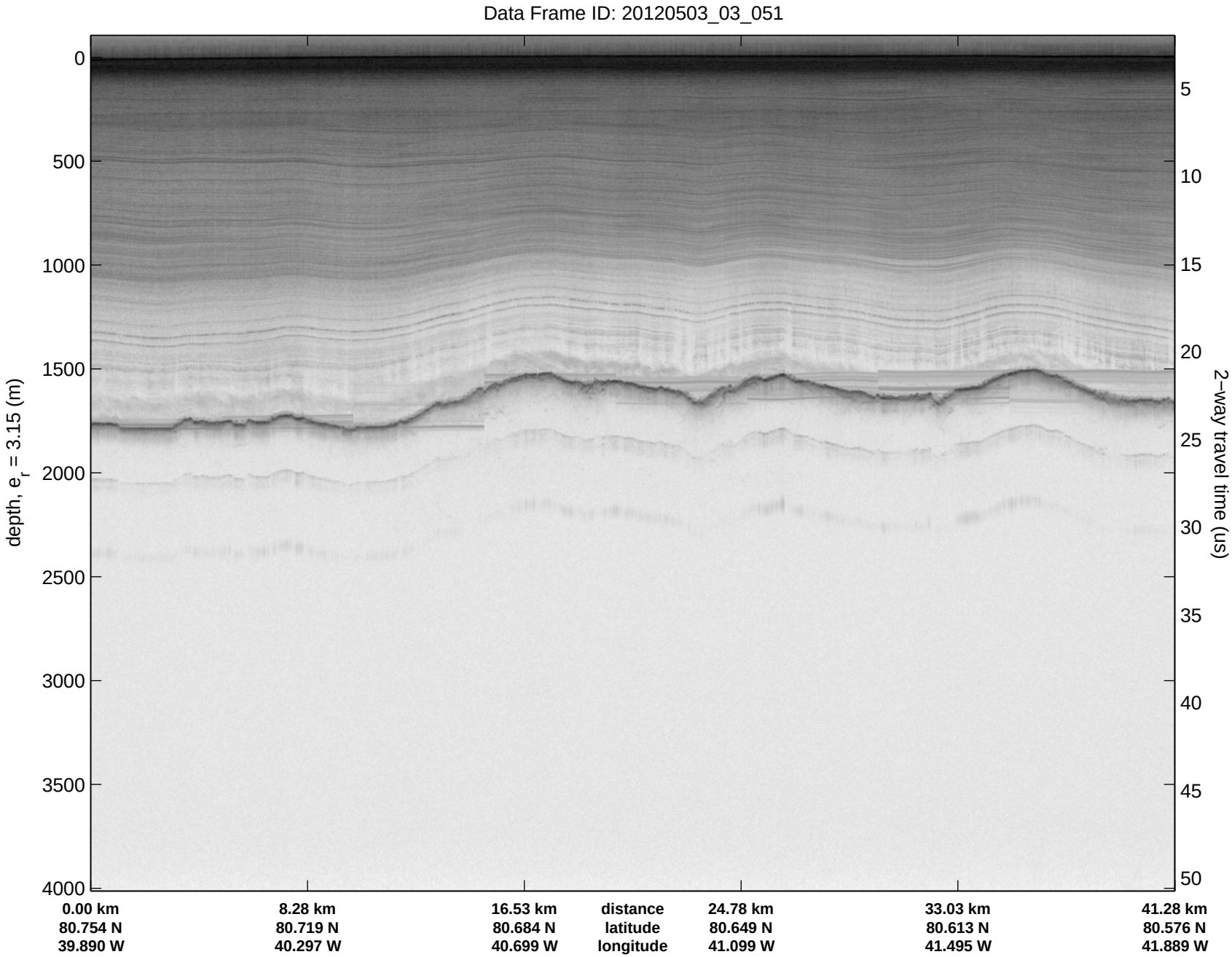

Data Frame ID: 20120503_03_050
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.914 N
37.902 W
8.34 km
80.881 N
38.326 W
16.65 km
80.848 N
38.746 W
distance
latitude
longitude
24.96 km
80.814 N
39.162 W
33.27 km
80.780 N
39.576 W
41.58 km
80.746 N
39.986 W

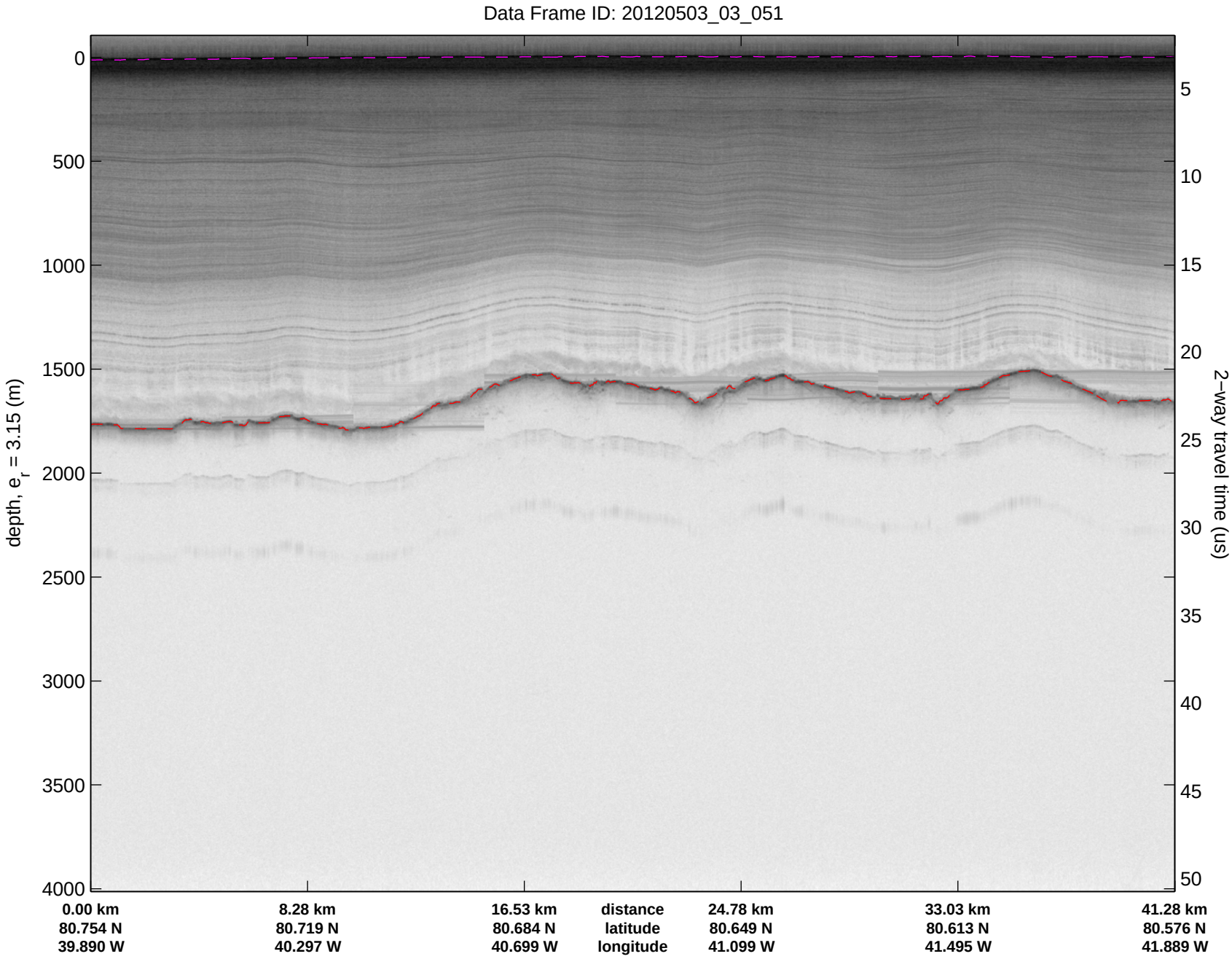

Data Frame ID: 20120503_03_050
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.914 N
37.902 W
8.34 km
80.881 N
38.326 W
16.65 km
80.848 N
38.746 W
distance
latitude
longitude
24.96 km
80.814 N
39.162 W
33.27 km
80.780 N
39.576 W
41.58 km
80.746 N
39.986 W

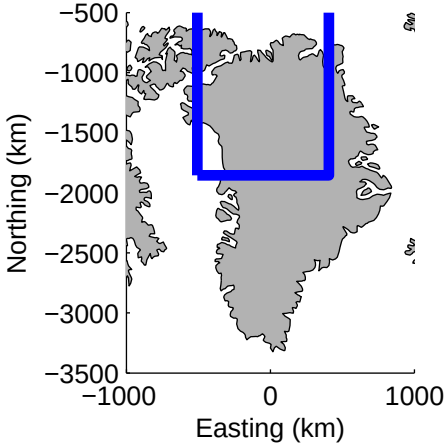

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

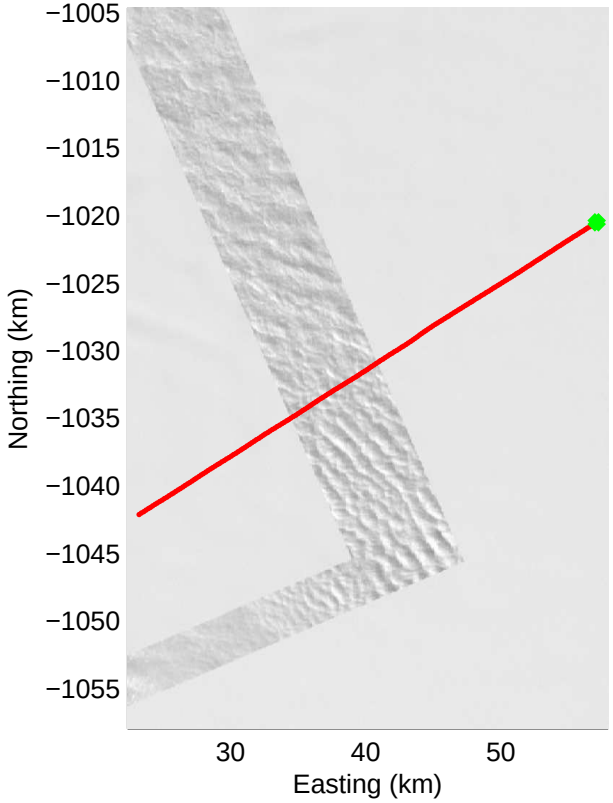

−985
−990
−995
−1000
−1005
−1010
−1015
−1020
−1025
−1030
−1035
Northing (km)
60
70
80
90
Easting (km)

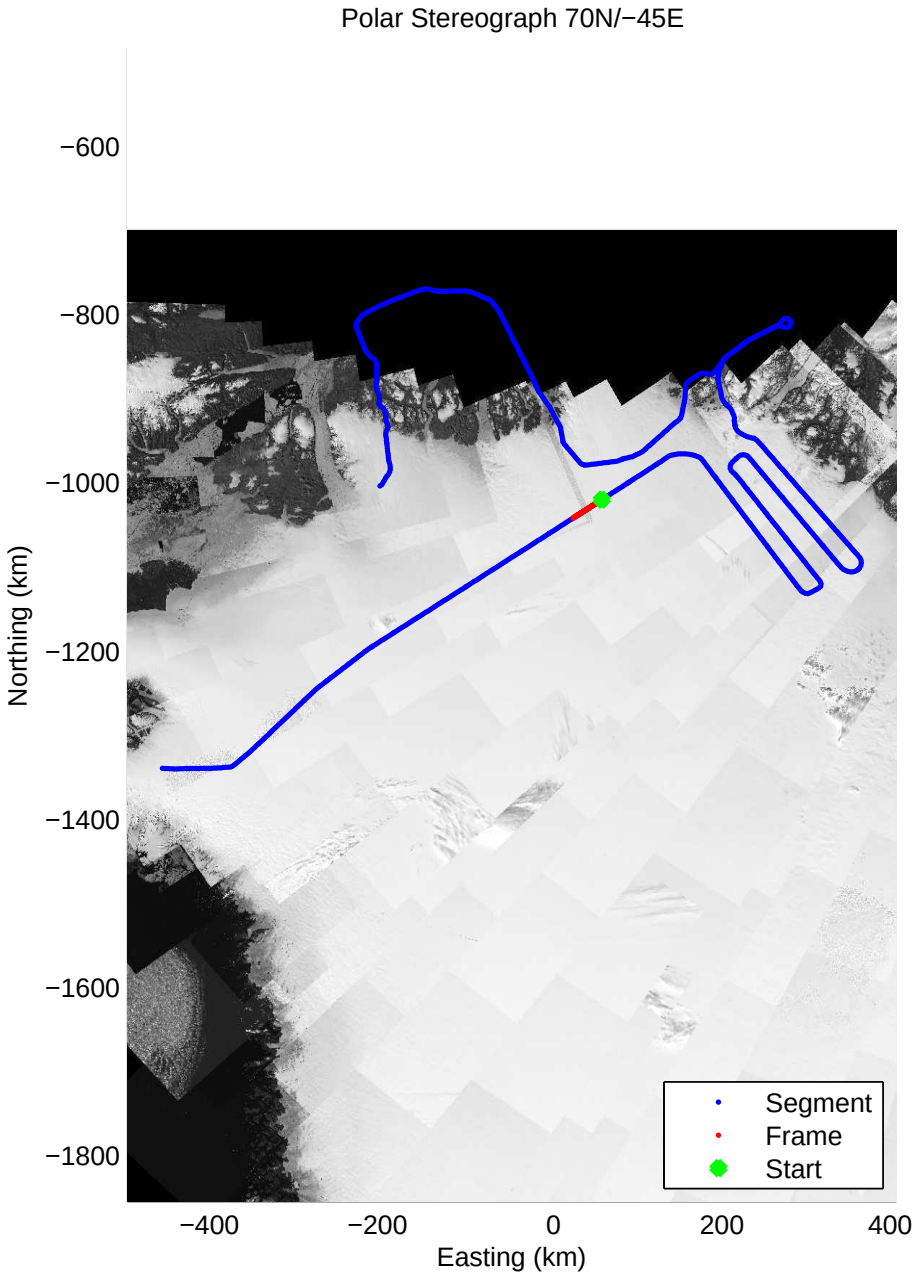

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

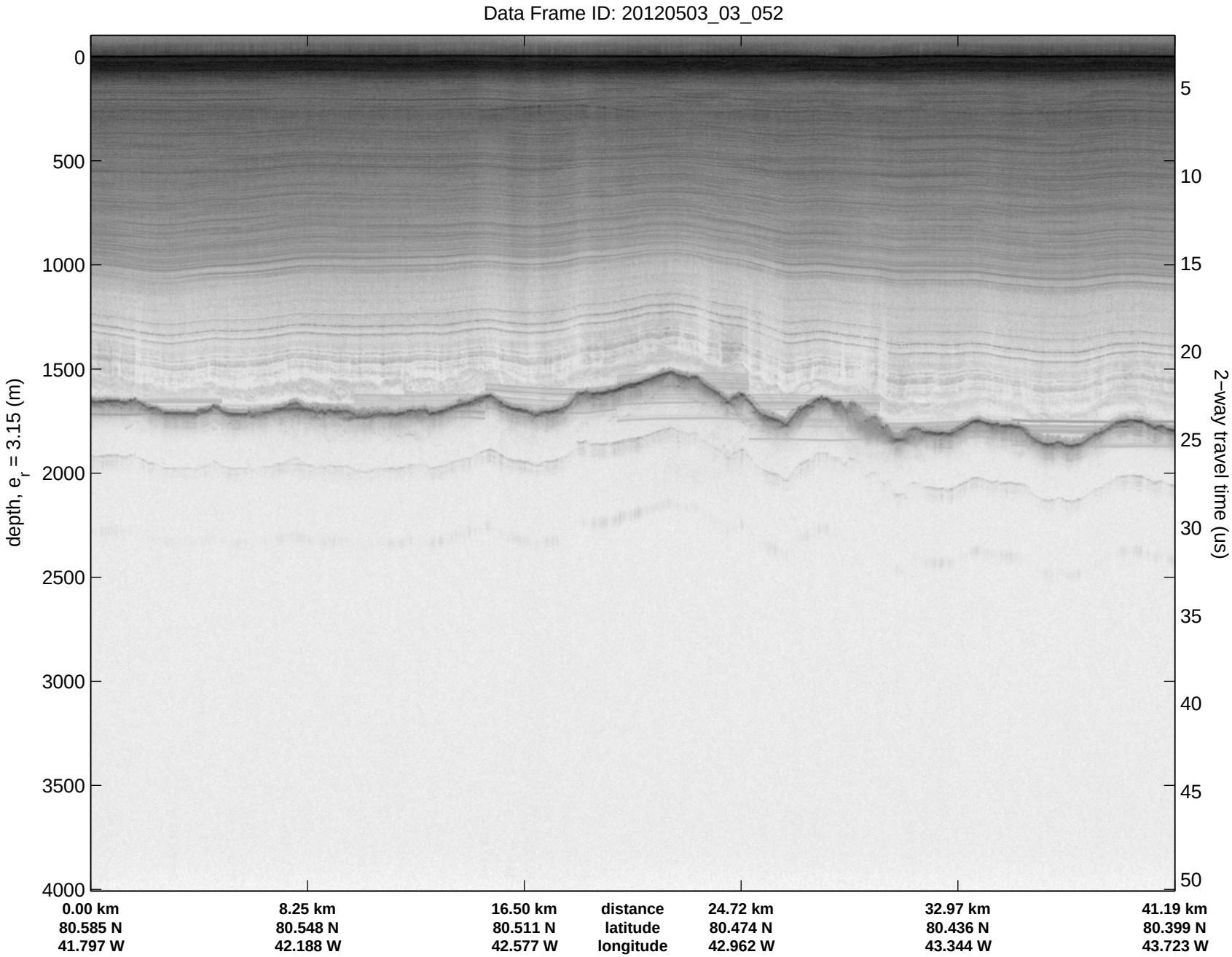

Data Frame ID: 20120503_03_051
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.754 N
39.890 W
8.28 km
80.719 N
40.297 W
16.53 km
80.684 N
40.699 W
distance
latitude
longitude
24.78 km
80.649 N
41.099 W
33.03 km
80.613 N
41.495 W
41.28 km
80.576 N
41.889 W

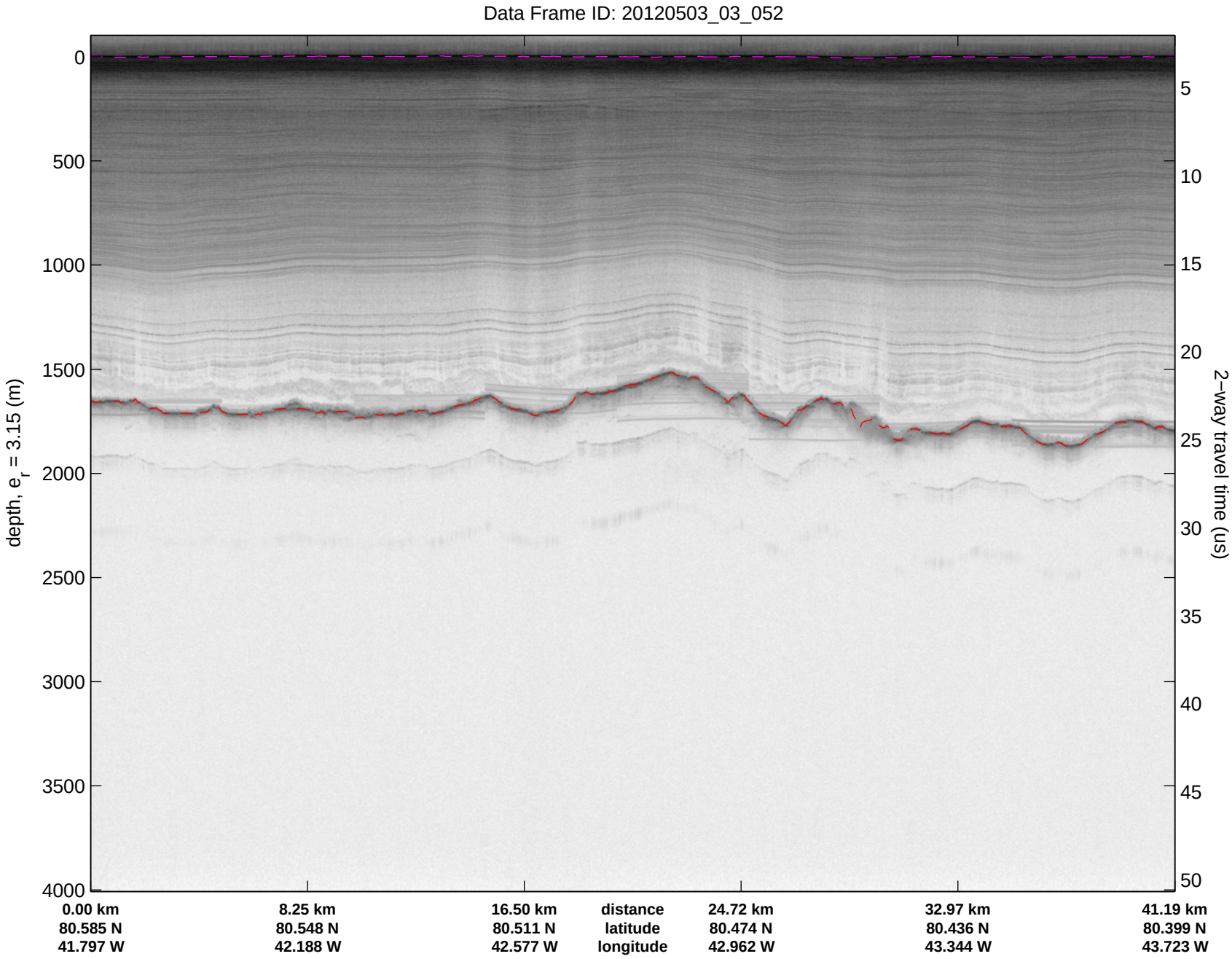

Data Frame ID: 20120503_03_051
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.754 N
39.890 W
8.28 km
80.719 N
40.297 W
16.53 km
80.684 N
40.699 W
distance
latitude
longitude
24.78 km
80.649 N
41.099 W
33.03 km
80.613 N
41.495 W
41.28 km
80.576 N
41.889 W

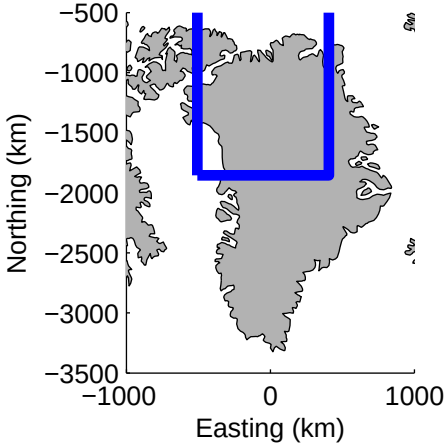

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

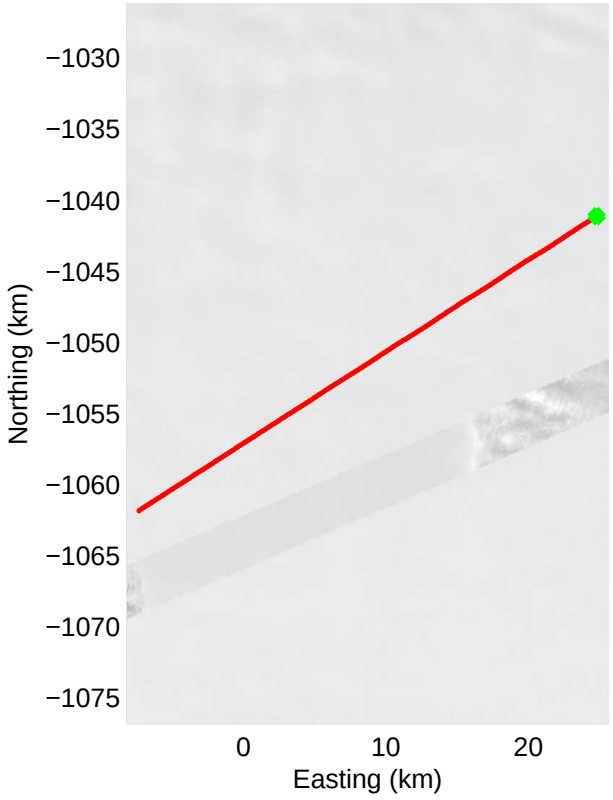

−1005
−1010
−1015
−1020
−1025
−1030
−1035
−1040
−1045
−1050
−1055
Northing (km)
30
40
50
Easting (km)

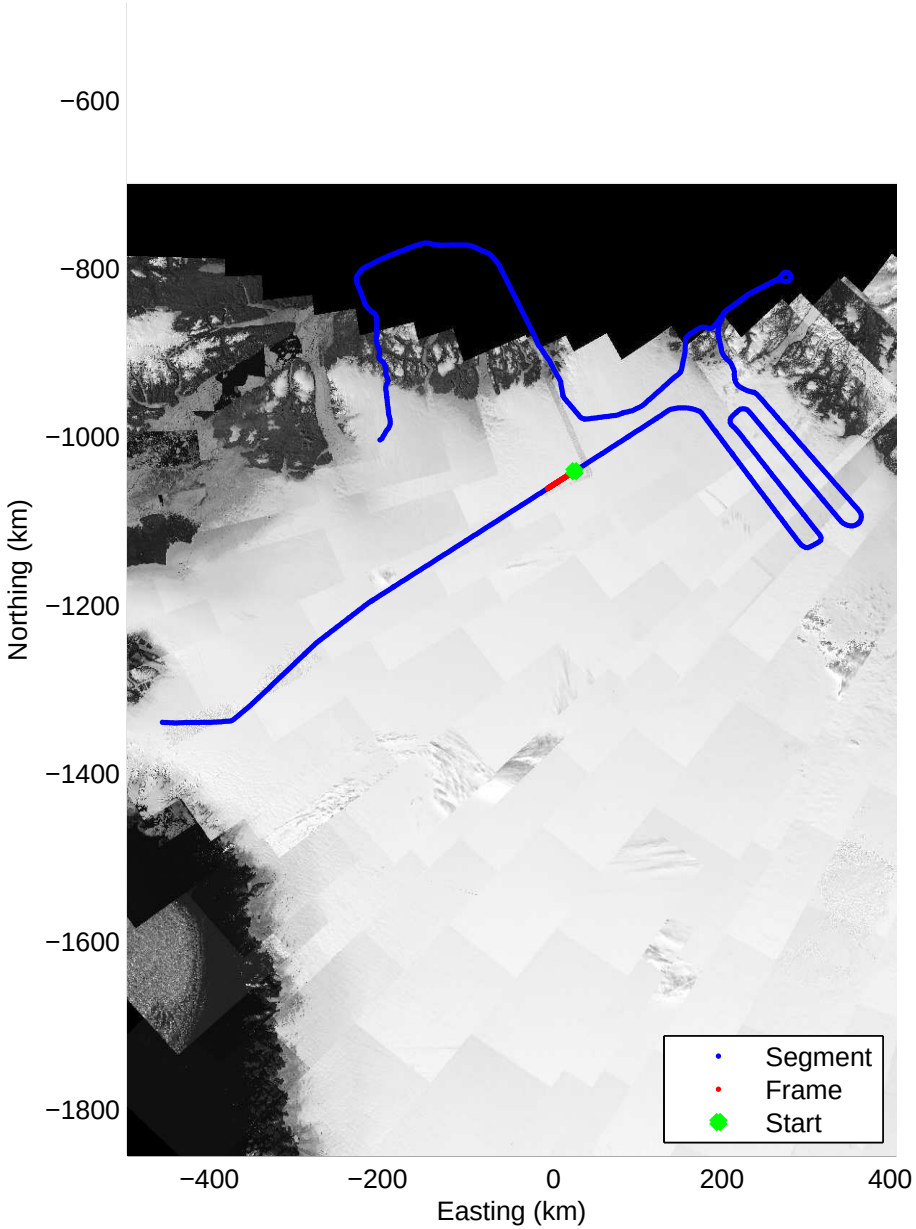

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

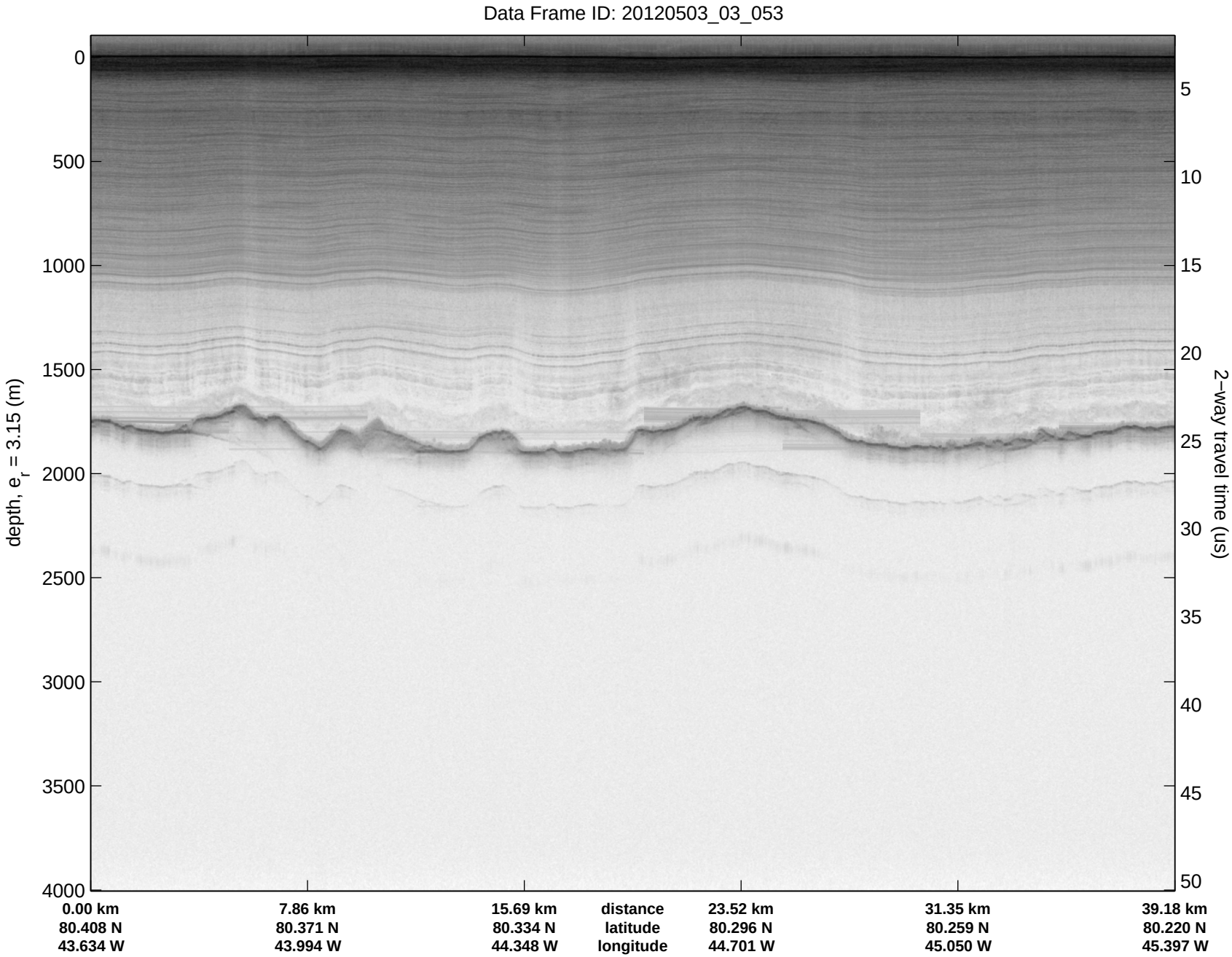

Data Frame ID: 20120503_03_052
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.585 N
41.797 W
8.25 km
80.548 N
42.188 W
16.50 km
80.511 N
42.577 W
distance
latitude
longitude
24.72 km
80.474 N
42.962 W
32.97 km
80.436 N
43.344 W
41.19 km
80.399 N
43.723 W

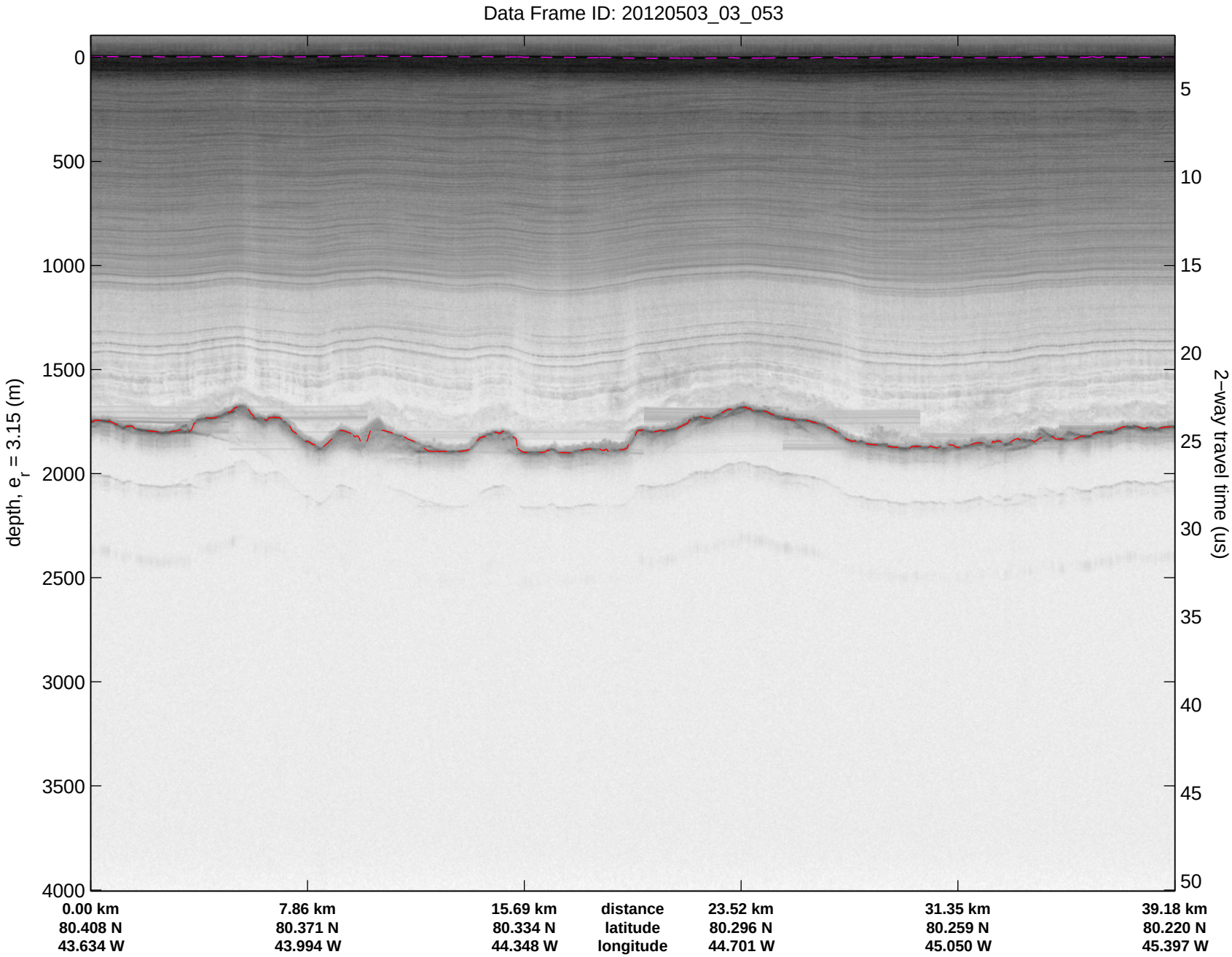

Data Frame ID: 20120503_03_052
depth, e_r = 3.15 (m)
2−way travel time (us)
0
500
1000
1500
2000
2500
3000
3500
4000
5
10
15
20
25
30
35
40
45
50
0.00 km
80.585 N
41.797 W
8.25 km
80.548 N
42.188 W
16.50 km
80.511 N
42.577 W
distance
latitude
longitude
24.72 km
80.474 N
42.962 W
32.97 km
80.436 N
43.344 W
41.19 km
80.399 N
43.723 W

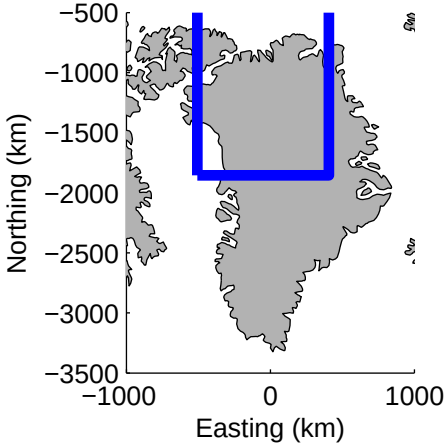

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

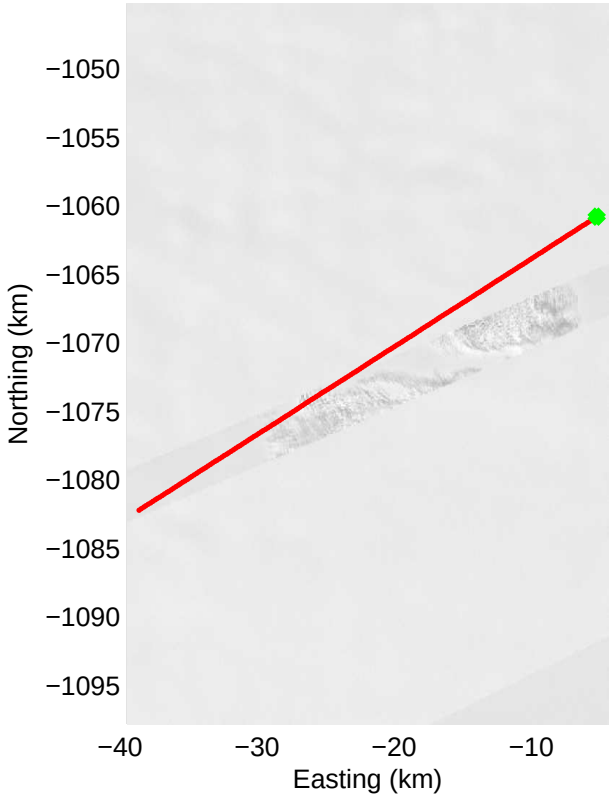

−1030
−1035
−1040
−1045
−1050
−1055
−1060
−1065
−1070
−1075
Northing (km)
0
10
20
Easting (km)

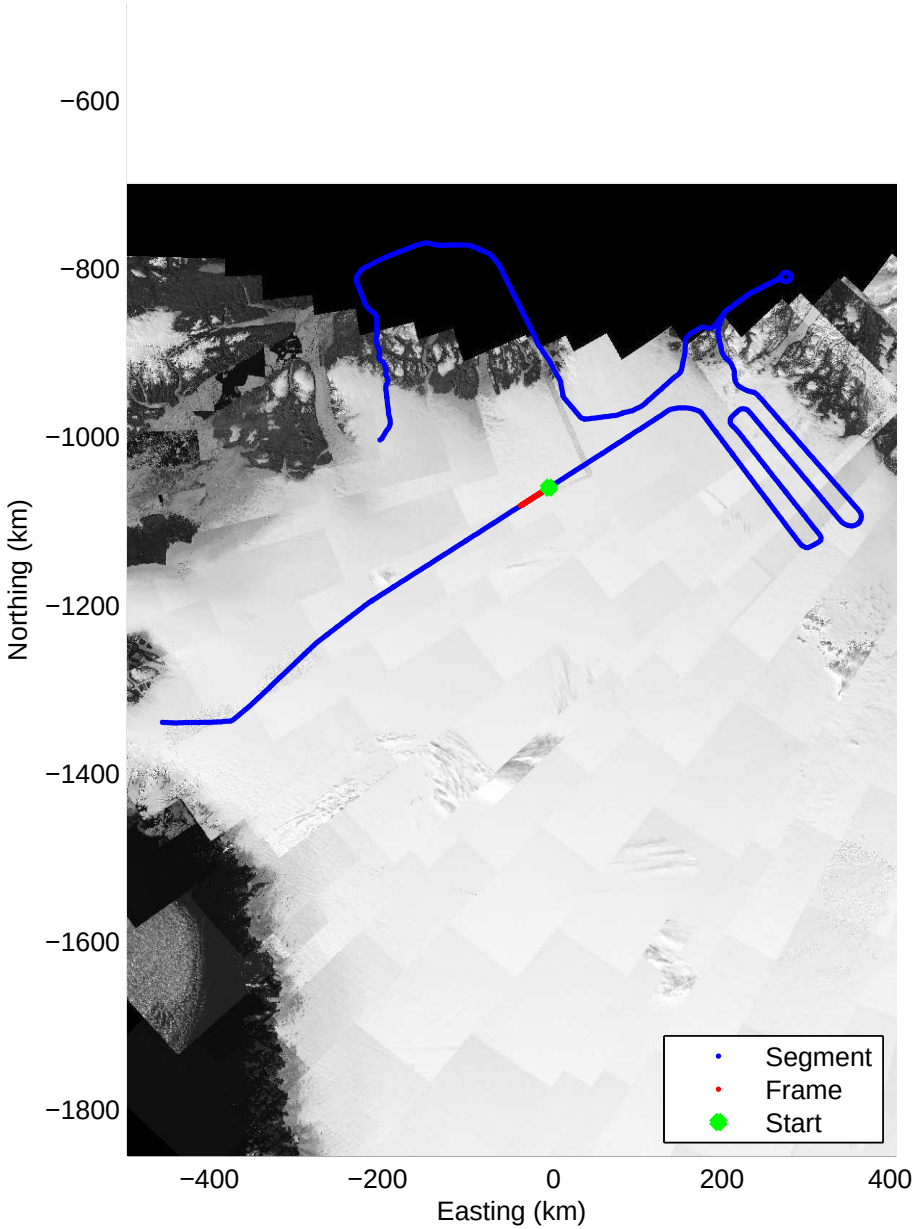

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

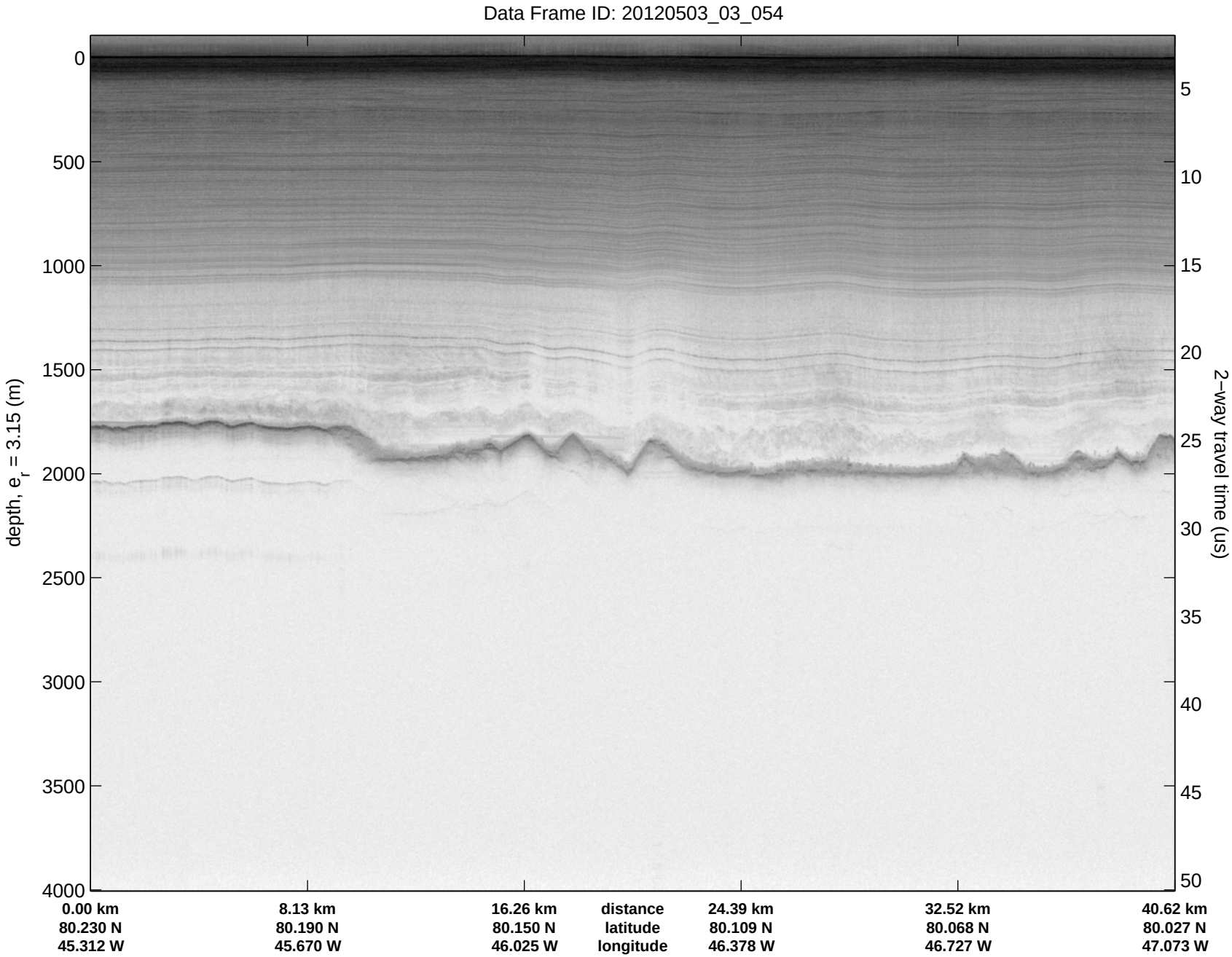

Data Frame ID: 20120503_03_053
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.408 N
43.634 W
7.86 km
80.371 N
43.994 W
15.69 km
80.334 N
44.348 W
distance
latitude
longitude
23.52 km
80.296 N
44.701 W
31.35 km
80.259 N
45.050 W
39.18 km
80.220 N
45.397 W

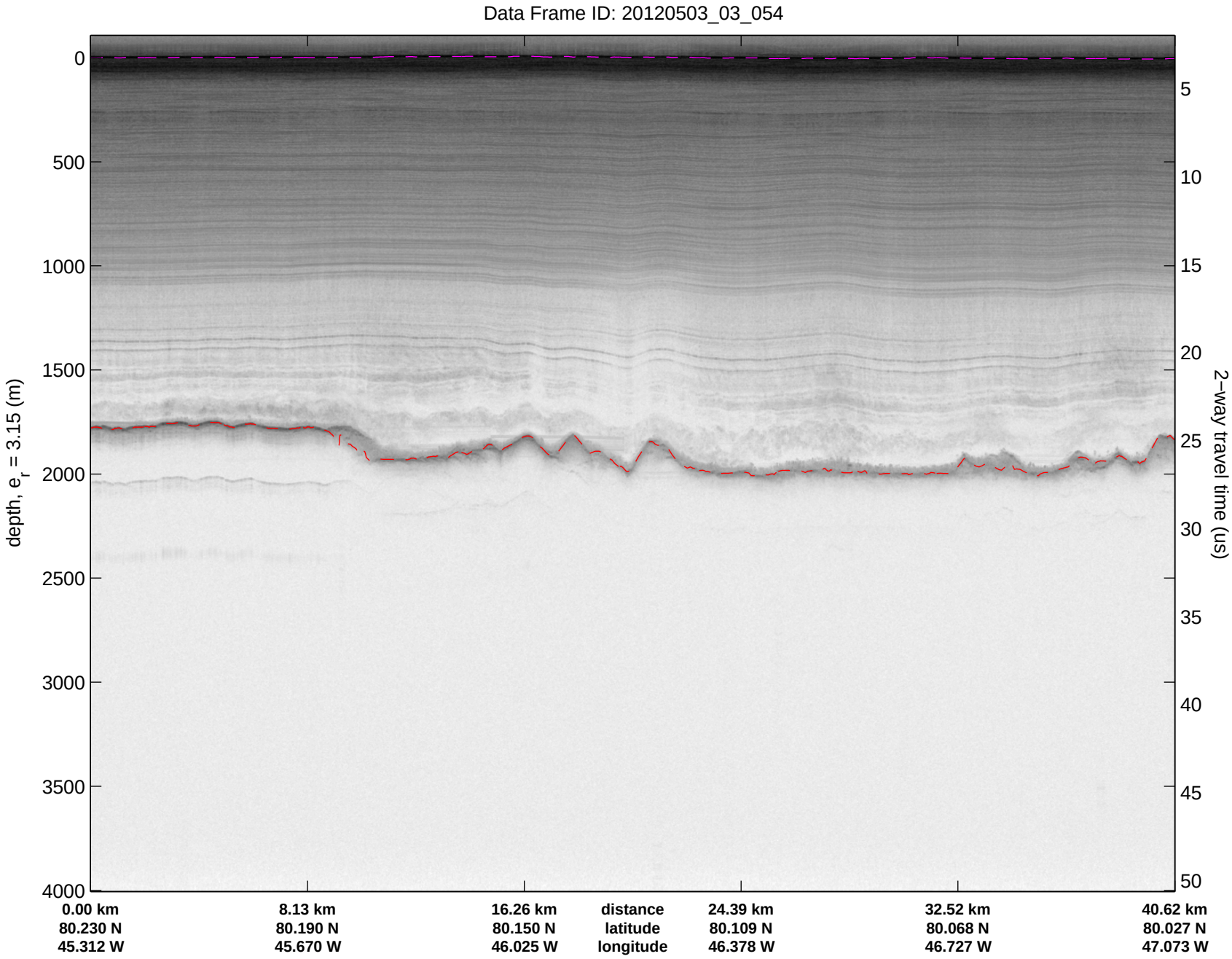

Data Frame ID: 20120503_03_053
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.408 N
43.634 W
7.86 km
80.371 N
43.994 W
15.69 km
80.334 N
44.348 W
distance
latitude
longitude
23.52 km
80.296 N
44.701 W
31.35 km
80.259 N
45.050 W
39.18 km
80.220 N
45.397 W

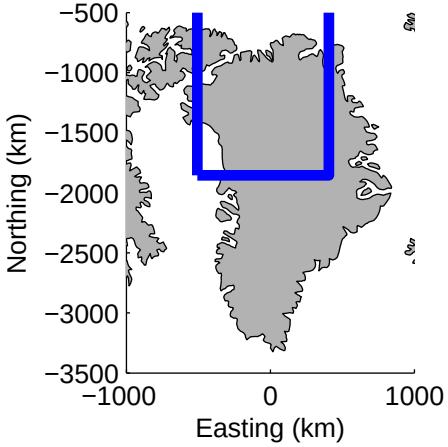

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

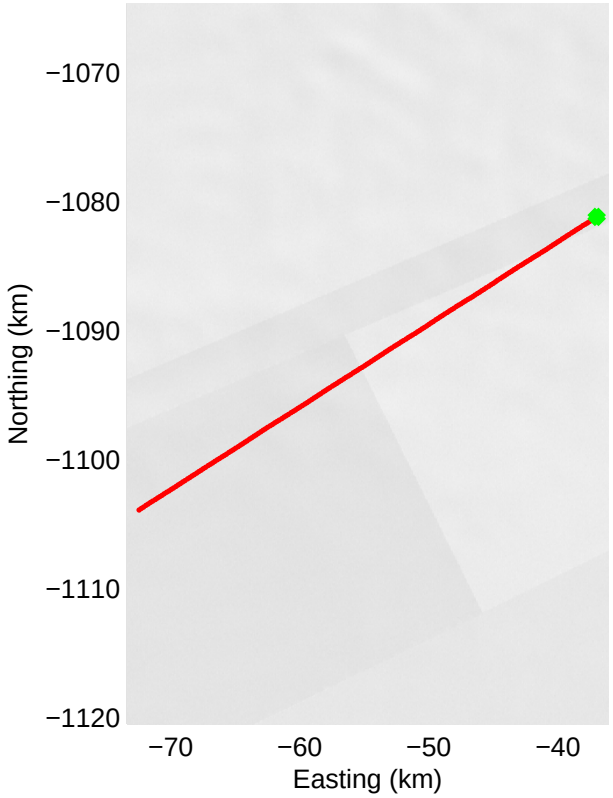

−1050
−1055
−1060
−1065
−1070
−1075
−1080
−1085
−1090
−1095
Northing (km)
−40
−30
−20
−10
Easting (km)

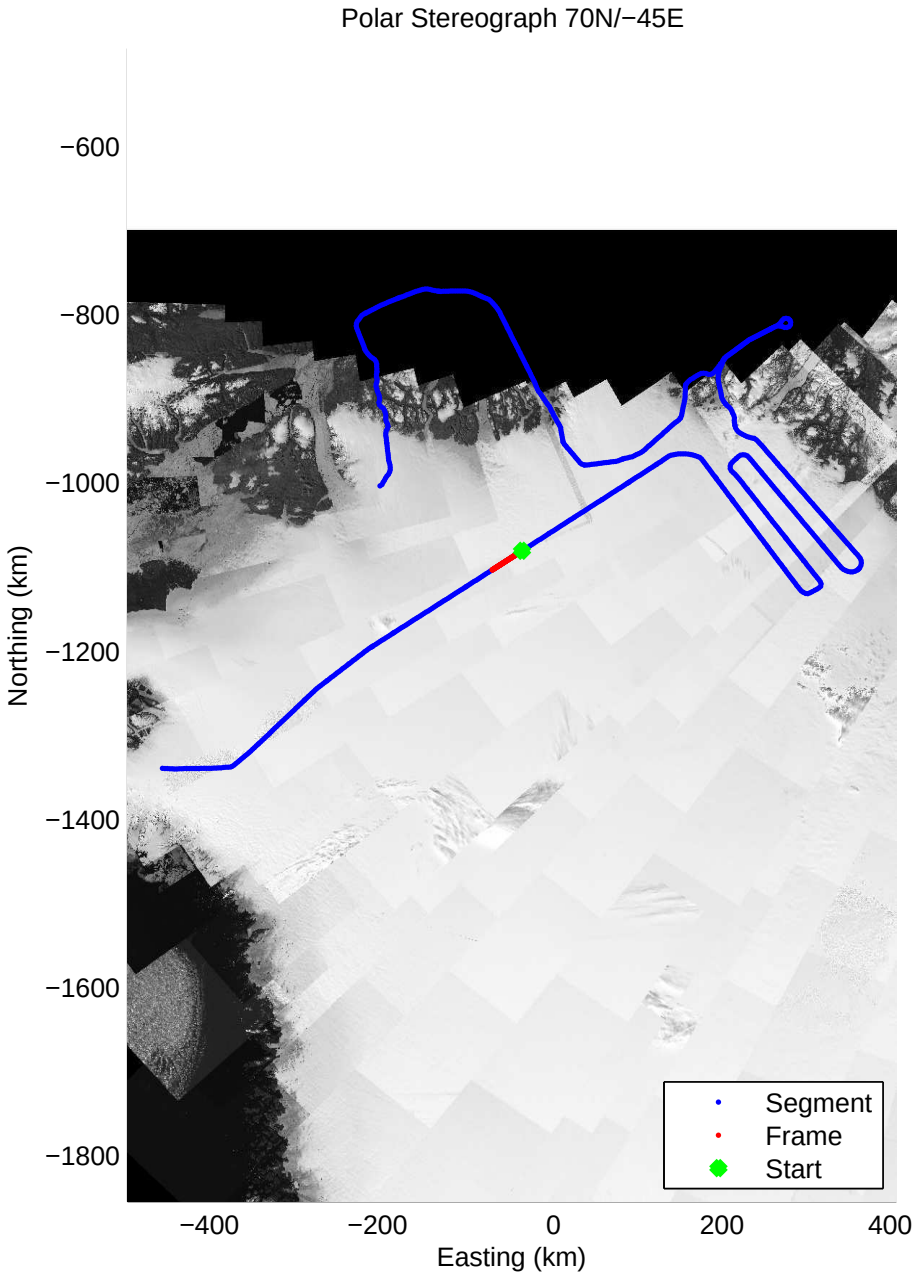

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

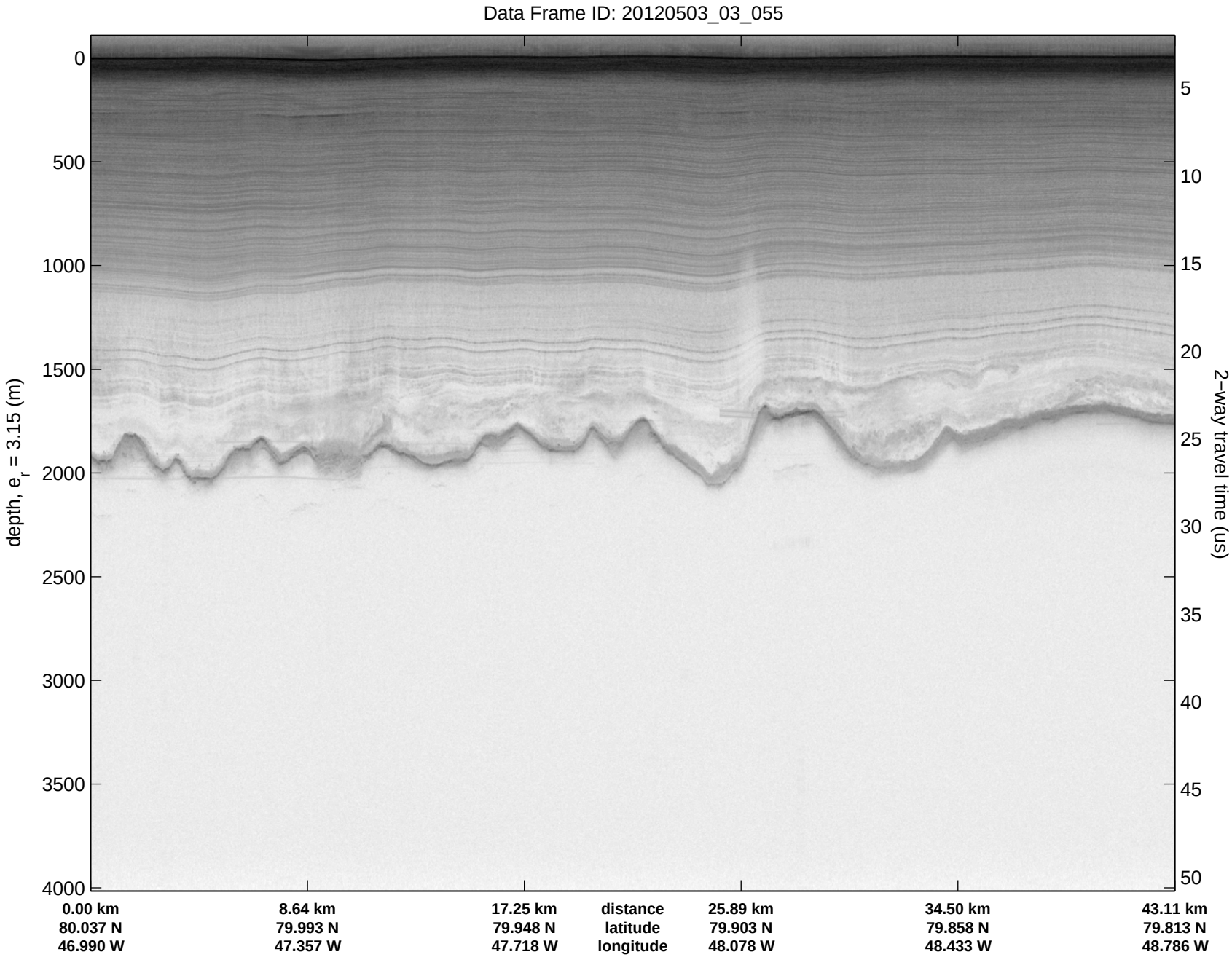

Data Frame ID: 20120503_03_054
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.230 N
45.312 W
8.13 km
80.190 N
45.670 W
16.26 km
80.150 N
46.025 W
distance
latitude
longitude
24.39 km
80.109 N
46.378 W
32.52 km
80.068 N
46.727 W
40.62 km
80.027 N
47.073 W

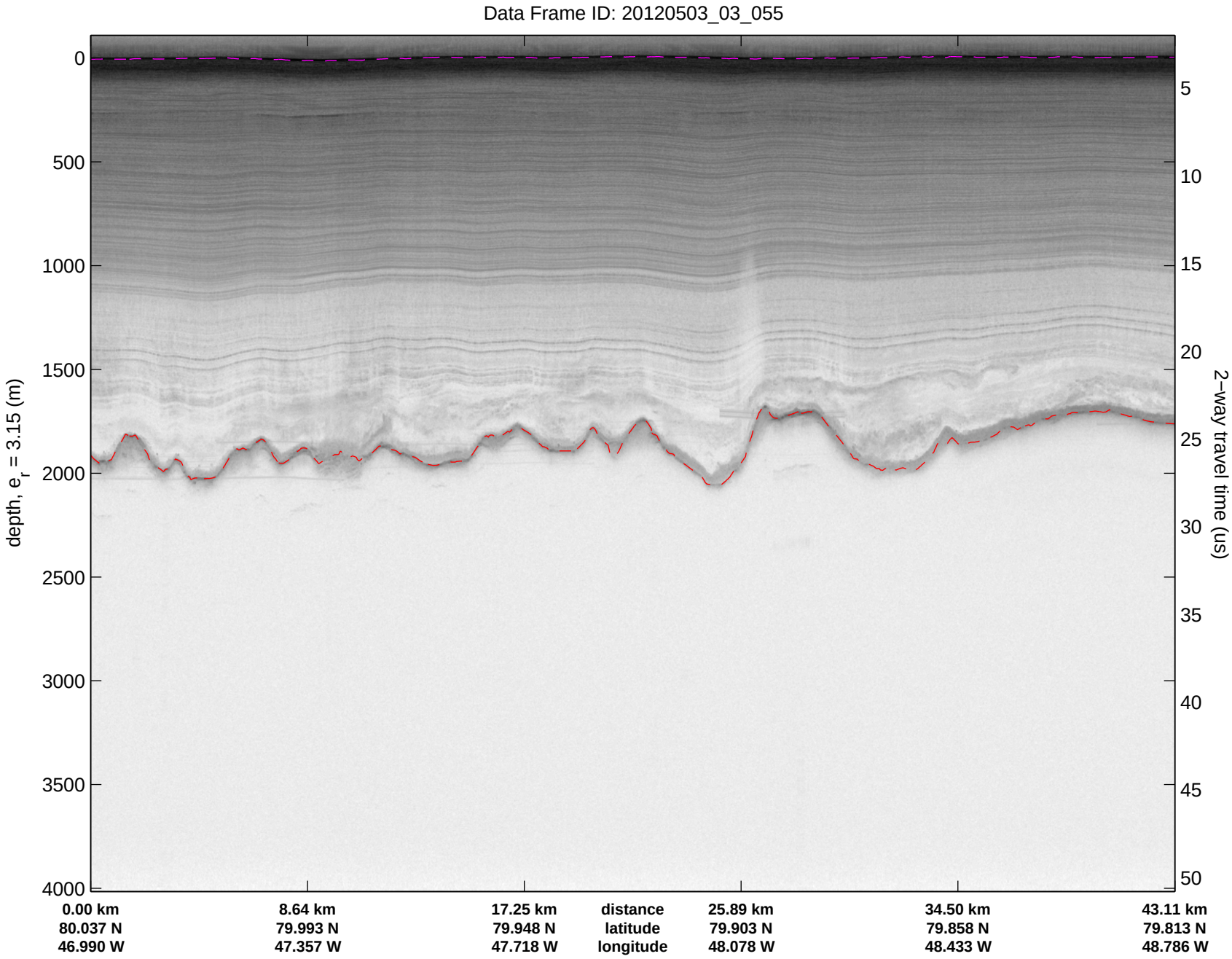

Data Frame ID: 20120503_03_054
depth, e_r = 3.15 (m)
2−way travel time (us)
0
500
1000
1500
2000
2500
3000
3500
4000
5
10
15
20
25
30
35
40
45
50
0.00 km
80.230 N
45.312 W
8.13 km
80.190 N
45.670 W
16.26 km
80.150 N
46.025 W
distance
latitude
longitude
24.39 km
80.109 N
46.378 W
32.52 km
80.068 N
46.727 W
40.62 km
80.027 N
47.073 W

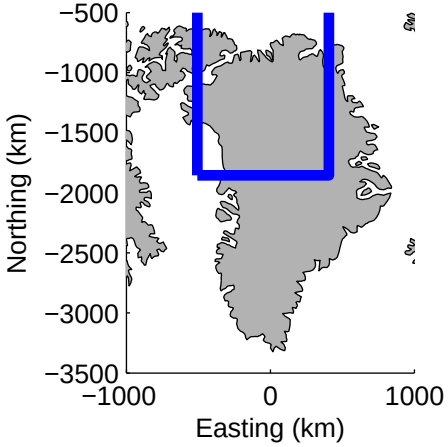

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

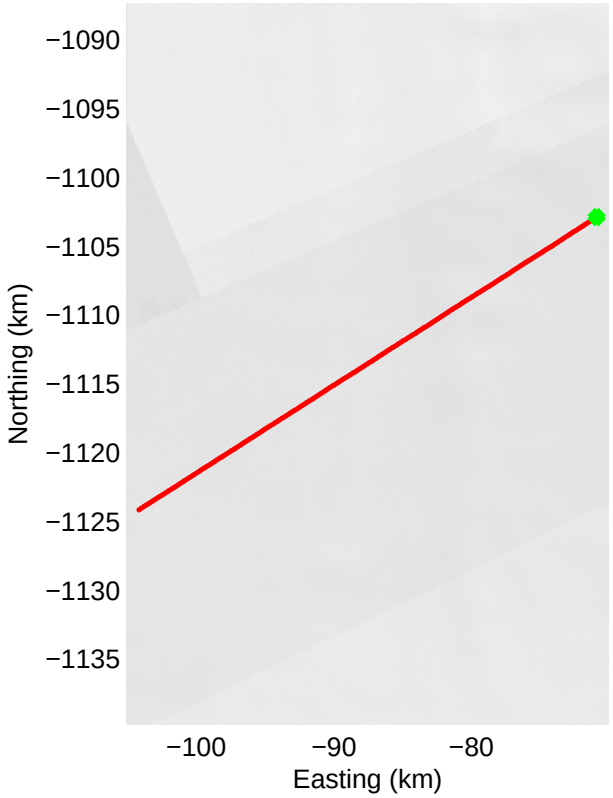

−1070
−1080
−1090
−1100
−1110
−1120
Northing (km)
−70
−60
−50
−40
Easting (km)

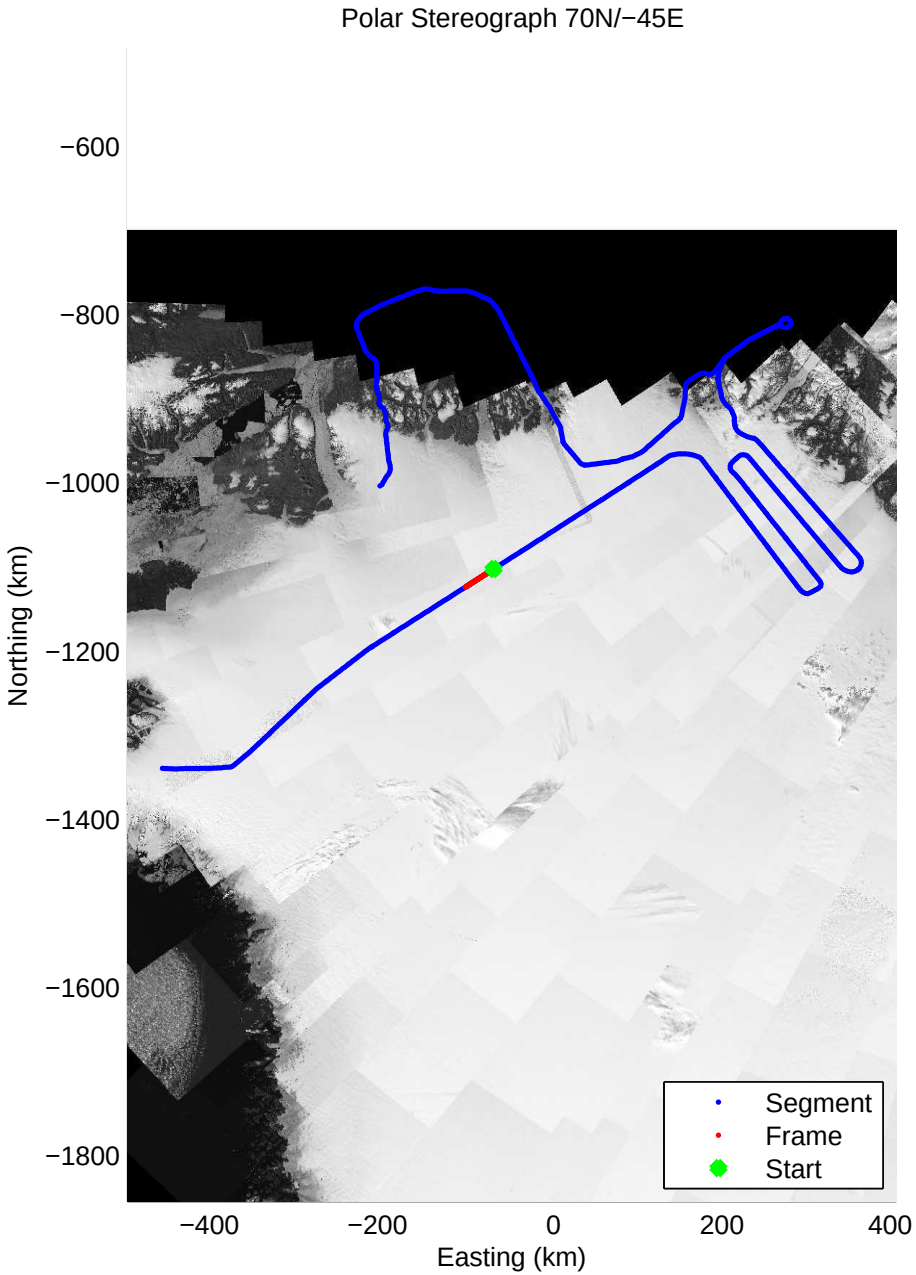

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

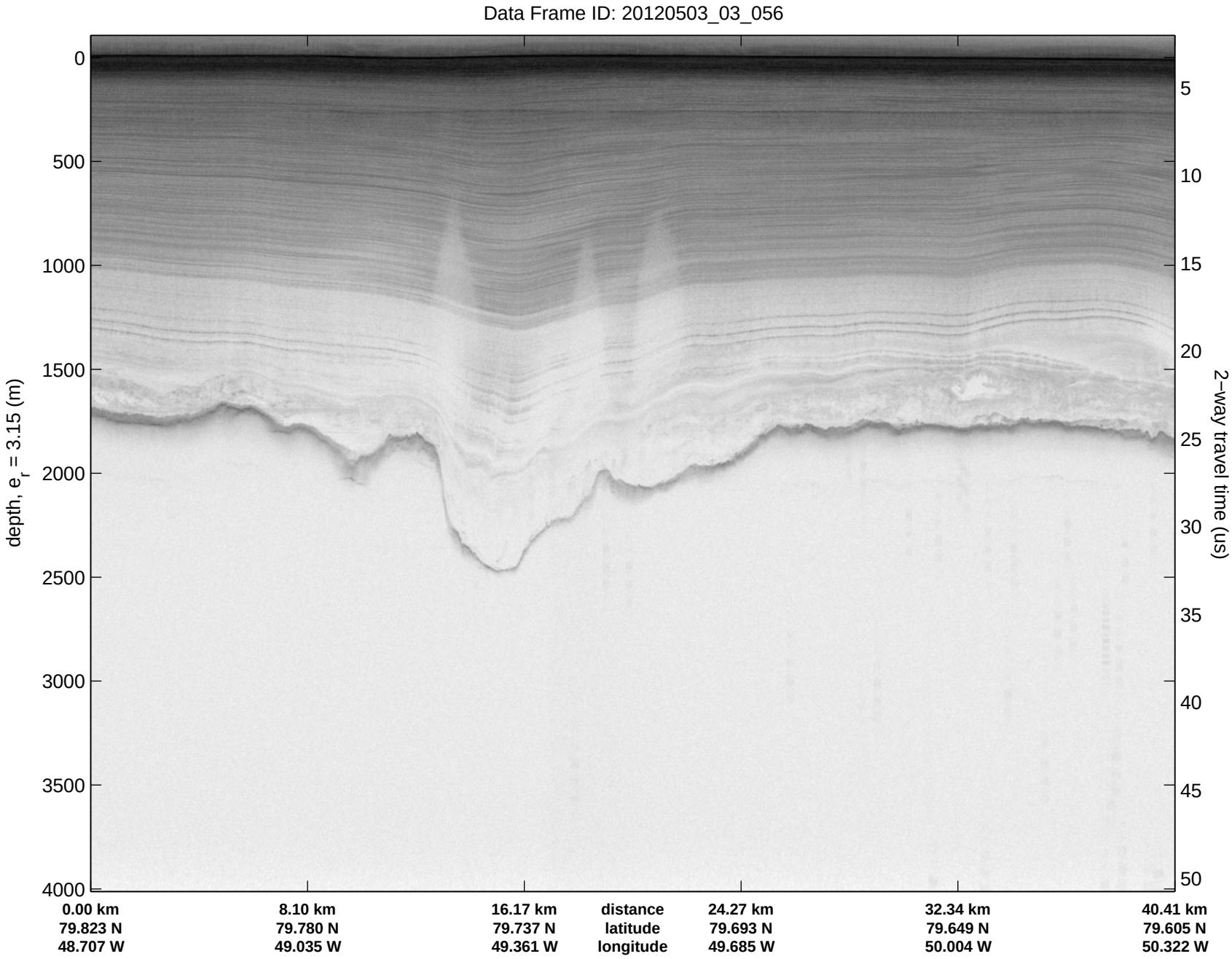

Data Frame ID: 20120503_03_055
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.037 N
46.990 W
8.64 km
79.993 N
47.357 W
17.25 km
79.948 N
47.718 W
distance
latitude
longitude
25.89 km
79.903 N
48.078 W
34.50 km
79.858 N
48.433 W
43.11 km
79.813 N
48.786 W

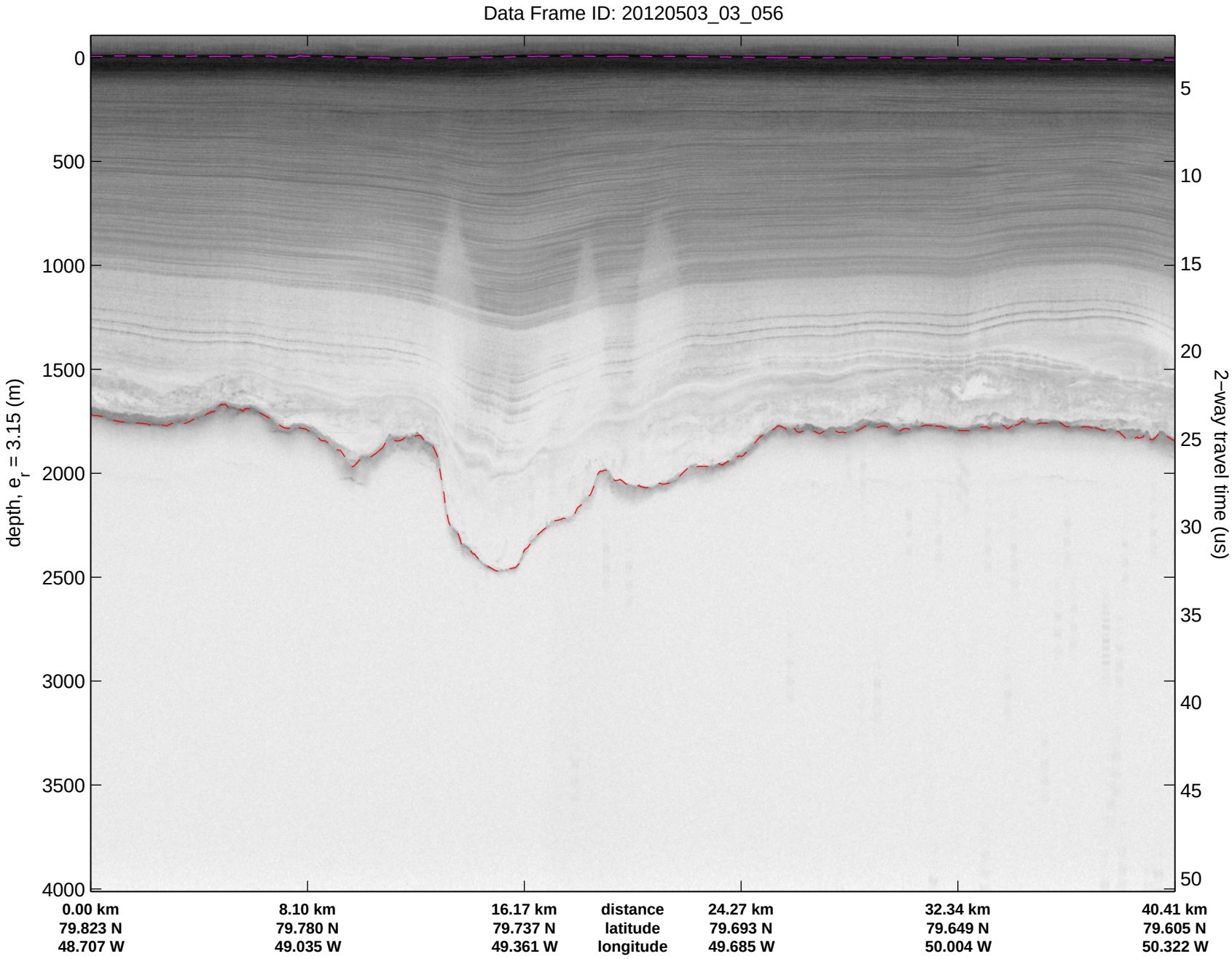

Data Frame ID: 20120503_03_055
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
80.037 N
46.990 W
8.64 km
79.993 N
47.357 W
17.25 km
79.948 N
47.718 W
distance
latitude
longitude
25.89 km
79.903 N
48.078 W
34.50 km
79.858 N
48.433 W
43.11 km
79.813 N
48.786 W

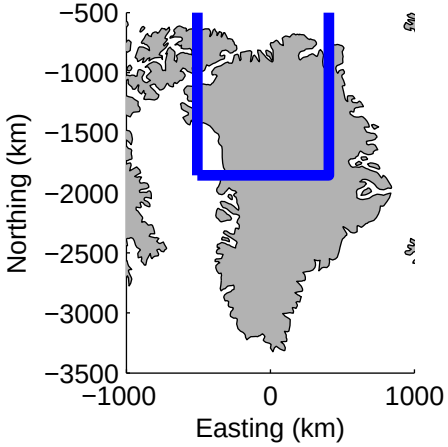

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

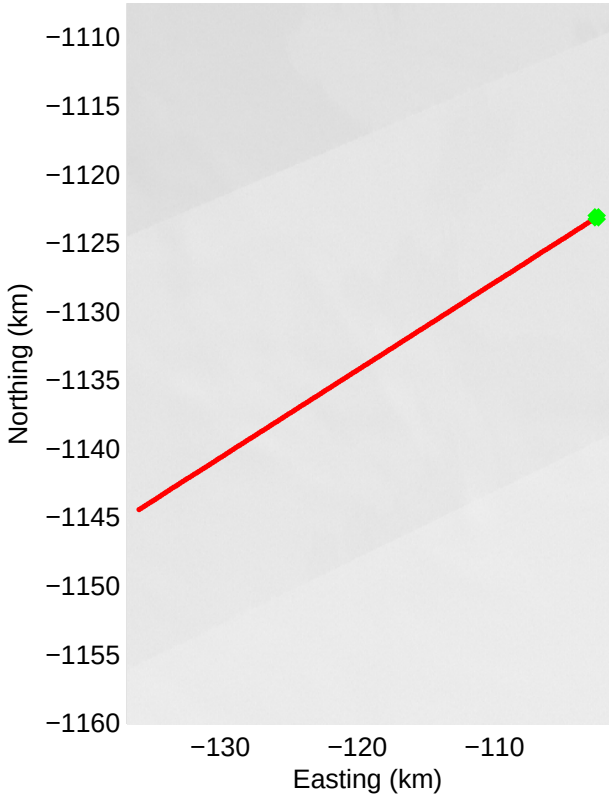

−1090
−1095
−1100
−1105
−1110
−1115
−1120
−1125
−1130
−1135
Northing (km)
−100
−90
−80
Easting (km)

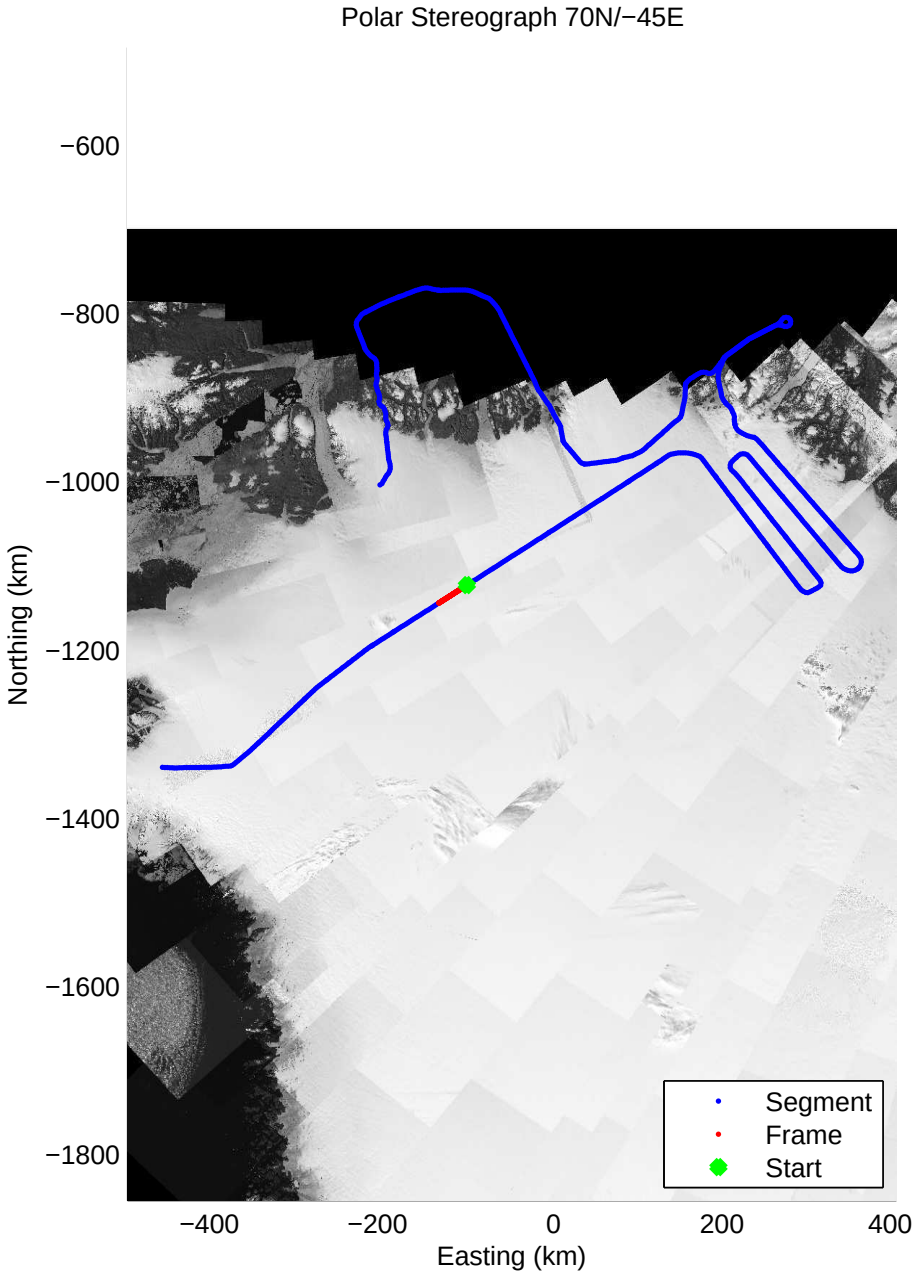

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

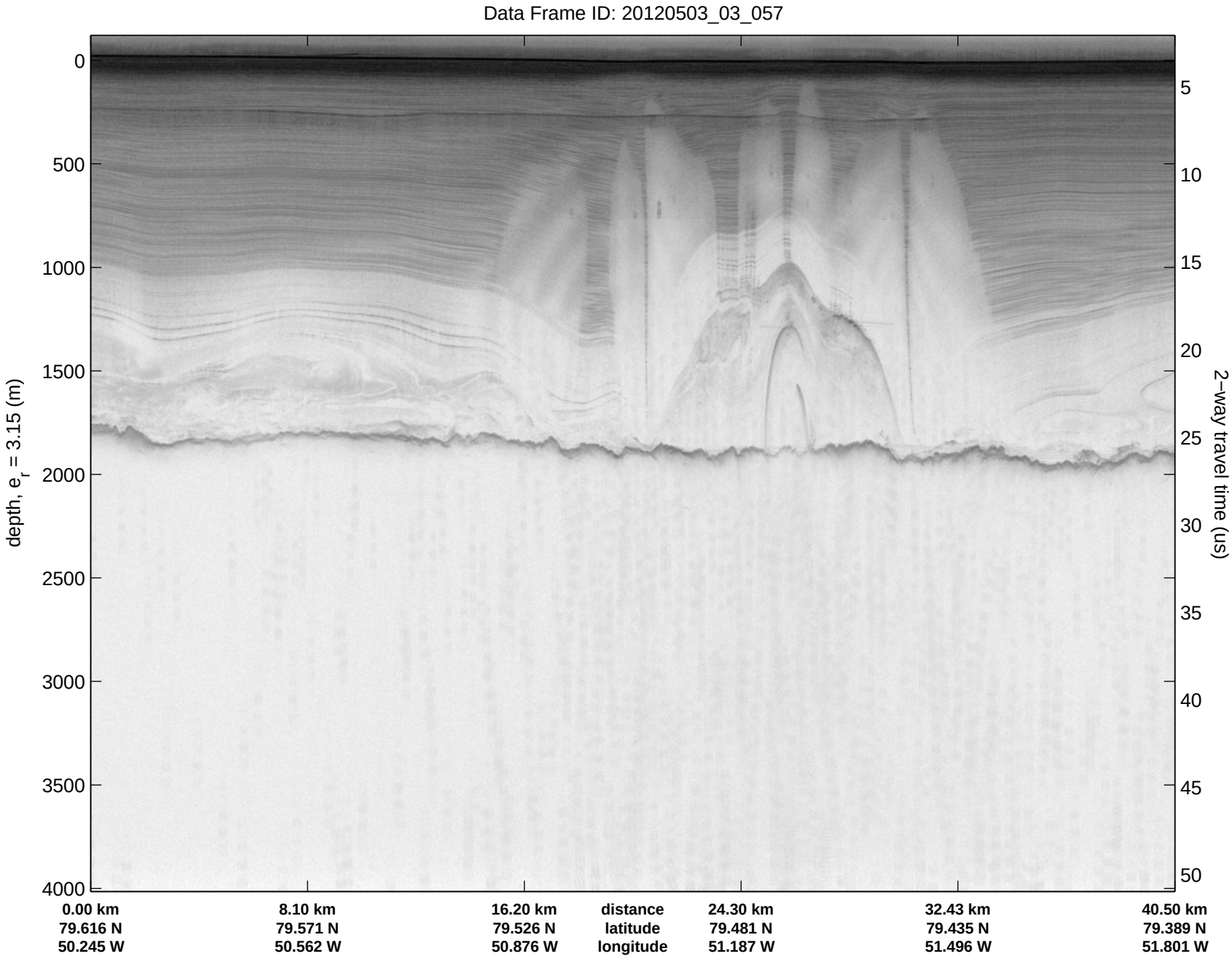

Data Frame ID: 20120503_03_056
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.823 N
48.707 W
8.10 km
79.780 N
49.035 W
16.17 km
79.737 N
49.361 W
distance
latitude
longitude
24.27 km
79.693 N
49.685 W
32.34 km
79.649 N
50.004 W
40.41 km
79.605 N
50.322 W

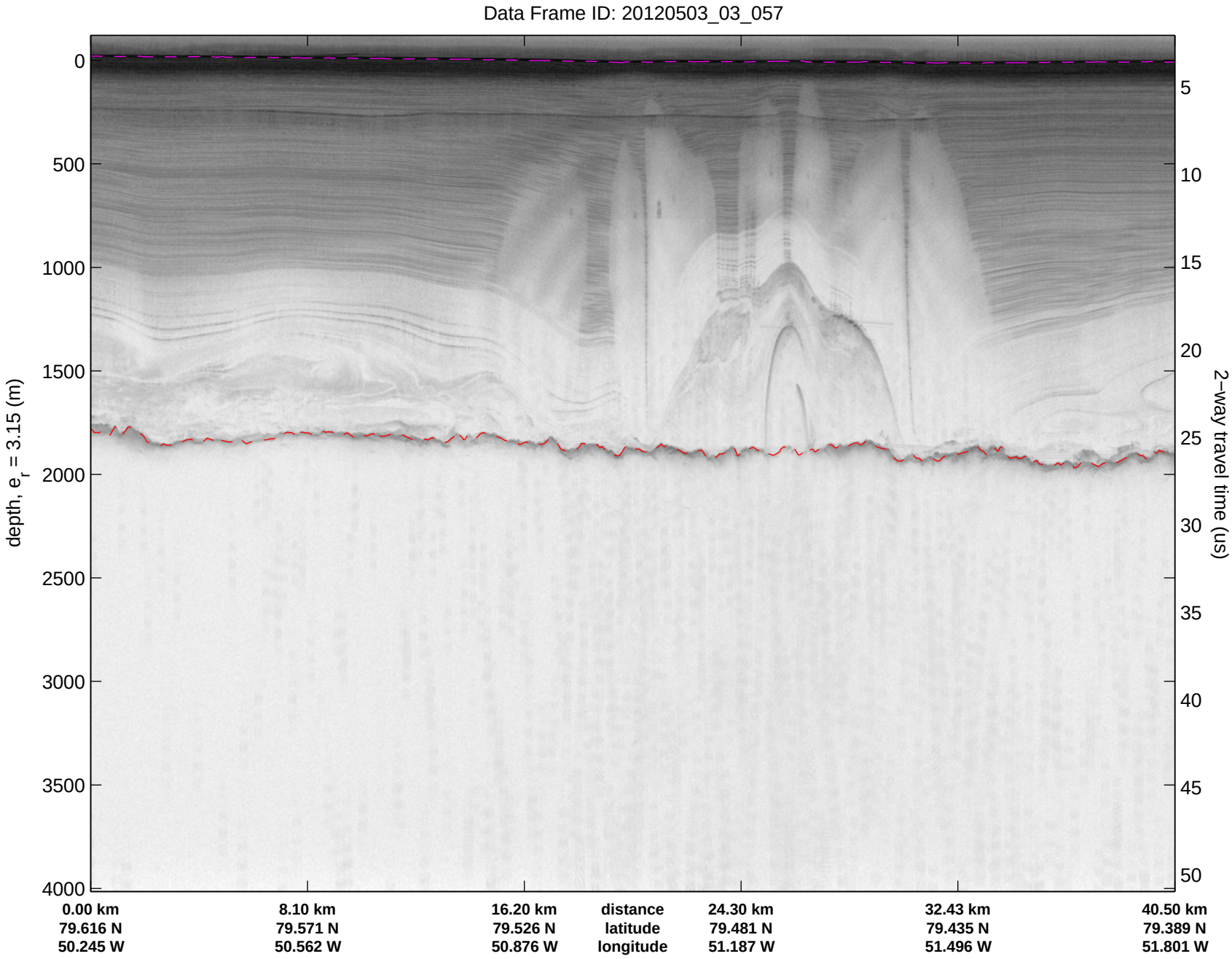

Data Frame ID: 20120503_03_056
depth, e_r = 3.15 (m)
2−way travel time (us)
0
500
1000
1500
2000
2500
3000
3500
4000
5
10
15
20
25
30
35
40
45
50
0.00 km
79.823 N
48.707 W
8.10 km
79.780 N
49.035 W
16.17 km
79.737 N
49.361 W
distance
latitude
longitude
24.27 km
79.693 N
49.685 W
32.34 km
79.649 N
50.004 W
40.41 km
79.605 N
50.322 W

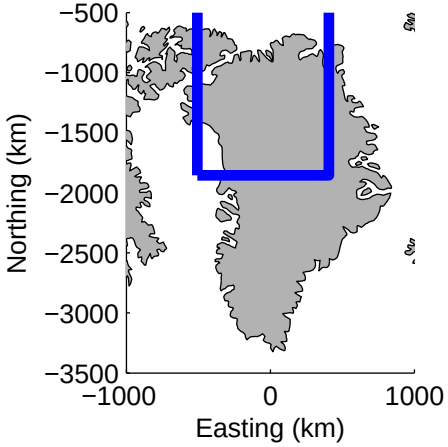

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

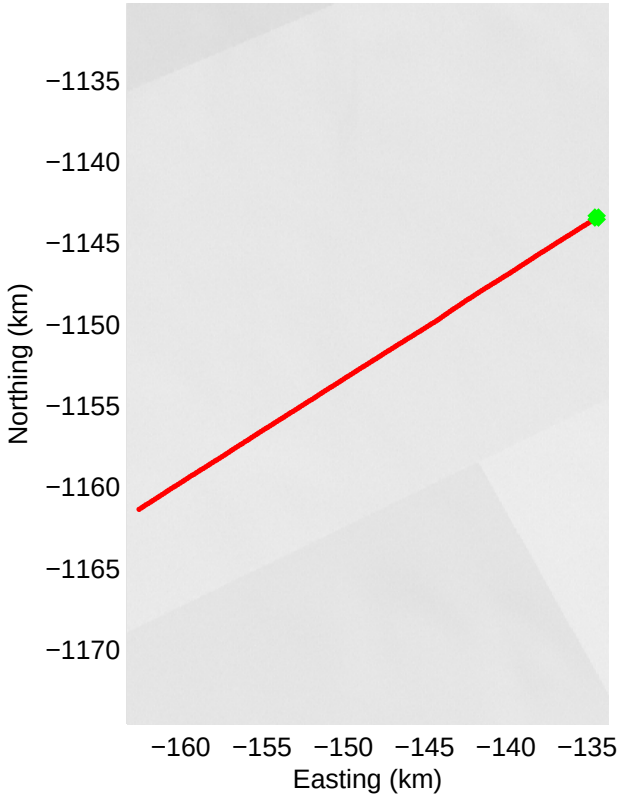

−1110
−1115
−1120
−1125
−1130
−1135
−1140
−1145
−1150
−1155
−1160
Northing (km)
−130
−120
−110
Easting (km)

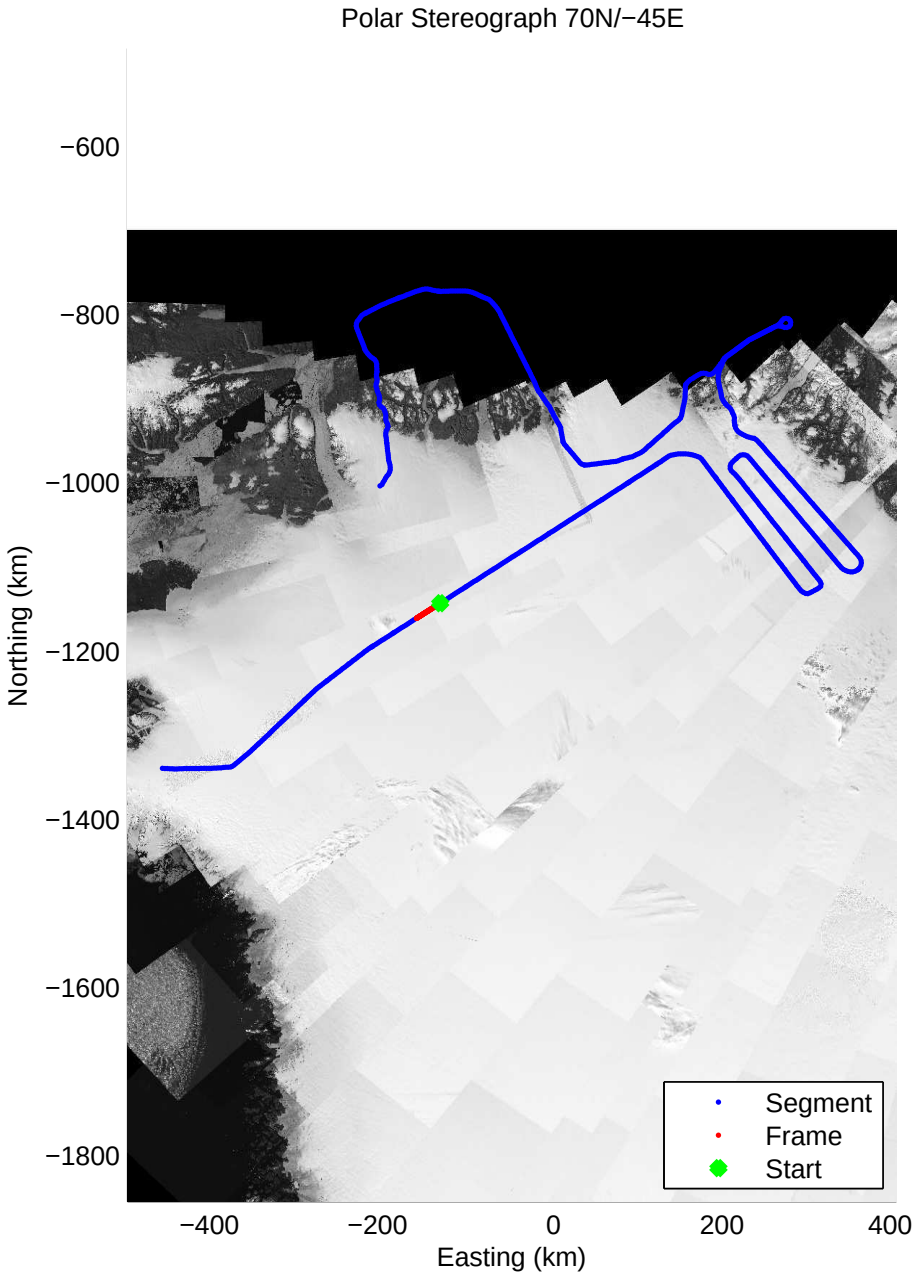

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

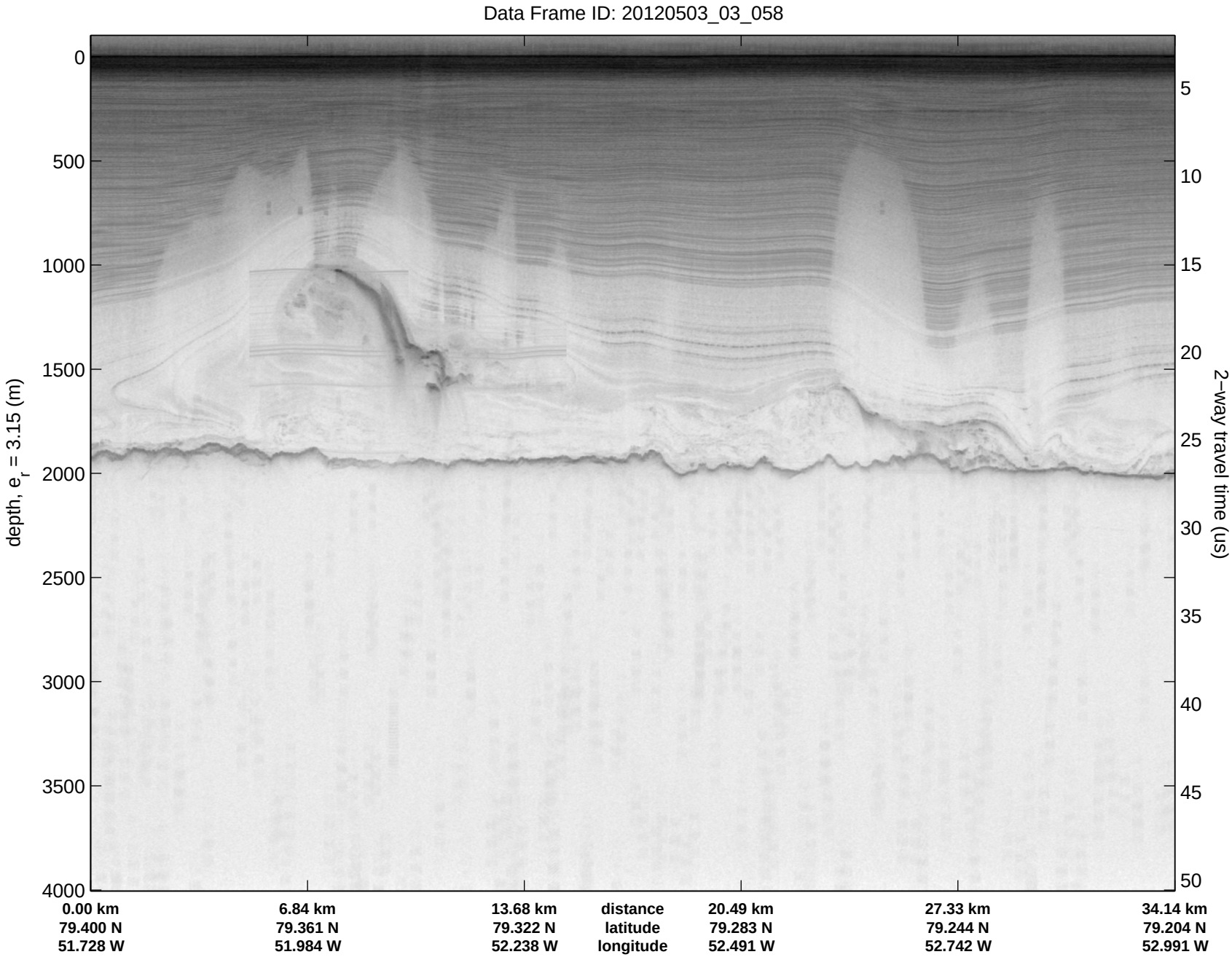

Data Frame ID: 20120503_03_057
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.616 N
50.245 W
8.10 km
79.571 N
50.562 W
16.20 km
79.526 N
50.876 W
distance
latitude
longitude
24.30 km
79.481 N
51.187 W
32.43 km
79.435 N
51.496 W
40.50 km
79.389 N
51.801 W

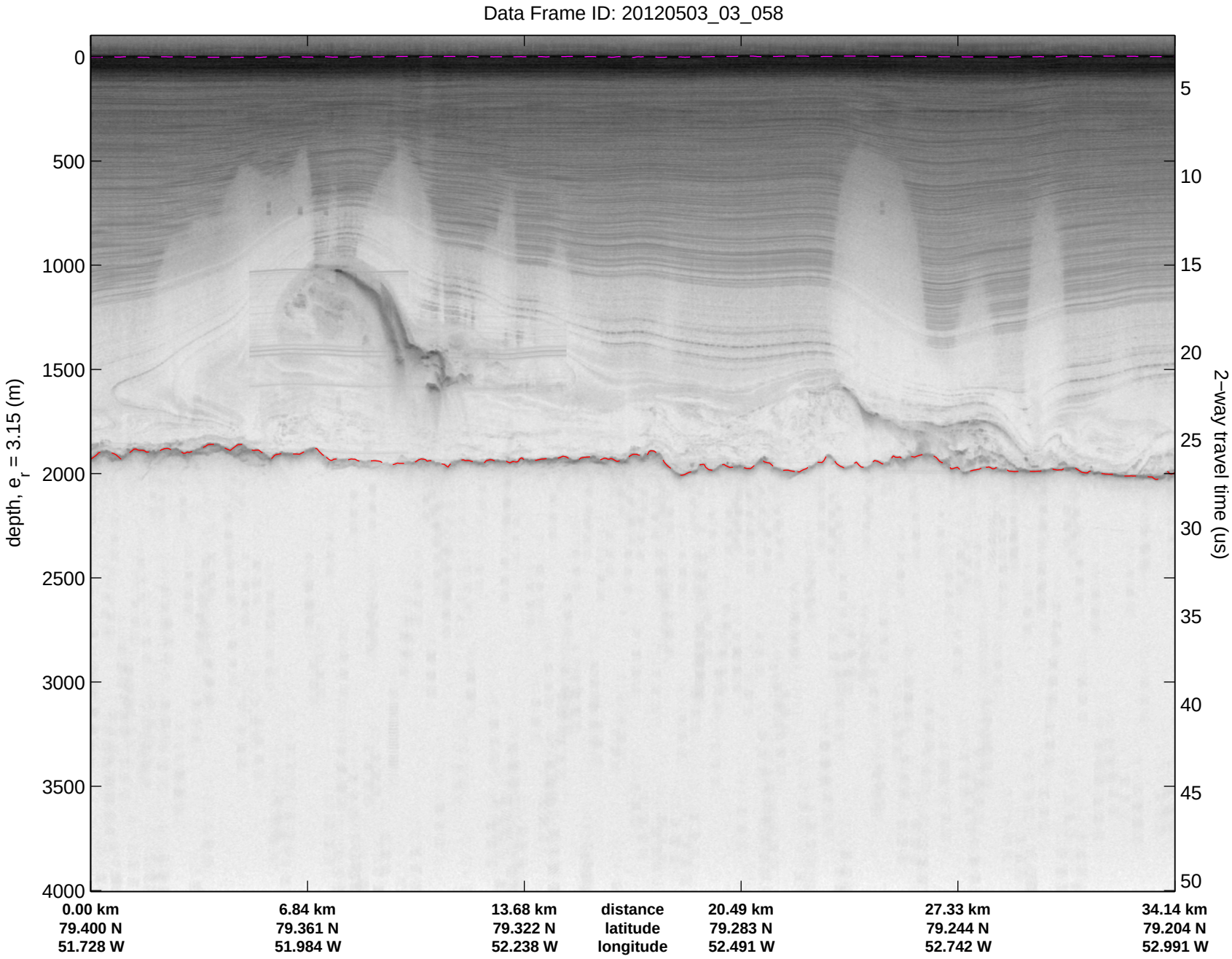

Data Frame ID: 20120503_03_057
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.616 N
50.245 W
8.10 km
79.571 N
50.562 W
16.20 km
79.526 N
50.876 W
distance
latitude
longitude
24.30 km
79.481 N
51.187 W
32.43 km
79.435 N
51.496 W
40.50 km
79.389 N
51.801 W

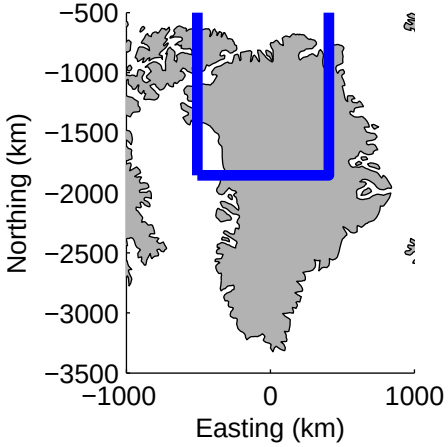

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

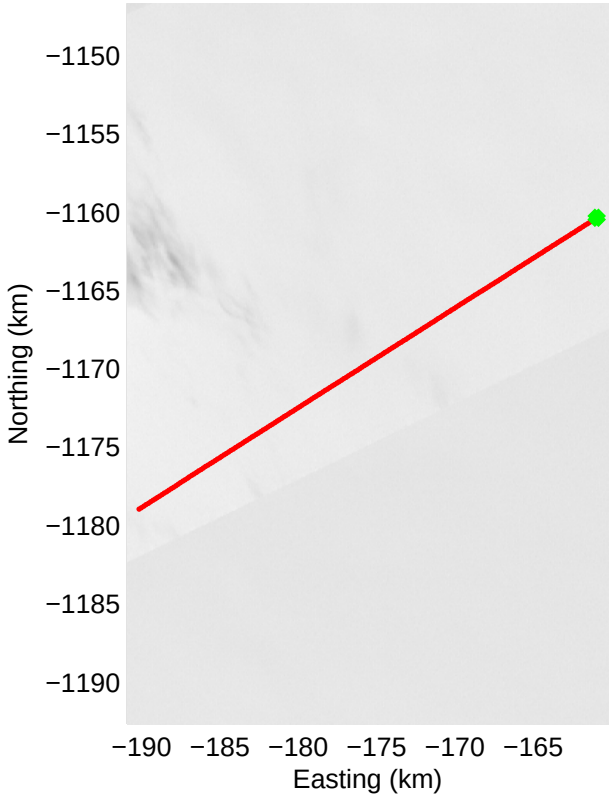

−1135
−1140
−1145
−1150
−1155
−1160
−1165
−1170
Northing (km)
−160
−155
−150
−145
−140
−135
Easting (km)

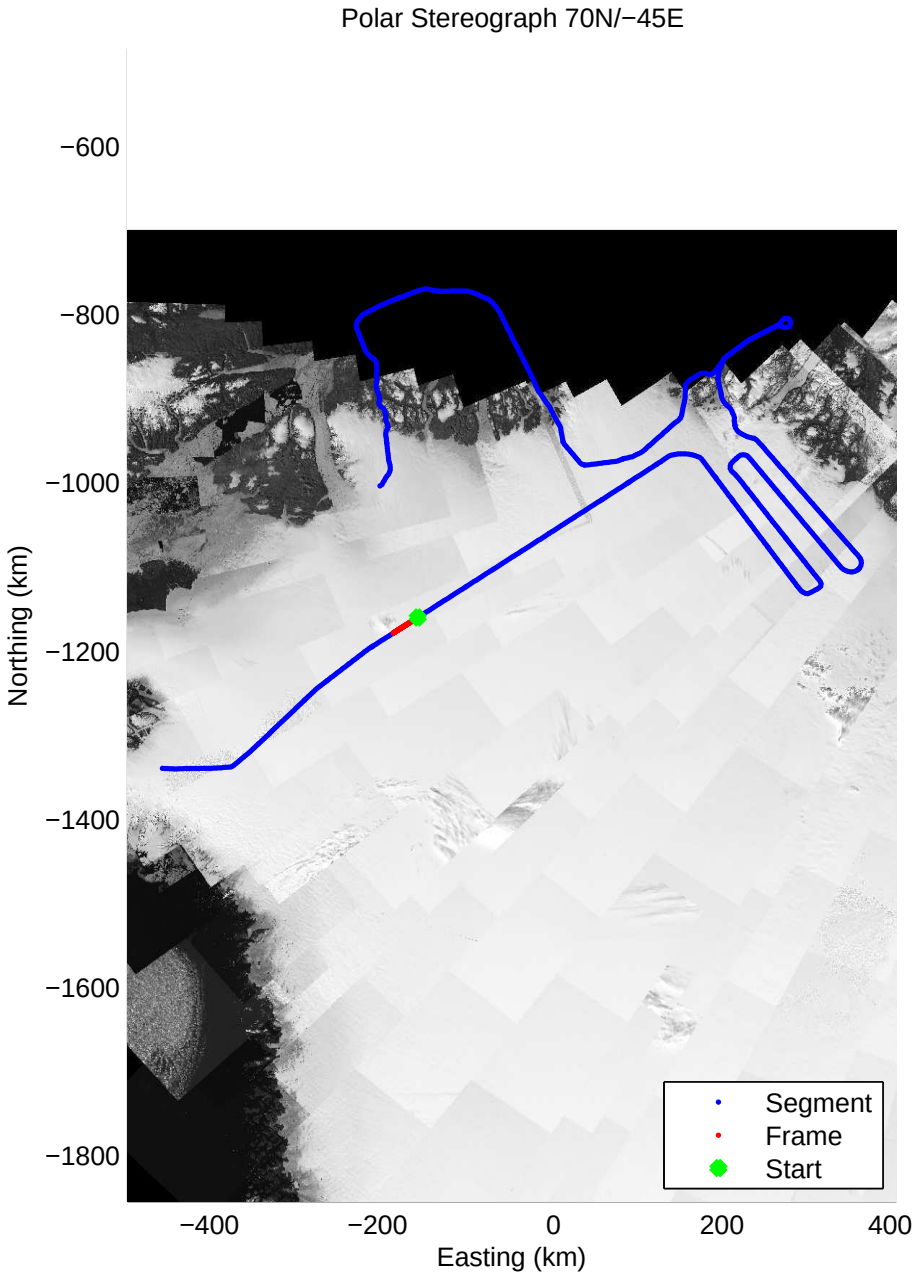

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

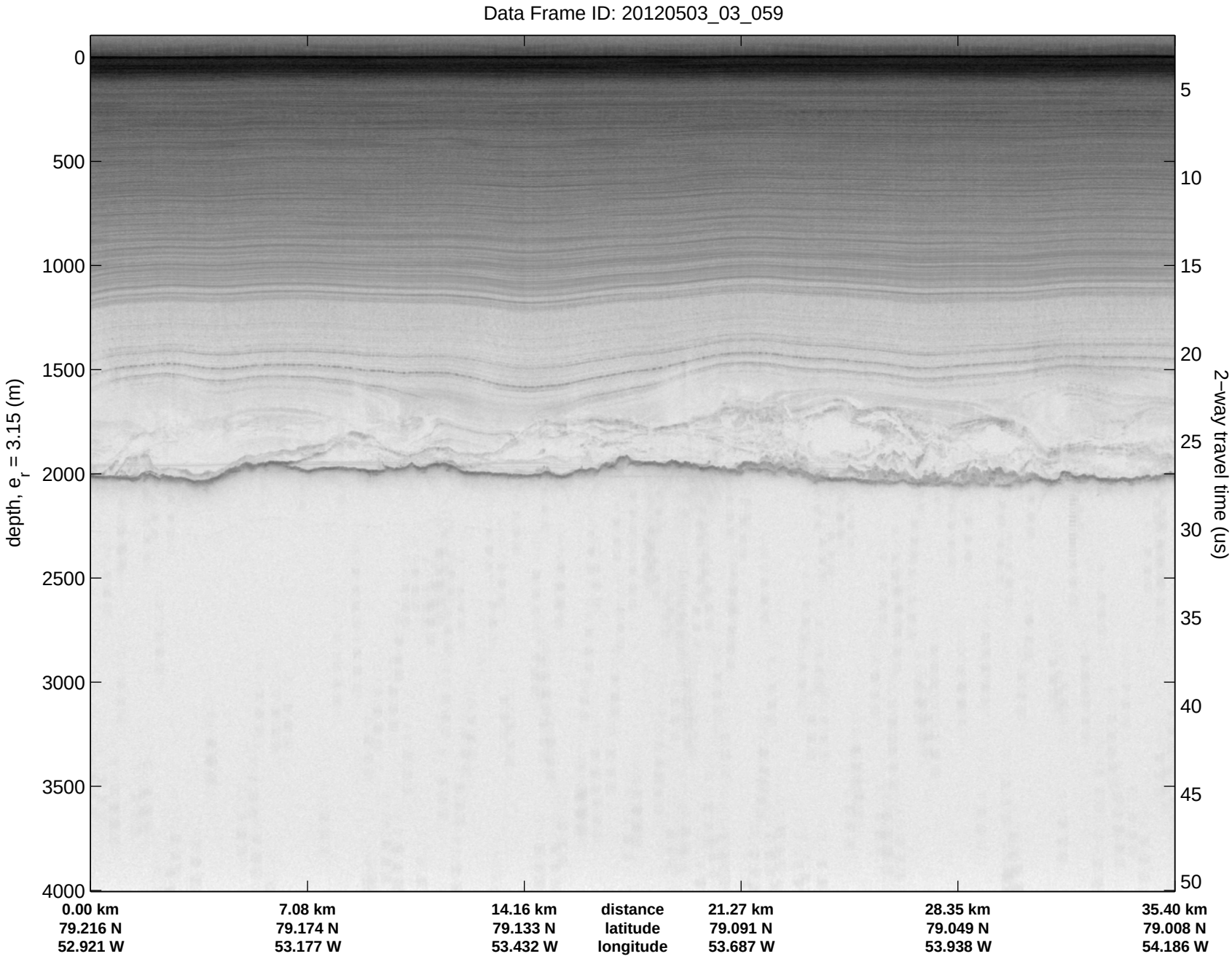

Data Frame ID: 20120503_03_058
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.400 N
51.728 W
6.84 km
79.361 N
51.984 W
13.68 km
79.322 N
52.238 W
distance
latitude
longitude
20.49 km
79.283 N
52.491 W
27.33 km
79.244 N
52.742 W
34.14 km
79.204 N
52.991 W

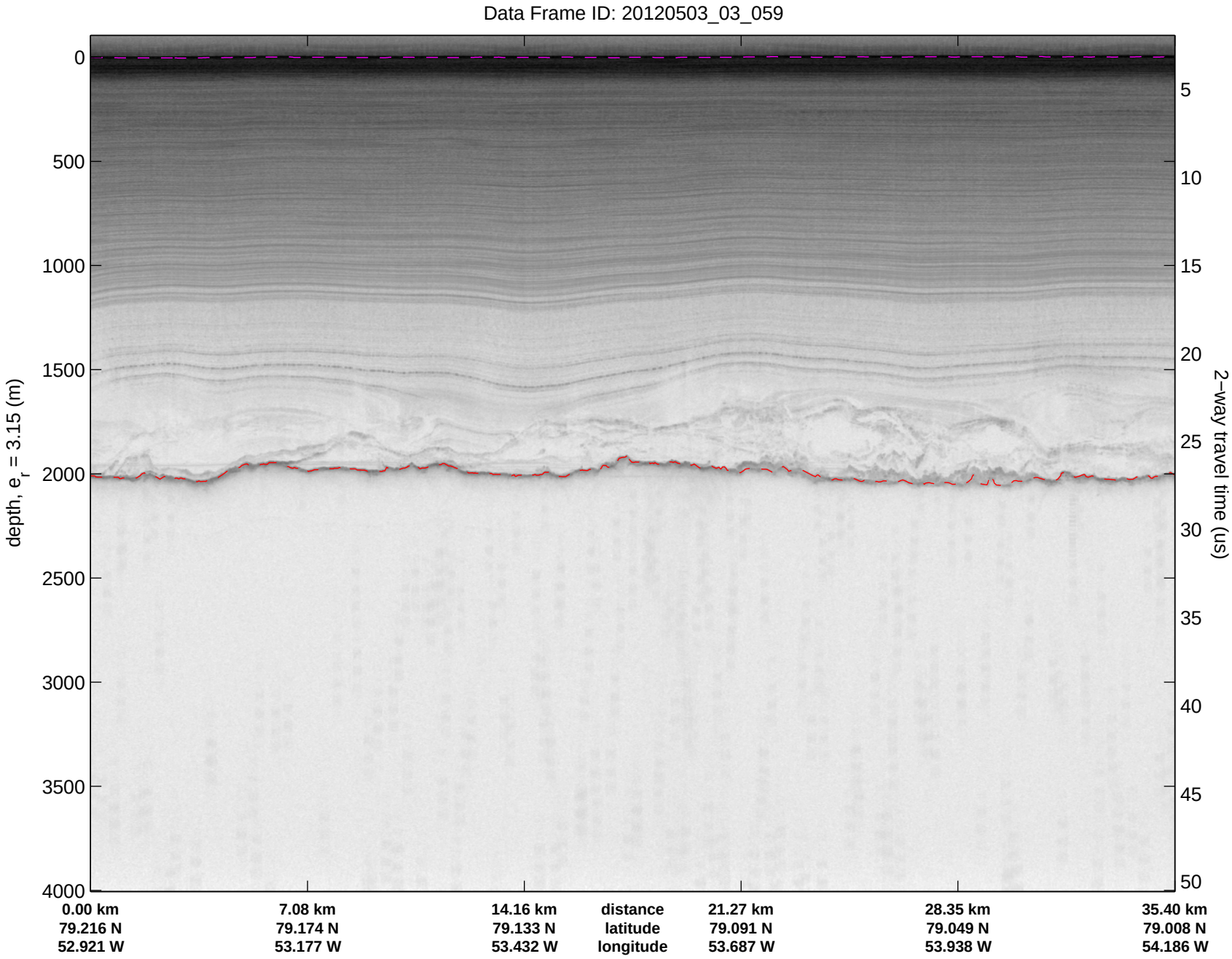

Data Frame ID: 20120503_03_058
depth, e_r = 3.15 (m)
2−way travel time (us)
0
500
1000
1500
2000
2500
3000
3500
4000
5
10
15
20
25
30
35
40
45
50
0.00 km
79.400 N
51.728 W
6.84 km
79.361 N
51.984 W
13.68 km
79.322 N
52.238 W
distance
latitude
longitude
20.49 km
79.283 N
52.491 W
27.33 km
79.244 N
52.742 W
34.14 km
79.204 N
52.991 W

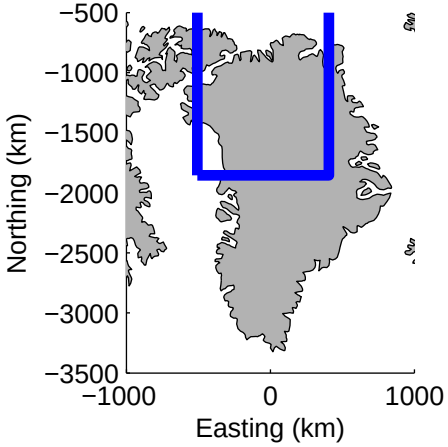

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

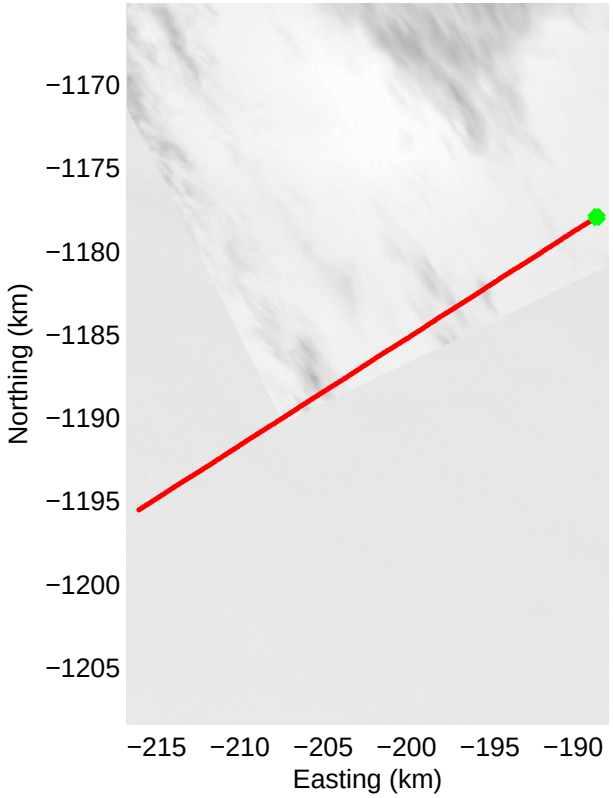

−1150
−1155
−1160
−1165
−1170
−1175
−1180
−1185
−1190
Northing (km)
−190
−185
−180
−175
−170
−165
Easting (km)

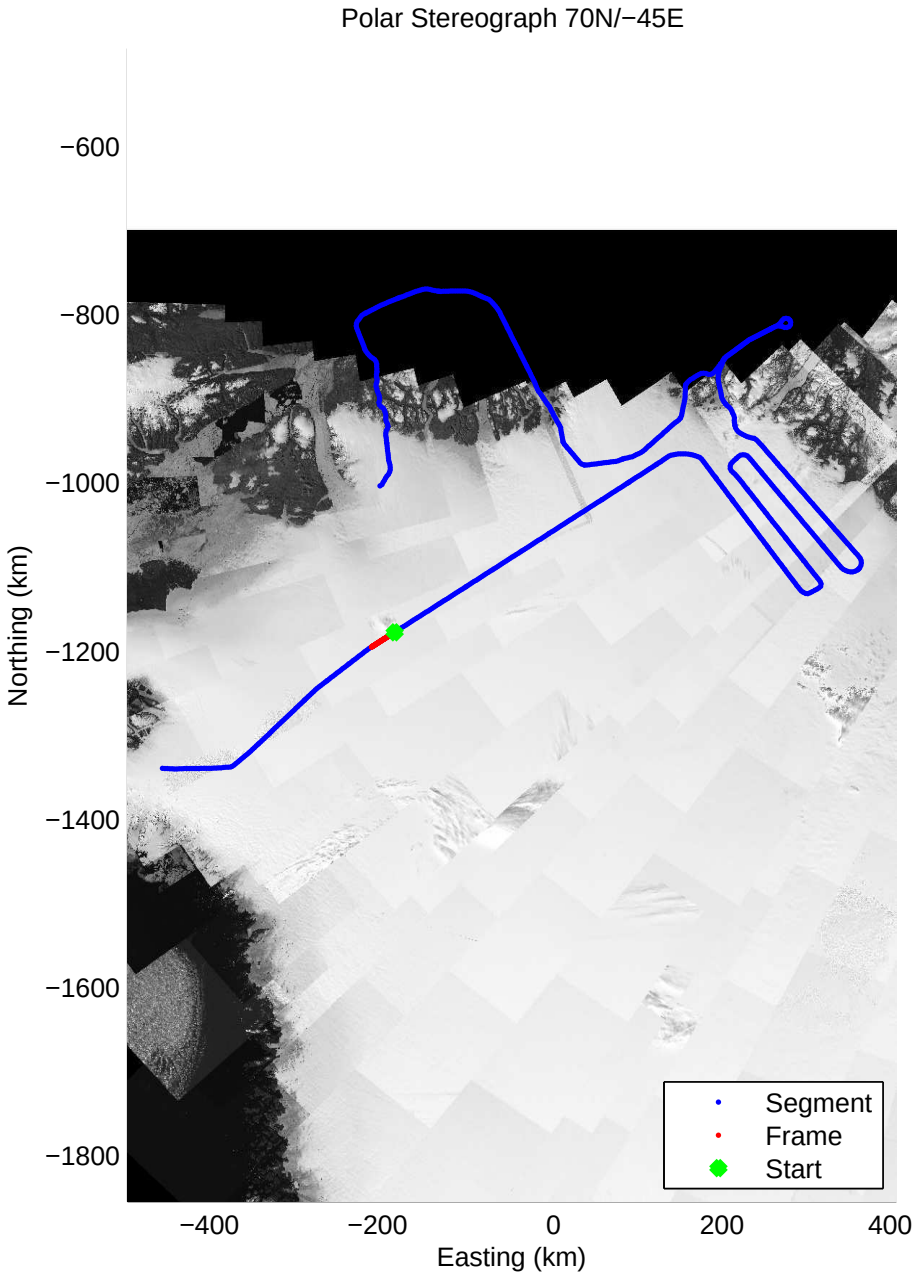

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

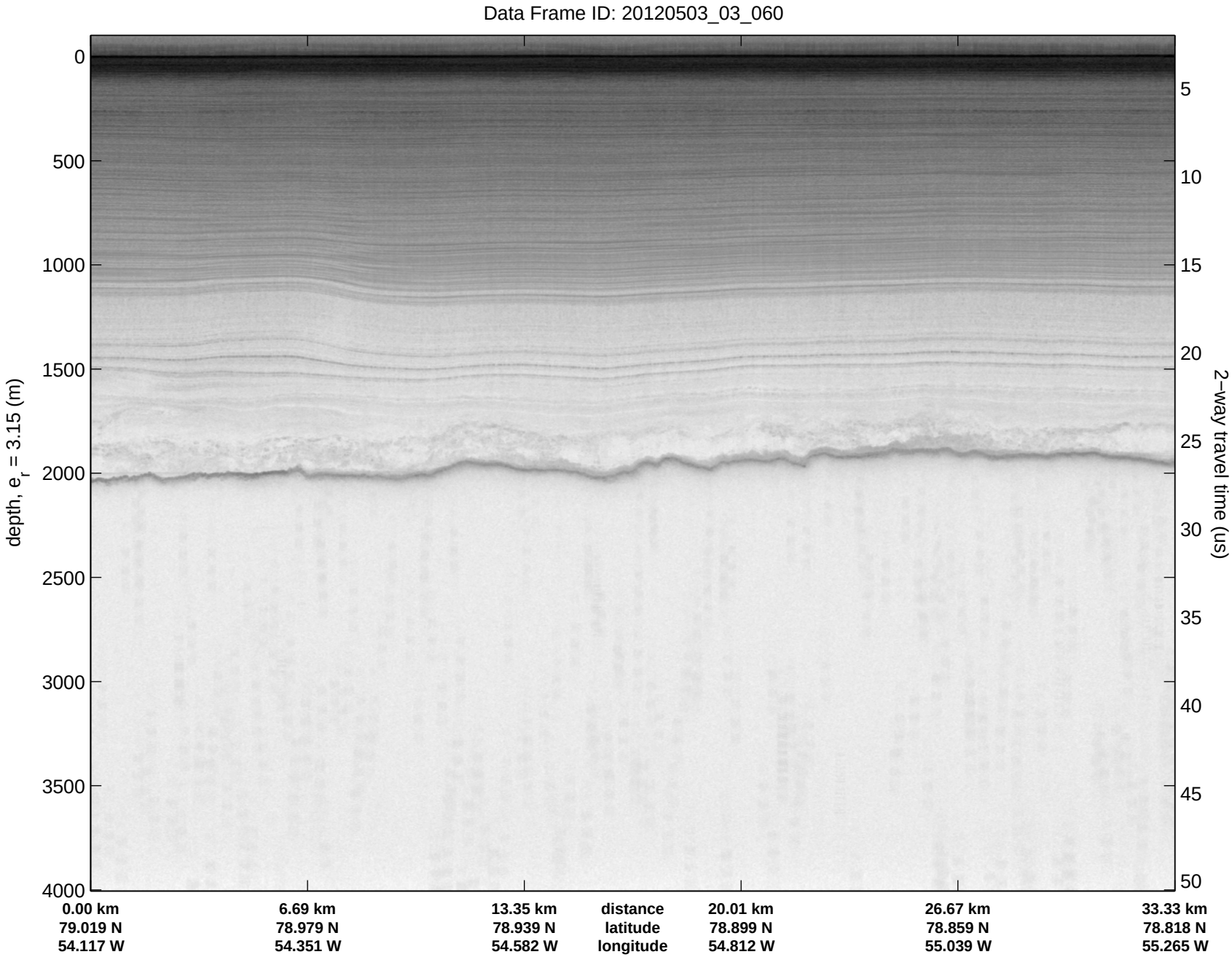

Data Frame ID: 20120503_03_059
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.216 N
52.921 W
7.08 km
79.174 N
53.177 W
14.16 km
79.133 N
53.432 W
distance
latitude
longitude
21.27 km
79.091 N
53.687 W
28.35 km
79.049 N
53.938 W
35.40 km
79.008 N
54.186 W

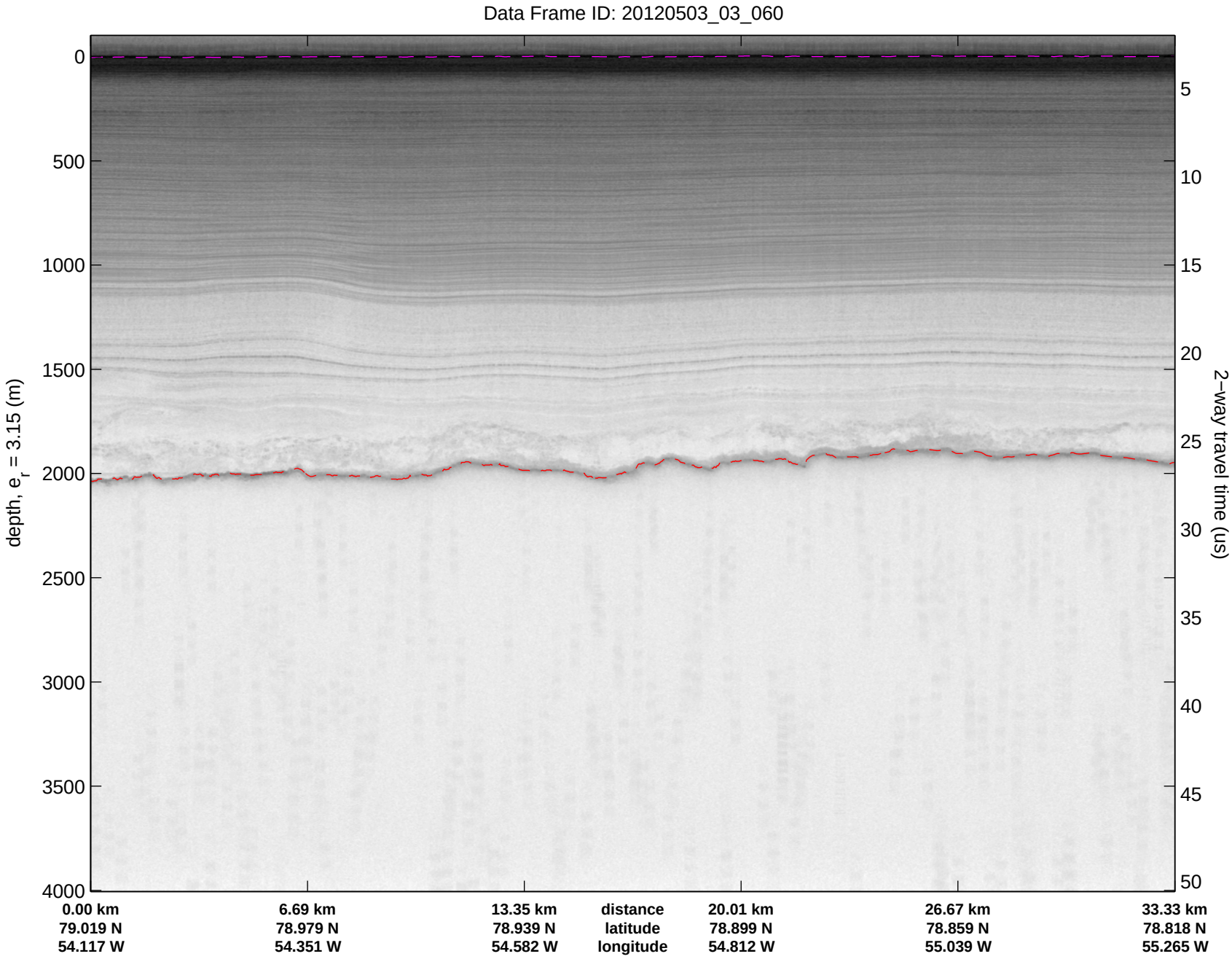

Data Frame ID: 20120503_03_059
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.216 N
52.921 W
7.08 km
79.174 N
53.177 W
14.16 km
79.133 N
53.432 W
distance
latitude
longitude
21.27 km
79.091 N
53.687 W
28.35 km
79.049 N
53.938 W
35.40 km
79.008 N
54.186 W

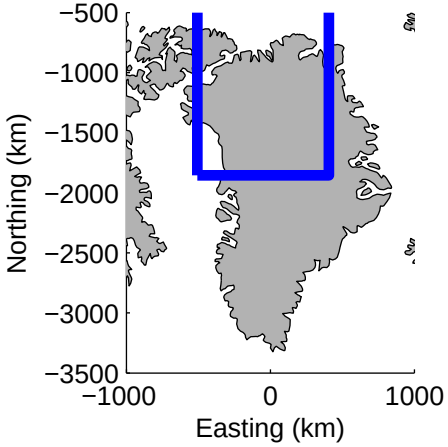

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

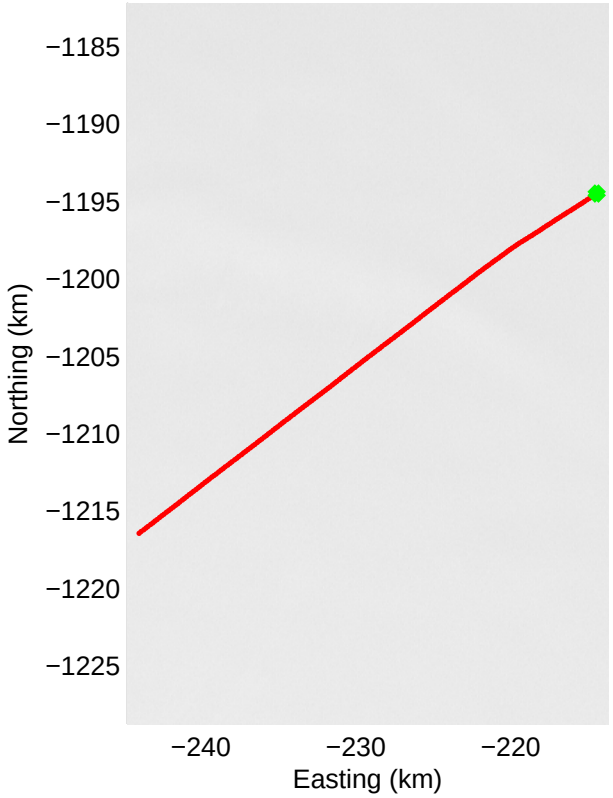

−1170
−1175
−1180
−1185
−1190
−1195
−1200
−1205
Northing (km)
−215
−210
−205
−200
−195
−190
Easting (km)

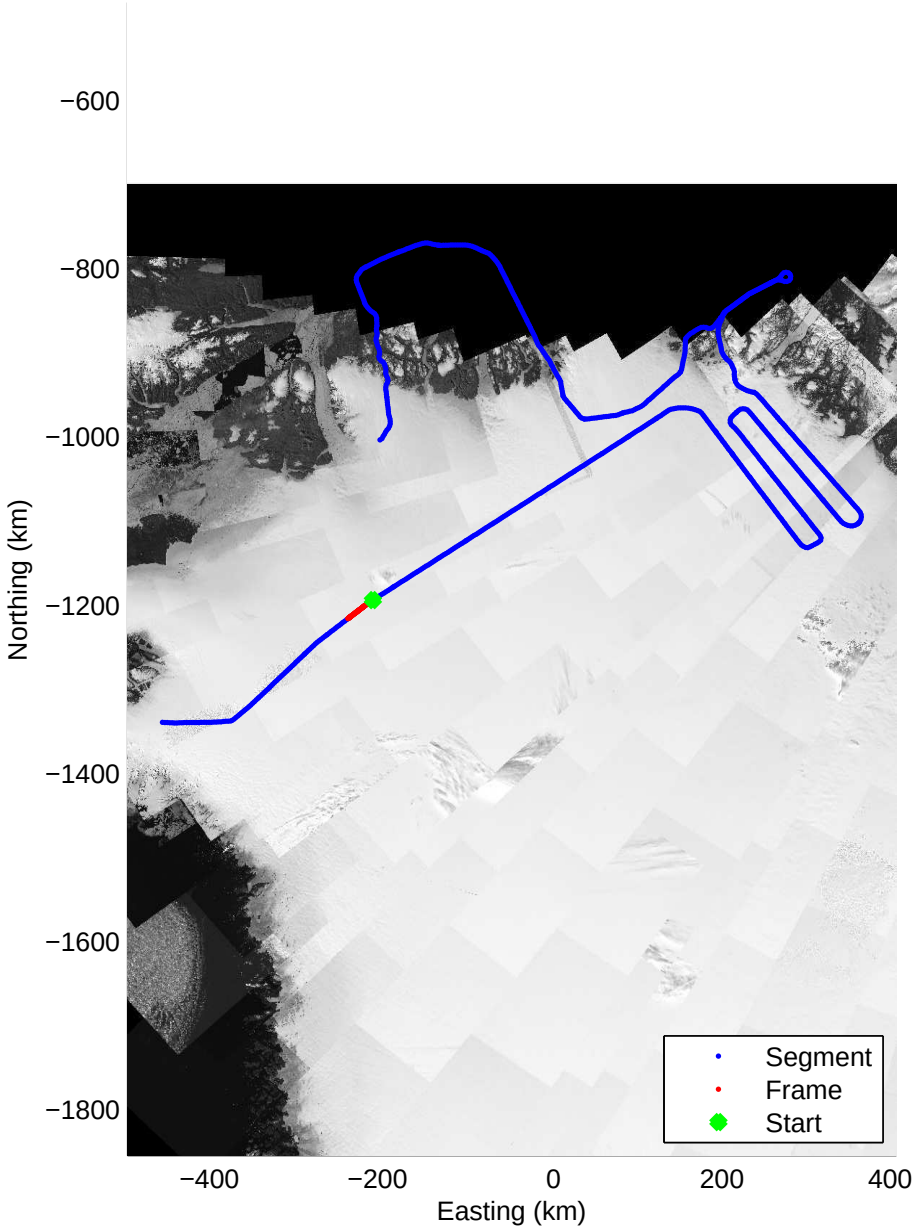

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

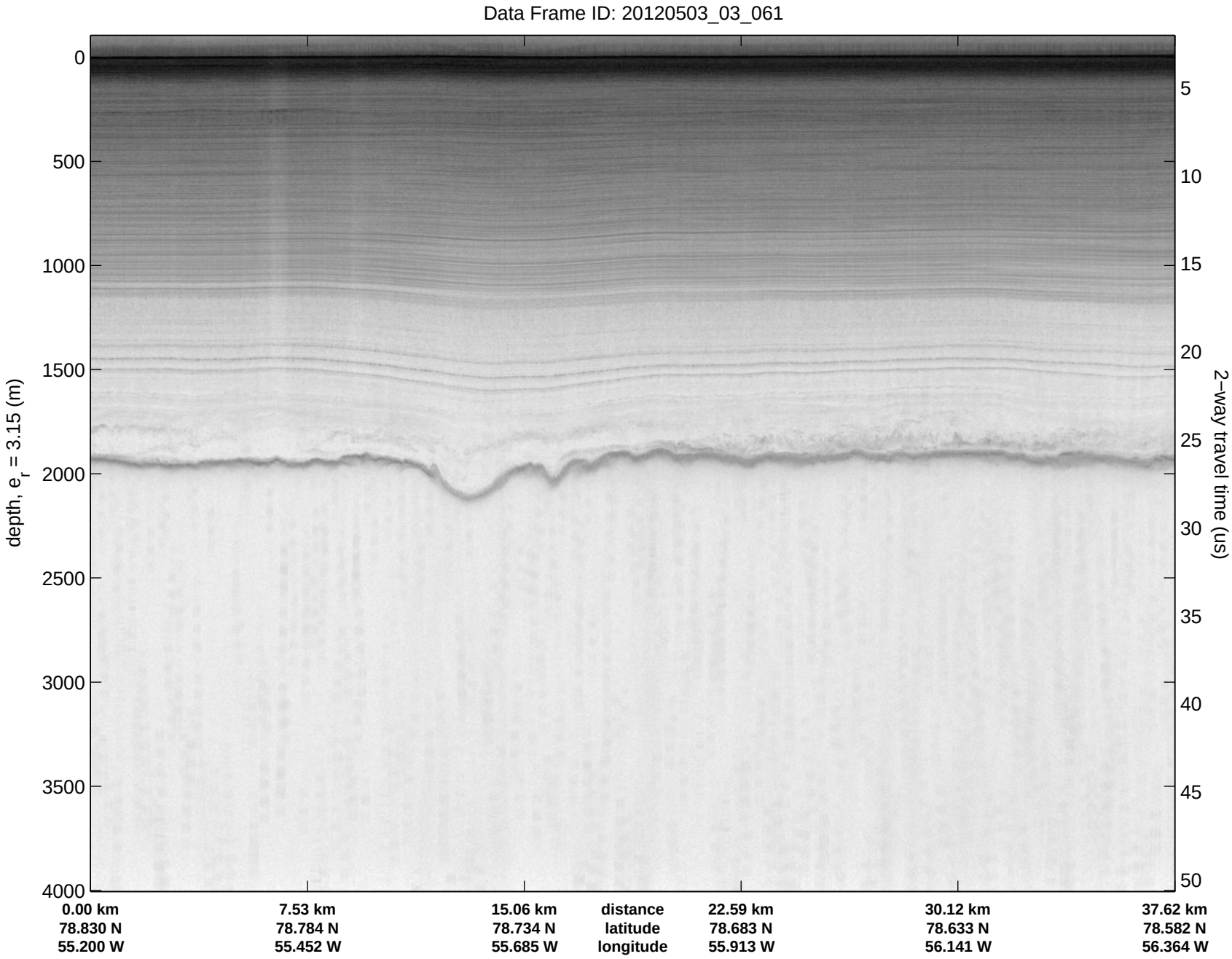

Data Frame ID: 20120503_03_060
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.019 N
54.117 W
6.69 km
78.979 N
54.351 W
13.35 km
78.939 N
54.582 W
distance
latitude
longitude
20.01 km
78.899 N
54.812 W
26.67 km
78.859 N
55.039 W
33.33 km
78.818 N
55.265 W

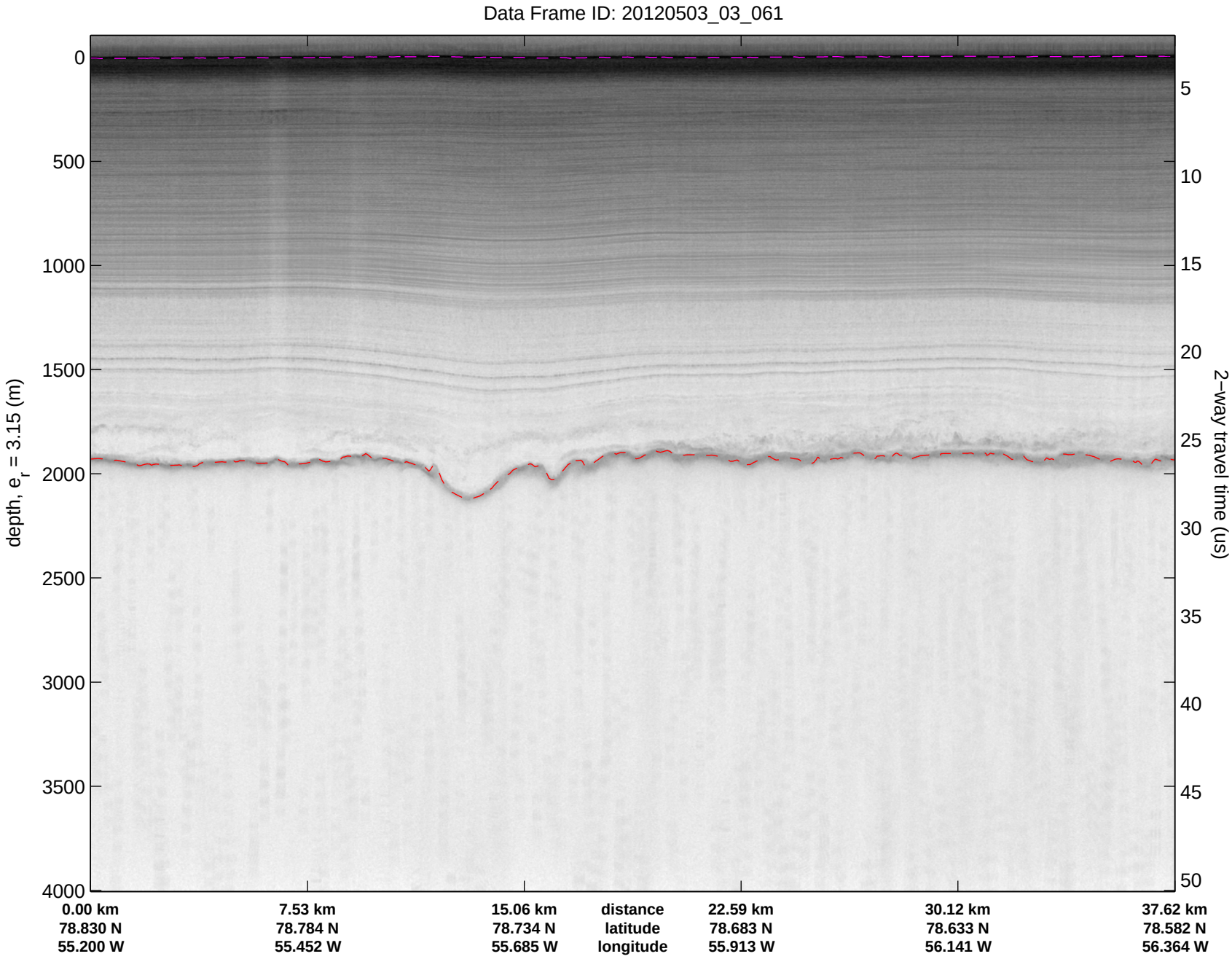

Data Frame ID: 20120503_03_060
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
79.019 N
54.117 W
6.69 km
78.979 N
54.351 W
13.35 km
78.939 N
54.582 W
distance
latitude
longitude
20.01 km
78.899 N
54.812 W
26.67 km
78.859 N
55.039 W
33.33 km
78.818 N
55.265 W

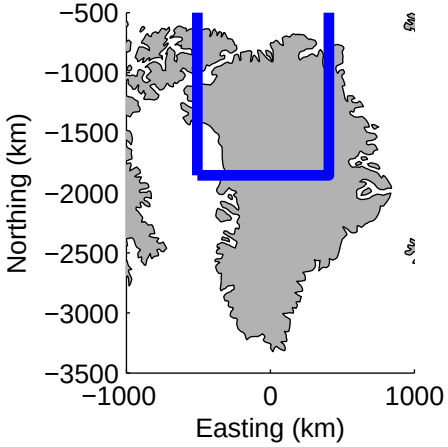

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

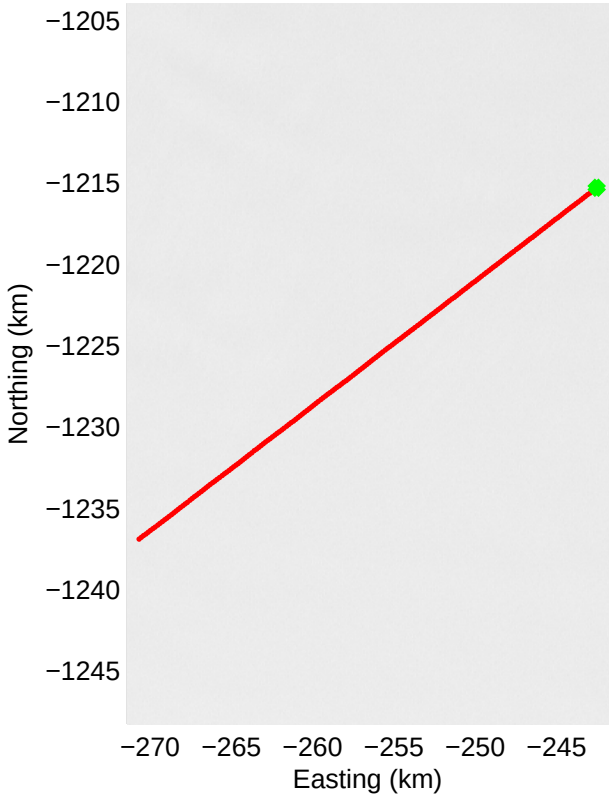

−1185
−1190
−1195
−1200
−1205
−1210
−1215
−1220
−1225
Northing (km)
−240
−230
−220
Easting (km)

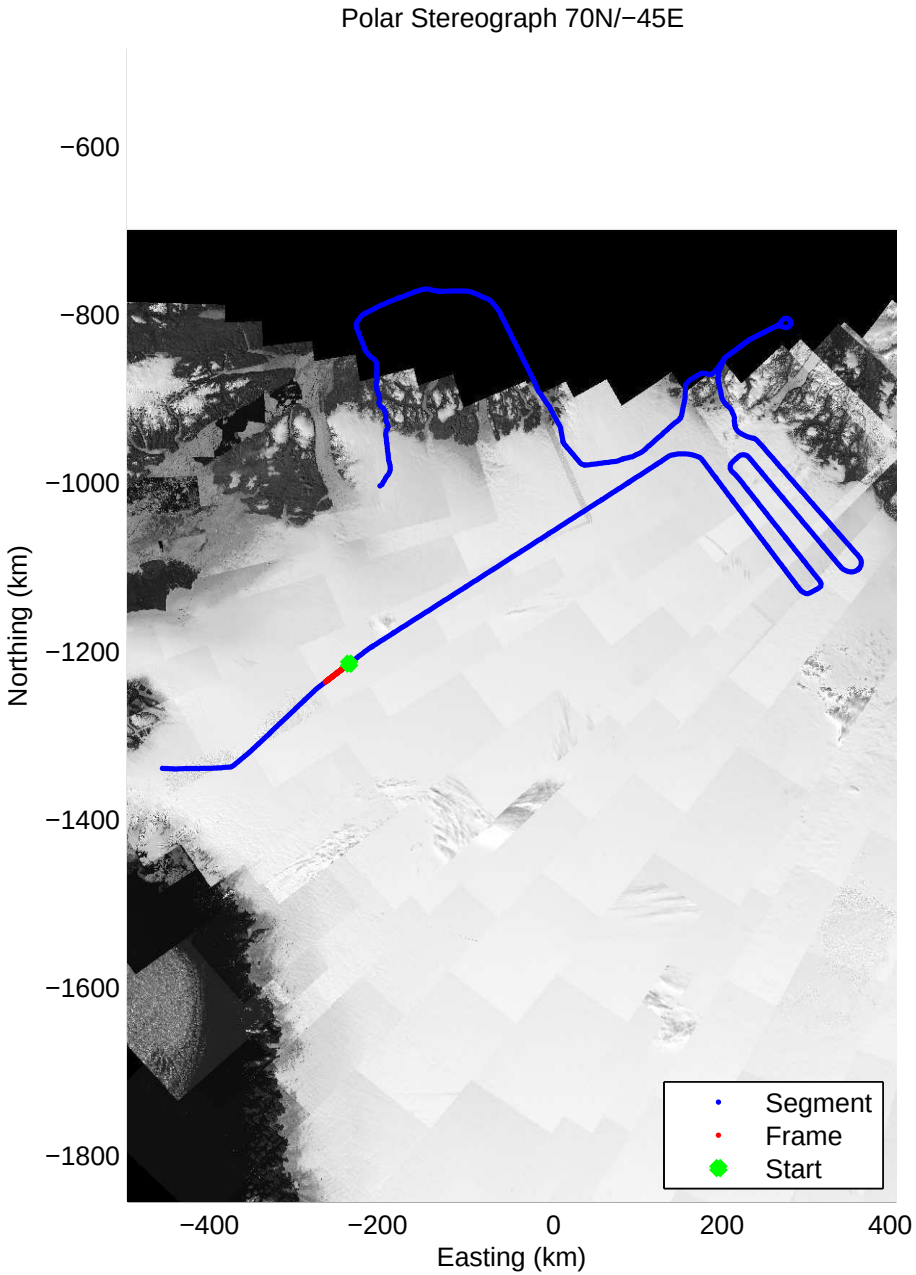

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

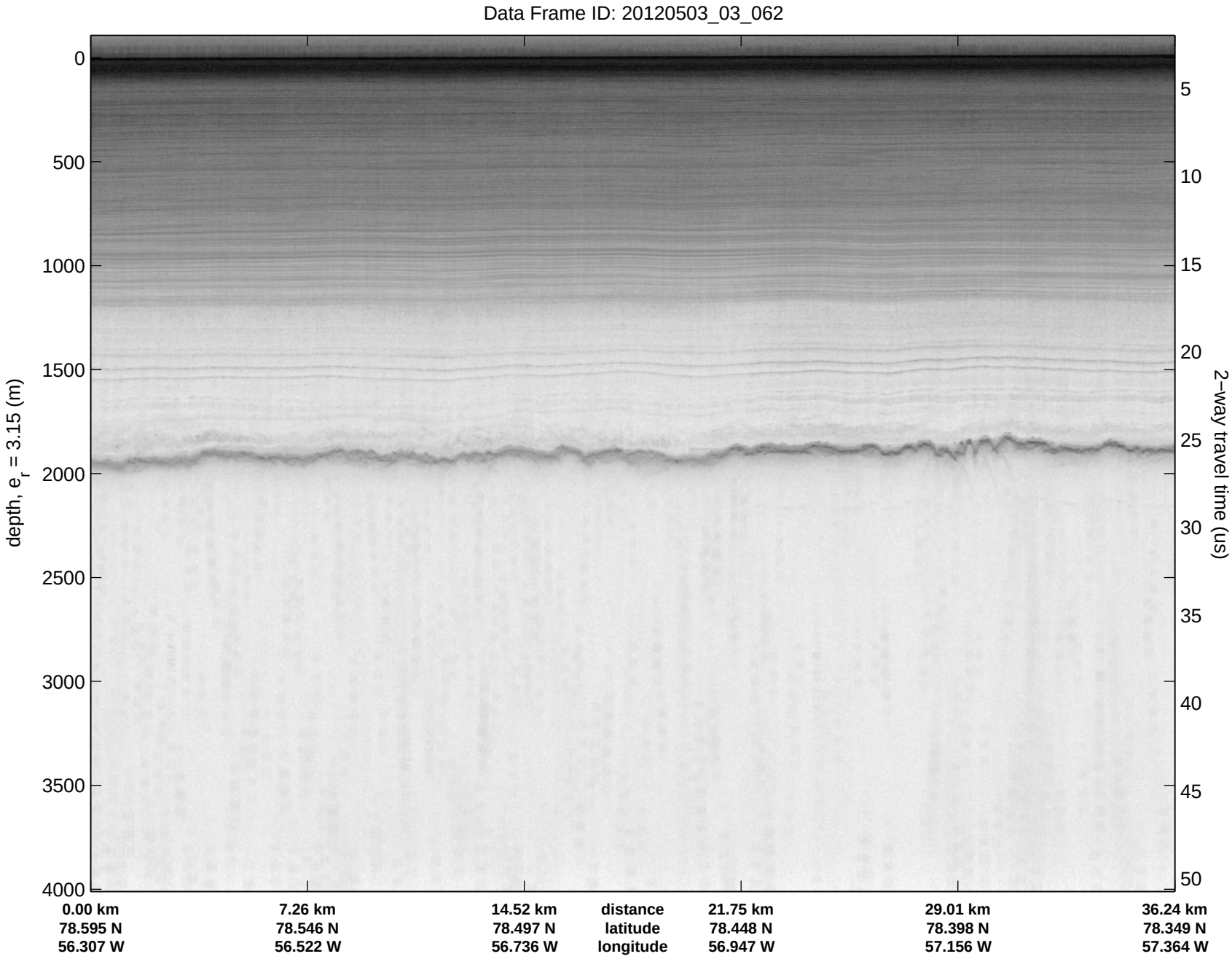

Data Frame ID: 20120503_03_061
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
78.830 N
55.200 W
7.53 km
78.784 N
55.452 W
15.06 km
78.734 N
55.685 W
distance
latitude
longitude
22.59 km
78.683 N
55.913 W
30.12 km
78.633 N
56.141 W
37.62 km
78.582 N
56.364 W

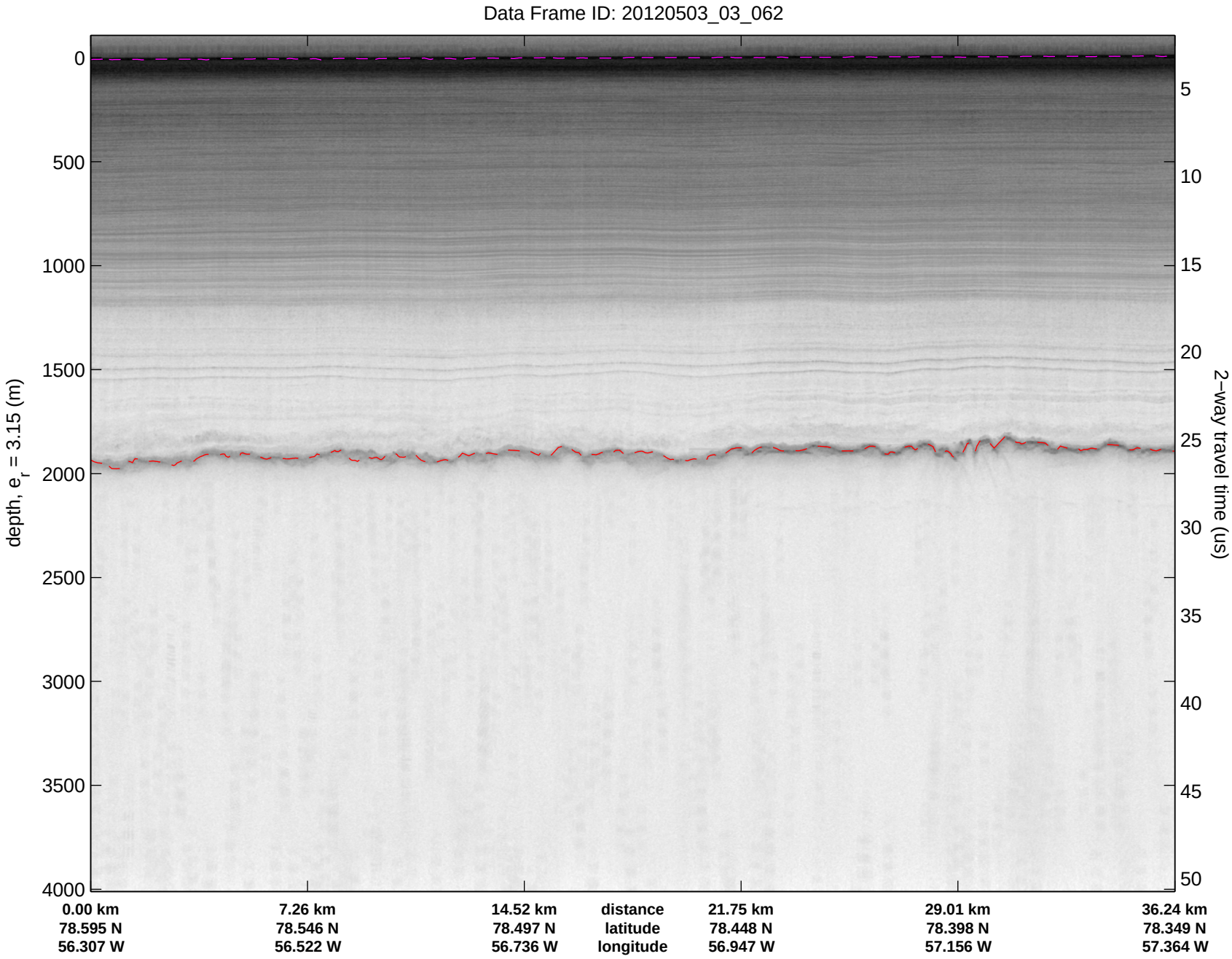

Data Frame ID: 20120503_03_061
depth, e_r = 3.15 (m)
2−way travel time (us)
0
500
1000
1500
2000
2500
3000
3500
4000
5
10
15
20
25
30
35
40
45
50
0.00 km
78.830 N
55.200 W
7.53 km
78.784 N
55.452 W
15.06 km
78.734 N
55.685 W
distance
latitude
longitude
22.59 km
78.683 N
55.913 W
30.12 km
78.633 N
56.141 W
37.62 km
78.582 N
56.364 W

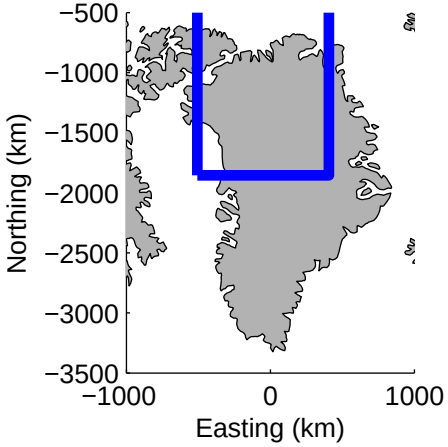

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

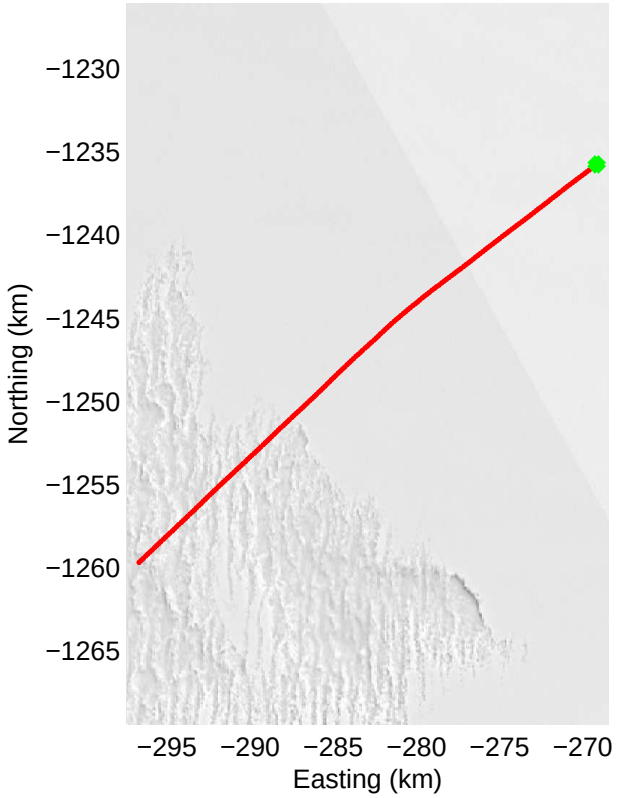

−1205
−1210
−1215
−1220
−1225
−1230
−1235
−1240
−1245
Northing (km)
−270
−265
−260
−255
−250
−245
Easting (km)

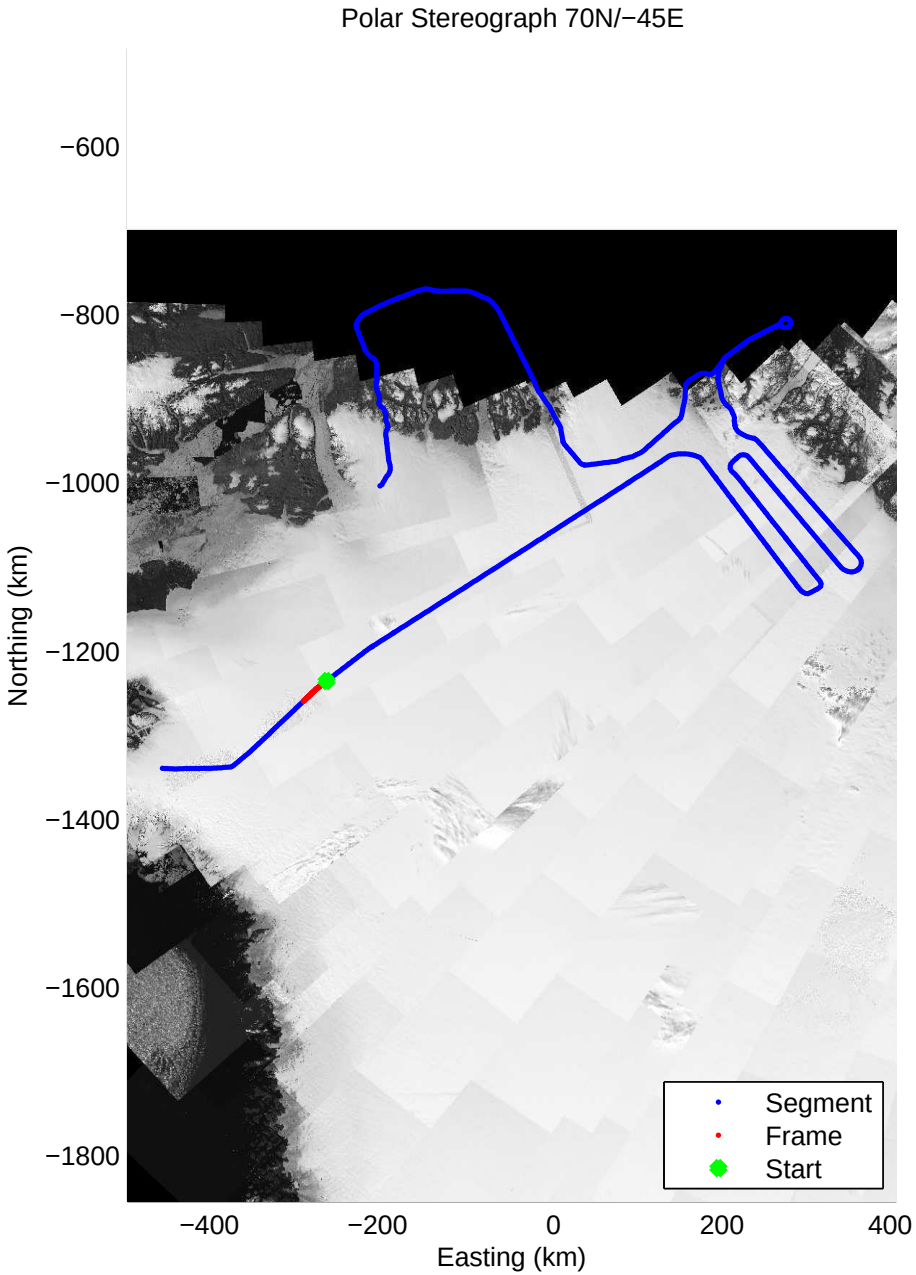

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

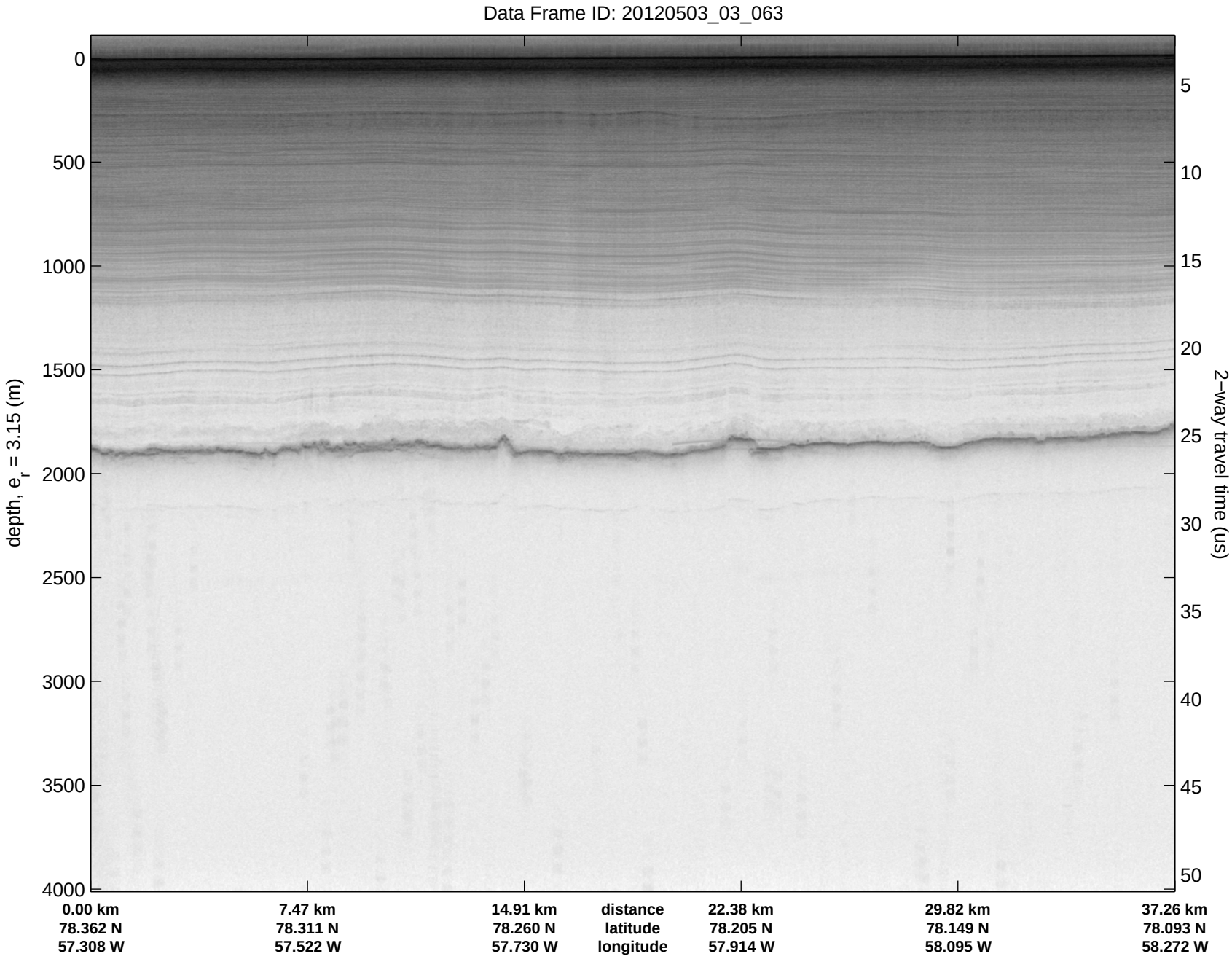

Data Frame ID: 20120503_03_062
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
78.595 N
56.307 W
7.26 km
78.546 N
56.522 W
14.52 km
78.497 N
56.736 W
distance
latitude
longitude
21.75 km
78.448 N
56.947 W
29.01 km
78.398 N
57.156 W
36.24 km
78.349 N
57.364 W

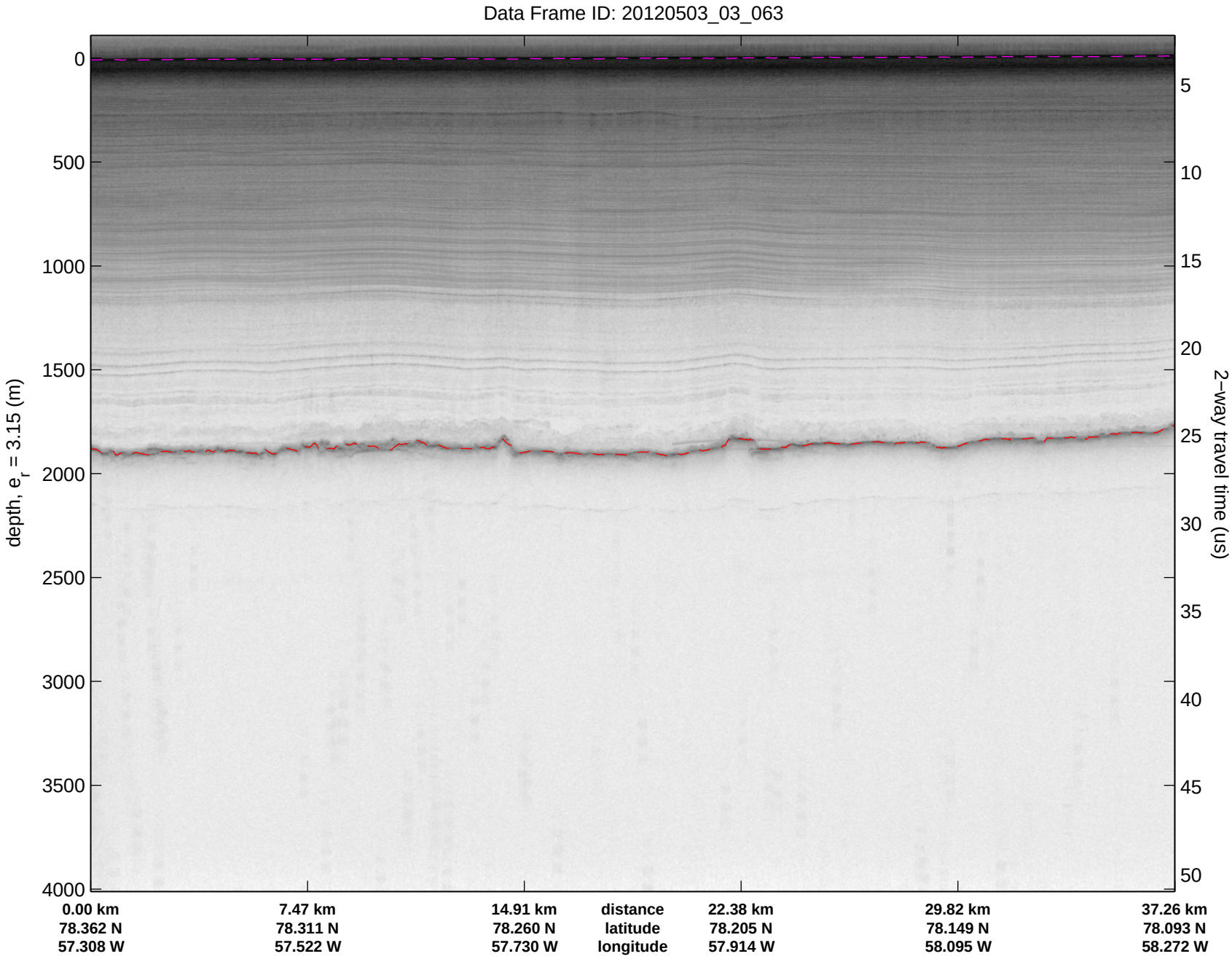

Data Frame ID: 20120503_03_062
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
78.595 N
56.307 W
7.26 km
78.546 N
56.522 W
14.52 km
78.497 N
56.736 W
distance
latitude
longitude
21.75 km
78.448 N
56.947 W
29.01 km
78.398 N
57.156 W
36.24 km
78.349 N
57.364 W

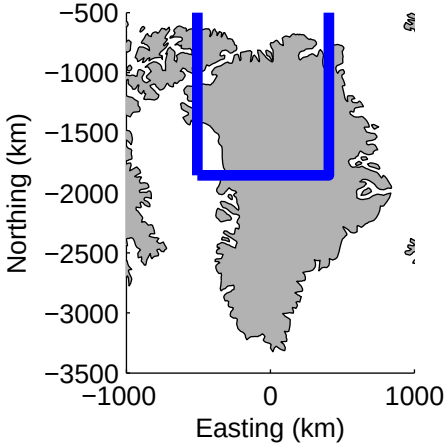

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

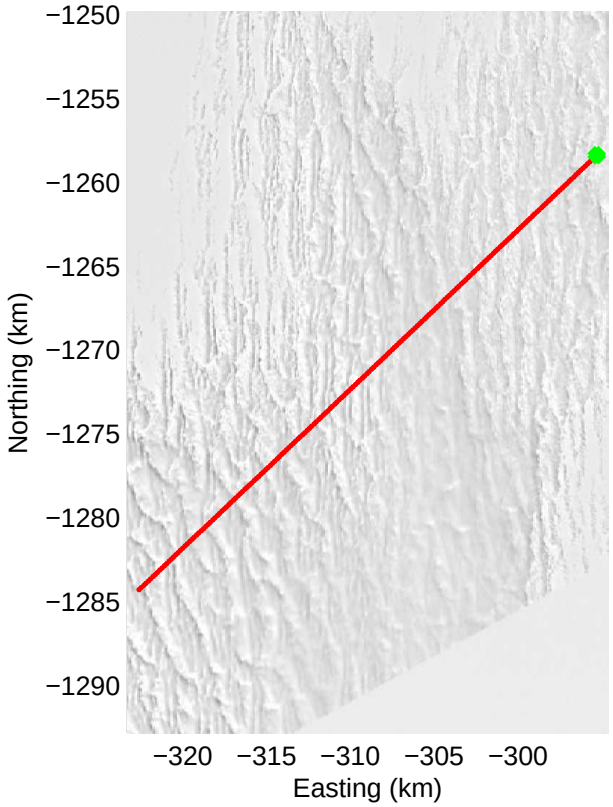

−1230
−1235
−1240
−1245
−1250
−1255
−1260
−1265
Northing (km)
−295
−290
−285
−280
−275
−270
Easting (km)

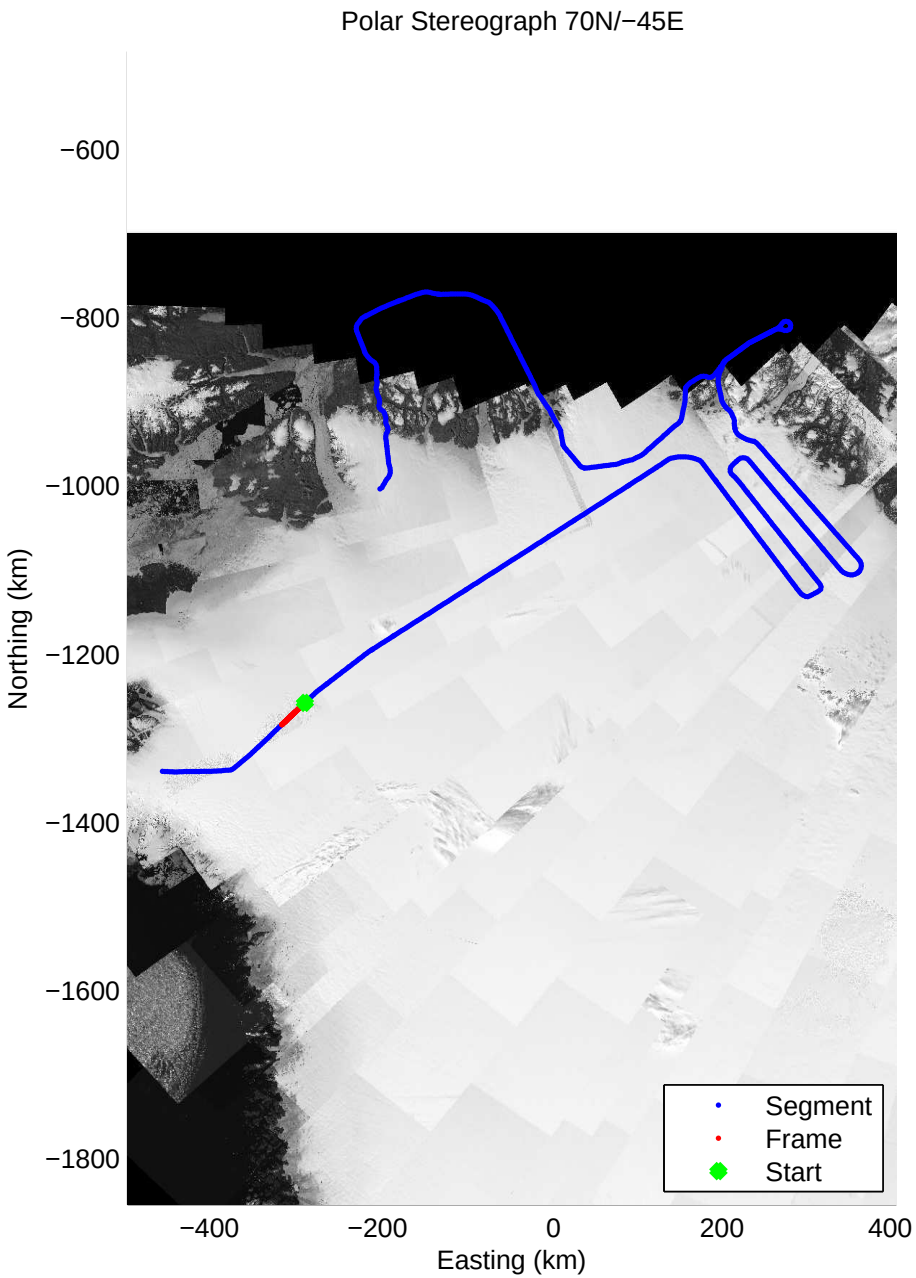

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

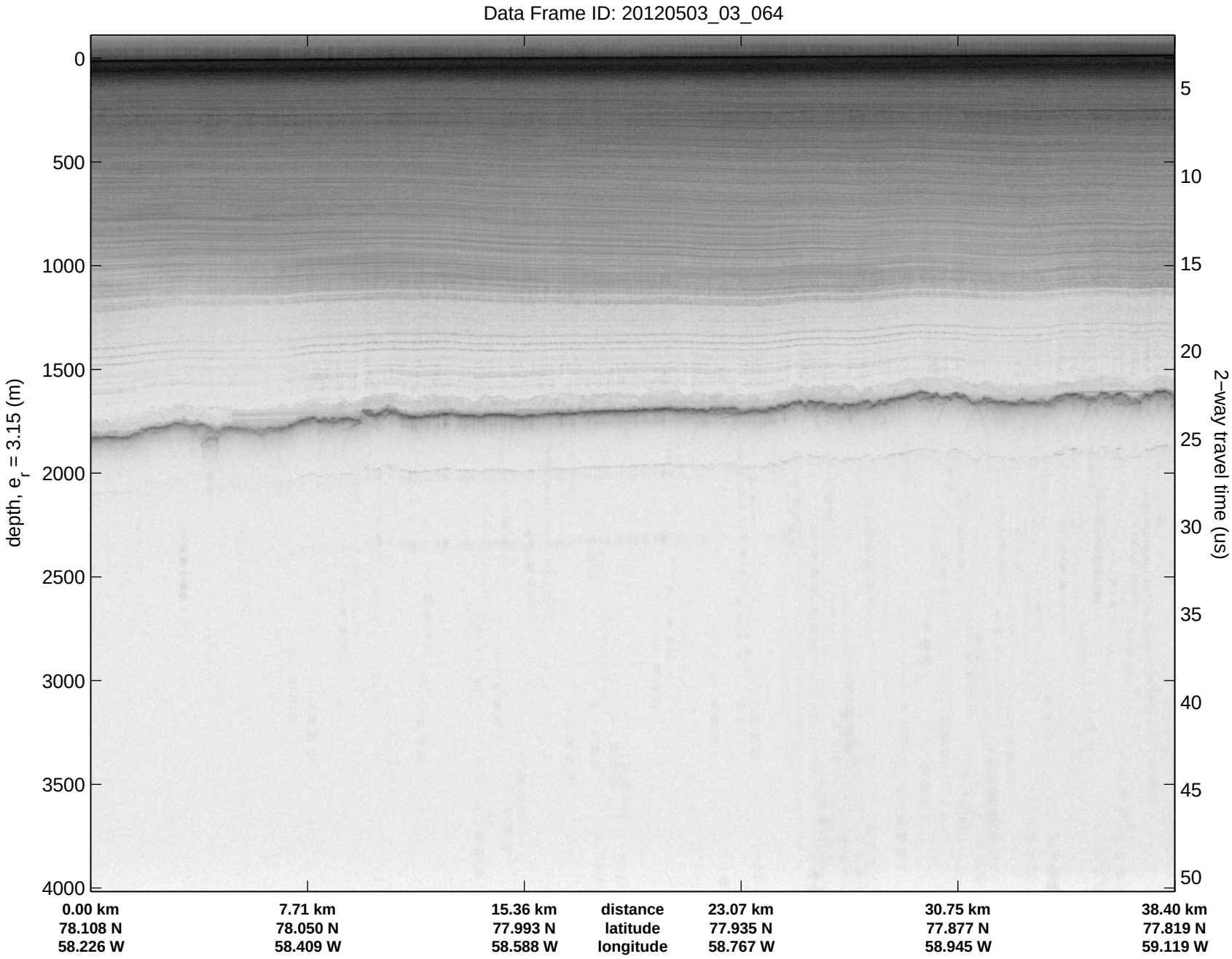

Data Frame ID: 20120503_03_063
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
78.362 N
57.308 W
7.47 km
78.311 N
57.522 W
14.91 km
78.260 N
57.730 W
distance
latitude
longitude
22.38 km
78.205 N
57.914 W
29.82 km
78.149 N
58.095 W
37.26 km
78.093 N
58.272 W

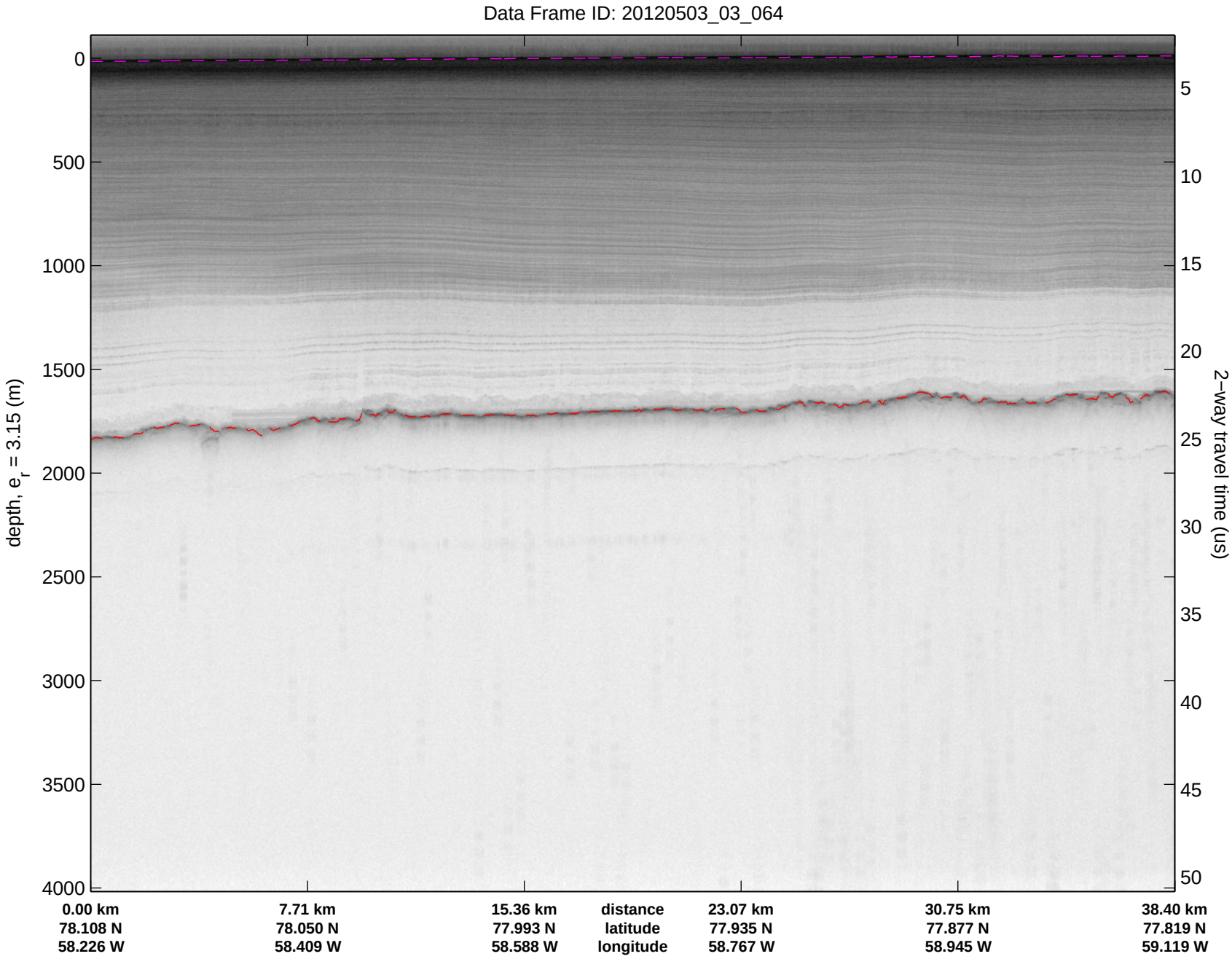

Data Frame ID: 20120503_03_063
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
78.362 N
57.308 W
7.47 km
78.311 N
57.522 W
14.91 km
78.260 N
57.730 W
distance
latitude
longitude
22.38 km
78.205 N
57.914 W
29.82 km
78.149 N
58.095 W
37.26 km
78.093 N
58.272 W

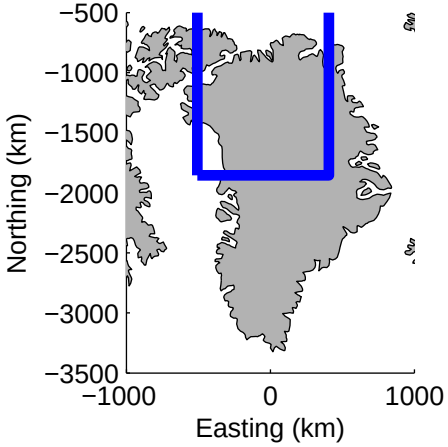

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

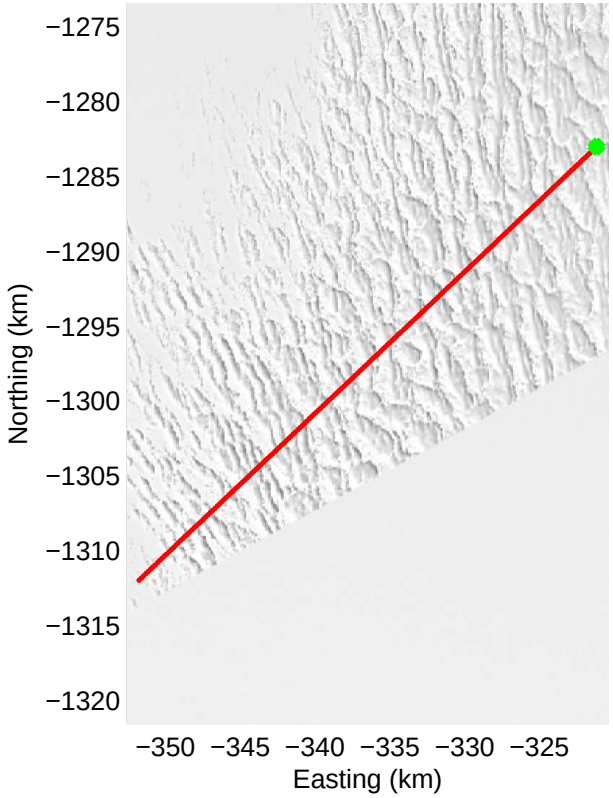

−1250
−1255
−1260
−1265
−1270
−1275
−1280
−1285
−1290
Northing (km)
−320
−315
−310
−305
−300
Easting (km)

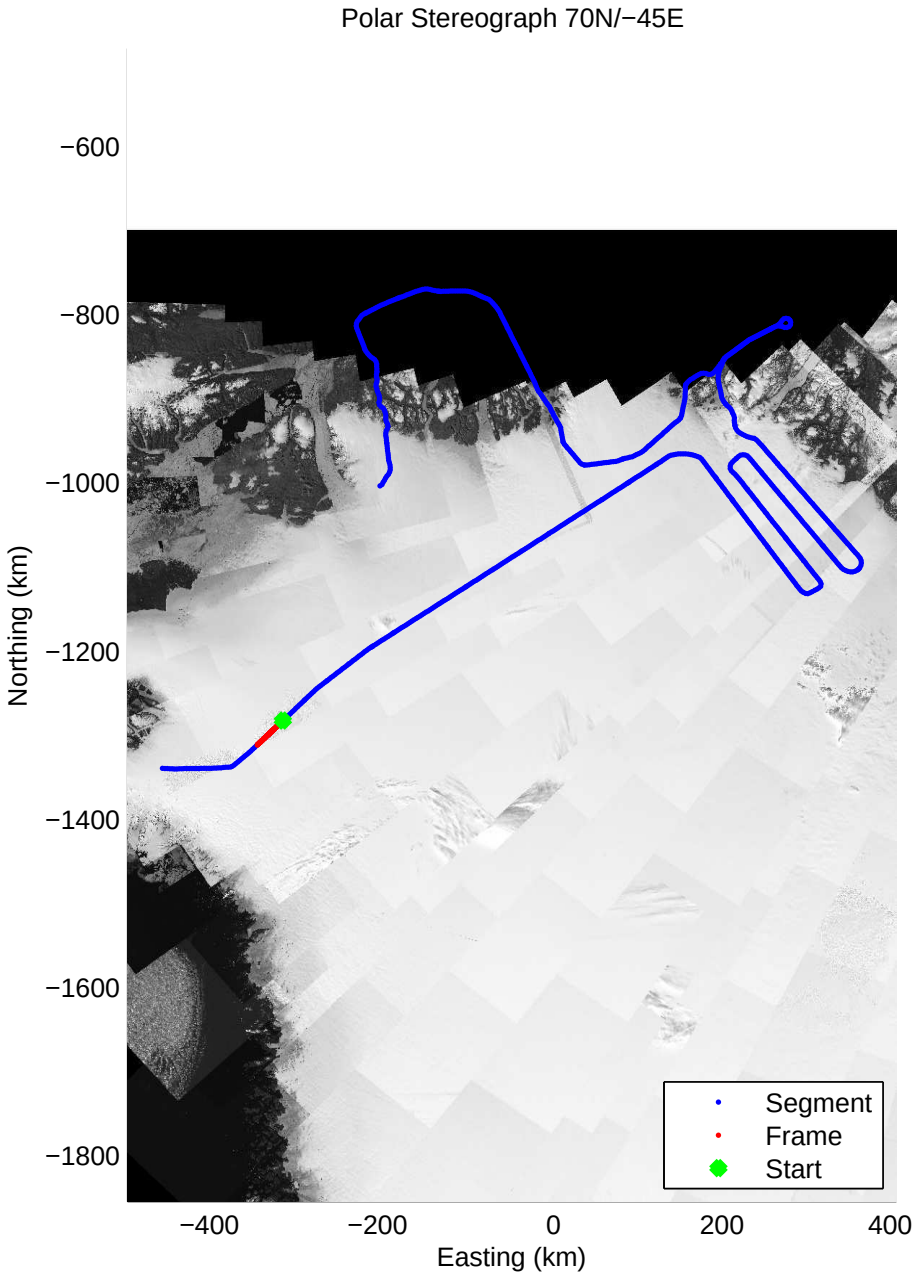

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

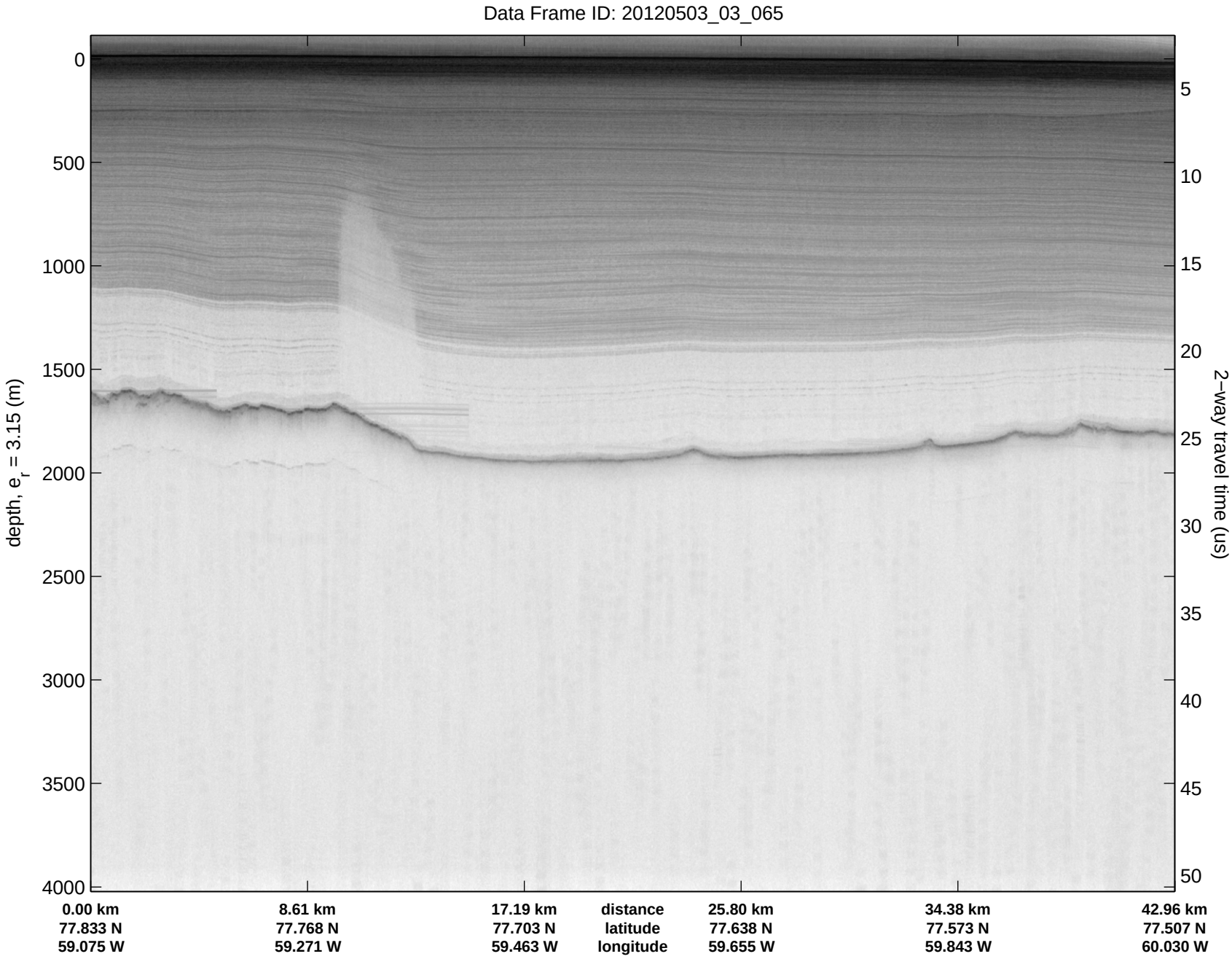

Data Frame ID: 20120503_03_064
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
78.108 N
58.226 W
7.71 km
78.050 N
58.409 W
15.36 km
77.993 N
58.588 W
distance
latitude
longitude
23.07 km
77.935 N
58.767 W
30.75 km
77.877 N
58.945 W
38.40 km
77.819 N
59.119 W

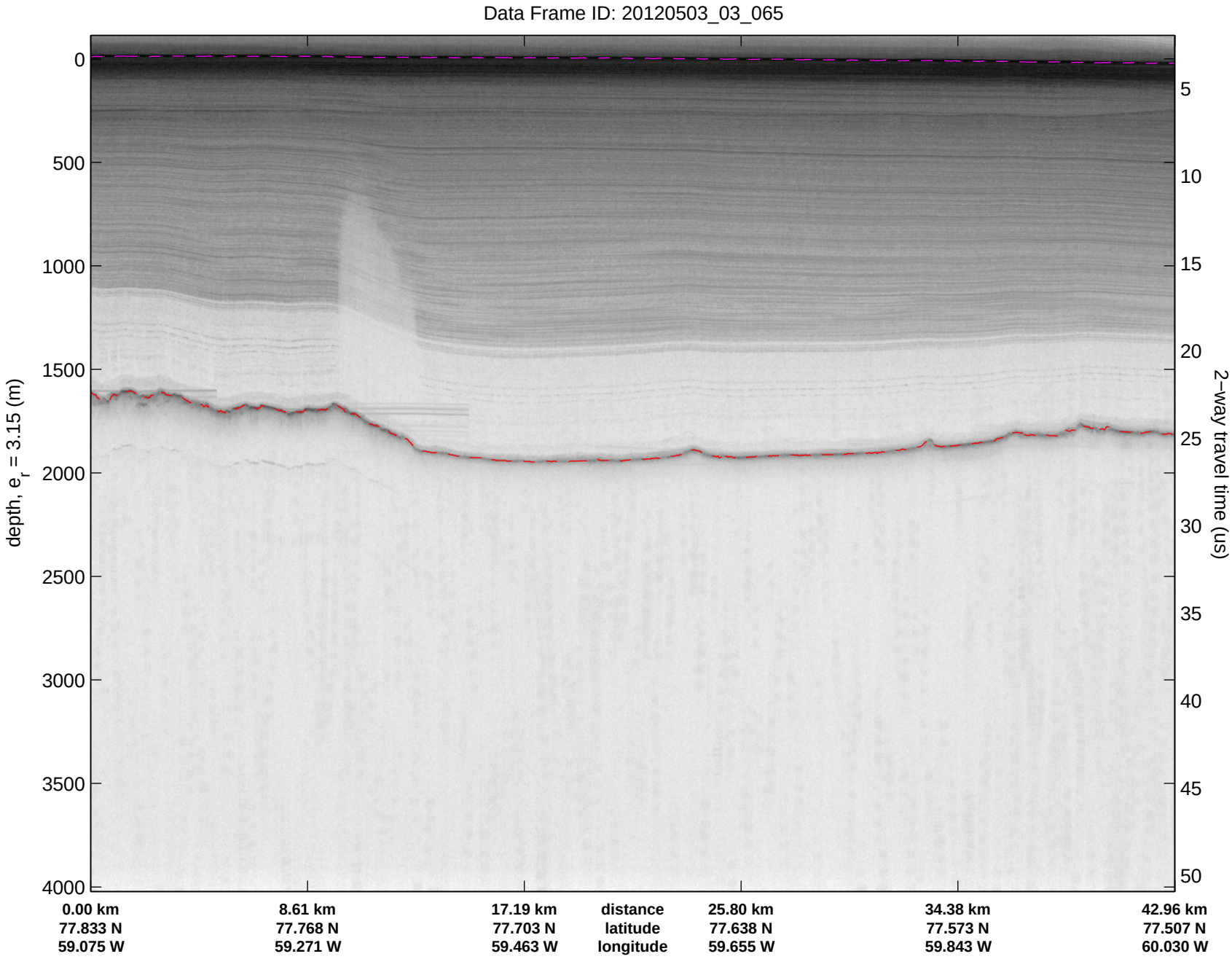

Data Frame ID: 20120503_03_064
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
78.108 N
58.226 W
7.71 km
78.050 N
58.409 W
15.36 km
77.993 N
58.588 W
distance
latitude
longitude
23.07 km
77.935 N
58.767 W
30.75 km
77.877 N
58.945 W
38.40 km
77.819 N
59.119 W

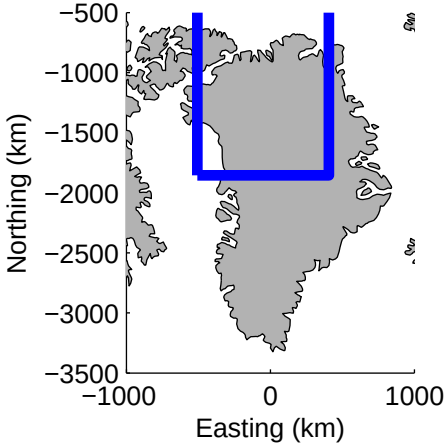

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

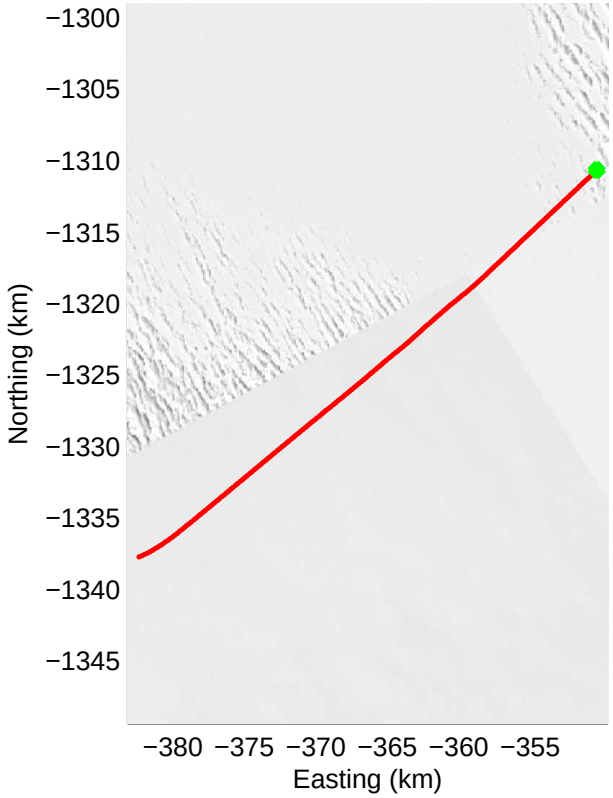

−1275
−1280
−1285
−1290
−1295
−1300
−1305
−1310
−1315
−1320
Northing (km)
−350
−345
−340
−335
−330
−325
Easting (km)

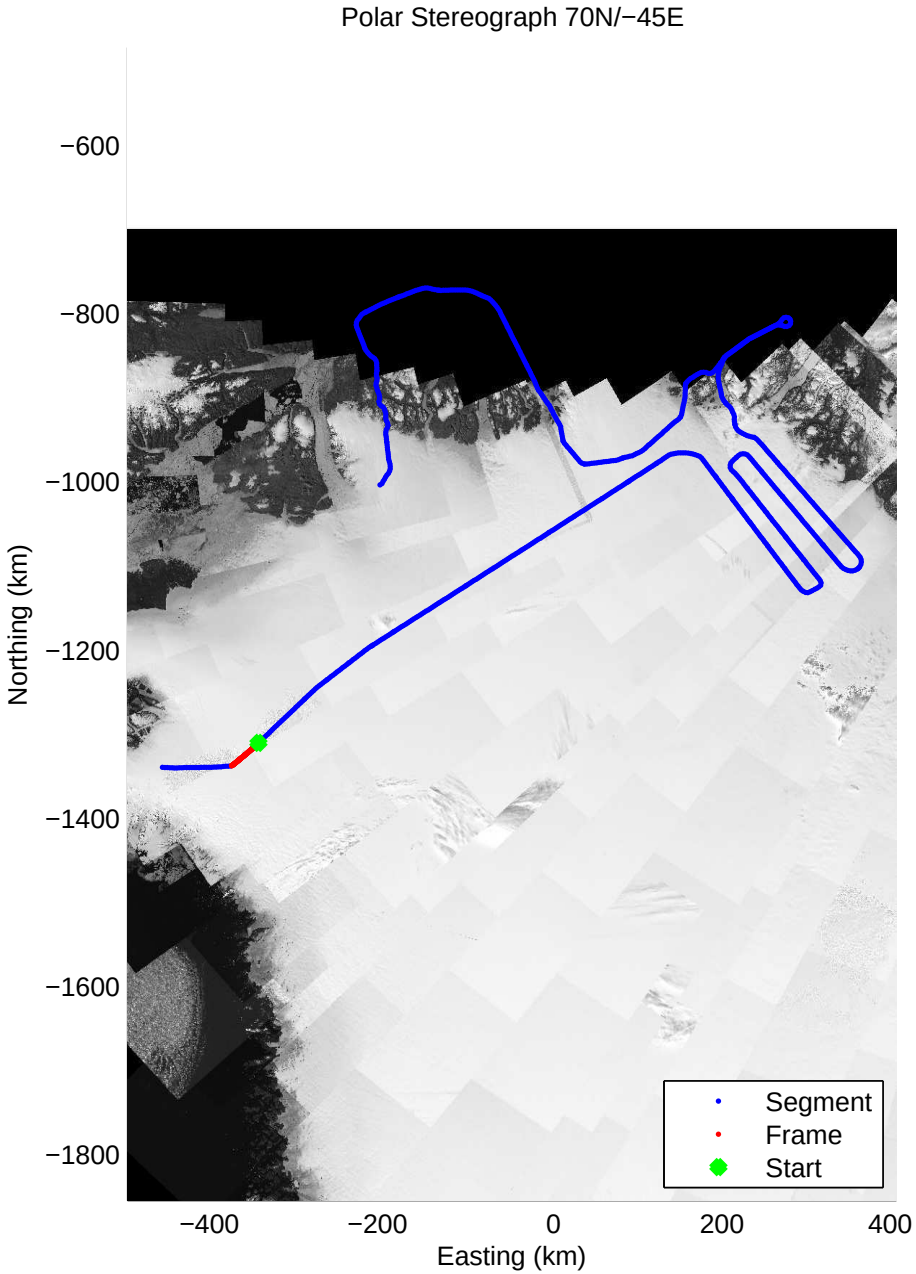

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

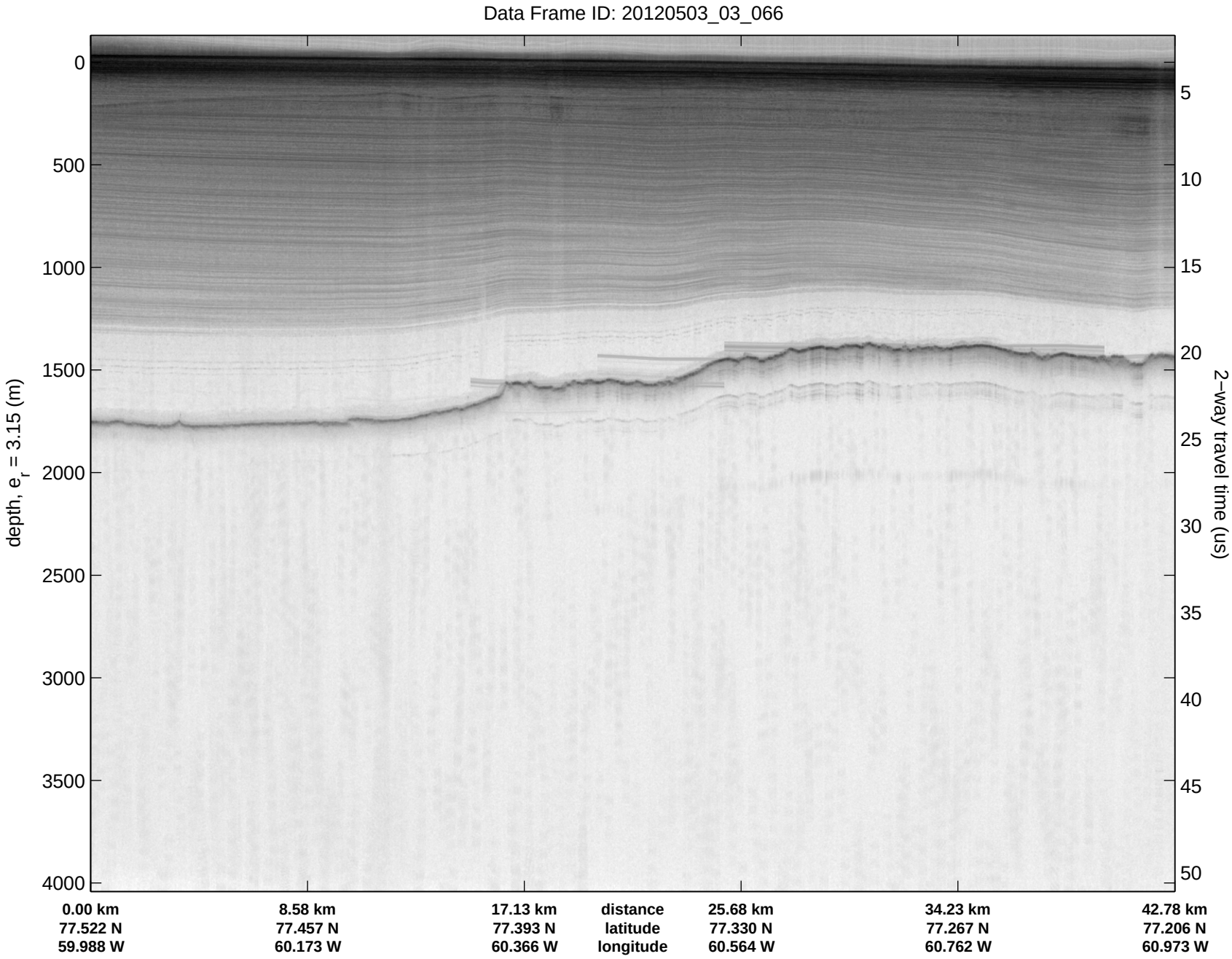

Data Frame ID: 20120503_03_065
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
77.833 N
59.075 W
8.61 km
77.768 N
59.271 W
17.19 km
77.703 N
59.463 W
distance
latitude
longitude
25.80 km
77.638 N
59.655 W
34.38 km
77.573 N
59.843 W
42.96 km
77.507 N
60.030 W

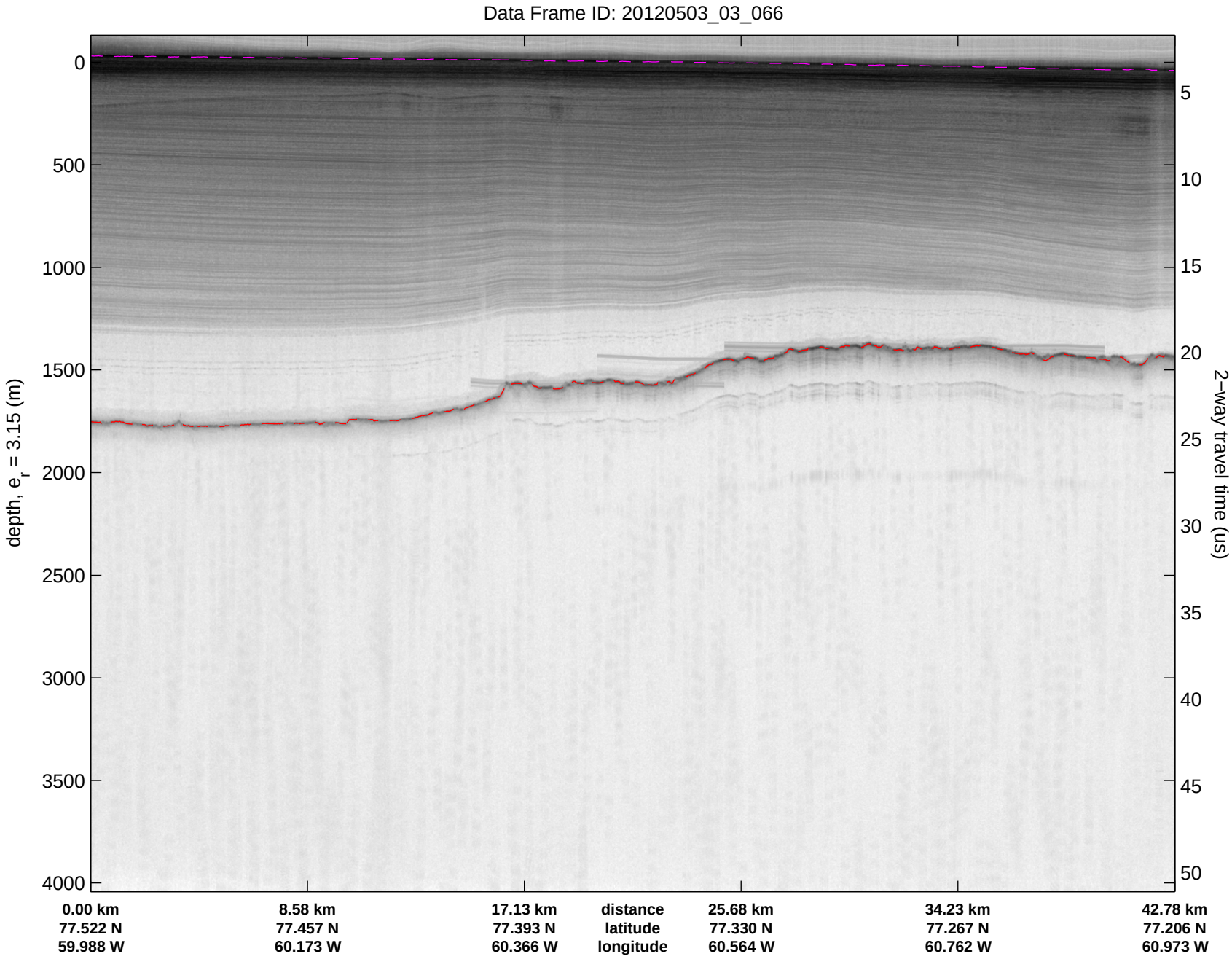

Data Frame ID: 20120503_03_065
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
77.833 N
59.075 W
8.61 km
77.768 N
59.271 W
17.19 km
77.703 N
59.463 W
distance
latitude
longitude
25.80 km
77.638 N
59.655 W
34.38 km
77.573 N
59.843 W
42.96 km
77.507 N
60.030 W

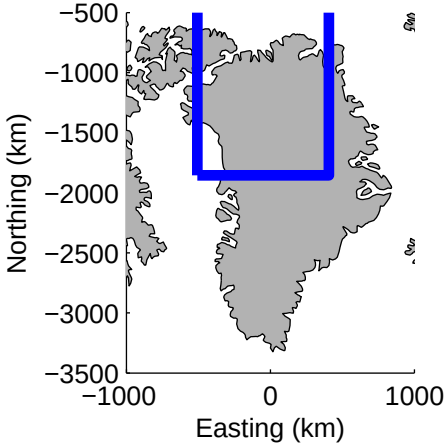

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

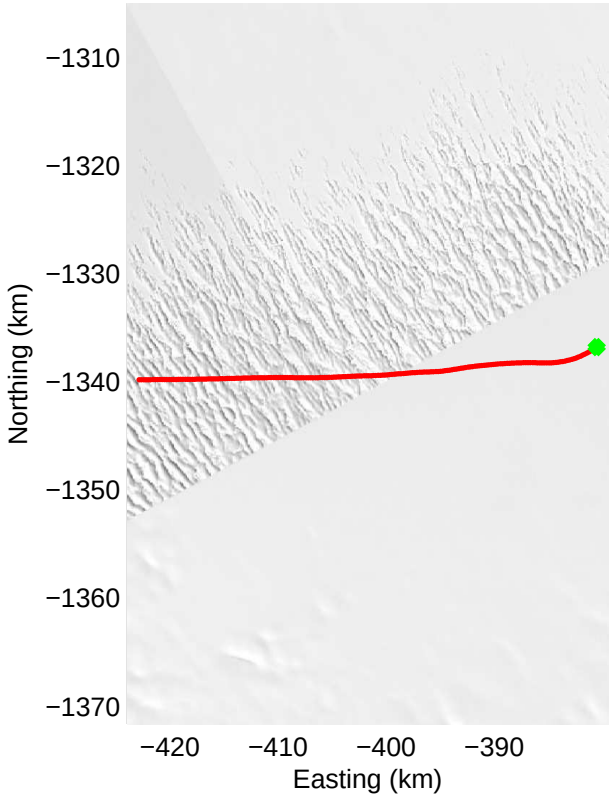

−1300
−1305
−1310
−1315
−1320
−1325
−1330
−1335
−1340
−1345
Northing (km)
−380 −375 −370 −365 −360 −355
Easting (km)

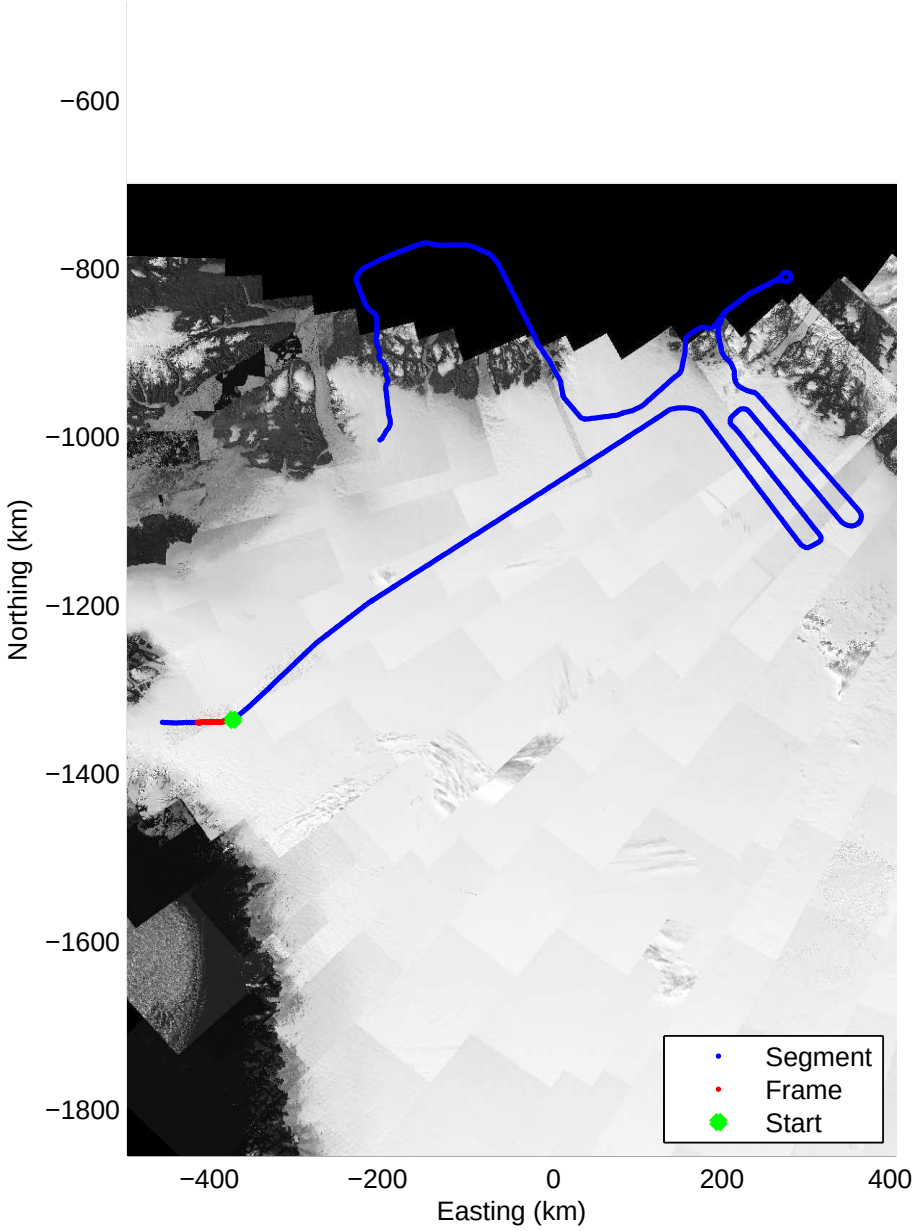

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

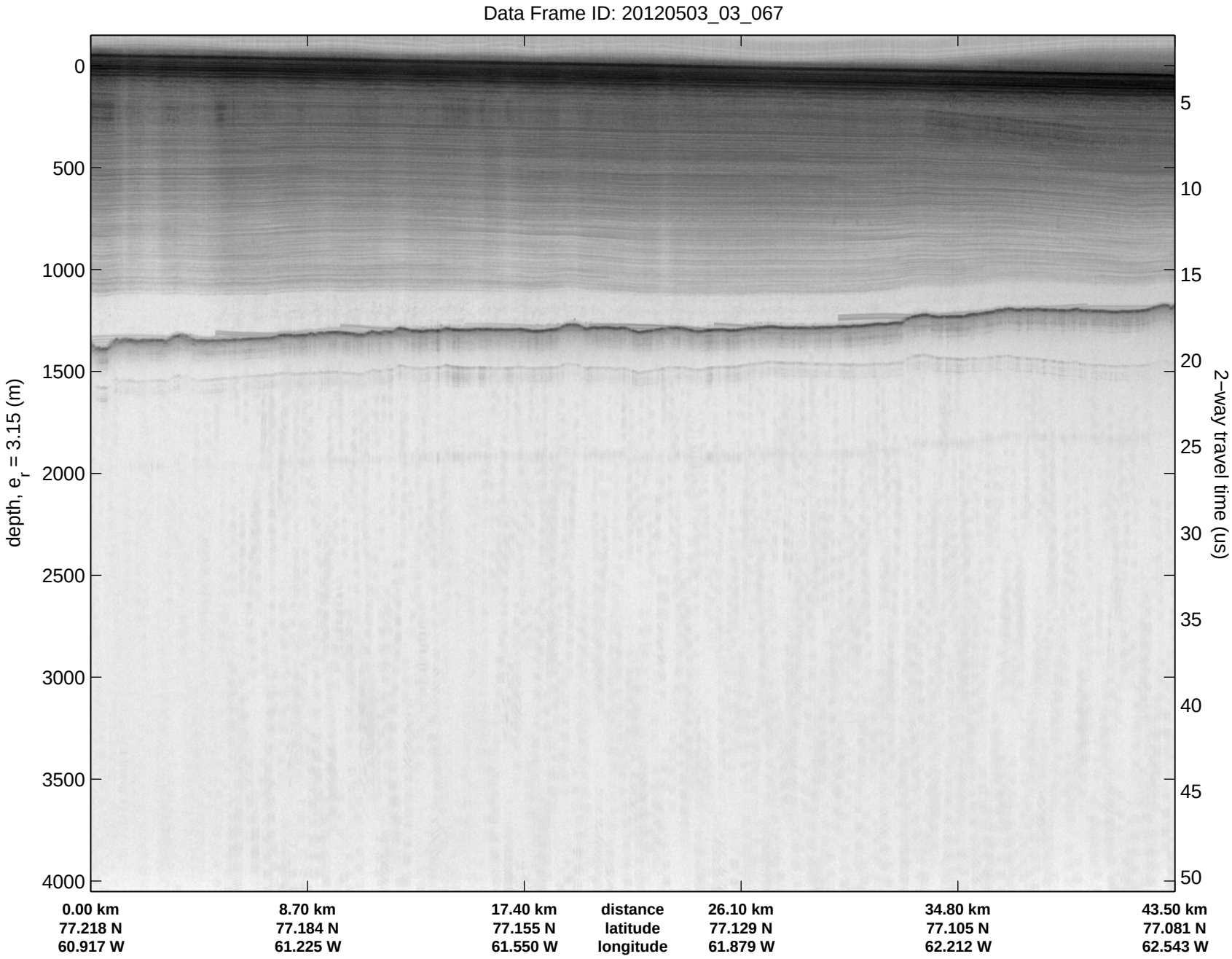

Data Frame ID: 20120503_03_066
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
77.522 N
59.988 W
8.58 km
77.457 N
60.173 W
17.13 km
77.393 N
60.366 W
distance
latitude
longitude
25.68 km
77.330 N
60.564 W
34.23 km
77.267 N
60.762 W
42.78 km
77.206 N
60.973 W

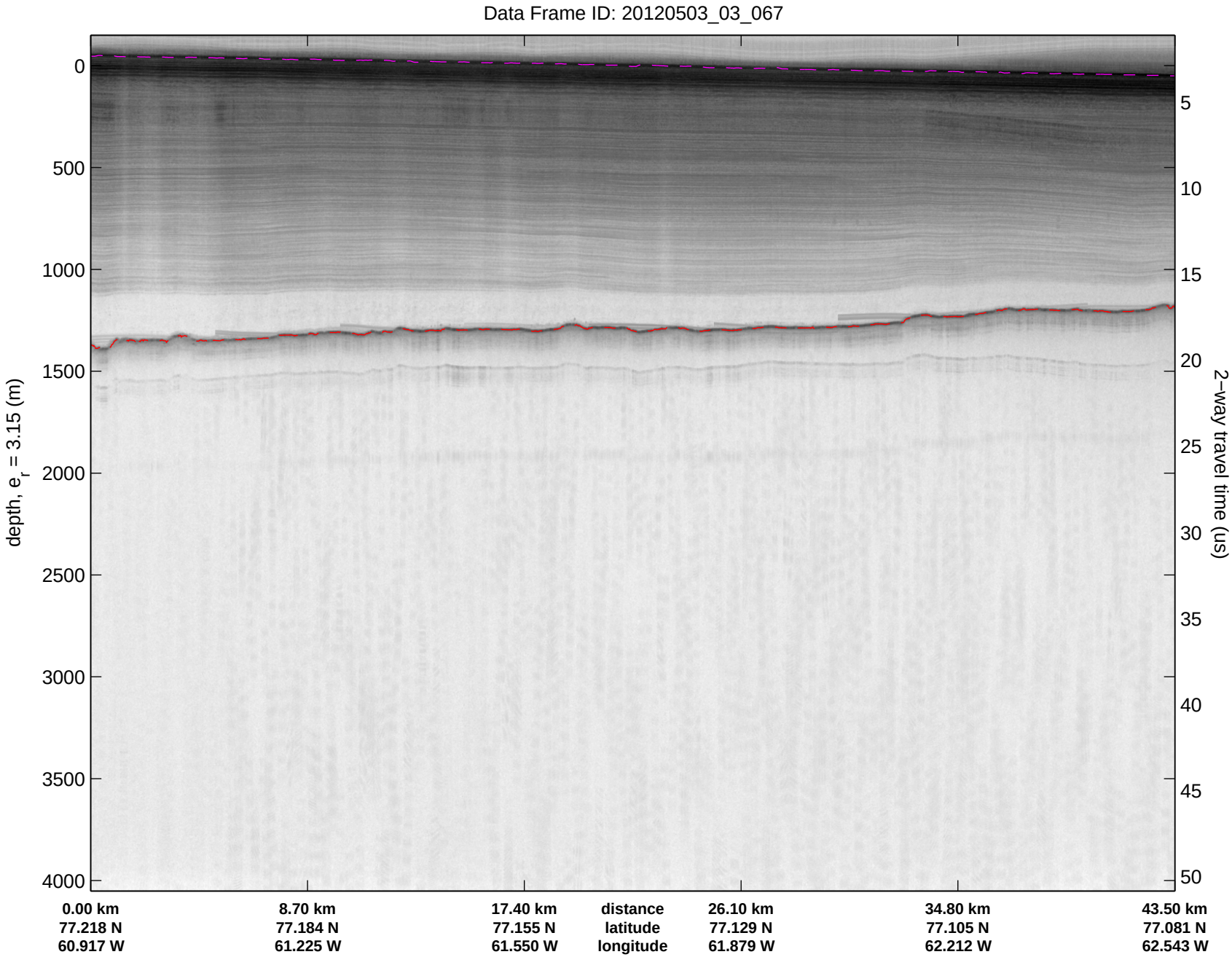

Data Frame ID: 20120503_03_066
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
77.522 N
59.988 W
8.58 km
77.457 N
60.173 W
17.13 km
77.393 N
60.366 W
distance
latitude
longitude
25.68 km
77.330 N
60.564 W
34.23 km
77.267 N
60.762 W
42.78 km
77.206 N
60.973 W

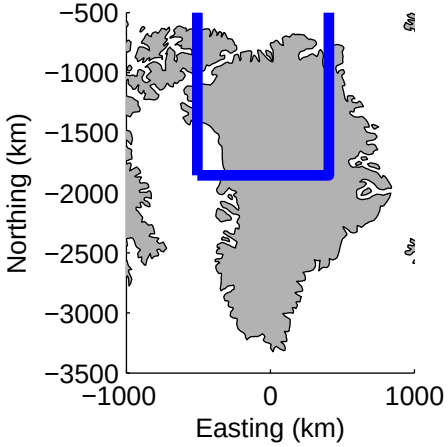

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)

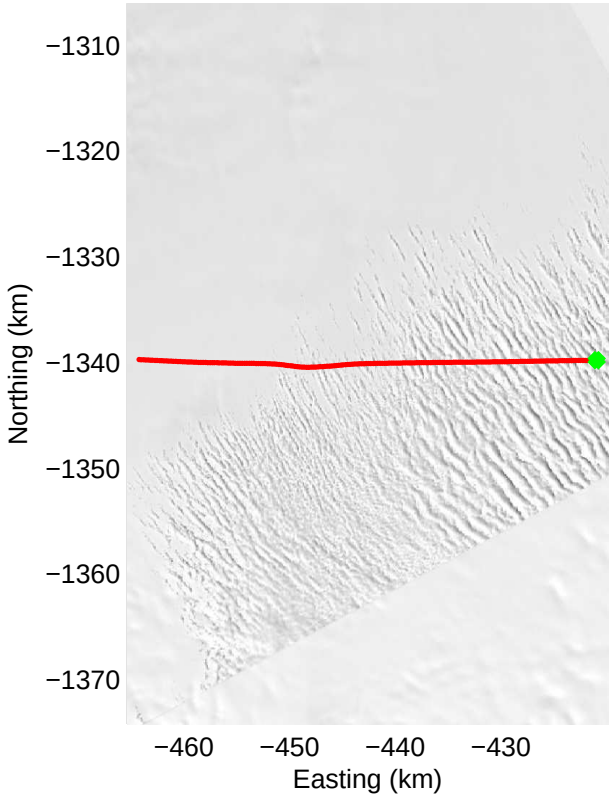

−1310
−1320
−1330
−1340
−1350
−1360
−1370
Northing (km)
−420
−410
−400
−390
Easting (km)

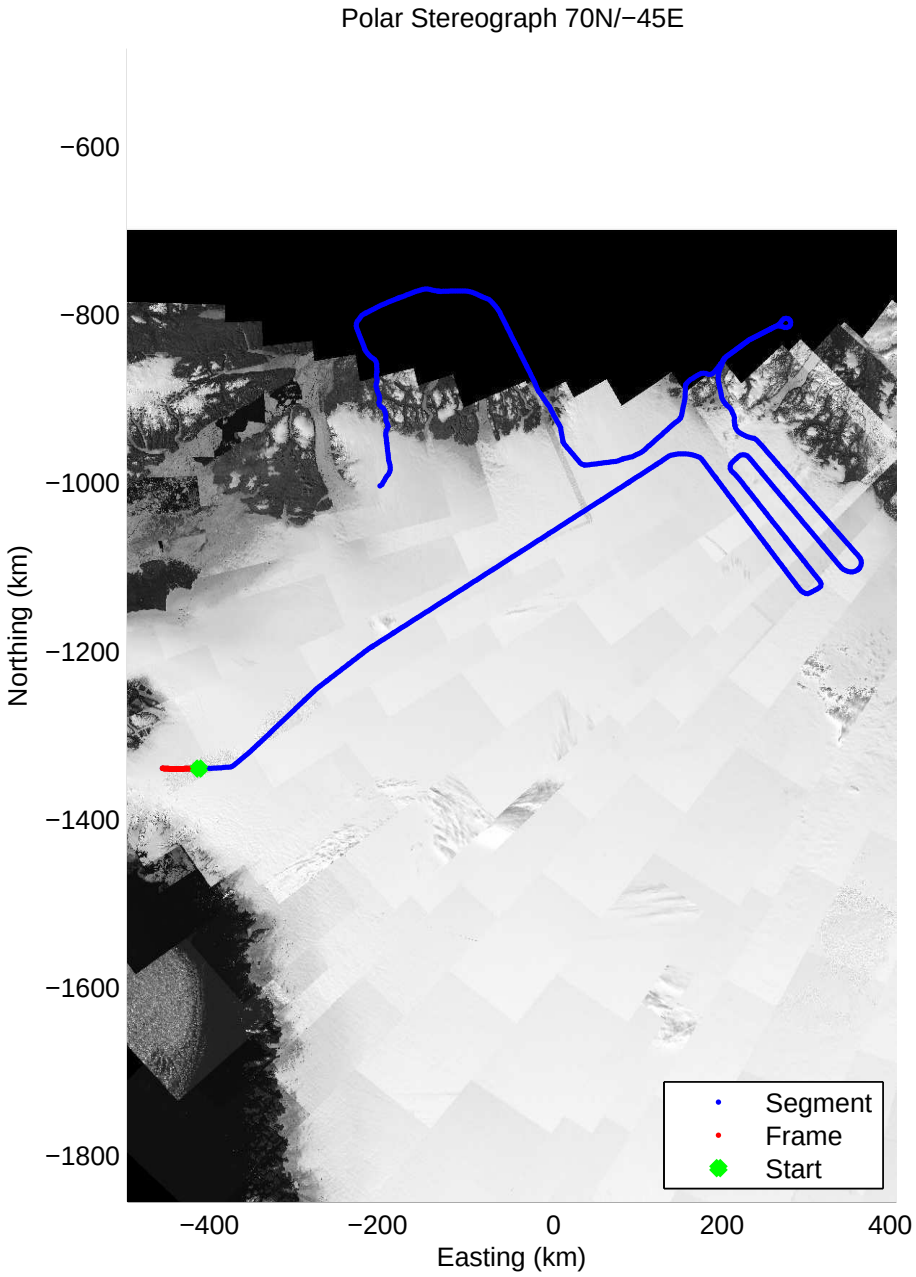

Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start


Data Frame ID: 20120503_03_067
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
77.218 N
60.917 W
8.70 km
77.184 N
61.225 W
17.40 km
77.155 N
61.550 W
distance
latitude
longitude
26.10 km
77.129 N
61.879 W
34.80 km
77.105 N
62.212 W
43.50 km
77.081 N
62.543 W

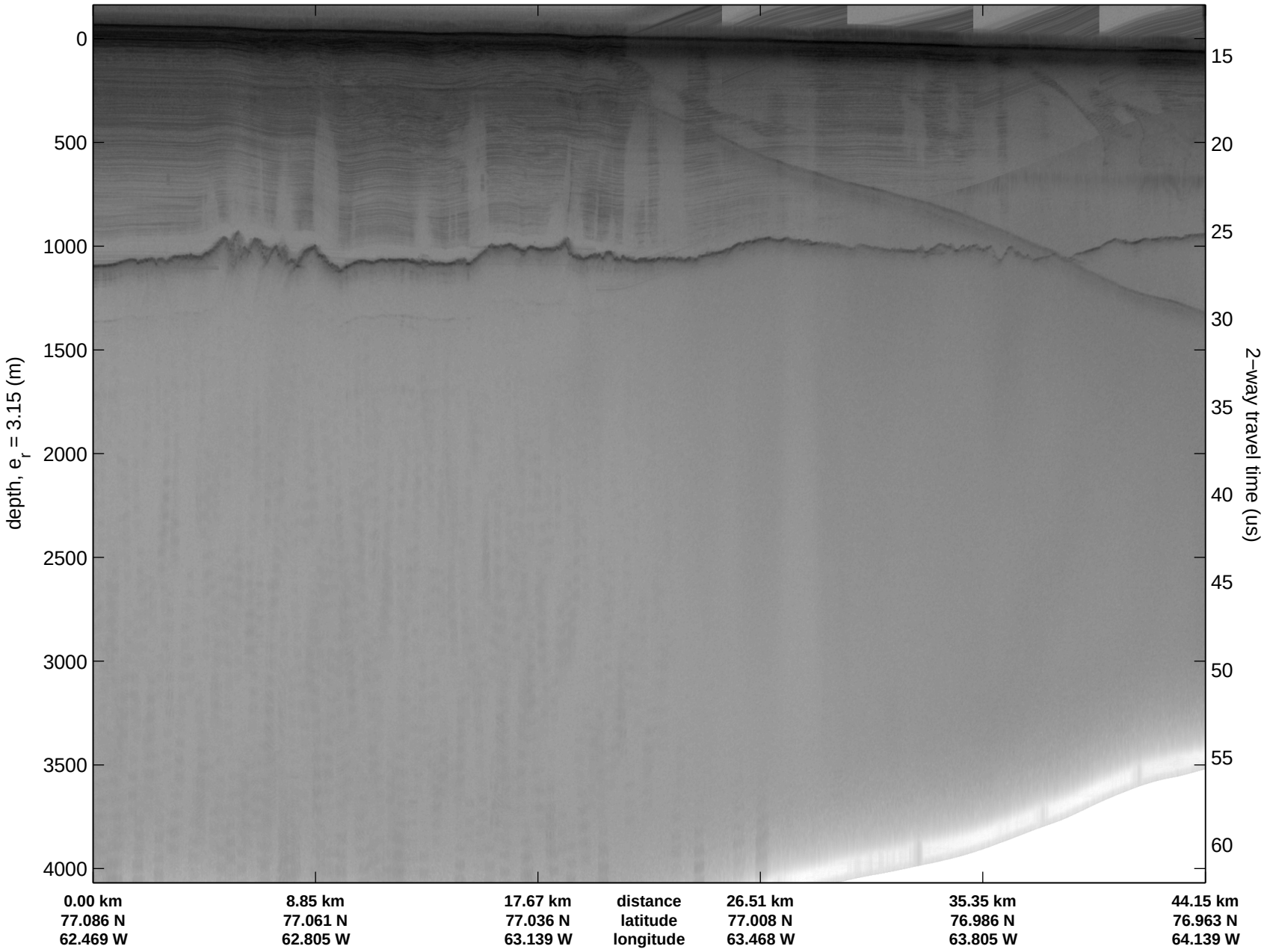

Data Frame ID: 20120503_03_067
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
77.218 N
60.917 W
8.70 km
77.184 N
61.225 W
17.40 km
77.155 N
61.550 W
distance
latitude
longitude
26.10 km
77.129 N
61.879 W
34.80 km
77.105 N
62.212 W
43.50 km
77.081 N
62.543 W

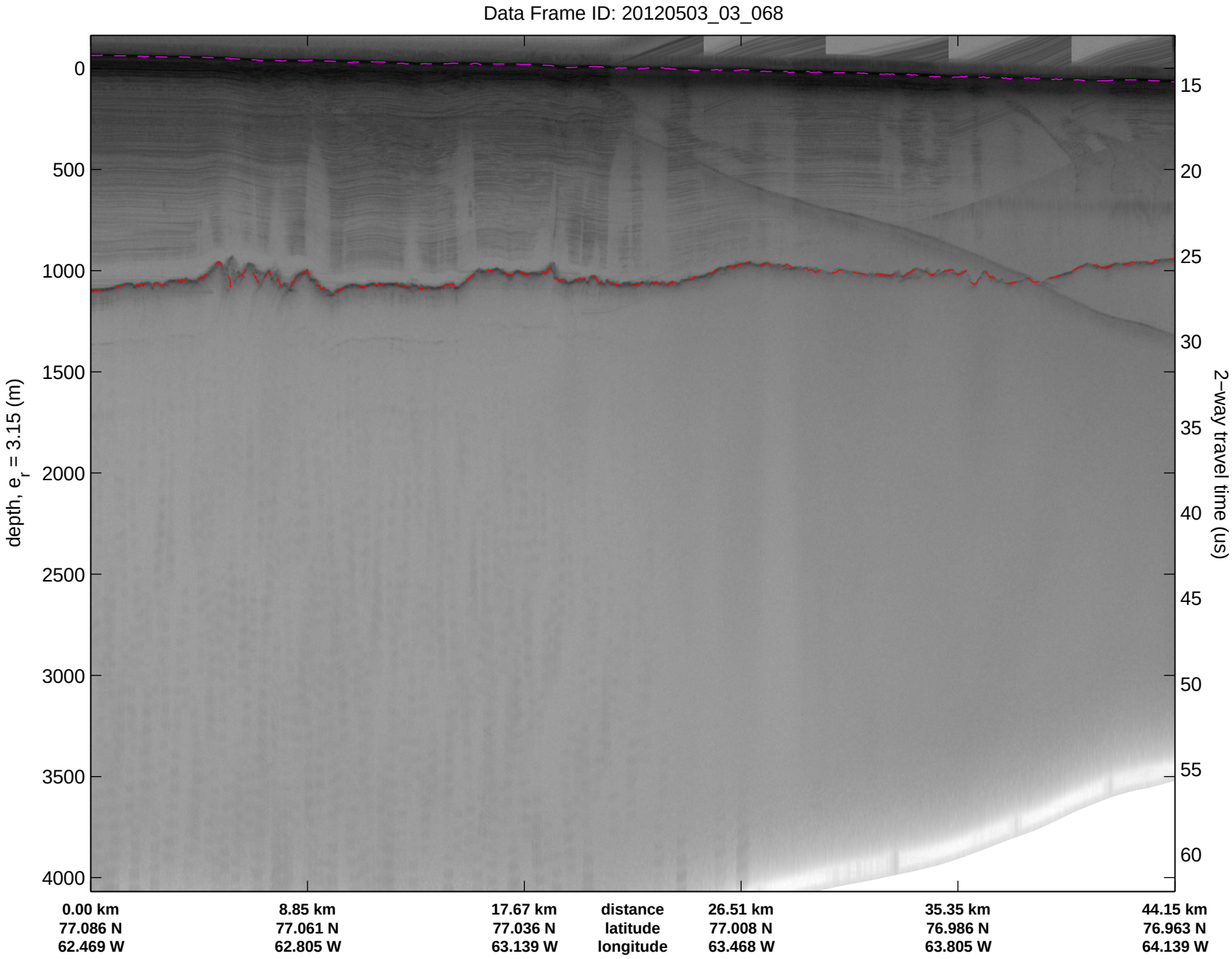

−500
−1000
−1500
−2000
−2500
−3000
−3500
Northing (km)
−1000
0
1000
Easting (km)


−1310
−1320
−1330
−1340
−1350
−1360
−1370
Northing (km)
−460
−450
−440
−430
Easting (km)


Polar Stereograph 70N/−45E
−600
−800
−1000
−1200
−1400
−1600
−1800
Northing (km)
−400
−200
0
200
400
Easting (km)
Segment
Frame
Start

Data Frame ID: 20120503_03_068




Data Frame ID: 20120503_03_068
depth, e_r = 3.15 (m)
0
500
1000
1500
2000
2500
3000
3500
4000
2−way travel time (us)
15
20
25
30
35
40
45
50
55
60
0.00 km
77.086 N
62.469 W
8.85 km
77.061 N
62.805 W
17.67 km
77.036 N
63.139 W
distance
latitude
longitude
26.51 km
77.008 N
63.468 W
35.35 km
76.986 N
63.805 W
44.15 km
76.963 N
64.139 W