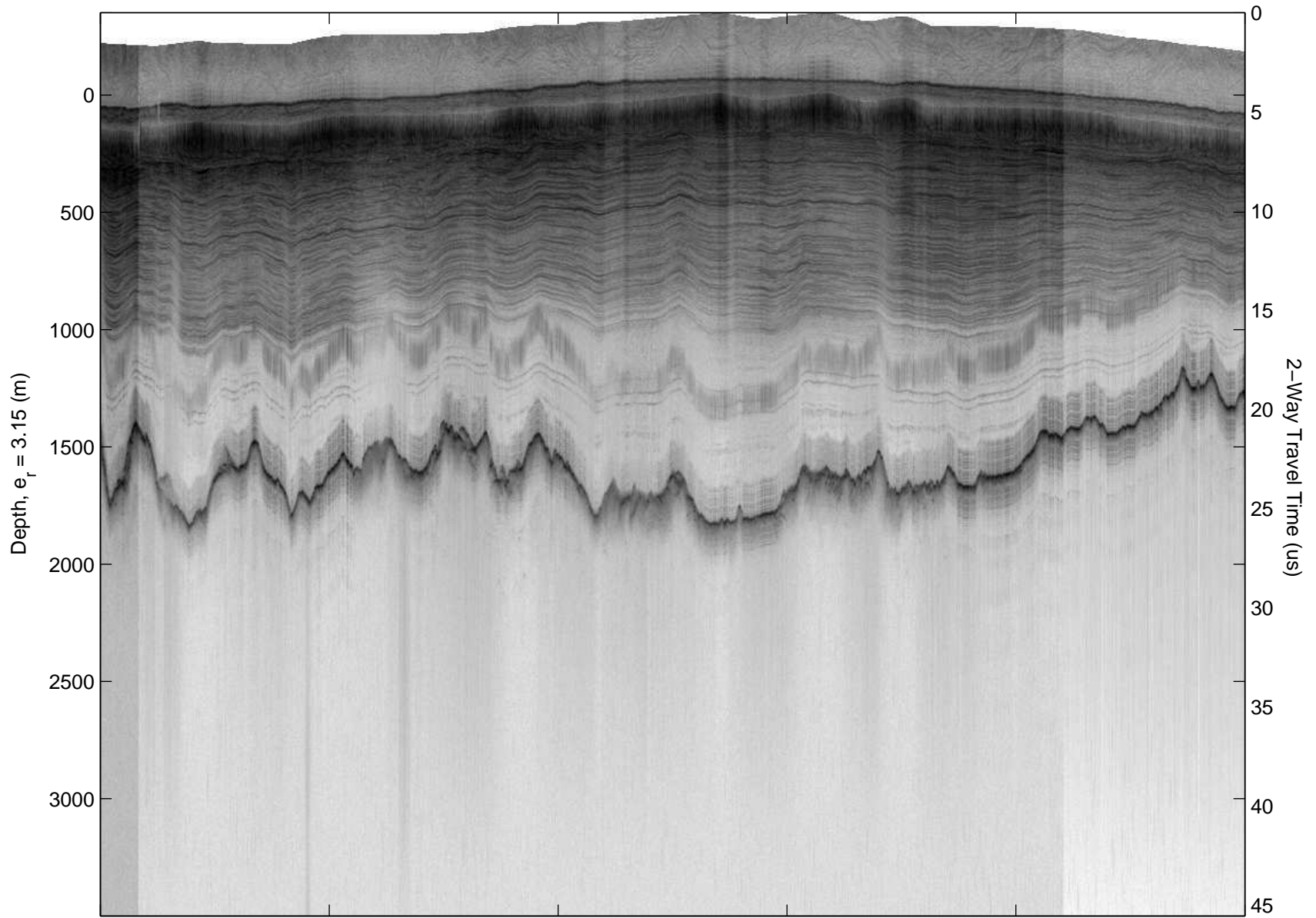


Data Frame ID: 19990517_01_001



0.00 km
80.500 N
45.666 W

31.03 km
80.603 N
44.096 W

61.86 km
80.481 N
42.891 W

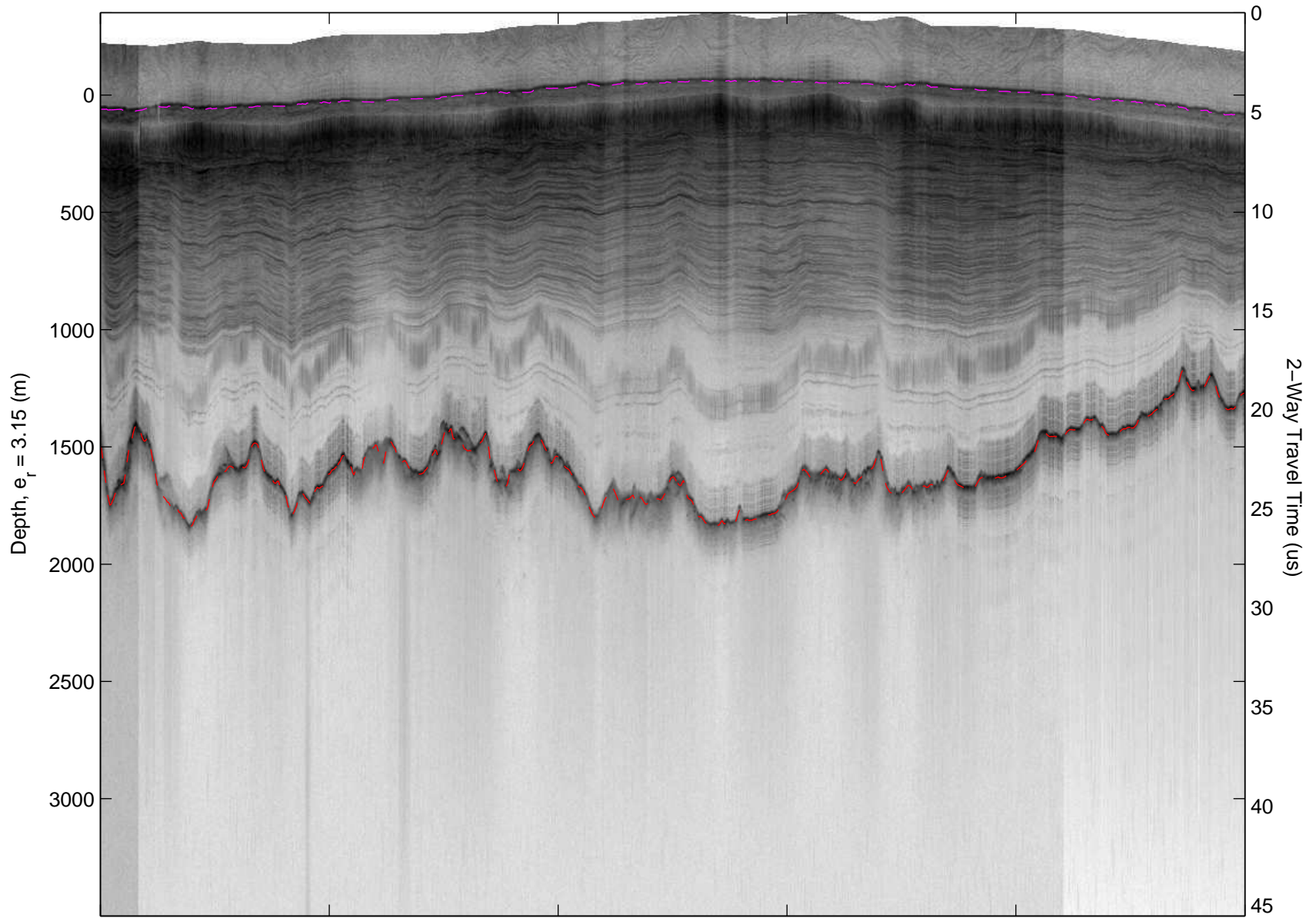
Distance
Latitude
Longitude

92.87 km
80.405 N
41.643 W

123.76 km
80.635 N
42.160 W

154.62 km
80.876 N
42.995 W

Data Frame ID: 19990517_01_001



0.00 km
80.500 N
45.666 W

31.03 km
80.603 N
44.096 W

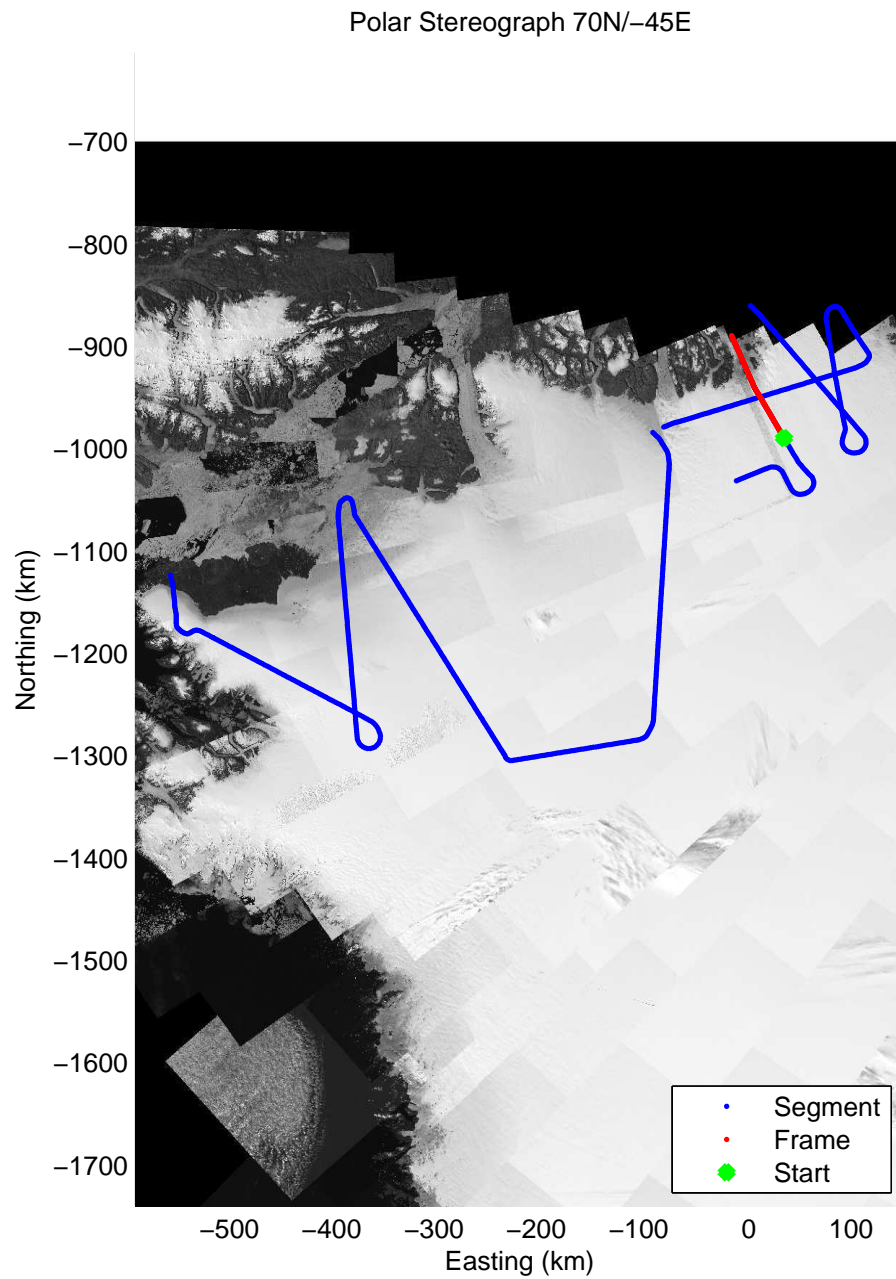
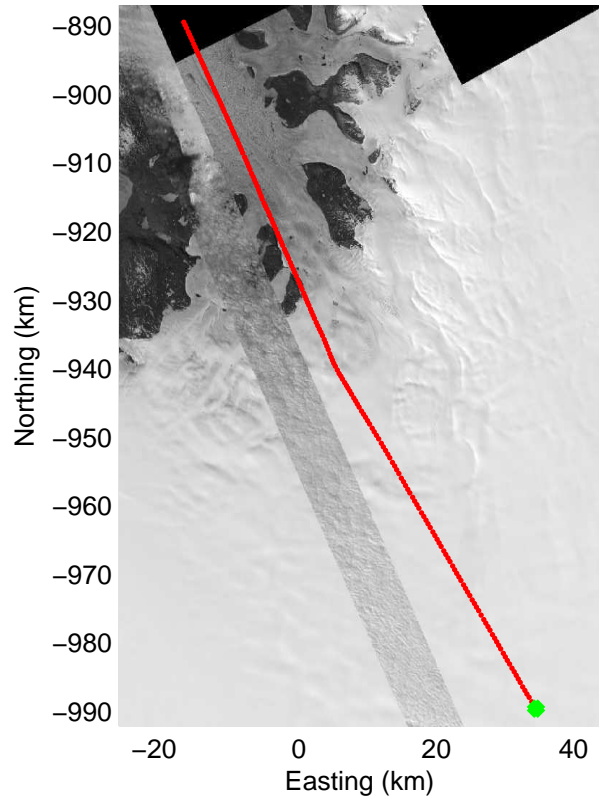
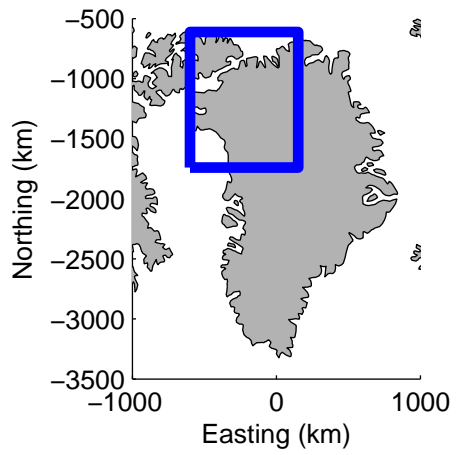
61.86 km
80.481 N
42.891 W

Distance
Latitude
Longitude

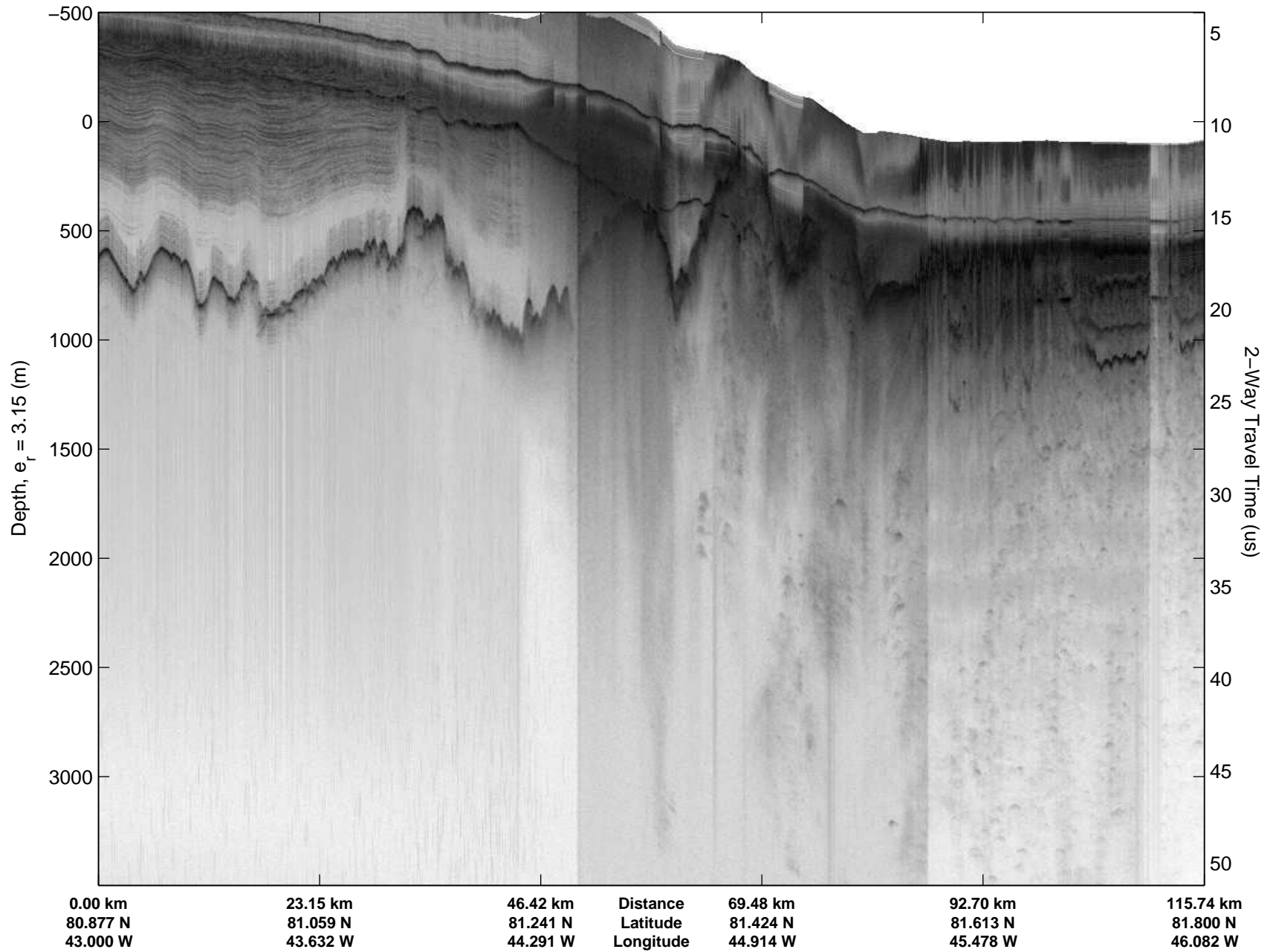
92.87 km
80.405 N
41.643 W

123.76 km
80.635 N
42.160 W

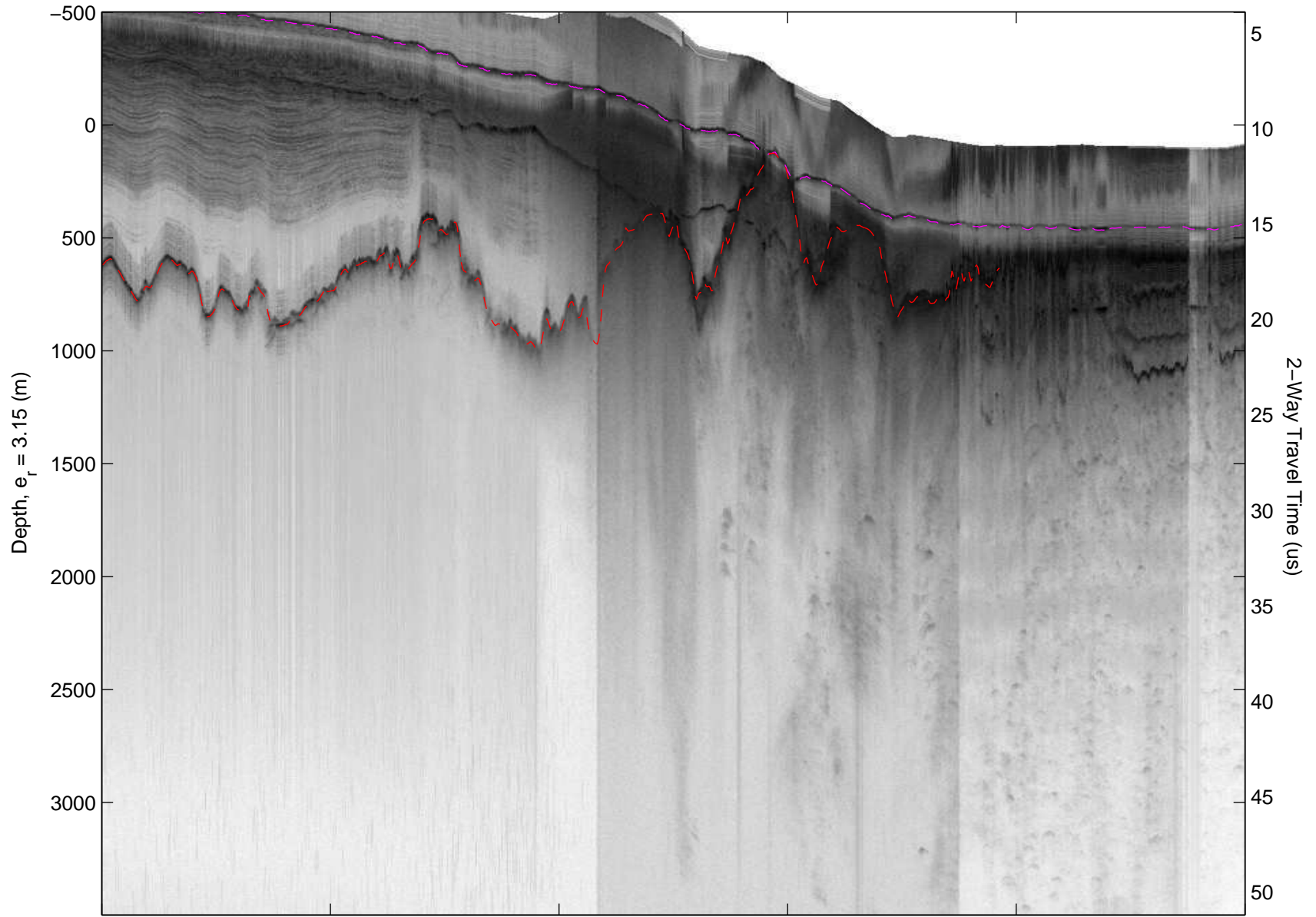
154.62 km
80.876 N
42.995 W



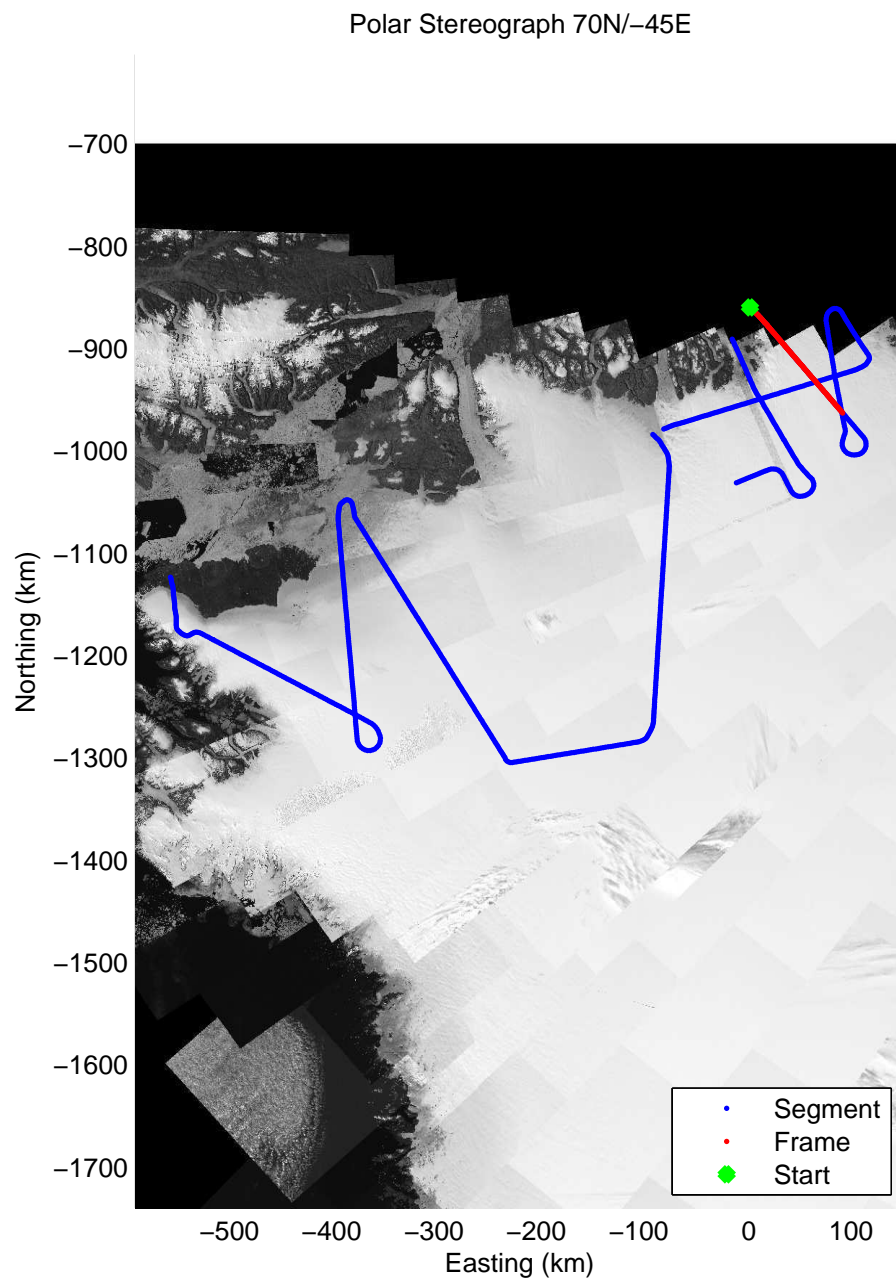
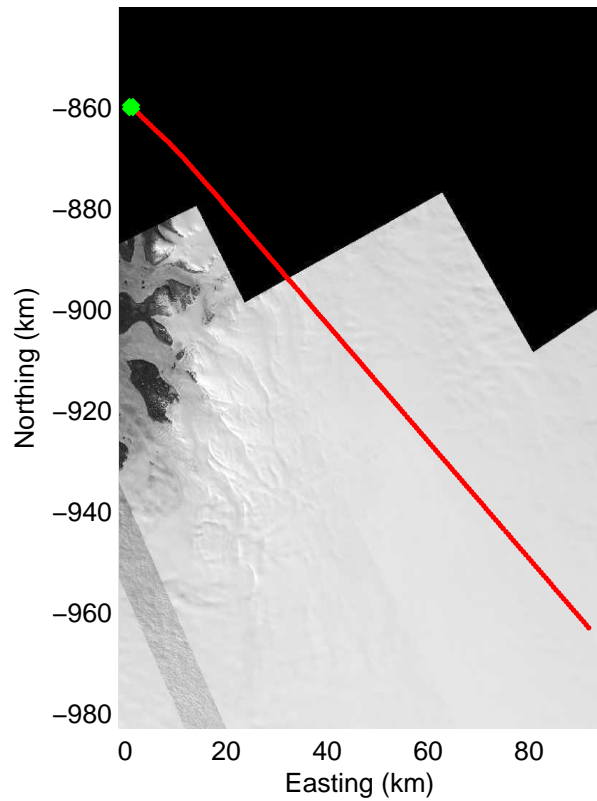
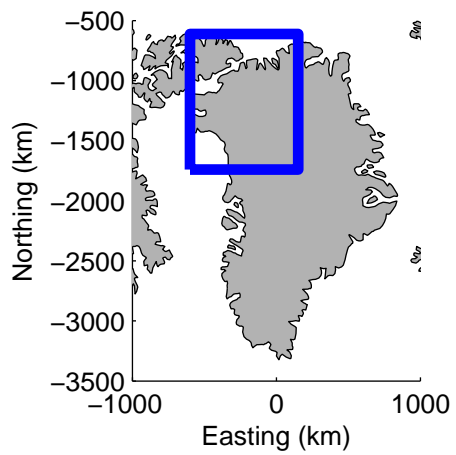
Data Frame ID: 19990517_01_002



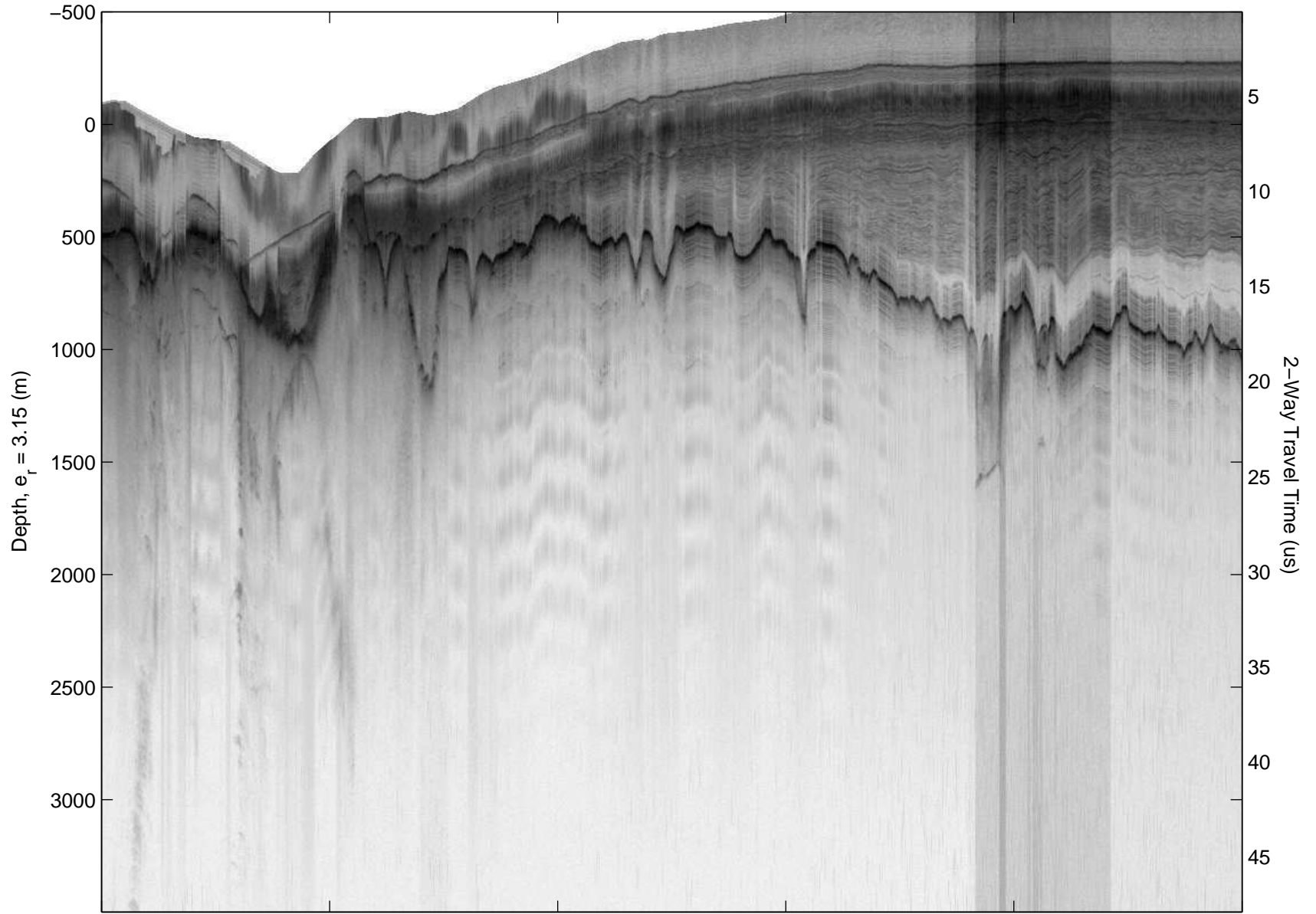
Data Frame ID: 19990517_01_002



0.00 km	23.15 km	46.42 km	Distance	69.48 km	92.70 km	115.74 km
80.877 N	81.059 N	81.241 N	Latitude	81.424 N	81.613 N	81.800 N
43.000 W	43.632 W	44.291 W	Longitude	44.914 W	45.478 W	46.082 W

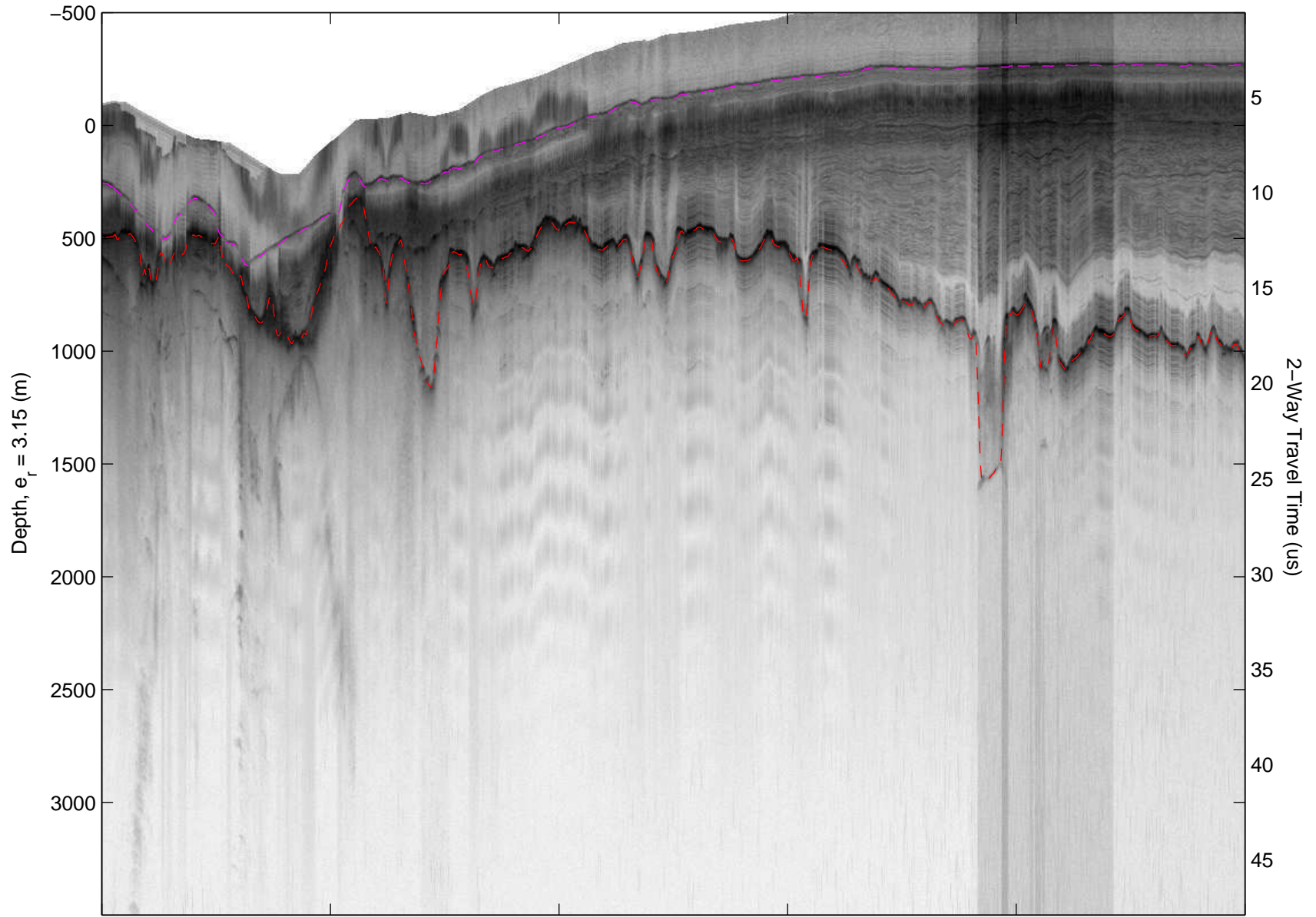


Data Frame ID: 19990517_01_003

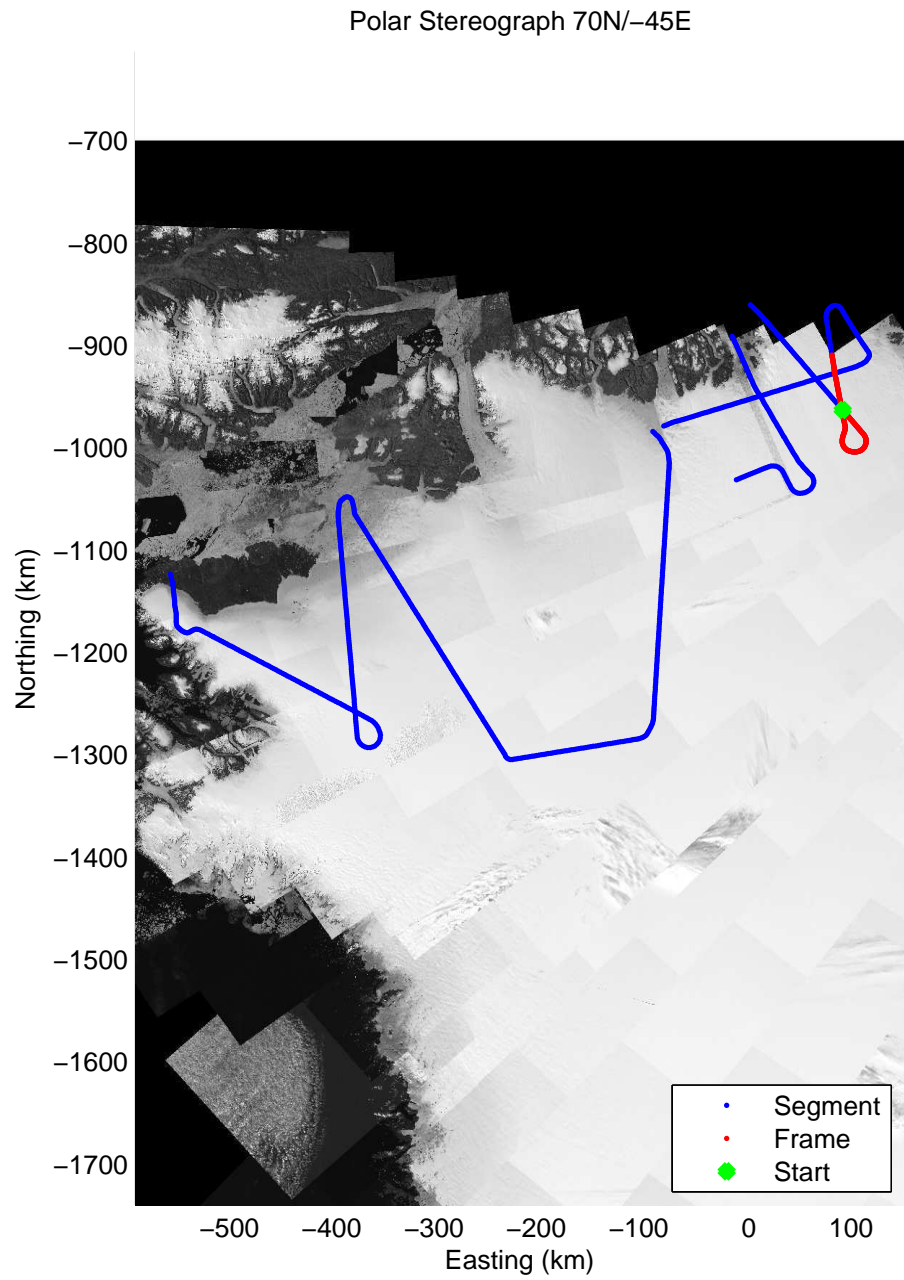
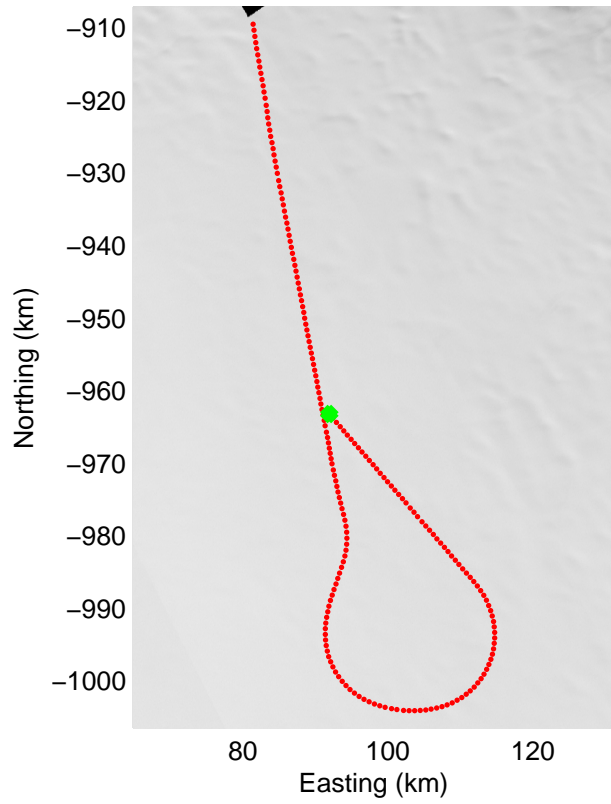
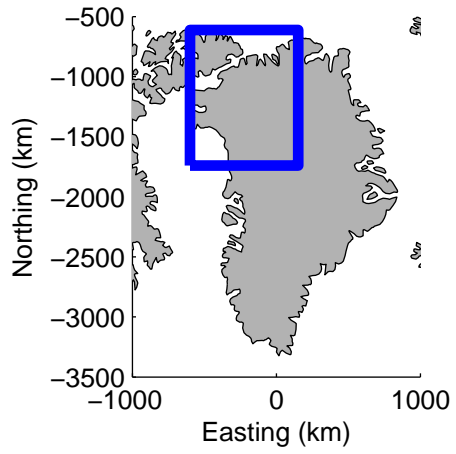


0.00 km	28.33 km	56.45 km	Distance	84.78 km	112.95 km	141.08 km
82.073 N	81.888 N	81.692 N	Latitude	81.492 N	81.290 N	81.086 N
44.921 W	43.689 W	42.585 W	Longitude	41.523 W	40.514 W	39.554 W

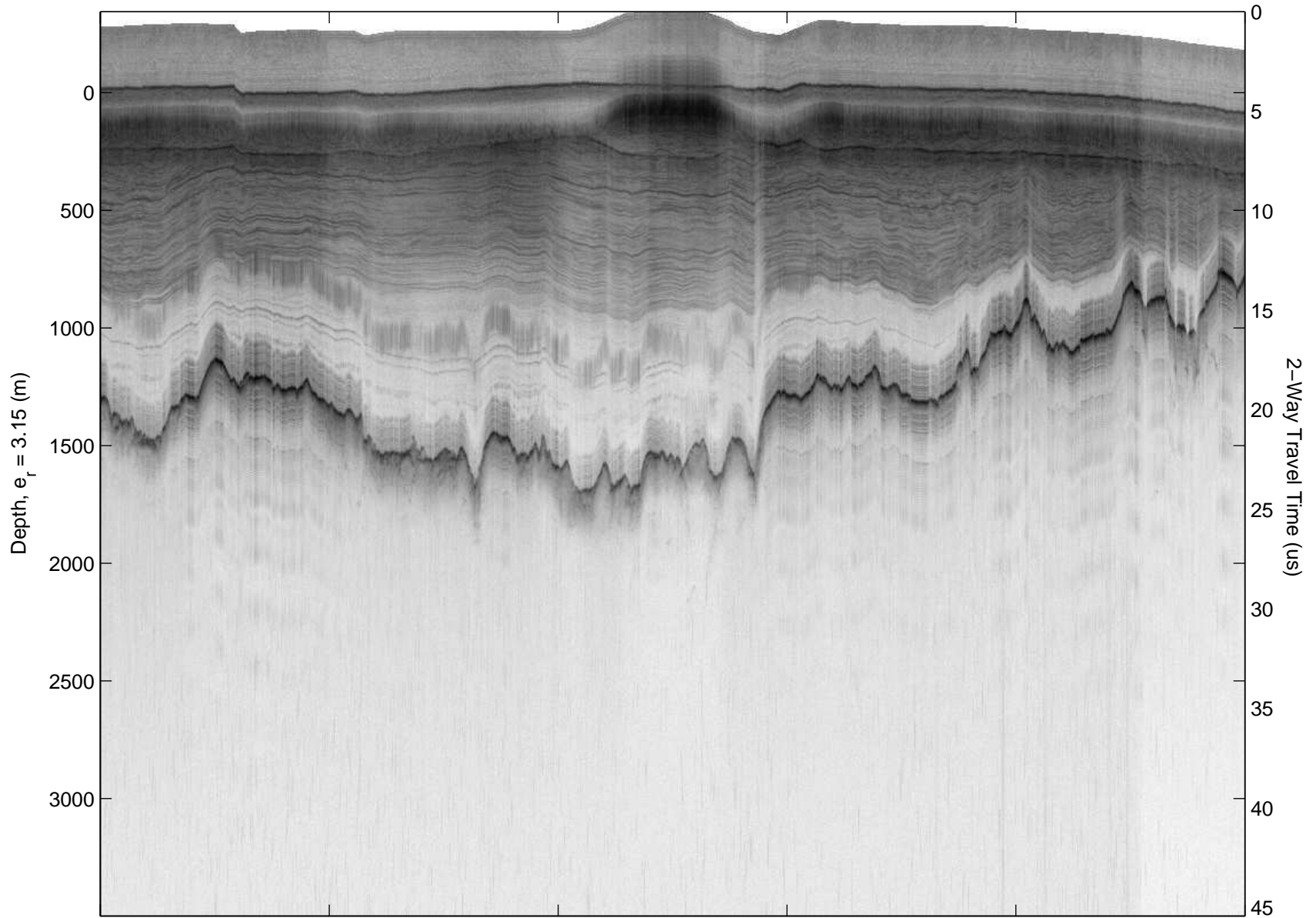
Data Frame ID: 19990517_01_003



0.00 km	28.33 km	56.45 km	Distance	84.78 km	112.95 km	141.08 km
82.073 N	81.888 N	81.692 N	Latitude	81.492 N	81.290 N	81.086 N
44.921 W	43.689 W	42.585 W	Longitude	41.523 W	40.514 W	39.554 W

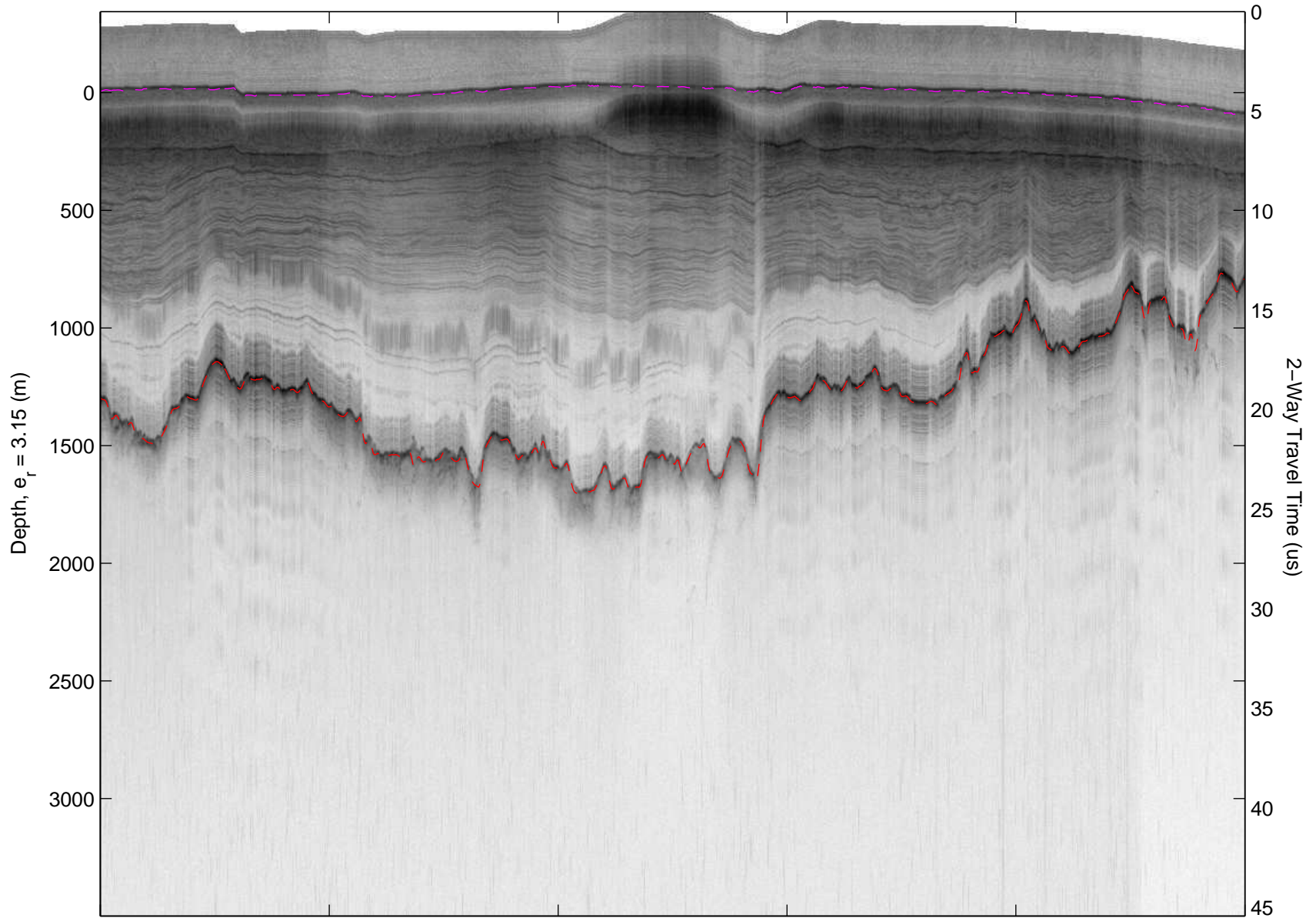


Data Frame ID: 19990517_01_004

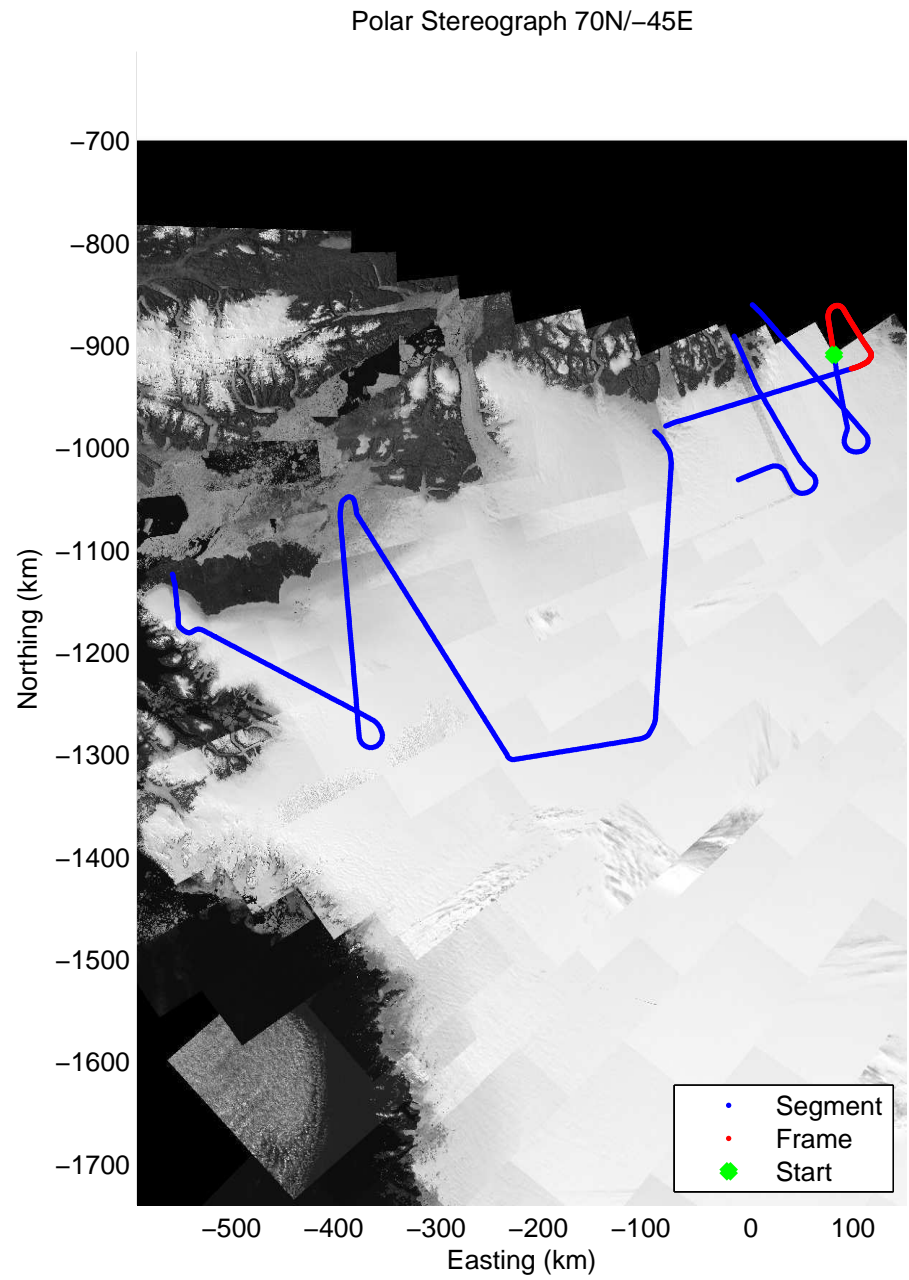
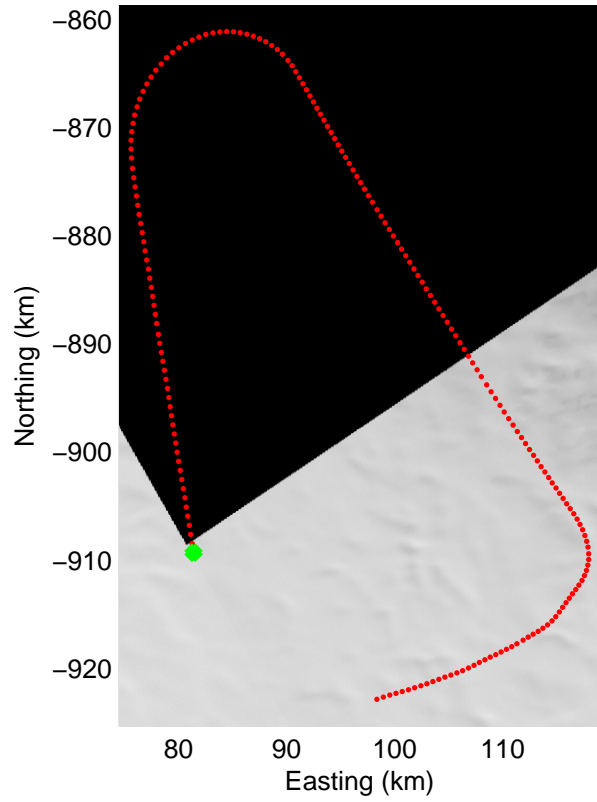
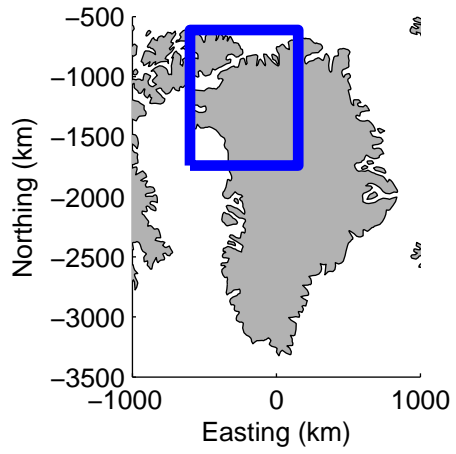


0.00 km	32.74 km	65.51 km	Distance	98.23 km	131.00 km	163.55 km
81.085 N	80.844 N	80.727 N	Latitude	81.002 N	81.295 N	81.585 N
39.548 W	38.488 W	39.539 W	Longitude	39.550 W	39.728 W	39.884 W

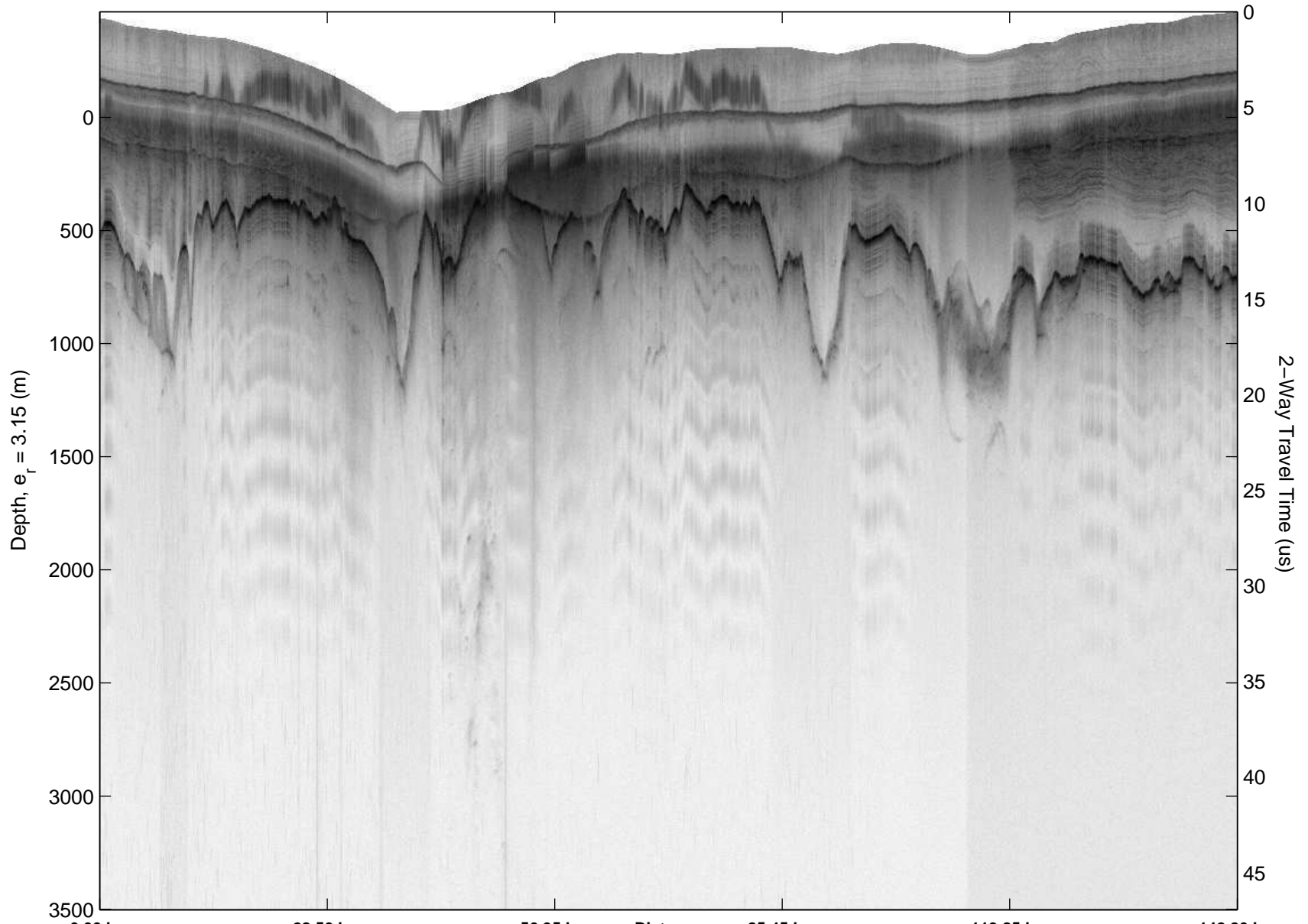
Data Frame ID: 19990517_01_004



0.00 km	32.74 km	65.51 km	Distance	98.23 km	131.00 km	163.55 km
81.085 N	80.844 N	80.727 N	Latitude	81.002 N	81.295 N	81.585 N
39.548 W	38.488 W	39.539 W	Longitude	39.550 W	39.728 W	39.884 W



Data Frame ID: 19990517_01_005

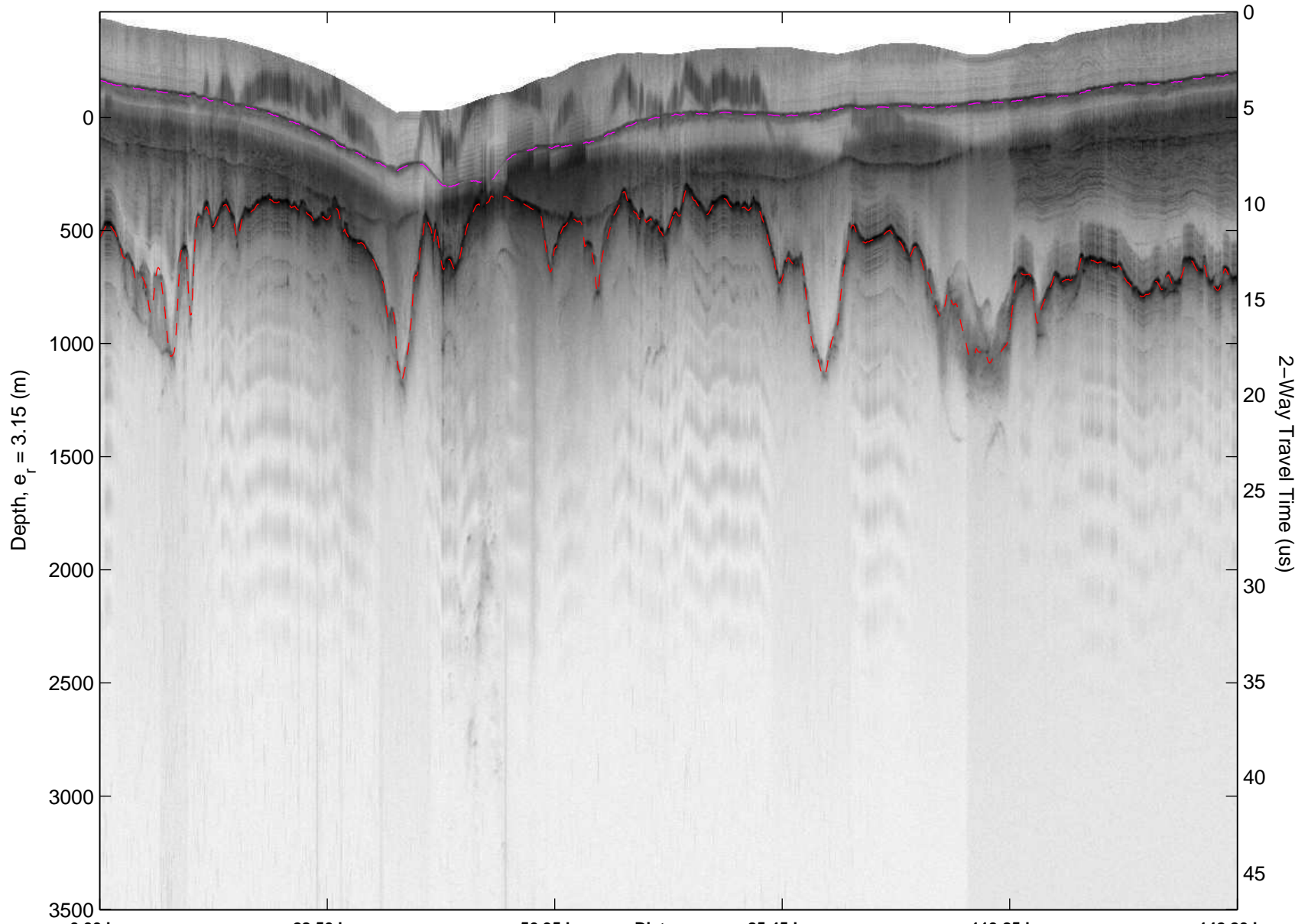


Depth, $e_r = 3.15$ (m)

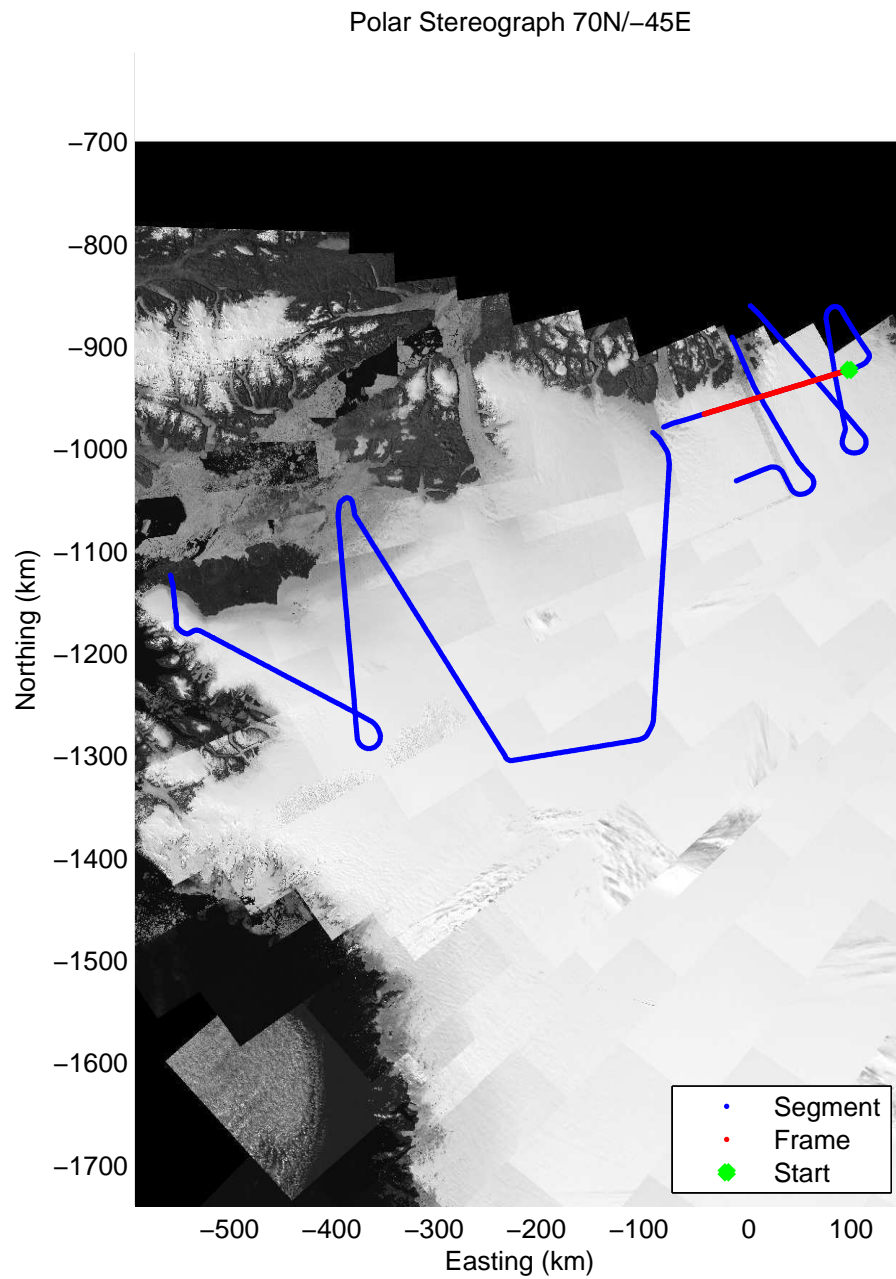
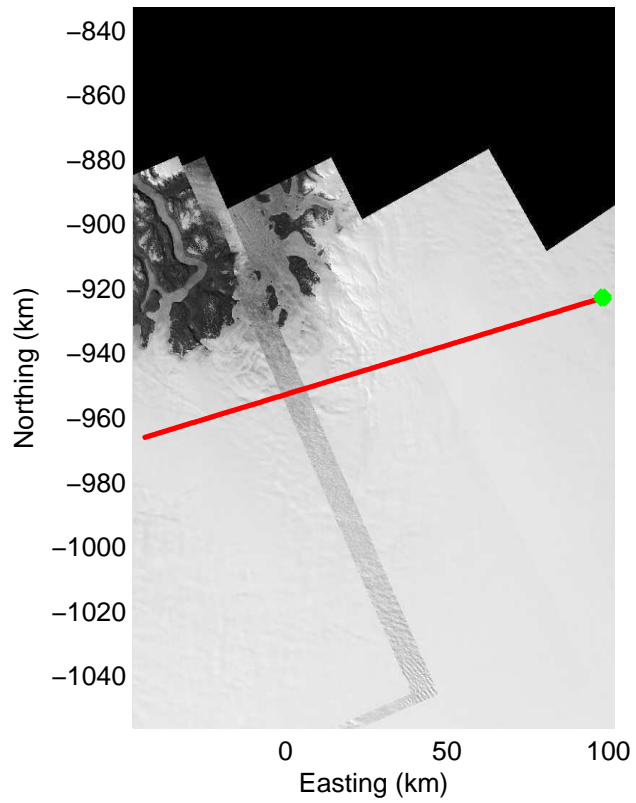
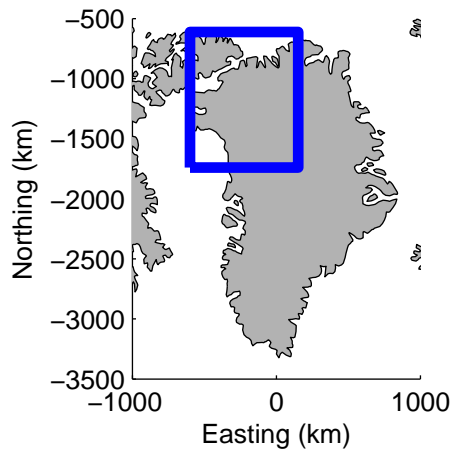
2-Way Travel Time (us)

0.00 km	28.50 km	56.95 km	Distance	85.45 km	113.85 km	142.20 km
81.586 N	81.841 N	82.020 N	Latitude	81.800 N	81.572 N	81.447 N
39.885 W	40.009 W	39.261 W	Longitude	38.401 W	37.631 W	38.917 W

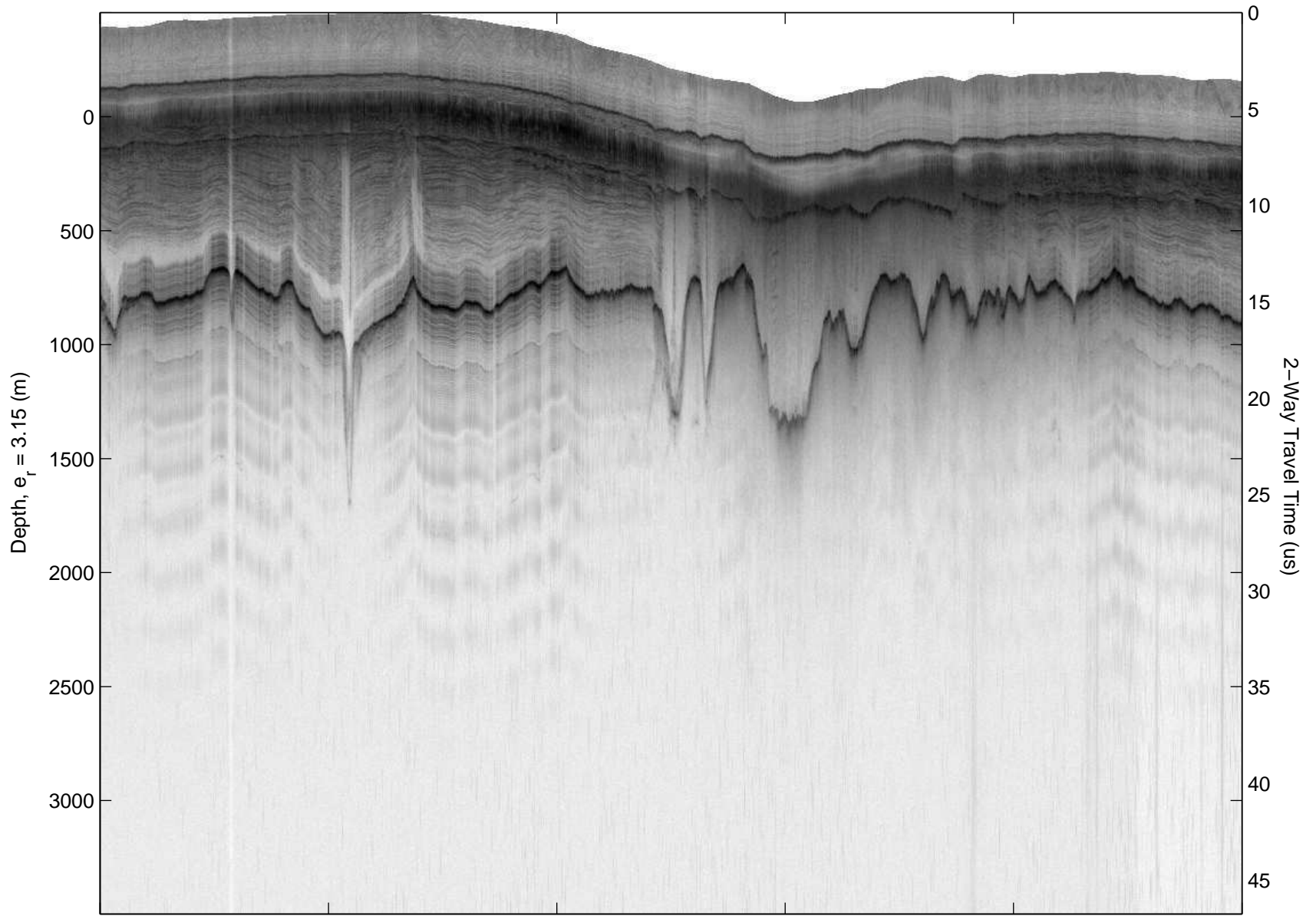
Data Frame ID: 19990517_01_005



0.00 km	28.50 km	56.95 km	Distance	85.45 km	113.85 km	142.20 km
81.586 N	81.841 N	82.020 N	Latitude	81.800 N	81.572 N	81.447 N
39.885 W	40.009 W	39.261 W	Longitude	38.401 W	37.631 W	38.917 W



Data Frame ID: 19990517_01_006



0.00 km
81.447 N
38.924 W

30.49 km
81.391 N
40.714 W

60.90 km
81.327 N
42.474 W

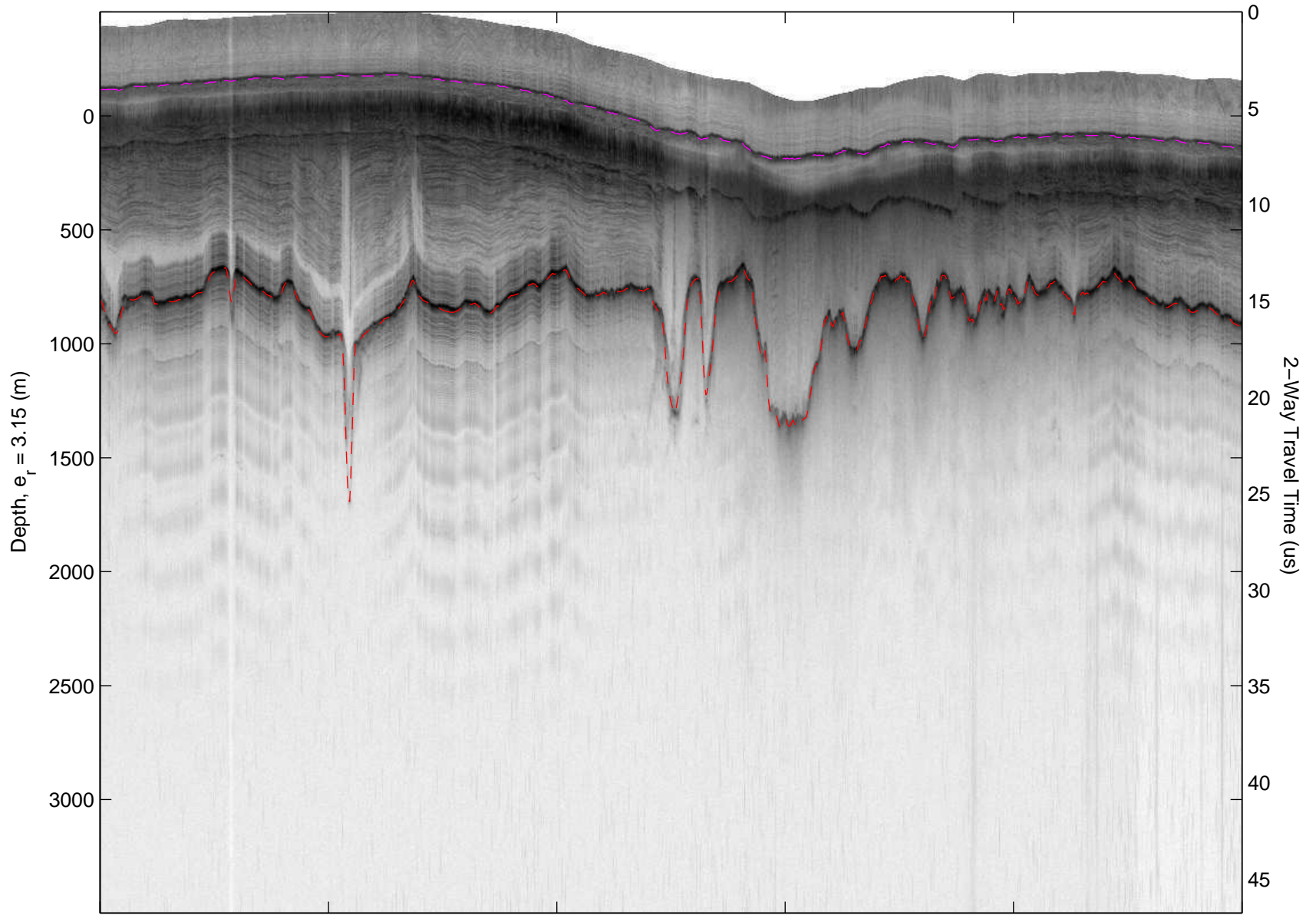
Distance
Latitude
Longitude

91.33 km
81.255 N
44.209 W

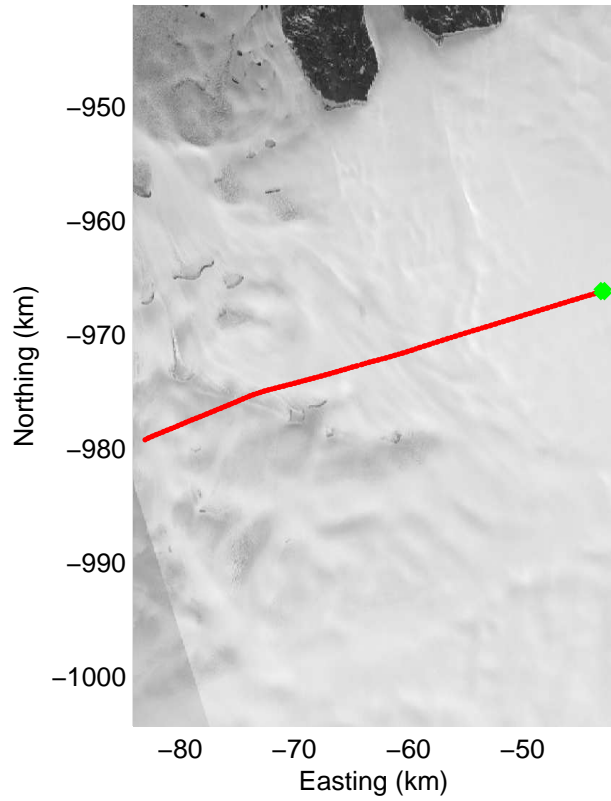
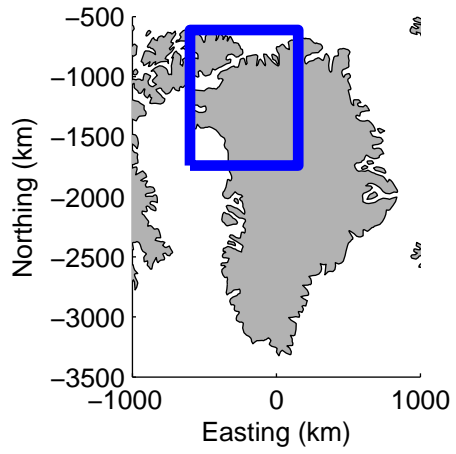
121.71 km
81.176 N
45.910 W

152.02 km
81.089 N
47.578 W

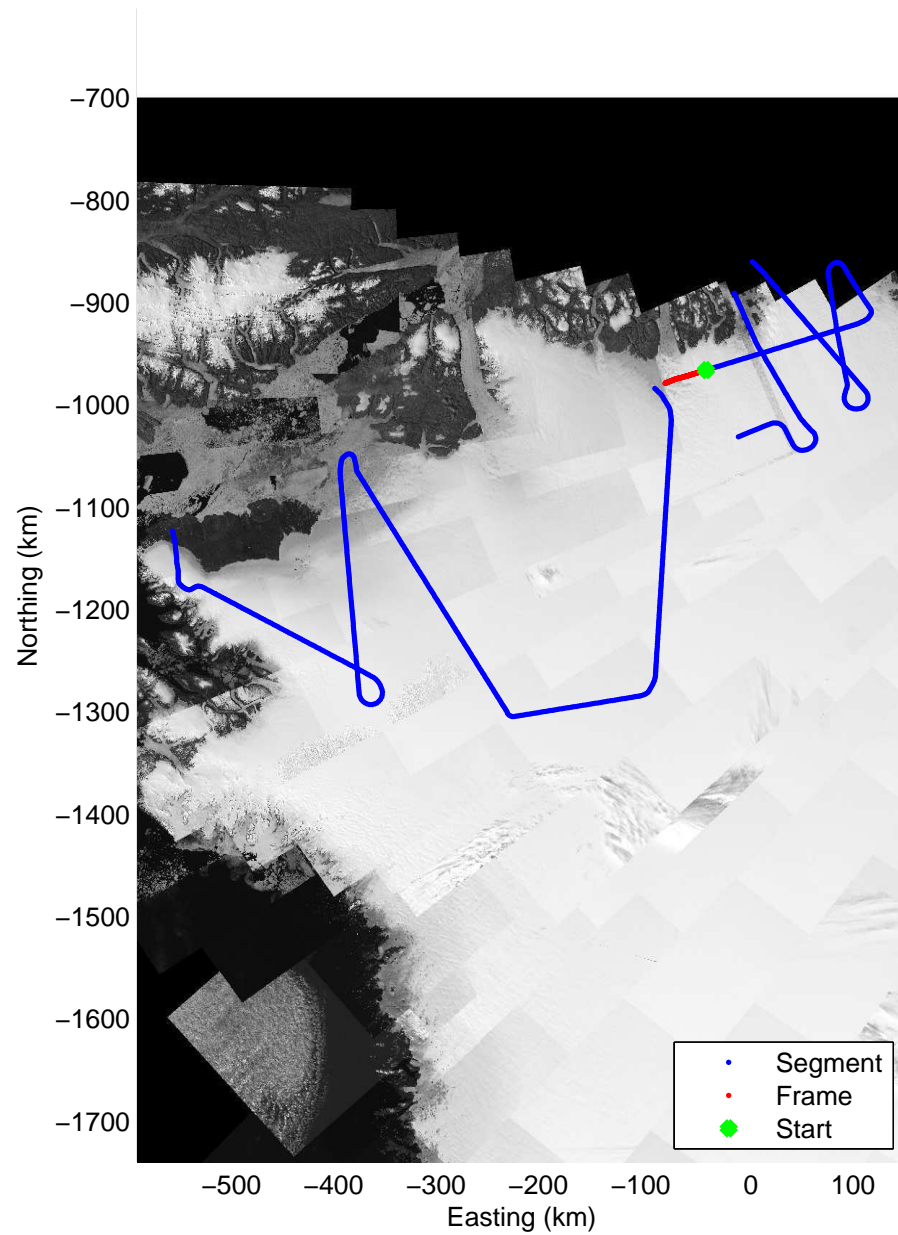
Data Frame ID: 19990517_01_006



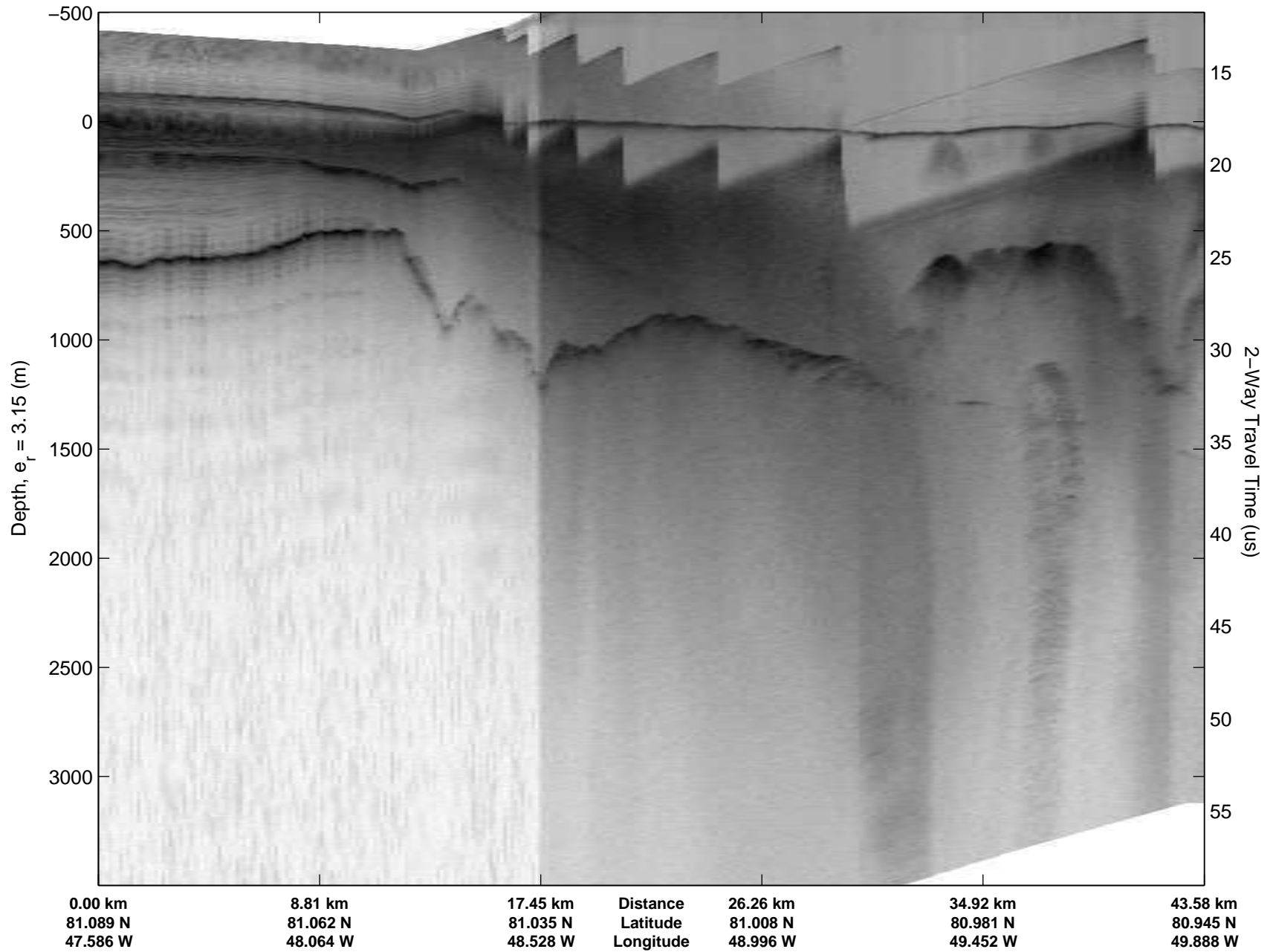
0.00 km	30.49 km	60.90 km	Distance	91.33 km	121.71 km	152.02 km
81.447 N	81.391 N	81.327 N	Latitude	81.255 N	81.176 N	81.089 N
38.924 W	40.714 W	42.474 W	Longitude	44.209 W	45.910 W	47.578 W



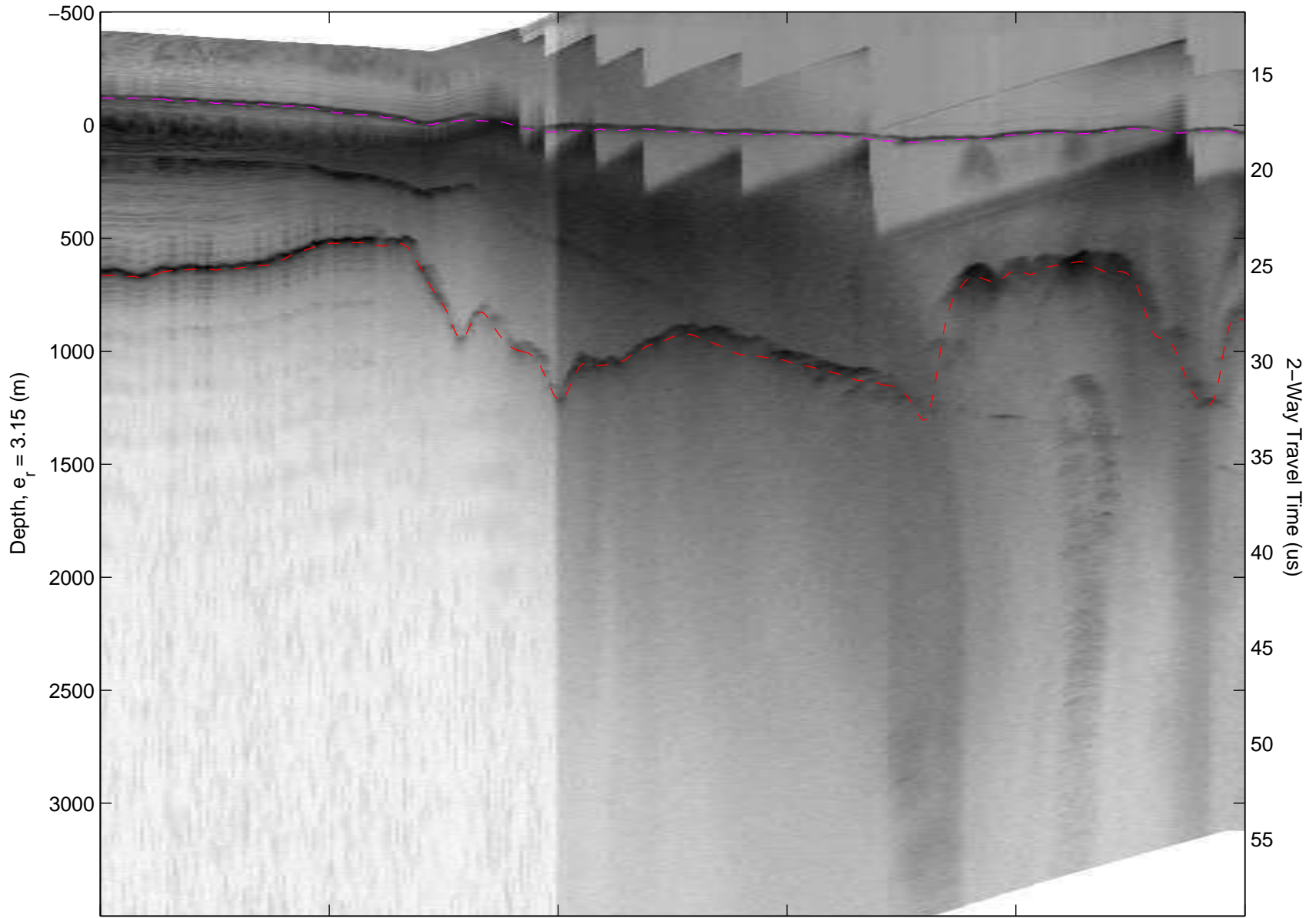
Polar Stereograph 70N/-45E



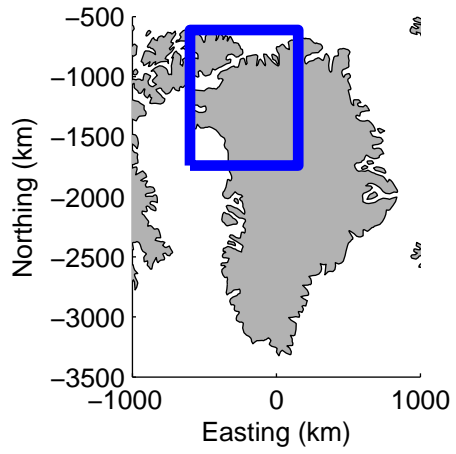
Data Frame ID: 19990517_01_007



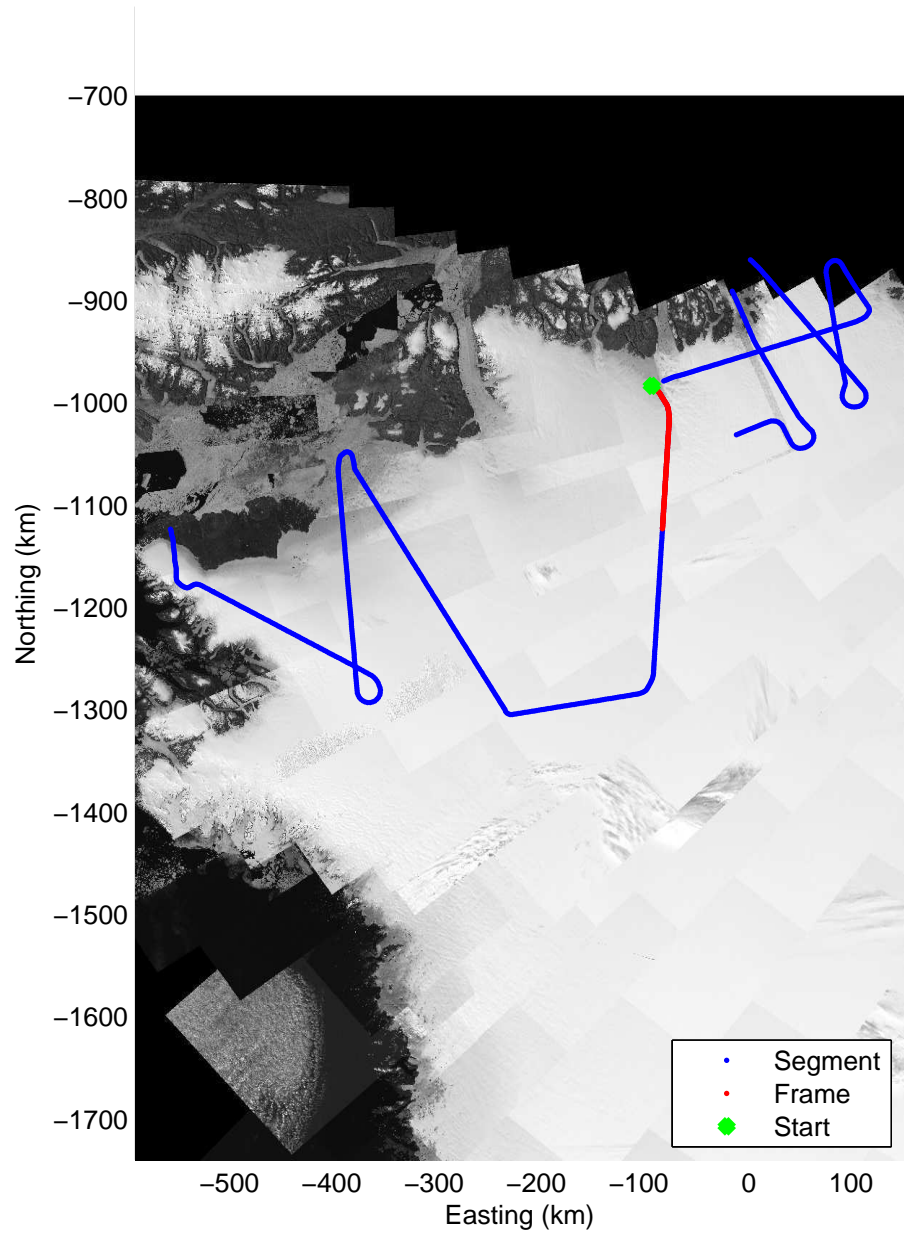
Data Frame ID: 19990517_01_007



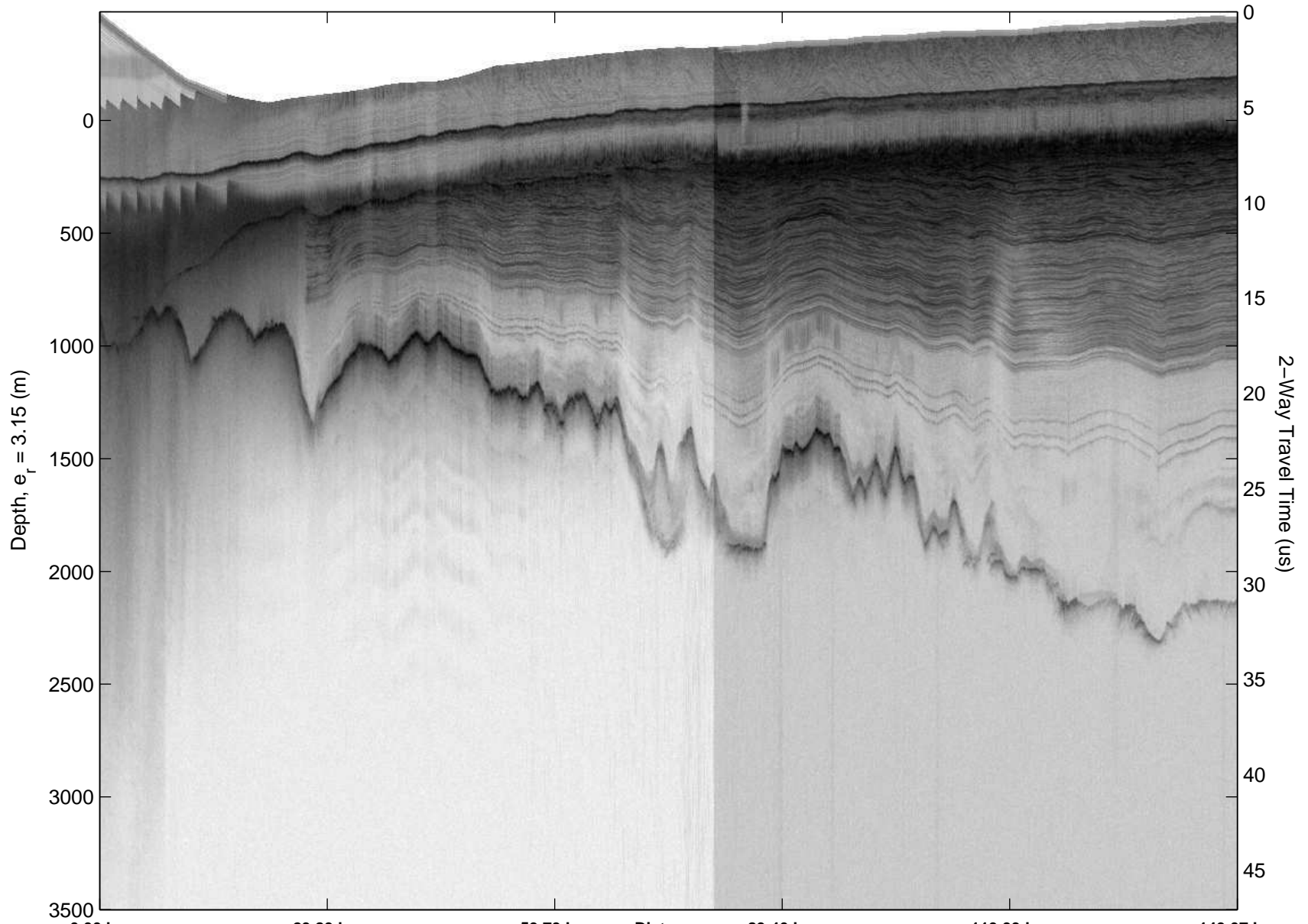
0.00 km	8.81 km	17.45 km	Distance	26.26 km	34.92 km	43.58 km
81.089 N	81.062 N	81.035 N	Latitude	81.008 N	80.981 N	80.945 N
47.586 W	48.064 W	48.528 W	Longitude	48.996 W	49.452 W	49.888 W



Polar Stereograph 70N/-45E

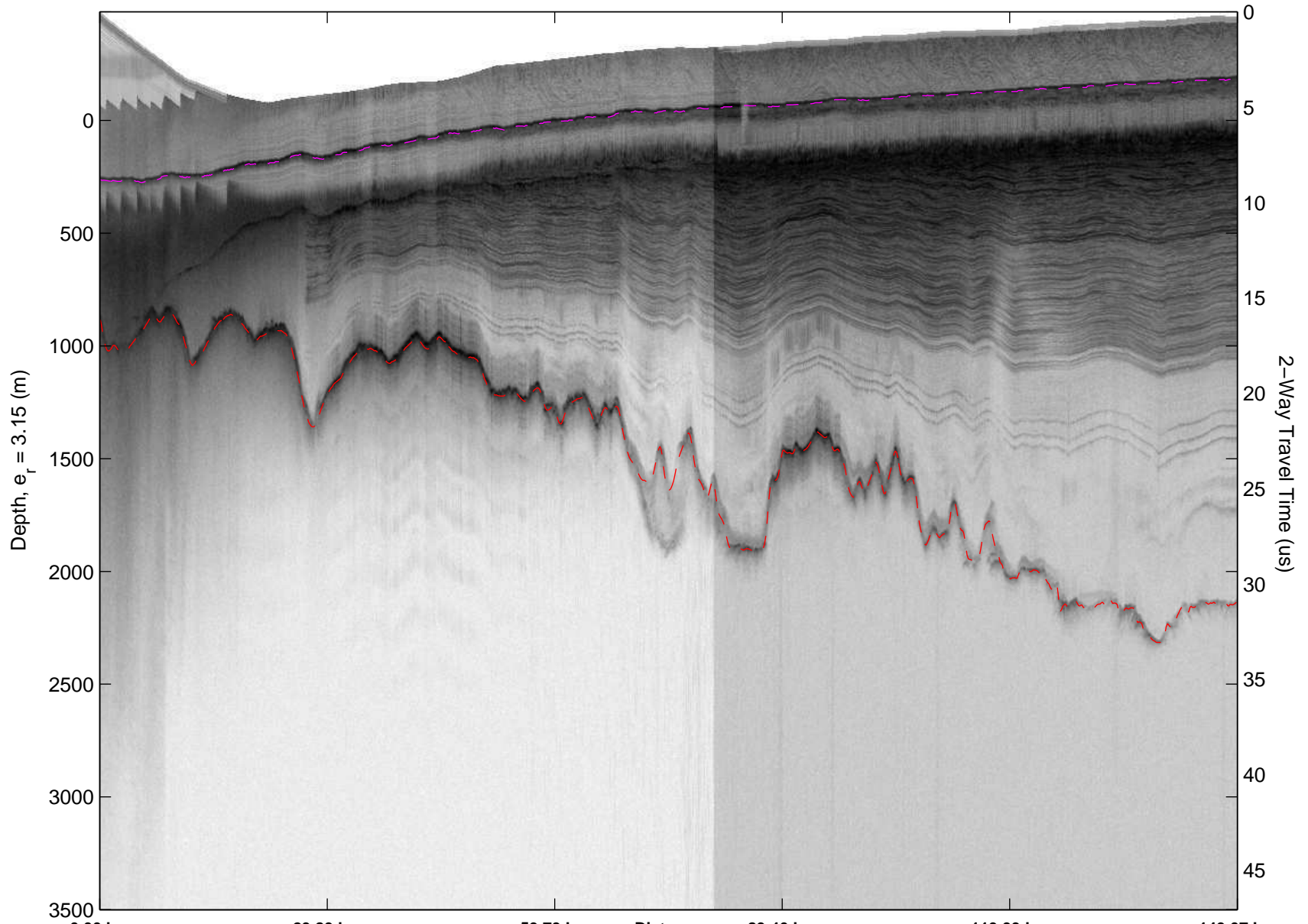


Data Frame ID: 19990517_01_008

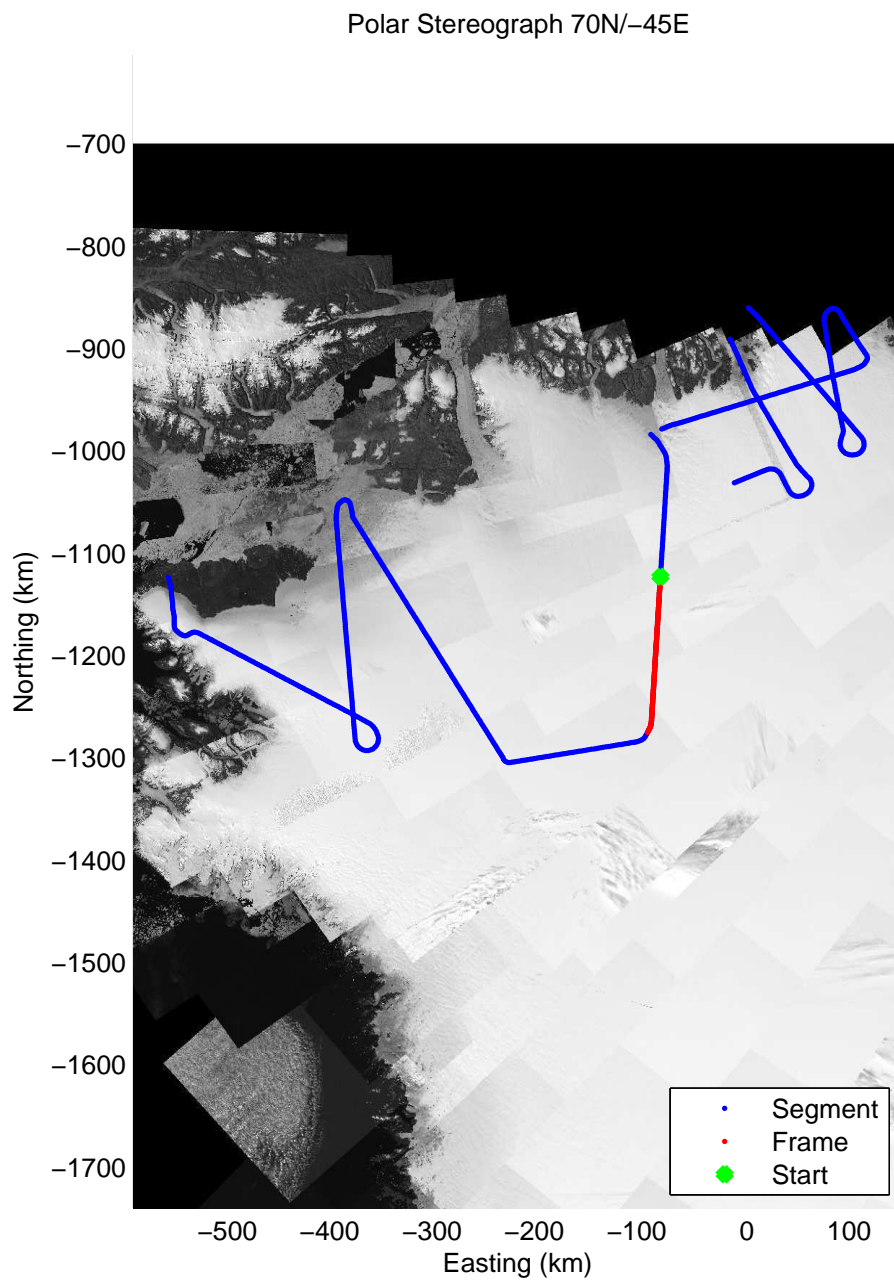
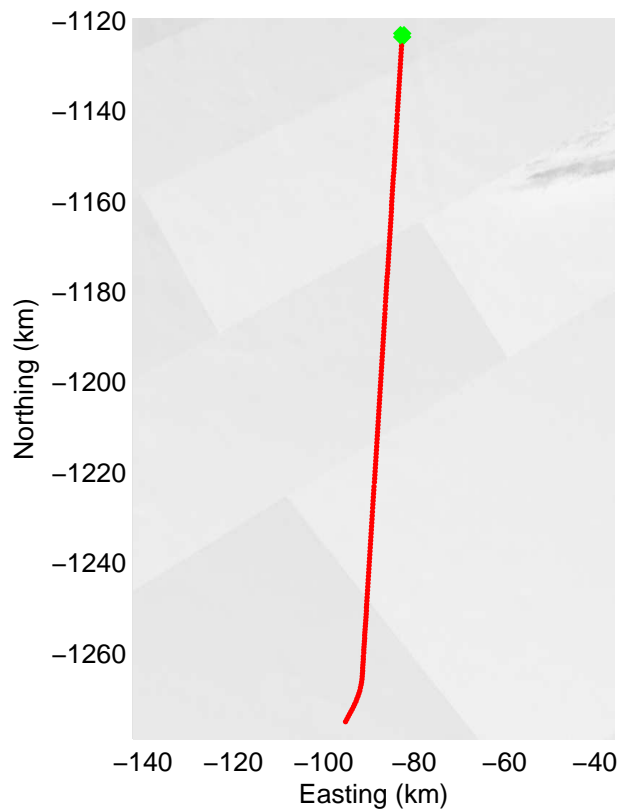
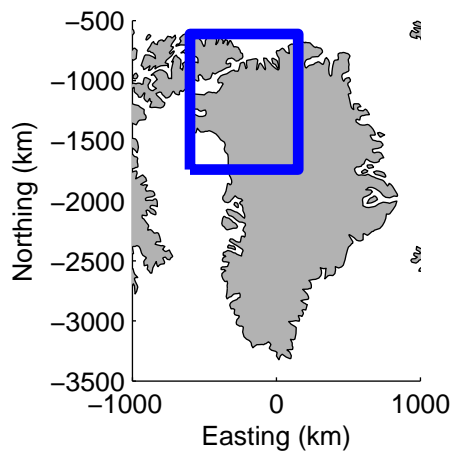


0.00 km	29.83 km	59.73 km	Distance	89.46 km	119.39 km	149.07 km
80.897 N	80.695 N	80.429 N	Latitude	80.163 N	79.895 N	79.629 N
50.497 W	49.461 W	49.352 W	Longitude	49.330 W	49.310 W	49.291 W

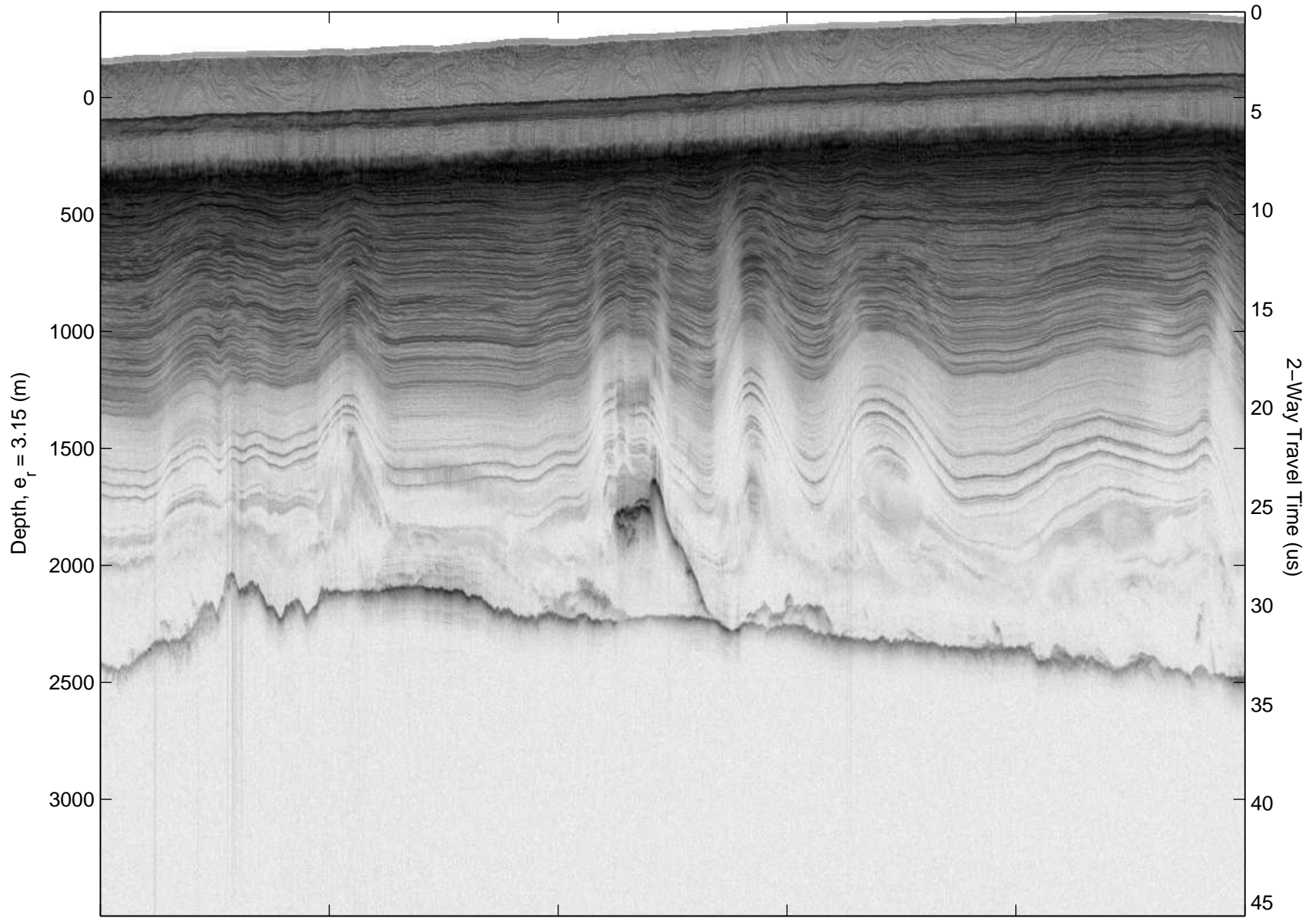
Data Frame ID: 19990517_01_008



0.00 km	29.83 km	59.73 km	Distance	89.46 km	119.39 km	149.07 km
80.897 N	80.695 N	80.429 N	Latitude	80.163 N	79.895 N	79.629 N
50.497 W	49.461 W	49.352 W	Longitude	49.330 W	49.310 W	49.291 W



Data Frame ID: 19990517_01_009



0.00 km
79.628 N
49.291 W

31.33 km
79.347 N
49.272 W

62.78 km
79.066 N
49.254 W

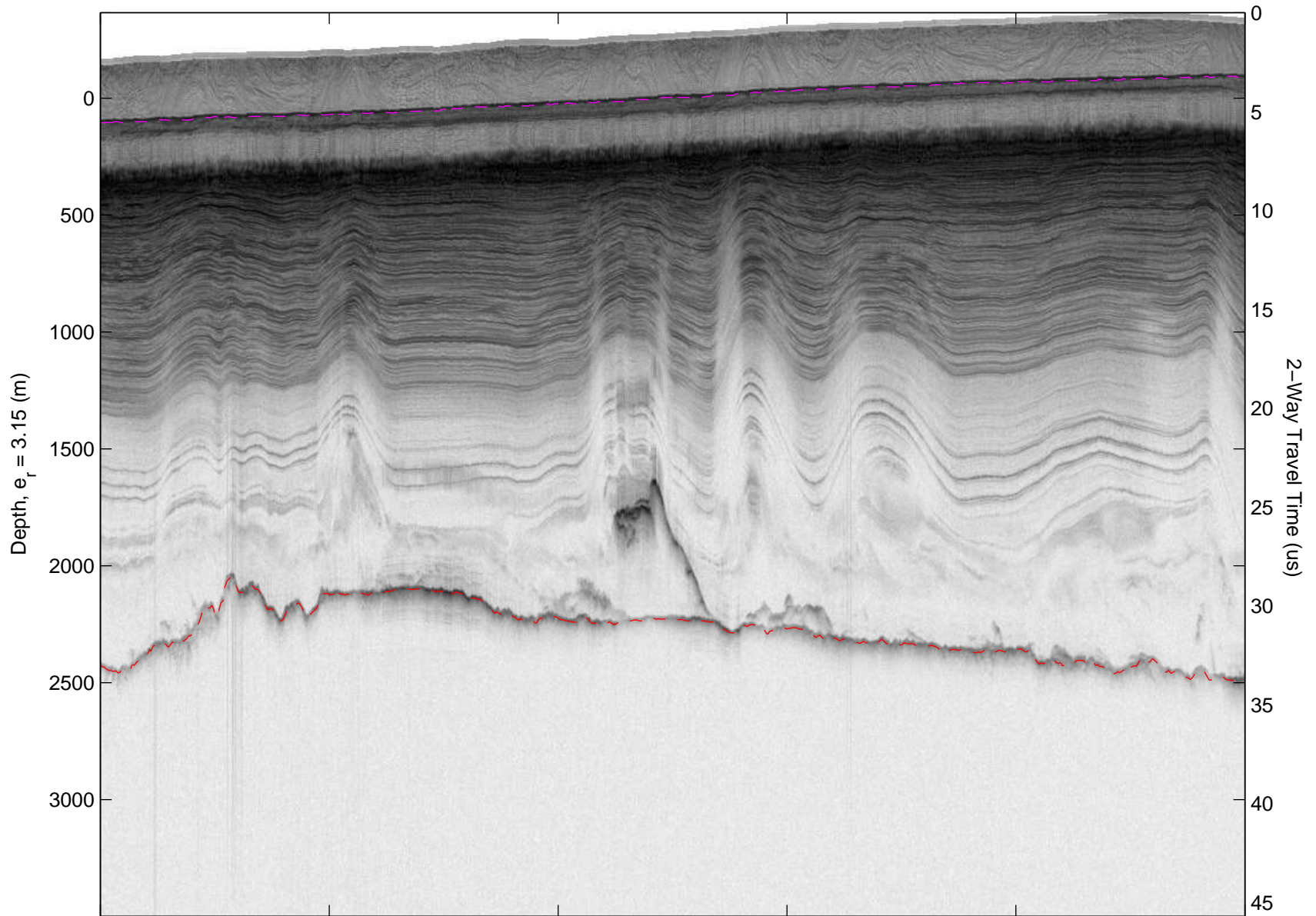
Distance
Latitude
Longitude

93.83 km
78.788 N
49.237 W

125.10 km
78.508 N
49.220 W

156.23 km
78.234 N
49.343 W

Data Frame ID: 19990517_01_009



0.00 km
79.628 N
49.291 W

31.33 km
79.347 N
49.272 W

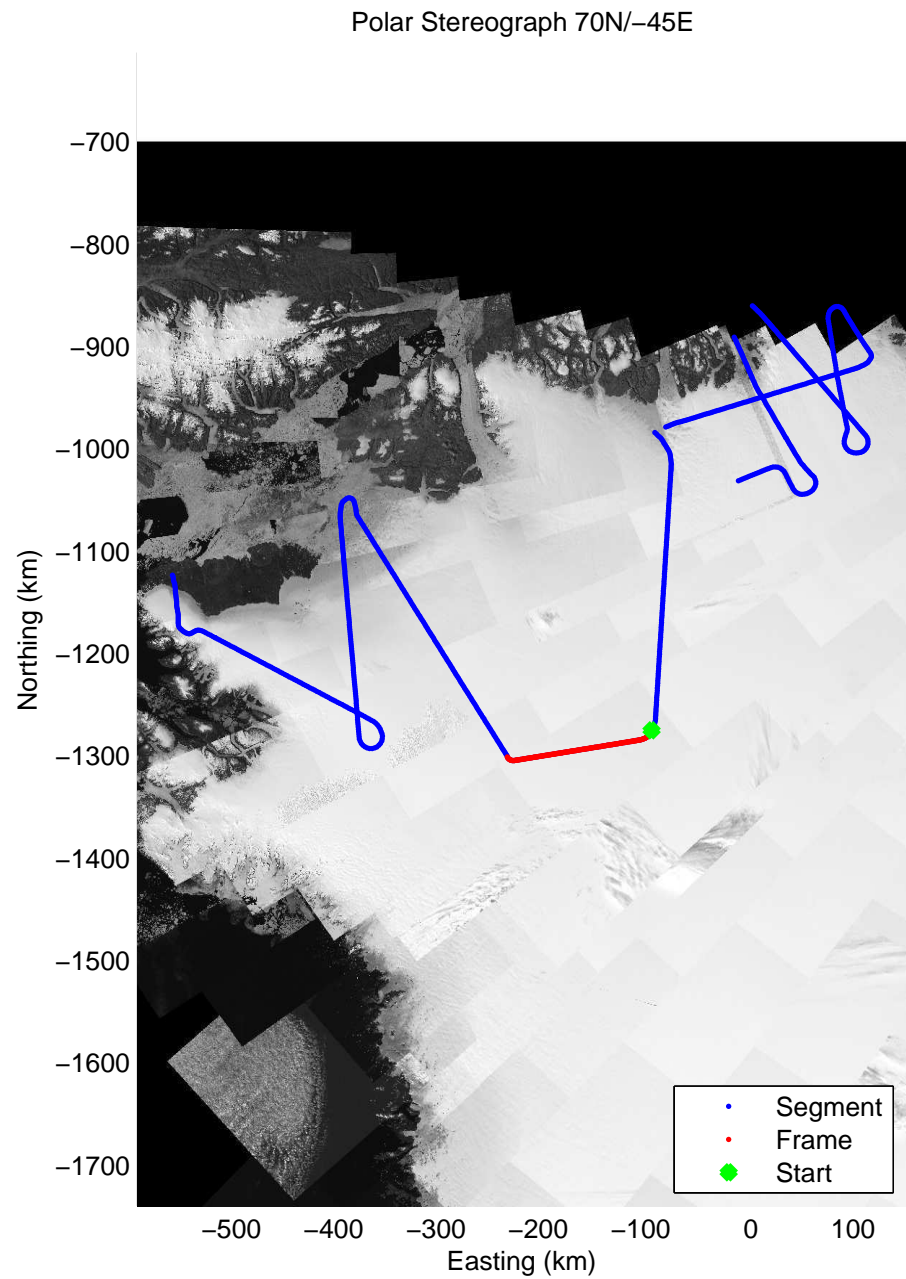
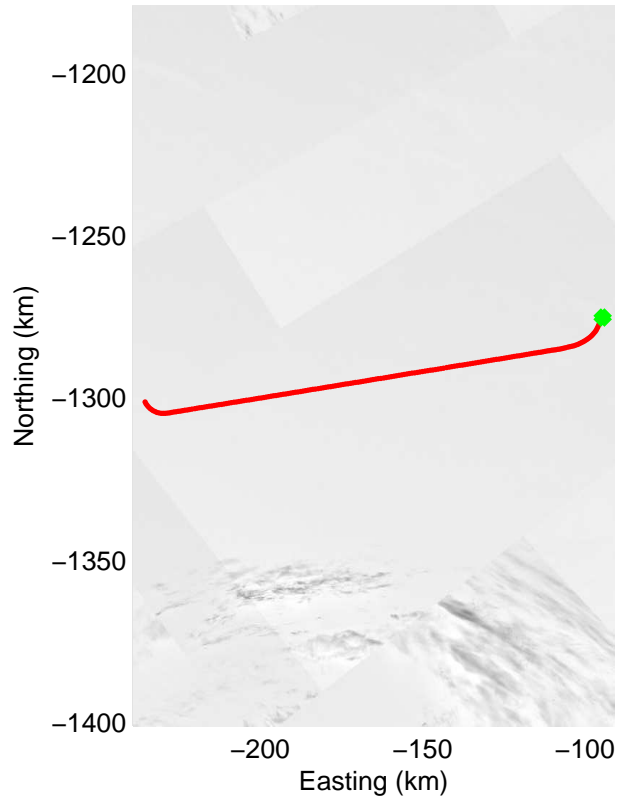
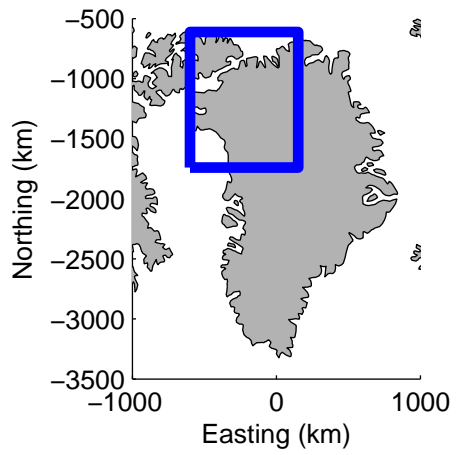
62.78 km
79.066 N
49.254 W

Distance
Latitude
Longitude

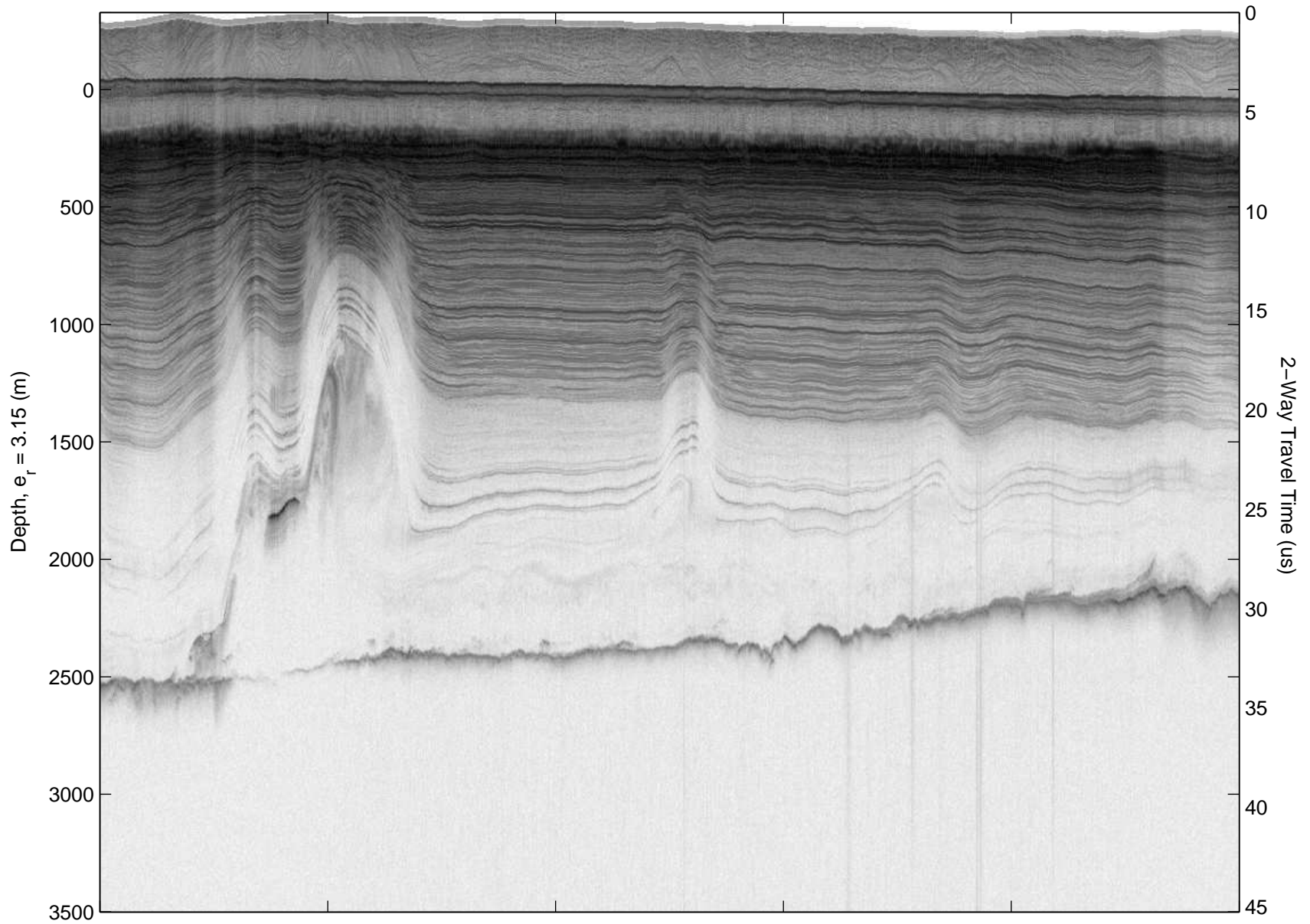
93.83 km
78.788 N
49.237 W

125.10 km
78.508 N
49.220 W

156.23 km
78.234 N
49.343 W

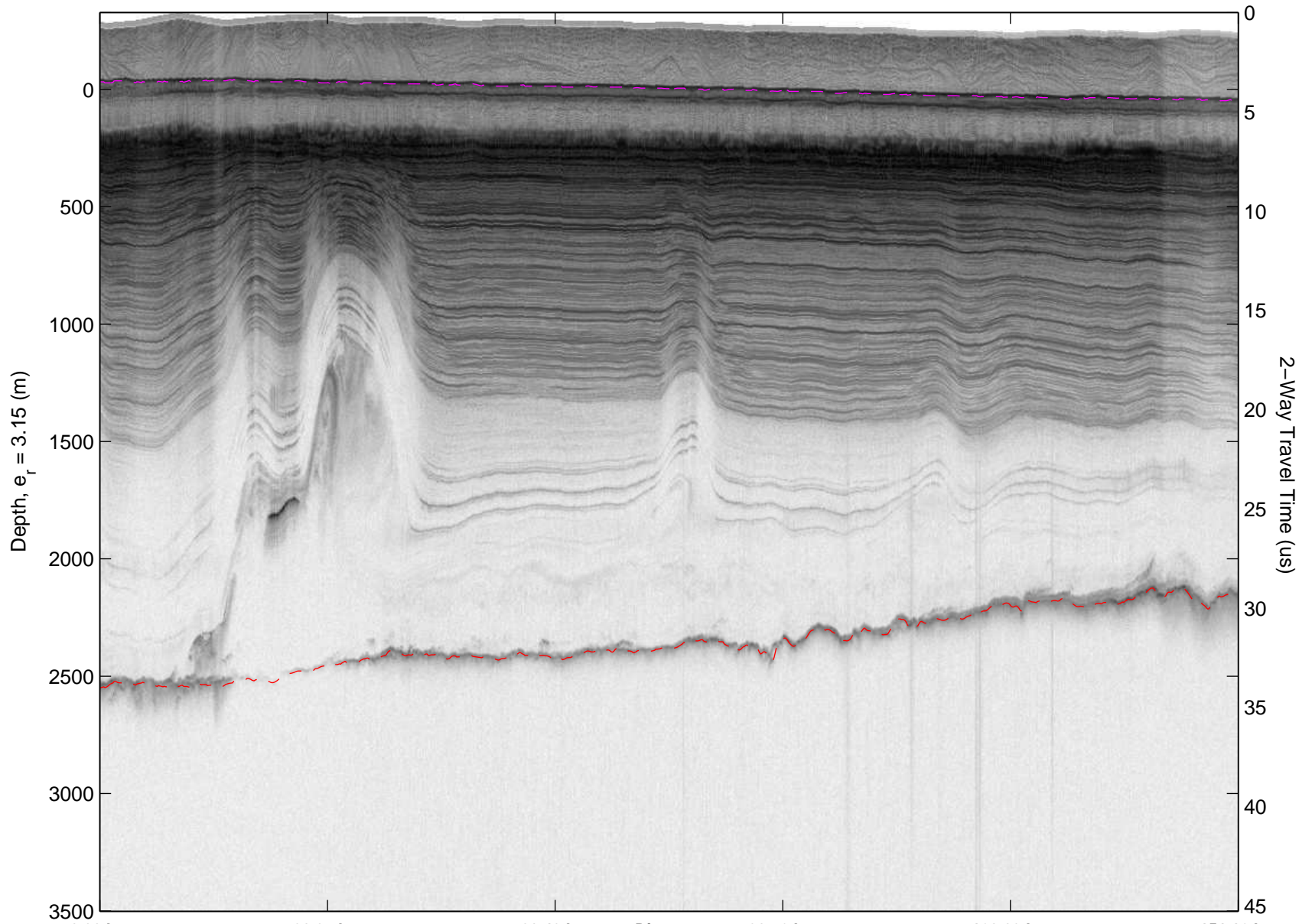


Data Frame ID: 19990517_01_010

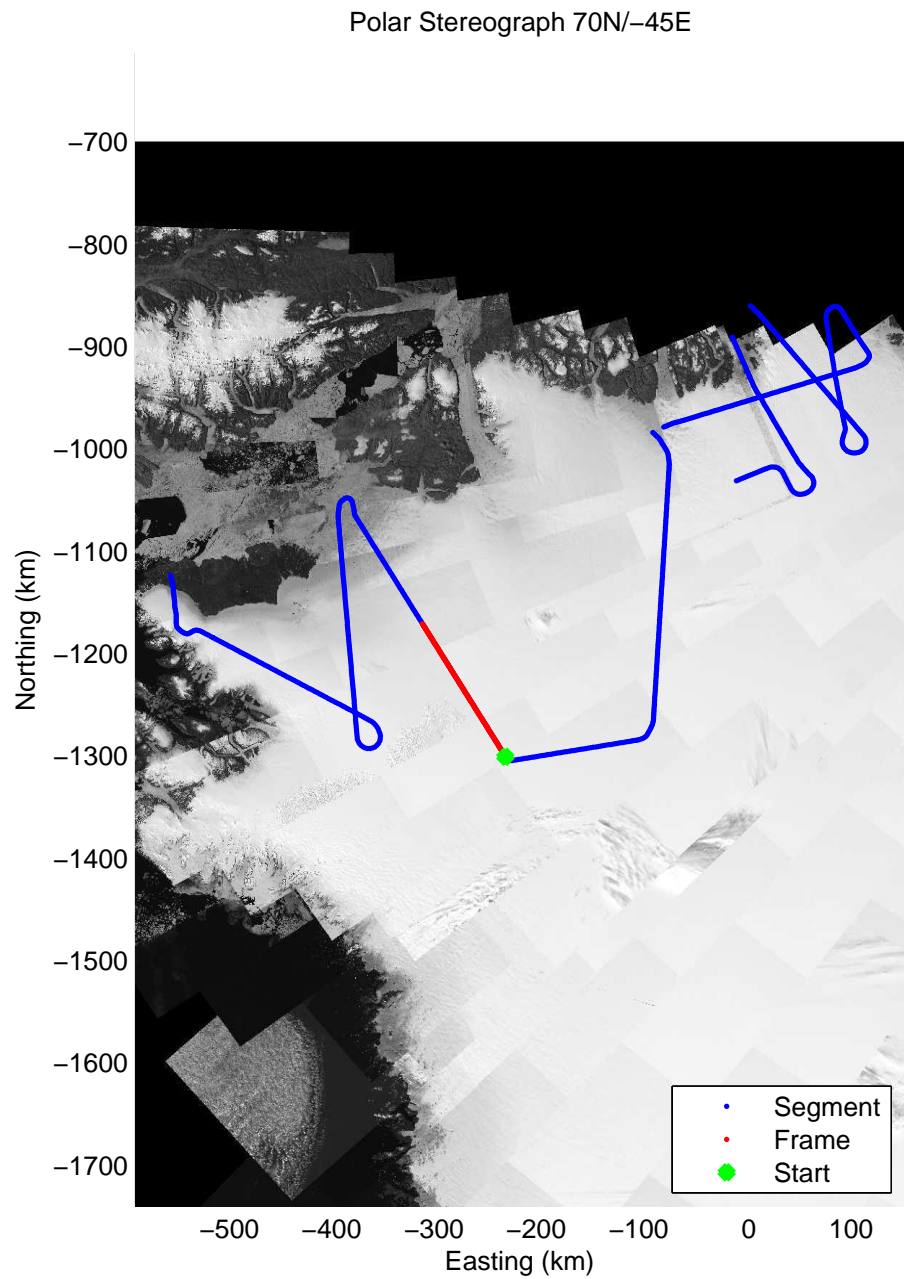
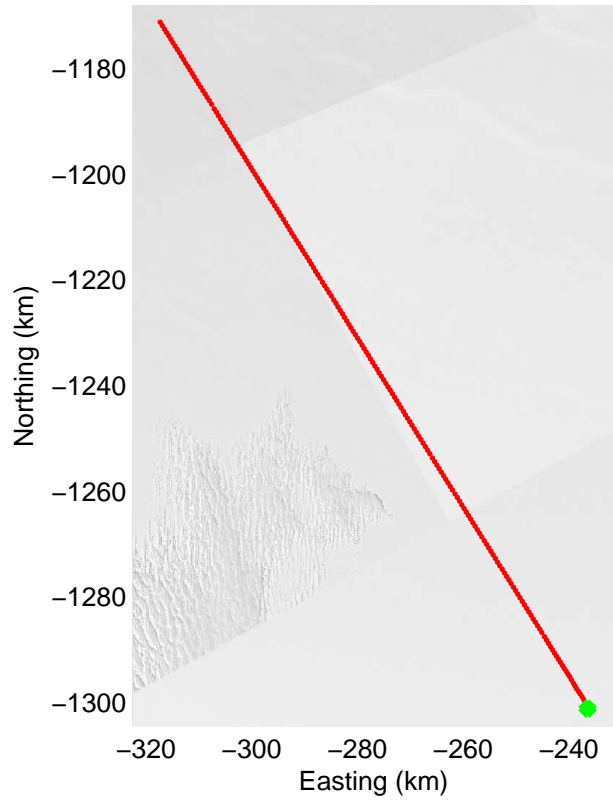
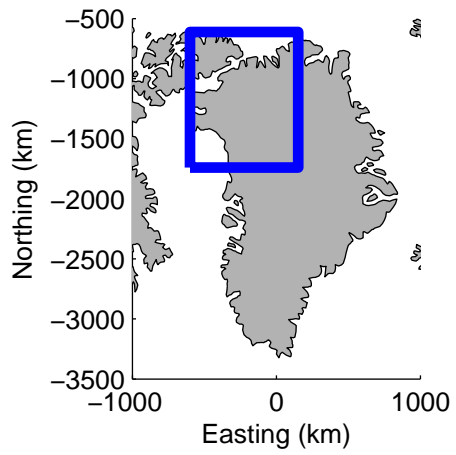


0.00 km	30.37 km	60.49 km	Distance	90.72 km	120.89 km	151.12 km
78.233 N	78.107 N	78.035 N	Latitude	77.958 N	77.875 N	77.832 N
49.345 W	50.428 W	51.685 W	Longitude	52.932 W	54.161 W	55.356 W

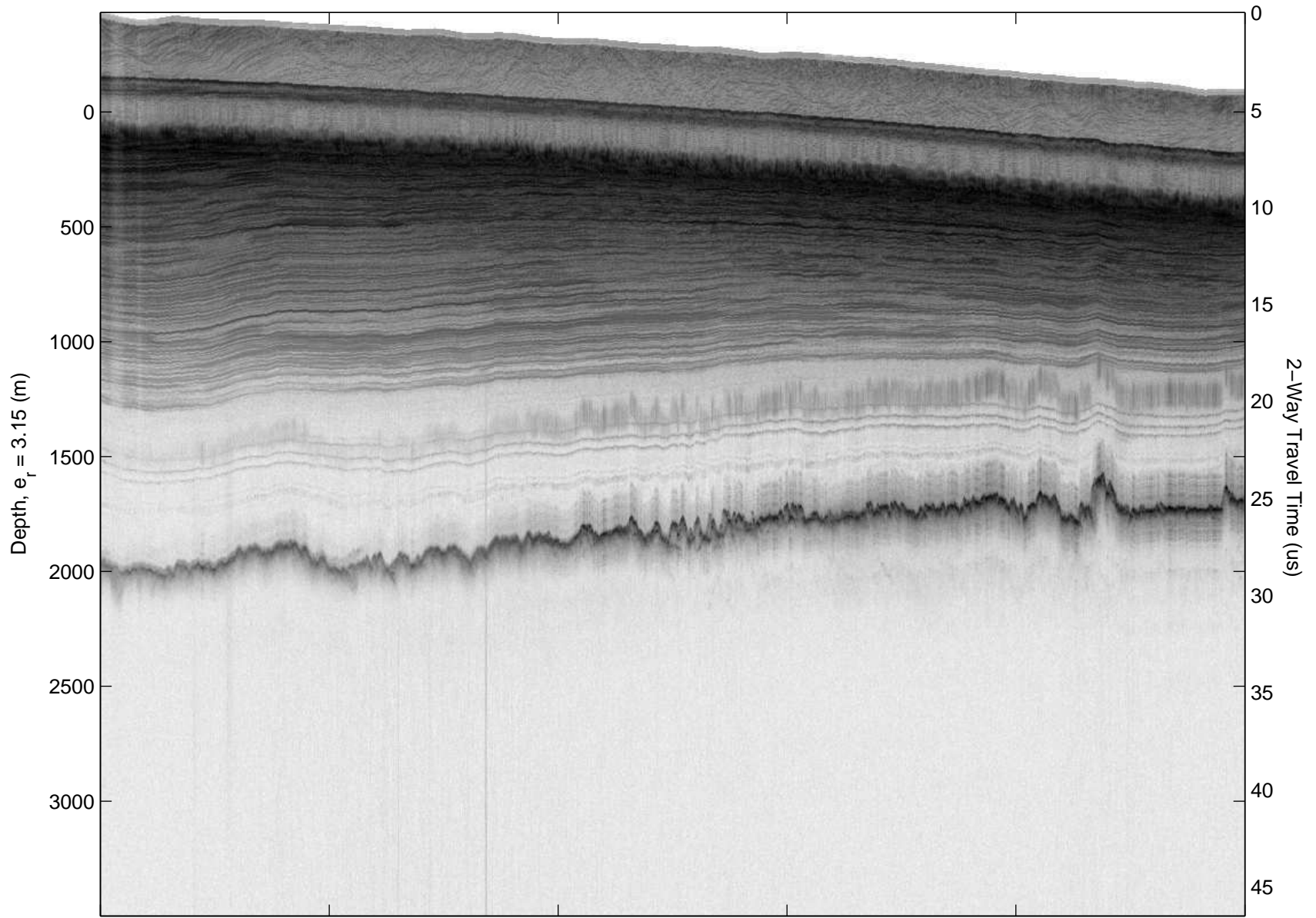
Data Frame ID: 19990517_01_010



0.00 km	30.37 km	60.49 km	Distance	90.72 km	120.89 km	151.12 km
78.233 N	78.107 N	78.035 N	Latitude	77.958 N	77.875 N	77.832 N
49.345 W	50.428 W	51.685 W	Longitude	52.932 W	54.161 W	55.356 W



Data Frame ID: 19990517_01_011



0.00 km
77.833 N
55.360 W

31.28 km
78.040 N
56.260 W

62.65 km
78.243 N
57.205 W

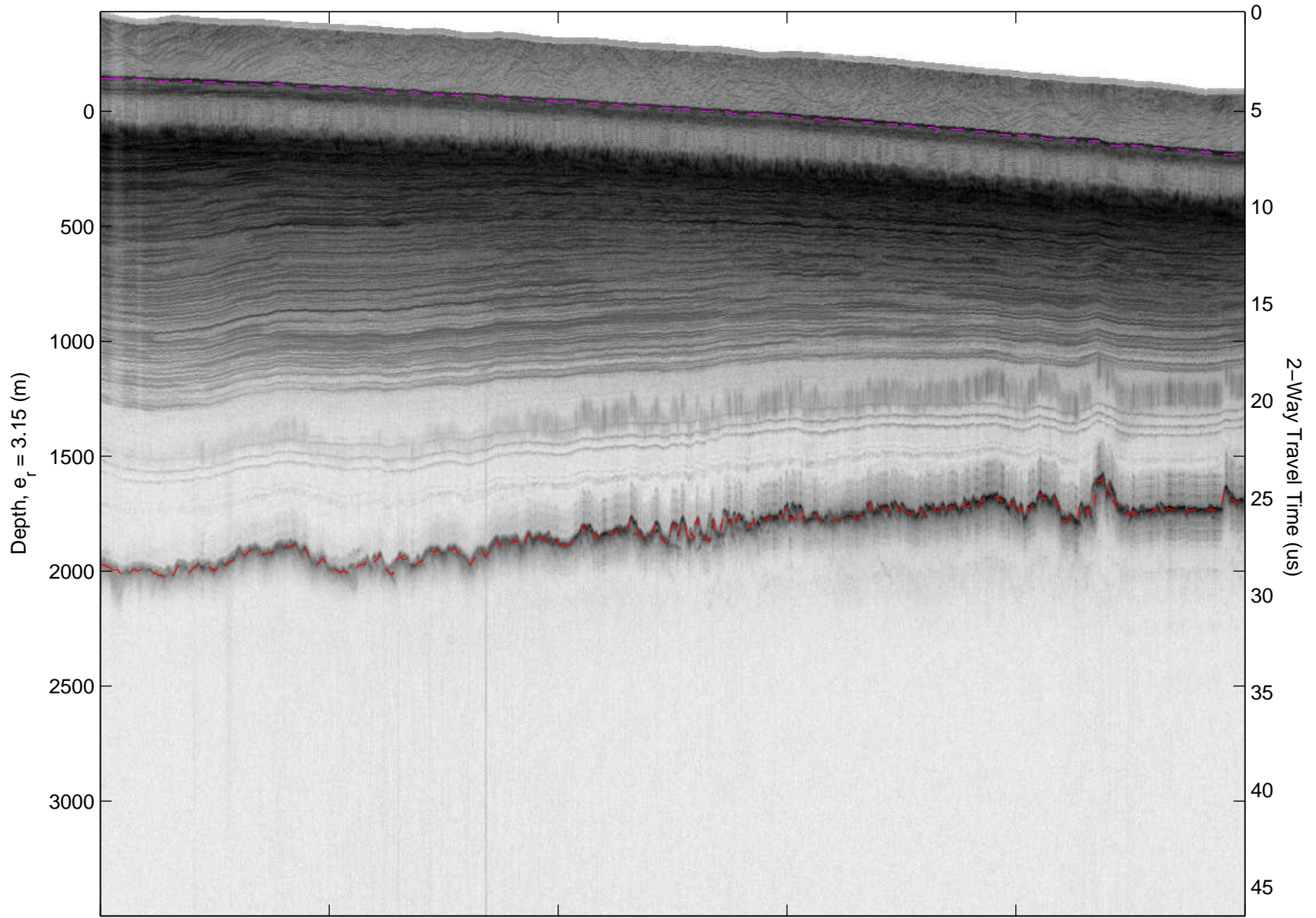
Distance
Latitude
Longitude

93.90 km
78.442 N
58.179 W

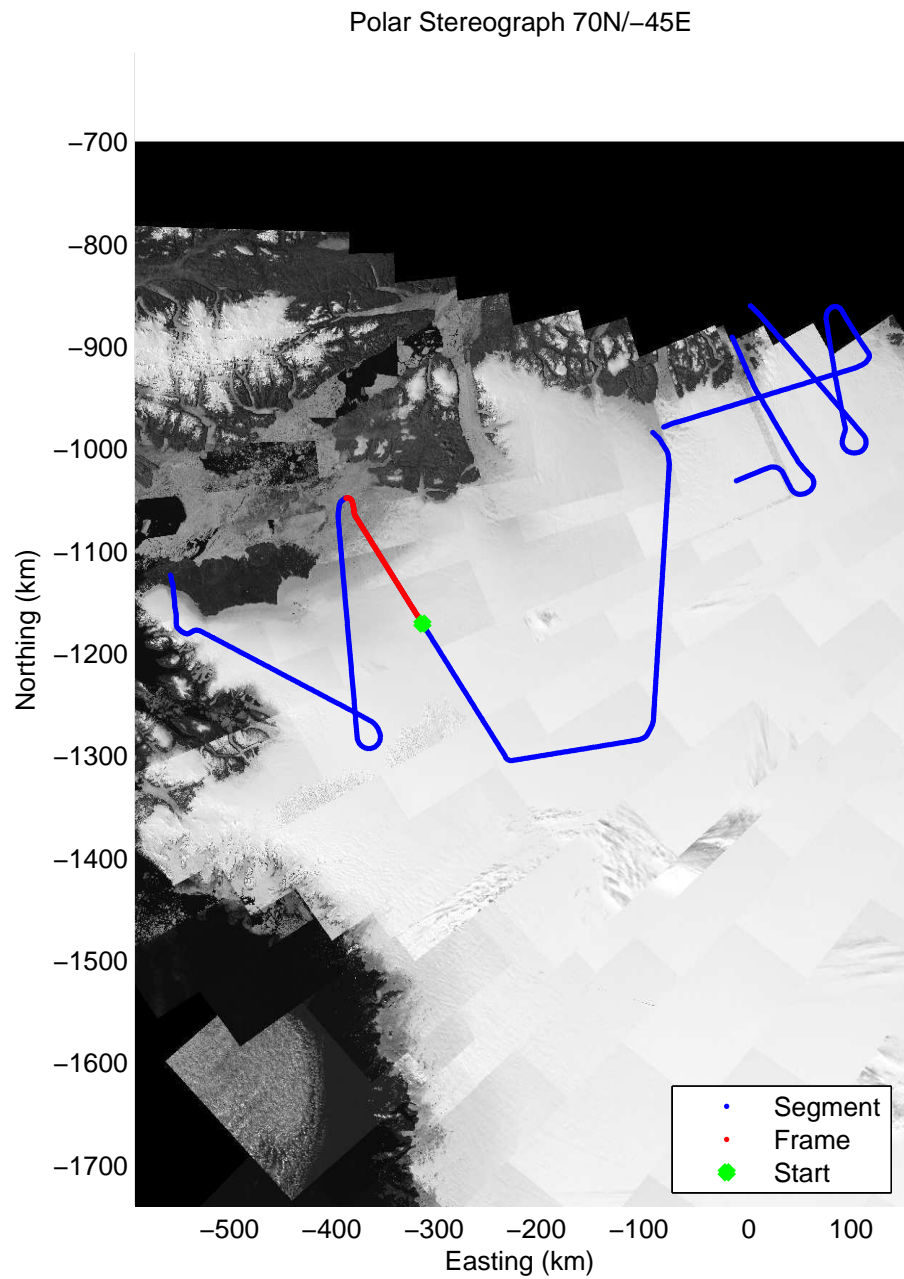
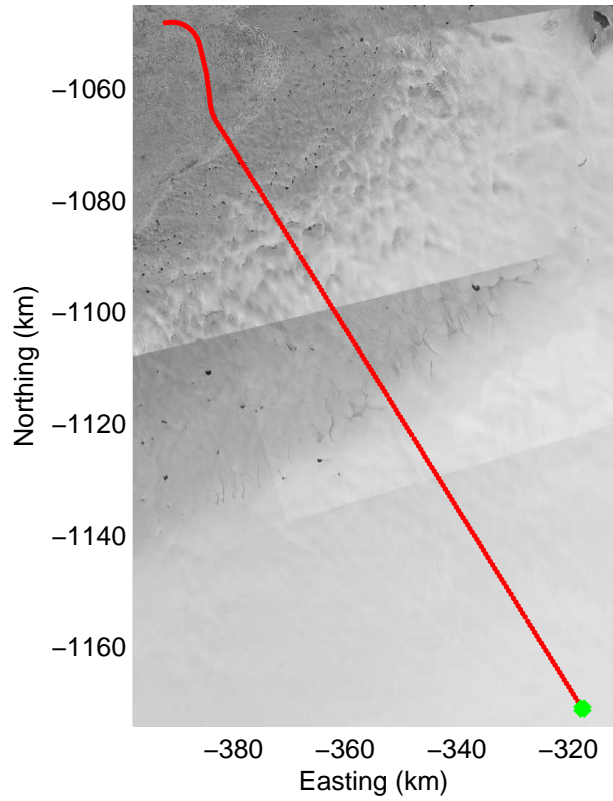
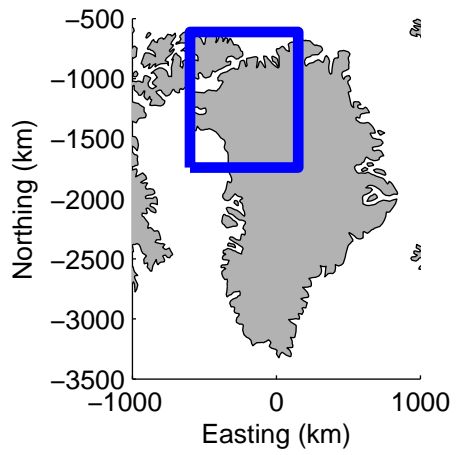
125.10 km
78.637 N
59.184 W

156.32 km
78.828 N
60.225 W

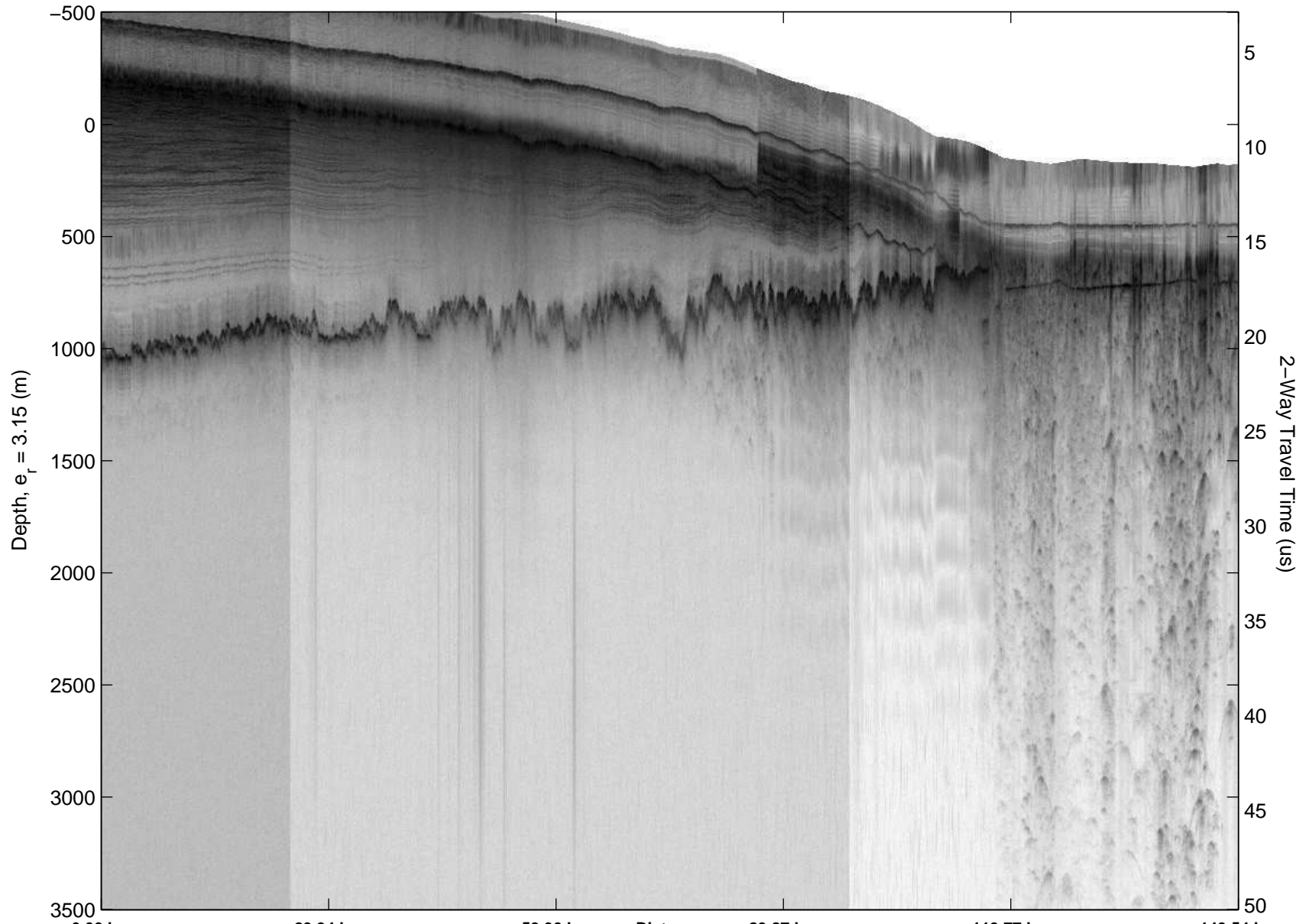
Data Frame ID: 19990517_01_011



0.00 km	31.28 km	62.65 km	Distance	93.90 km	125.10 km	156.32 km
77.833 N	78.040 N	78.243 N	Latitude	78.442 N	78.637 N	78.828 N
55.360 W	56.260 W	57.205 W	Longitude	58.179 W	59.184 W	60.225 W



Data Frame ID: 19990517_01_012



0.00 km
78.829 N
60.230 W

29.94 km
79.010 N
61.262 W

59.90 km
79.187 N
62.327 W

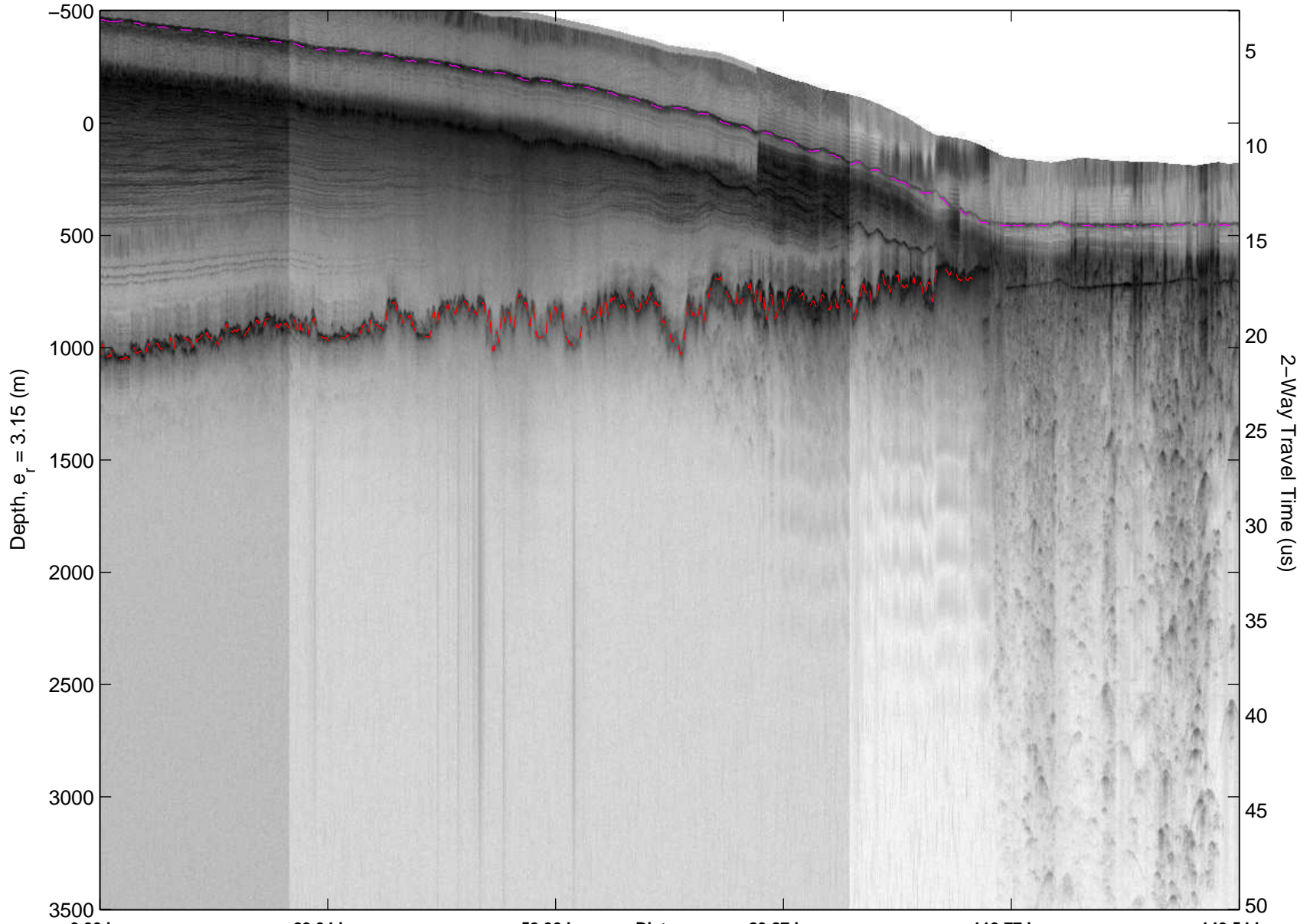
Distance
Latitude
Longitude

89.87 km
79.360 N
63.428 W

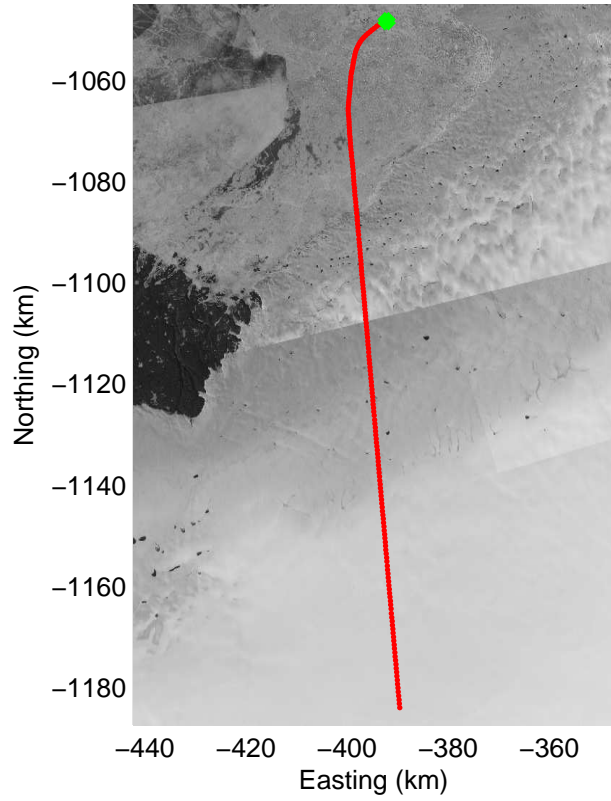
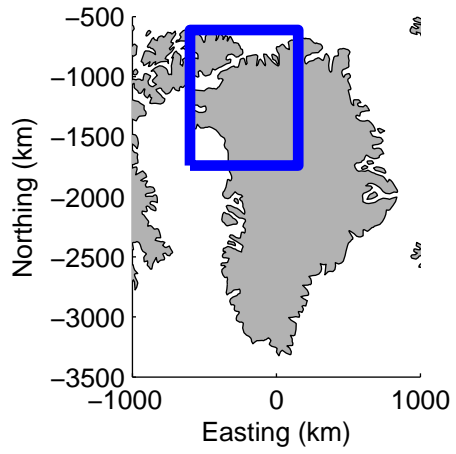
119.77 km
79.528 N
64.560 W

149.54 km
79.690 N
65.579 W

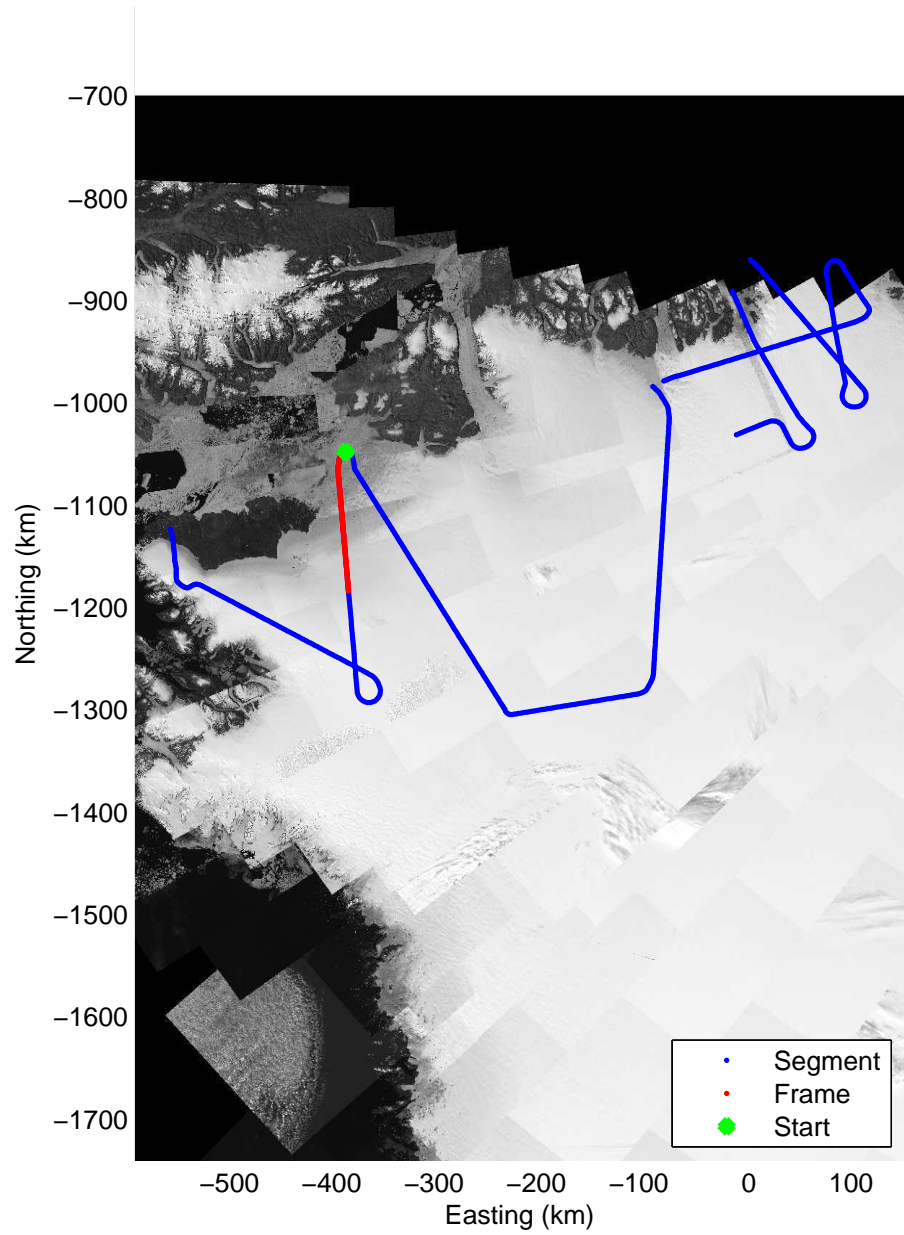
Data Frame ID: 19990517_01_012



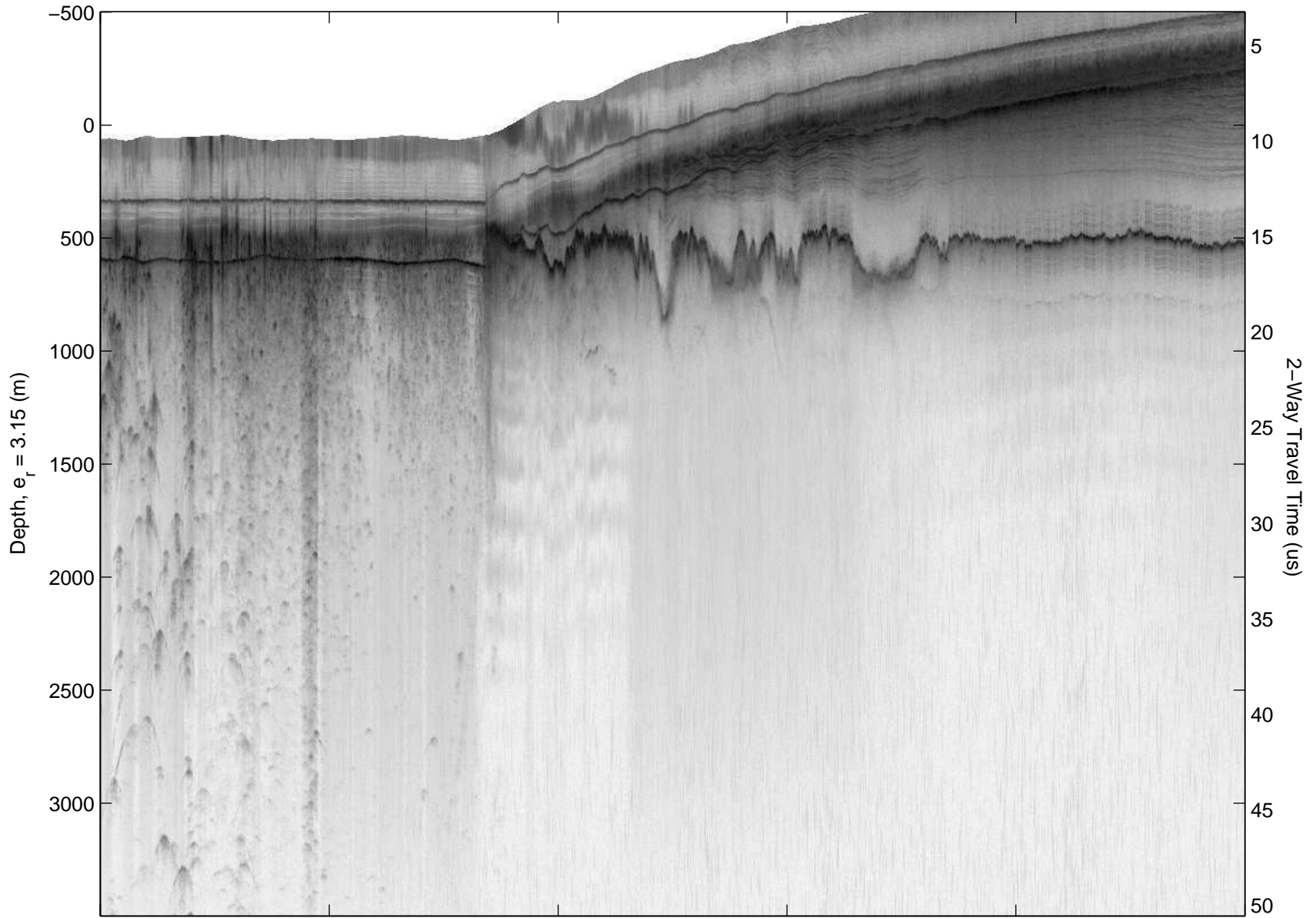
0.00 km	29.94 km	59.90 km	Distance	89.87 km	119.77 km	149.54 km
78.829 N	79.010 N	79.187 N	Latitude	79.360 N	79.528 N	79.690 N
60.230 W	61.262 W	62.327 W	Longitude	63.428 W	64.560 W	65.579 W



Polar Stereograph 70N/-45E



Data Frame ID: 19990517_01_013



0.00 km
79.690 N
65.583 W

28.48 km
79.454 N
65.480 W

56.97 km
79.223 N
64.893 W

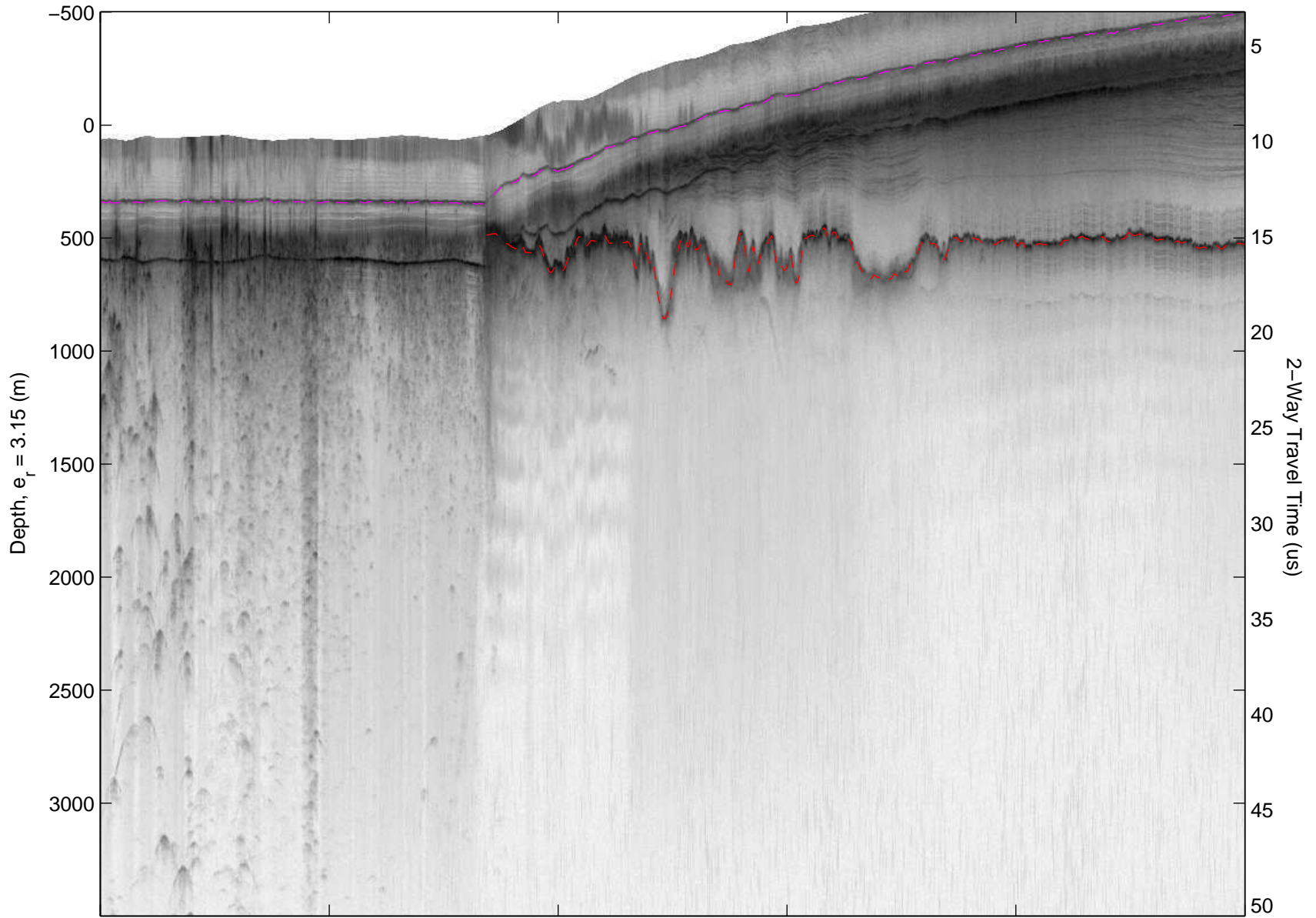
Distance
Latitude
Longitude

85.45 km
78.991 N
64.331 W

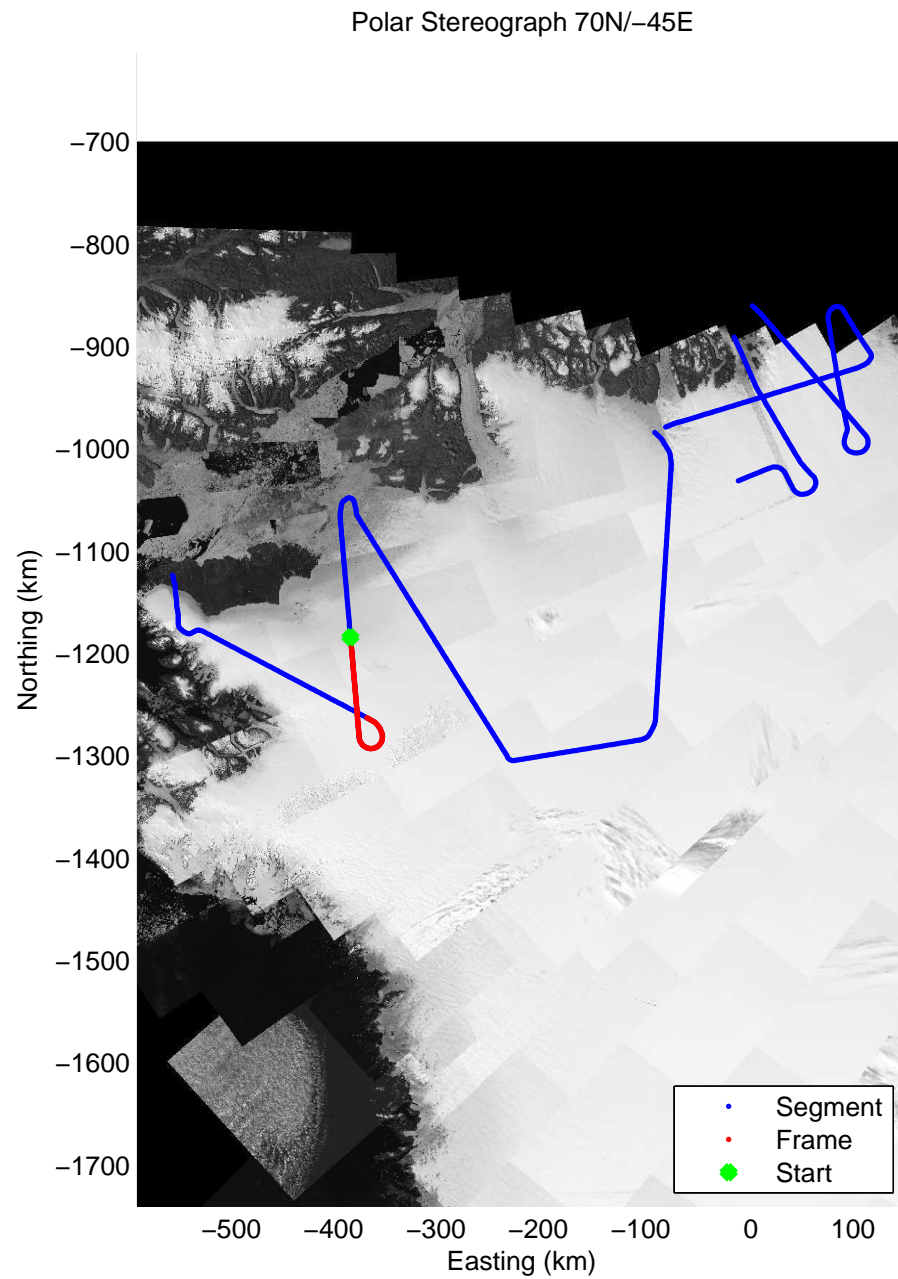
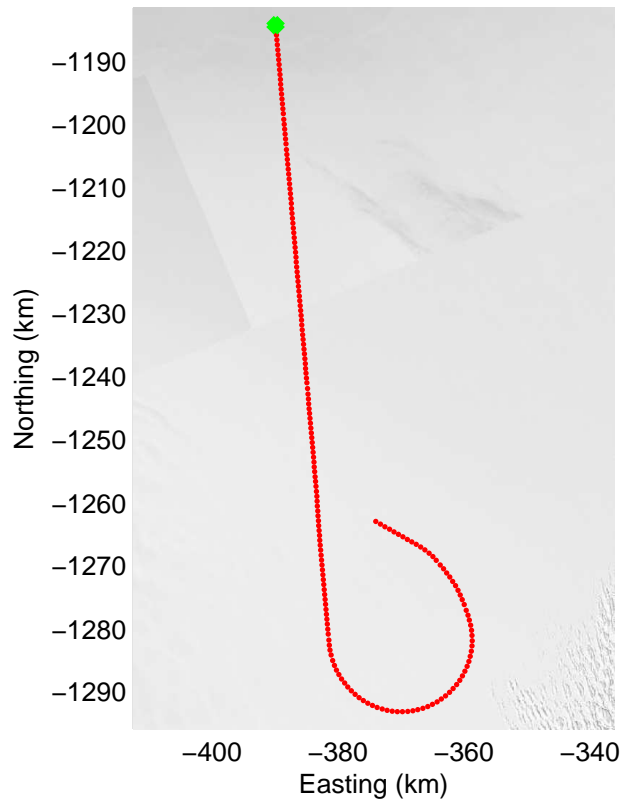
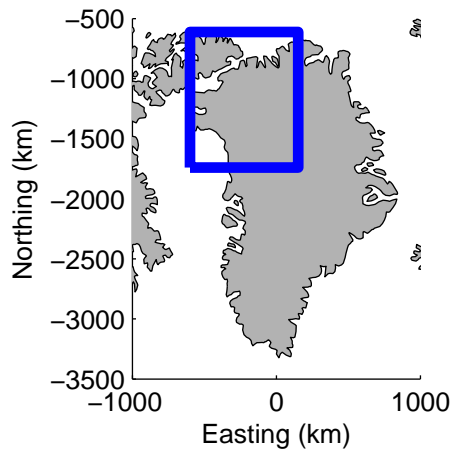
113.86 km
78.759 N
63.795 W

142.30 km
78.526 N
63.279 W

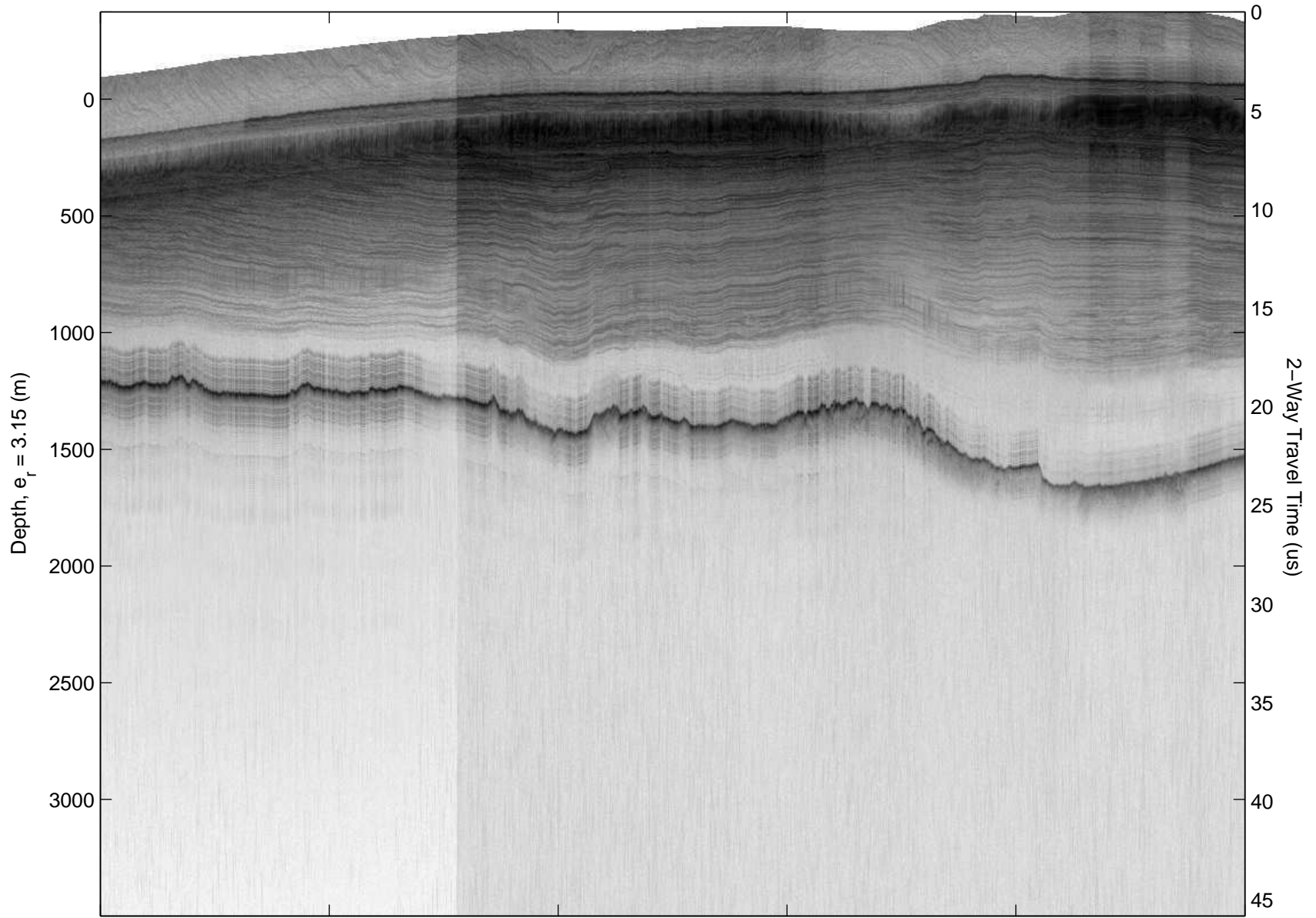
Data Frame ID: 19990517_01_013



0.00 km	28.48 km	56.97 km	Distance	85.45 km	113.86 km	142.30 km
79.690 N	79.454 N	79.223 N	Latitude	78.991 N	78.759 N	78.526 N
65.583 W	65.480 W	64.893 W	Longitude	64.331 W	63.795 W	63.279 W



Data Frame ID: 19990517_01_014



0.00 km
78.524 N
63.276 W

32.52 km
78.256 N
62.711 W

65.04 km
77.987 N
62.171 W

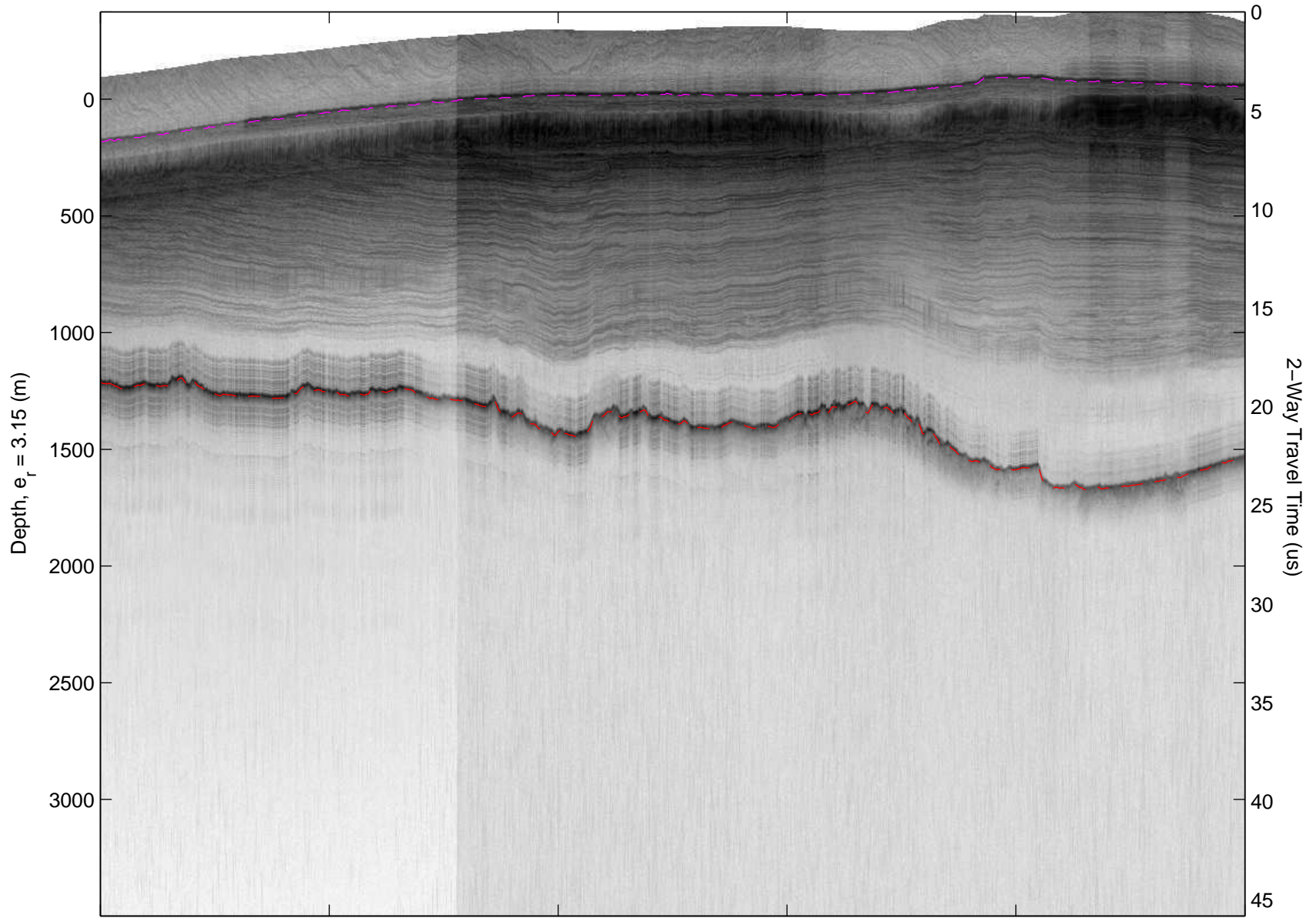
Distance
Latitude
Longitude

97.54 km
77.717 N
61.659 W

130.00 km
77.700 N
60.683 W

162.38 km
77.881 N
61.545 W

Data Frame ID: 19990517_01_014



0.00 km
78.524 N
63.276 W

32.52 km
78.256 N
62.711 W

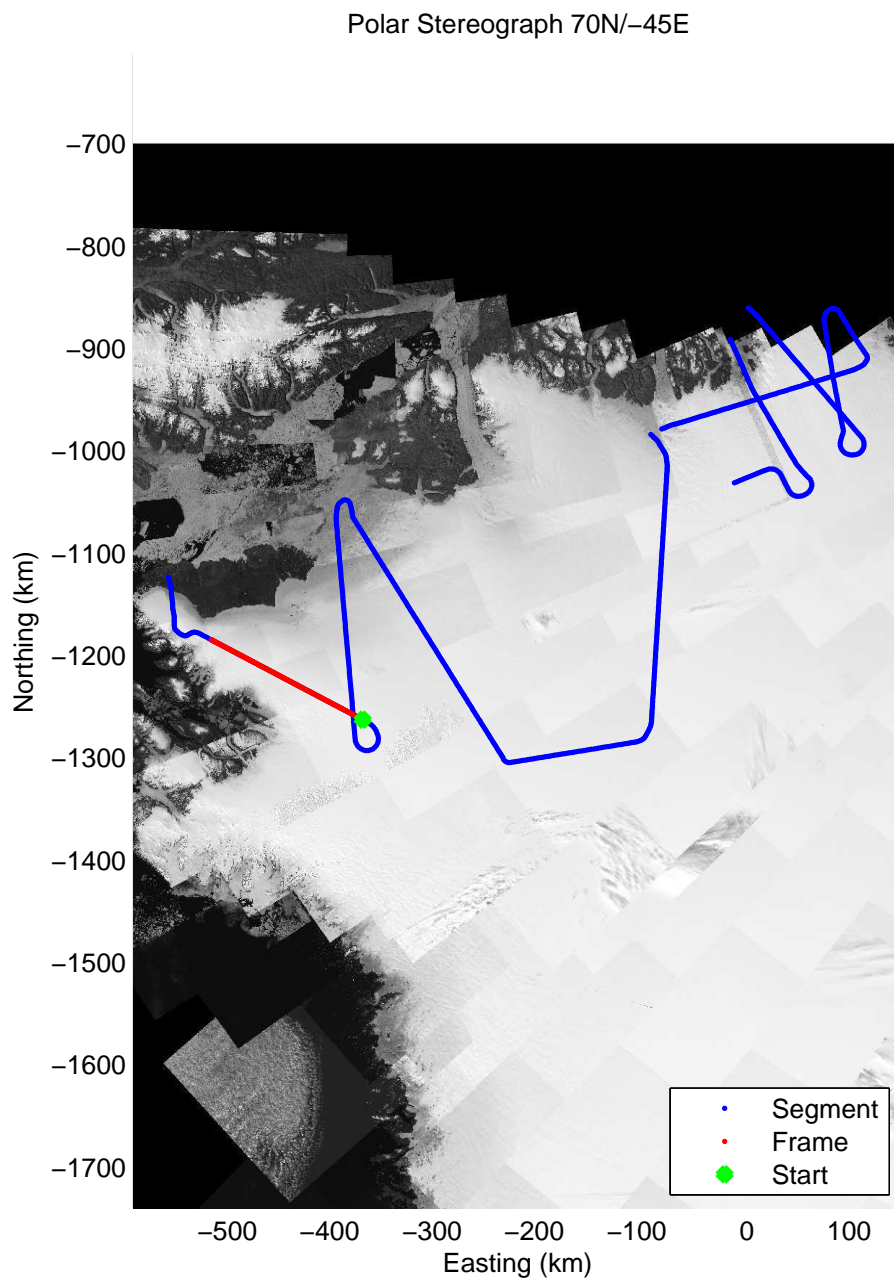
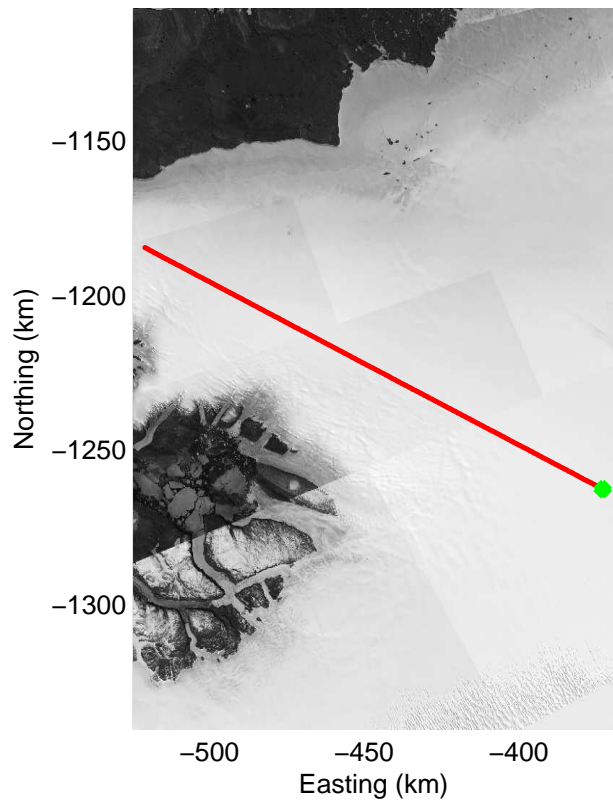
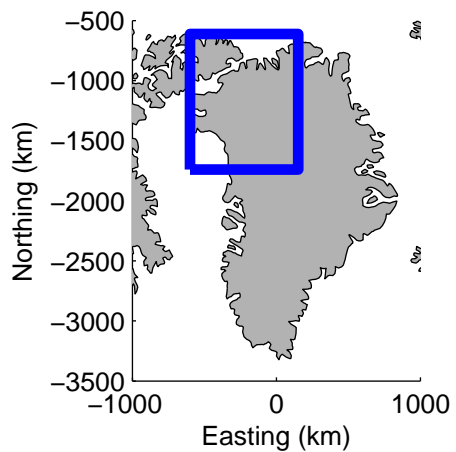
65.04 km
77.987 N
62.171 W

Distance
Latitude
Longitude

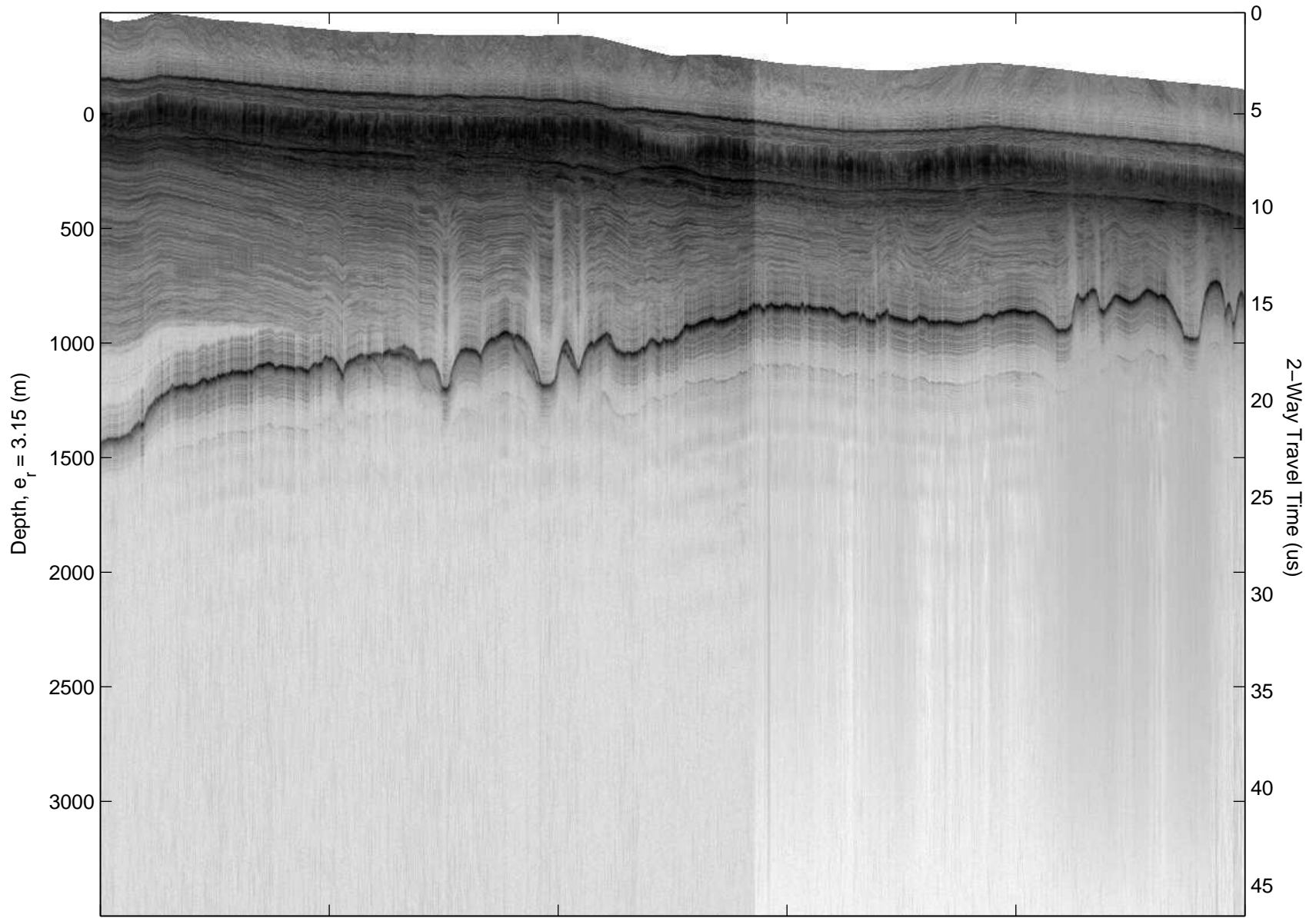
97.54 km
77.717 N
61.659 W

130.00 km
77.700 N
60.683 W

162.38 km
77.881 N
61.545 W



Data Frame ID: 19990517_01_015



0.00 km
77.881 N
61.552 W

34.17 km
77.937 N
62.987 W

68.45 km
77.986 N
64.440 W

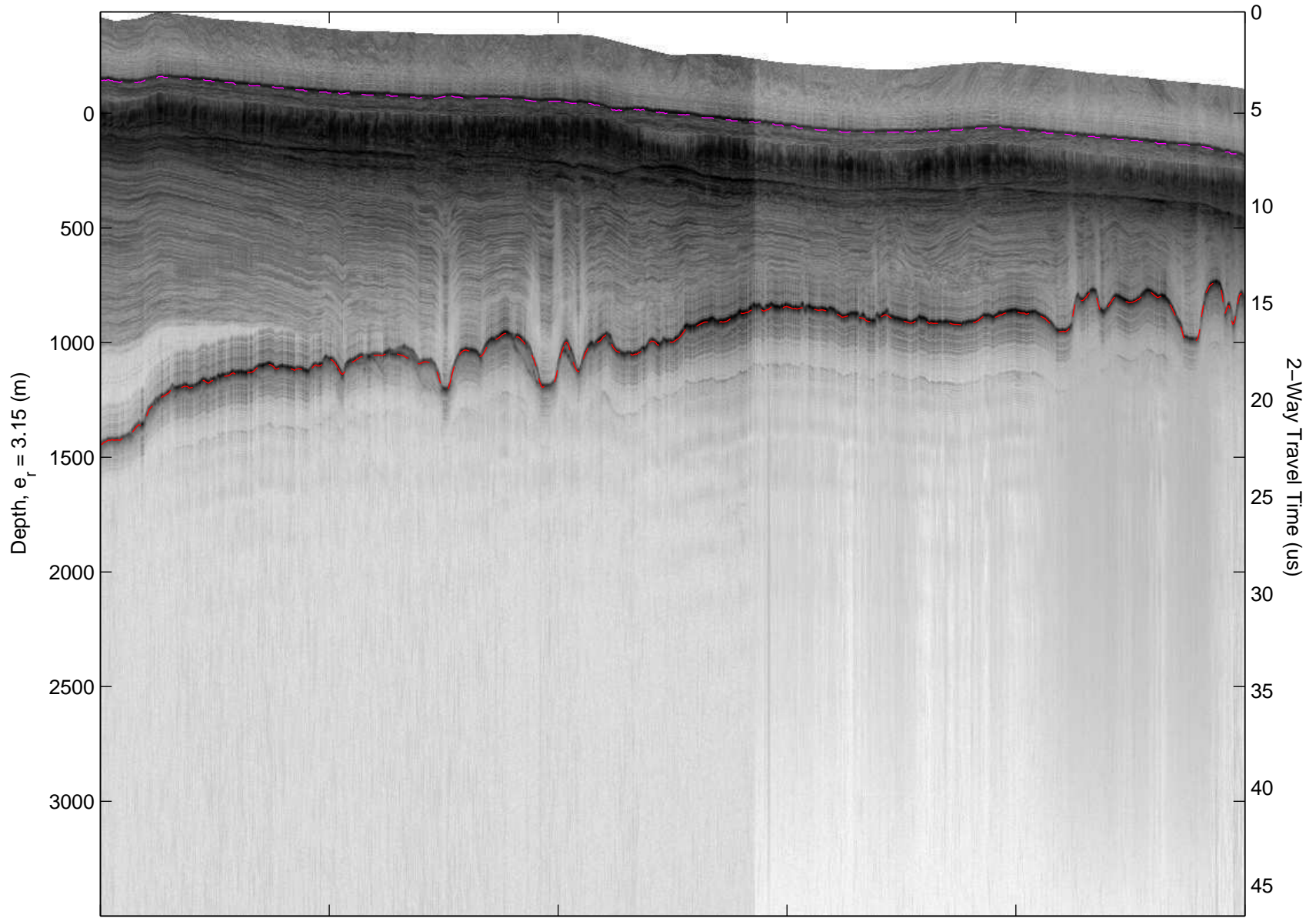
Distance
Latitude
Longitude

102.57 km
78.026 N
65.896 W

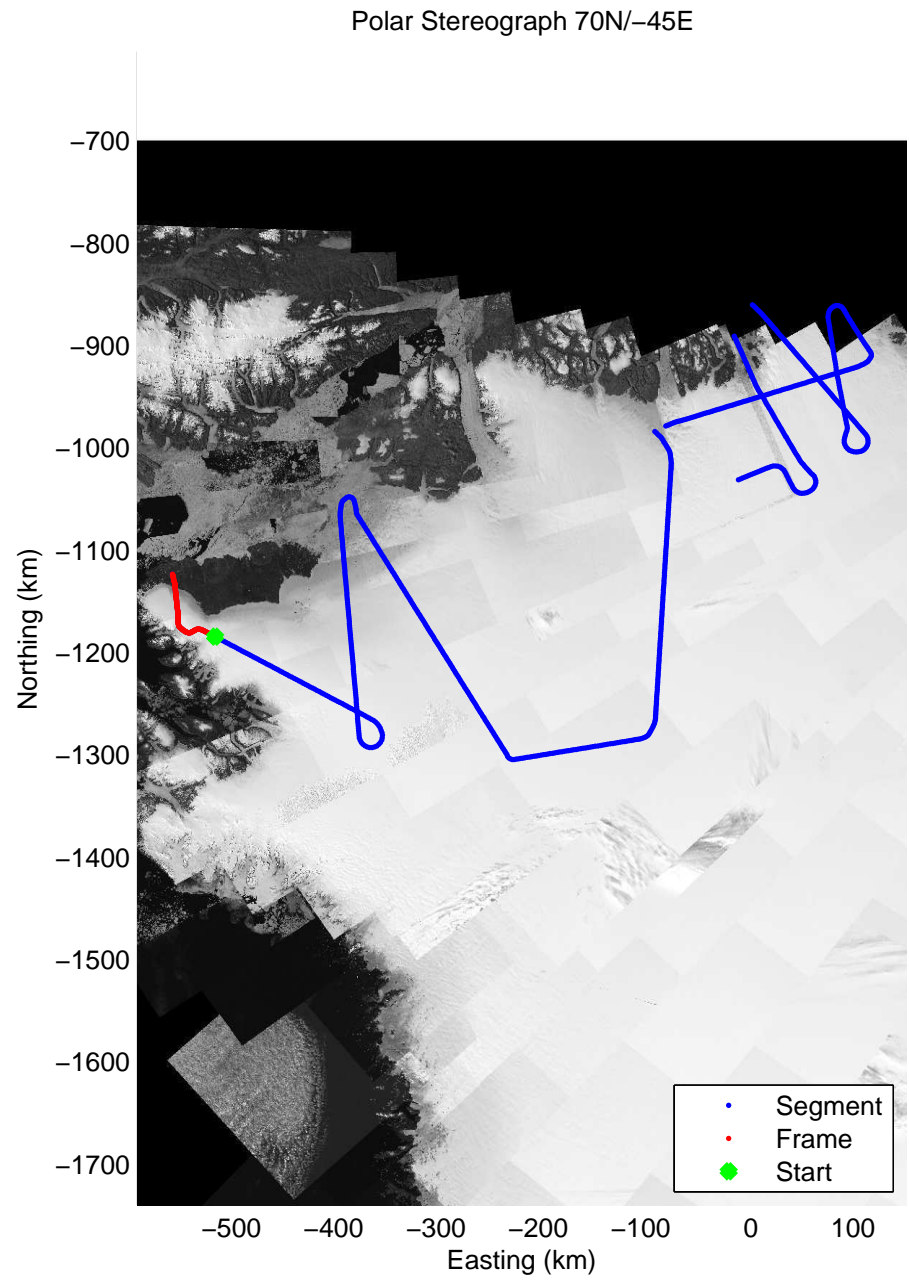
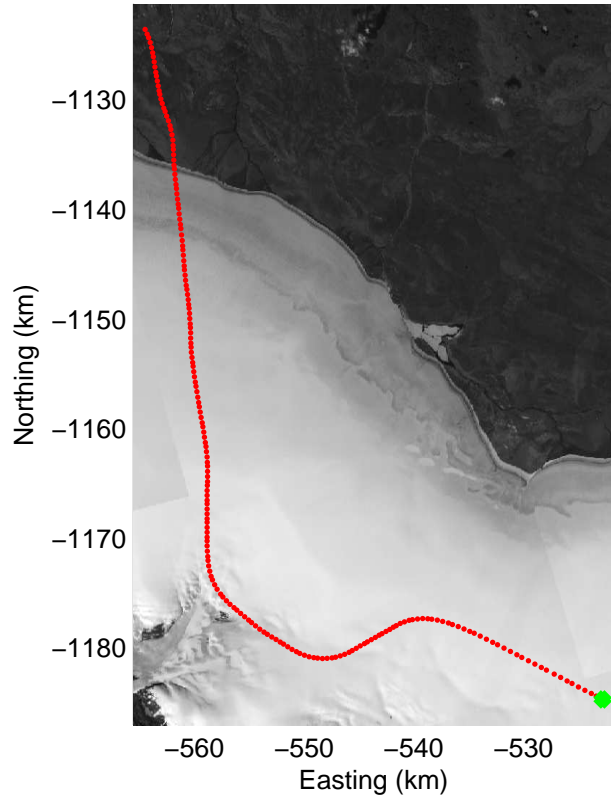
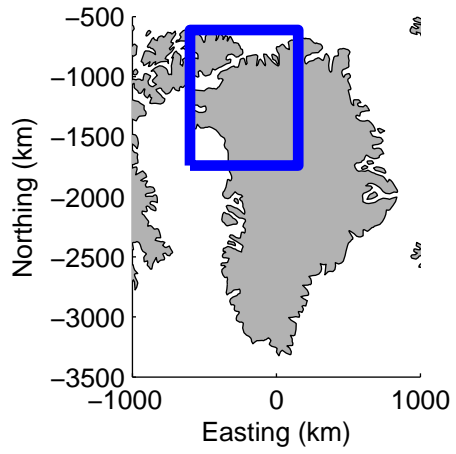
136.62 km
78.059 N
67.358 W

170.74 km
78.085 N
68.831 W

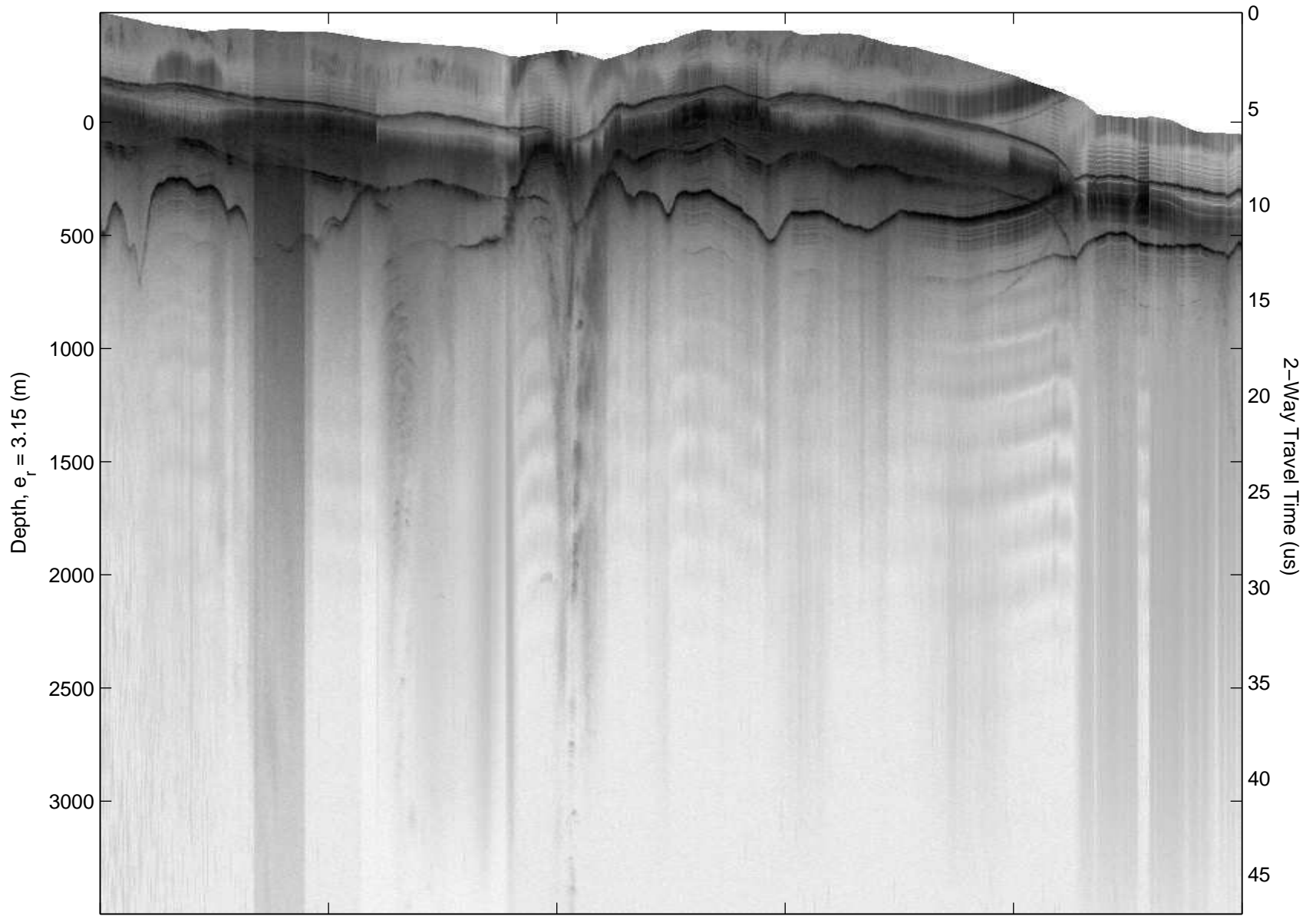
Data Frame ID: 19990517_01_015



0.00 km	34.17 km	68.45 km	Distance	102.57 km	136.62 km	170.74 km
77.881 N	77.937 N	77.986 N	Latitude	78.026 N	78.059 N	78.085 N
61.552 W	62.987 W	64.440 W	Longitude	65.896 W	67.358 W	68.831 W



Data Frame ID: 19990517_01_016



0.00 km
78.085 N
68.838 W

18.73 km
78.084 N
69.644 W

37.50 km
78.025 N
70.307 W

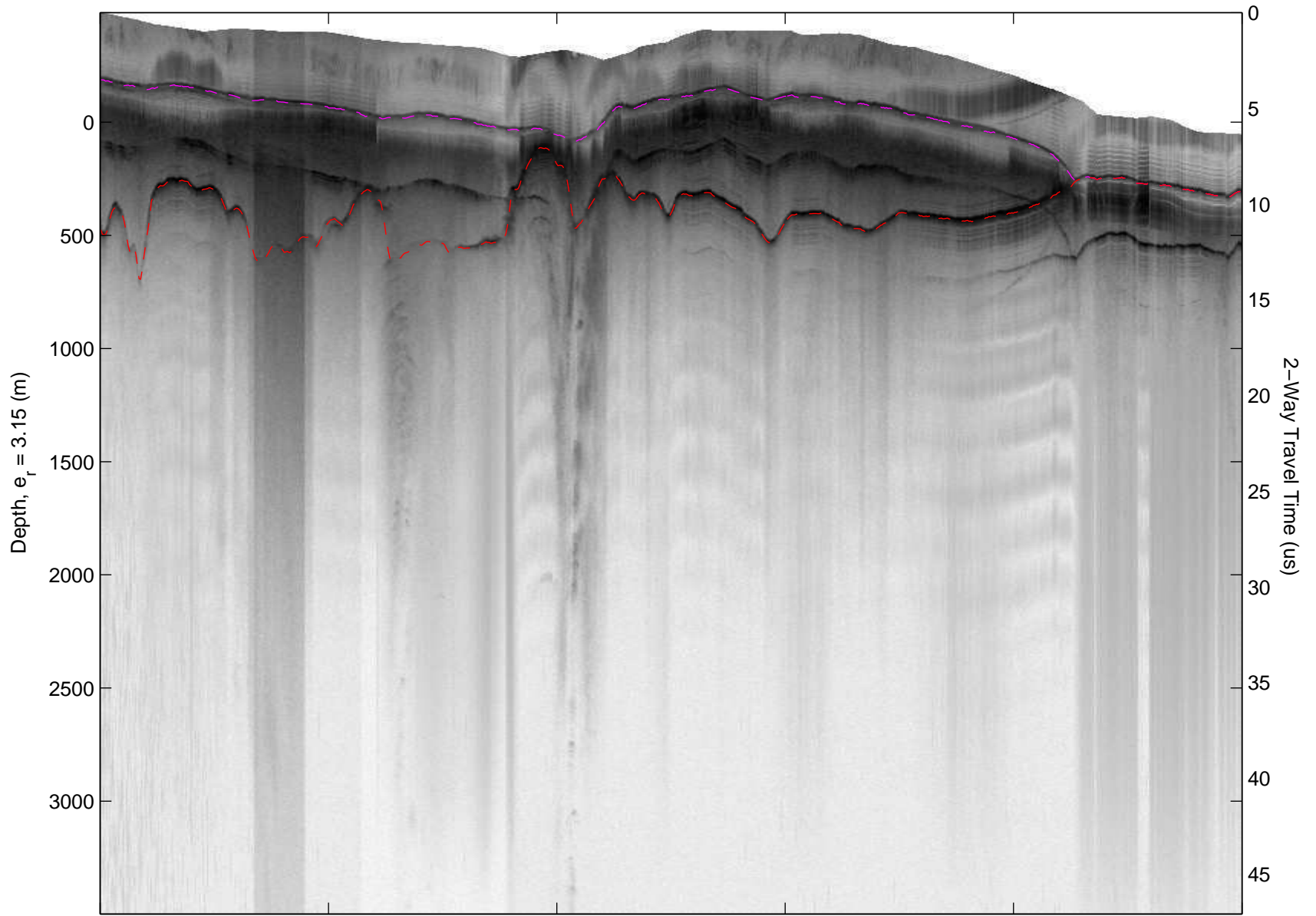
Distance
Latitude
Longitude

56.24 km
78.153 N
70.776 W

74.97 km
78.295 N
71.213 W

93.56 km
78.427 N
71.703 W

Data Frame ID: 19990517_01_016



0.00 km
78.085 N
68.838 W

18.73 km
78.084 N
69.644 W

37.50 km
78.025 N
70.307 W

Distance
Latitude
Longitude

56.24 km
78.153 N
70.776 W

74.97 km
78.295 N
71.213 W

93.56 km
78.427 N
71.703 W