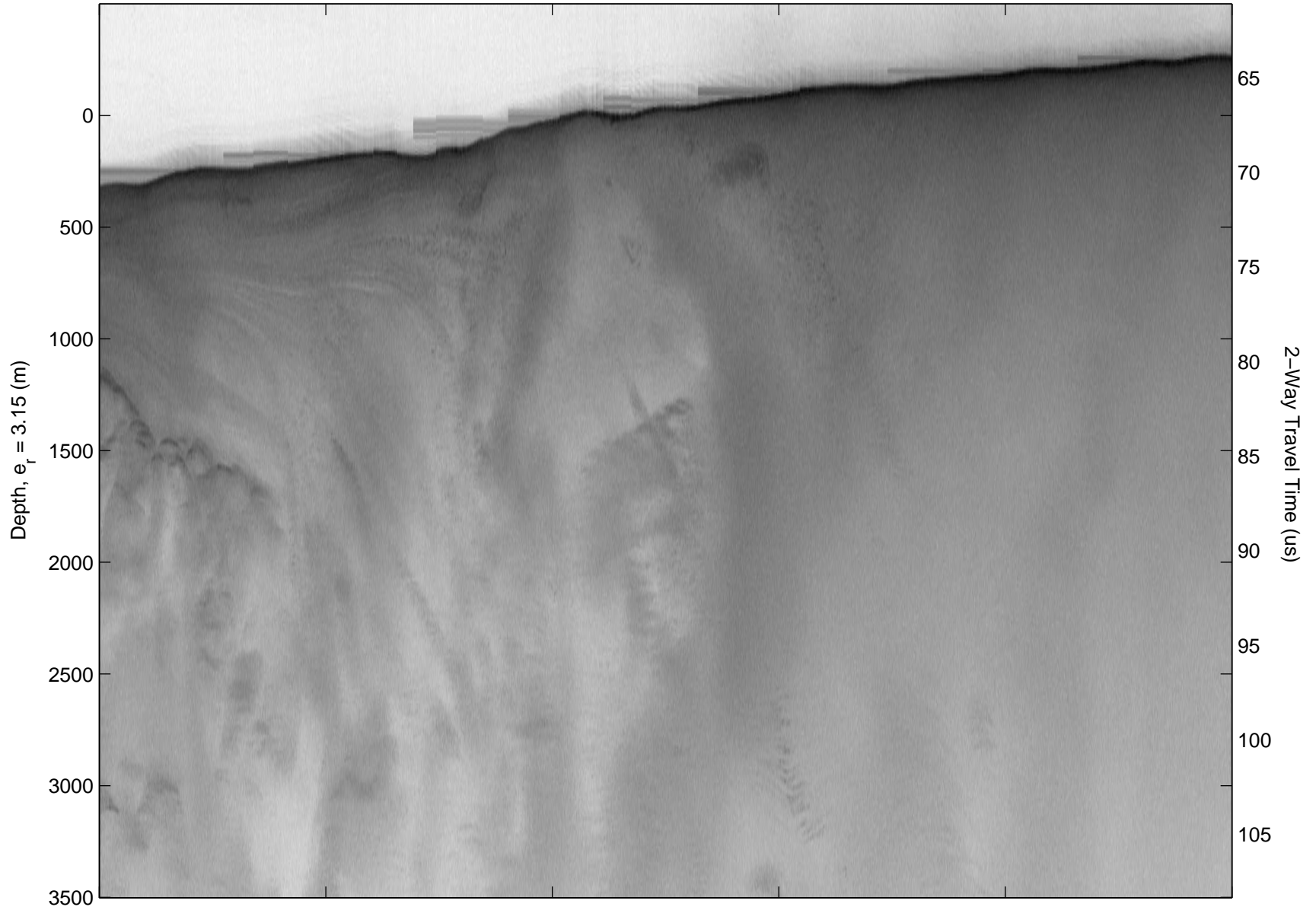
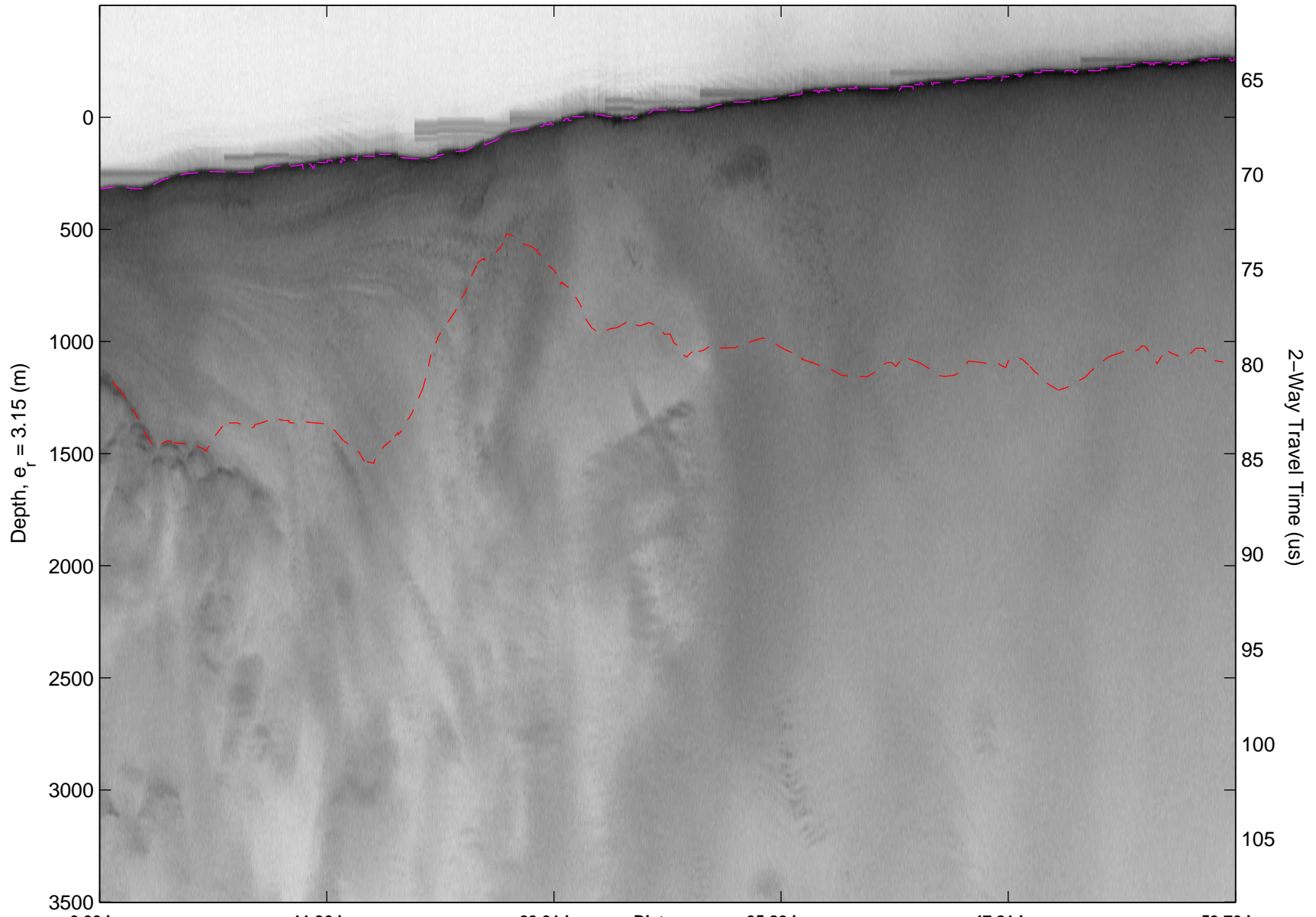


Data Frame ID: 20100409_02_001

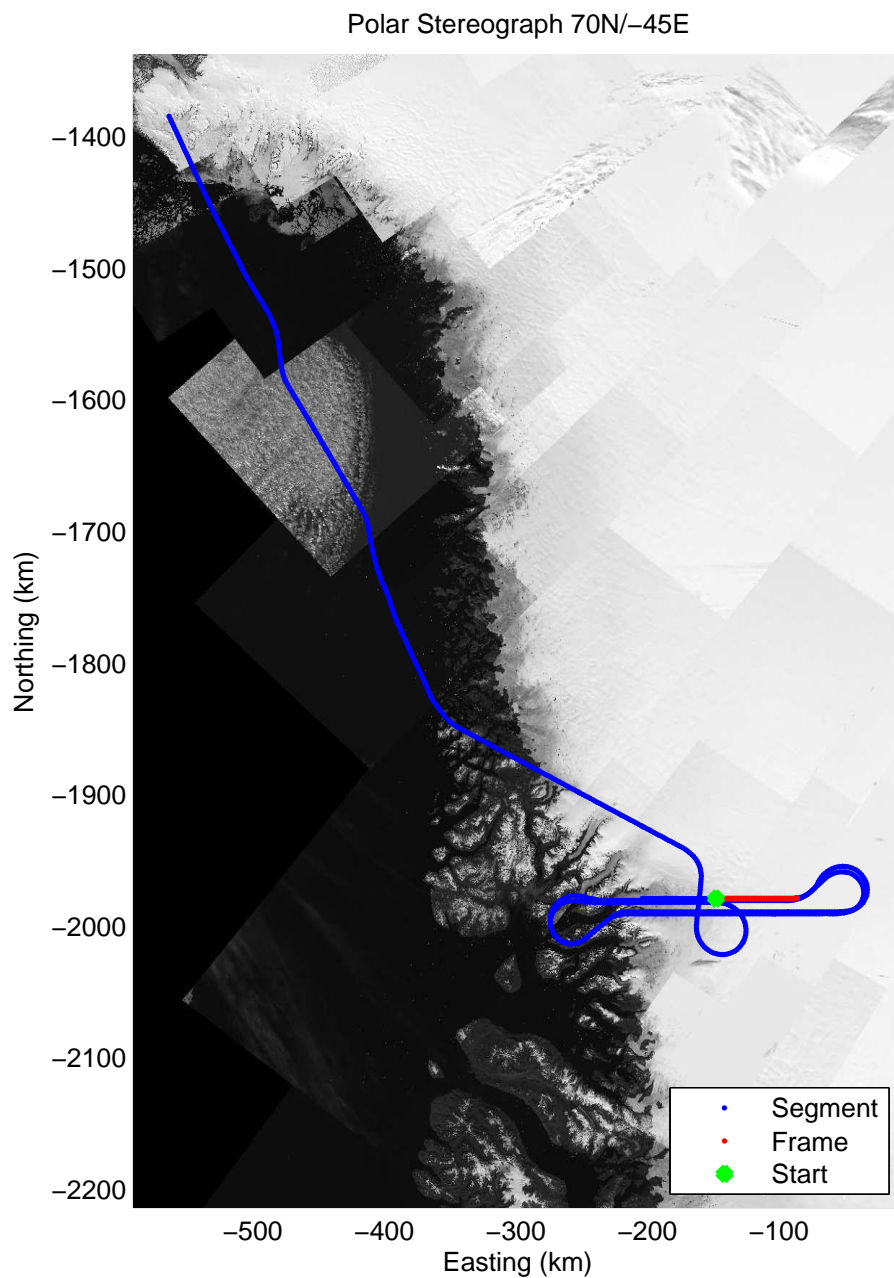
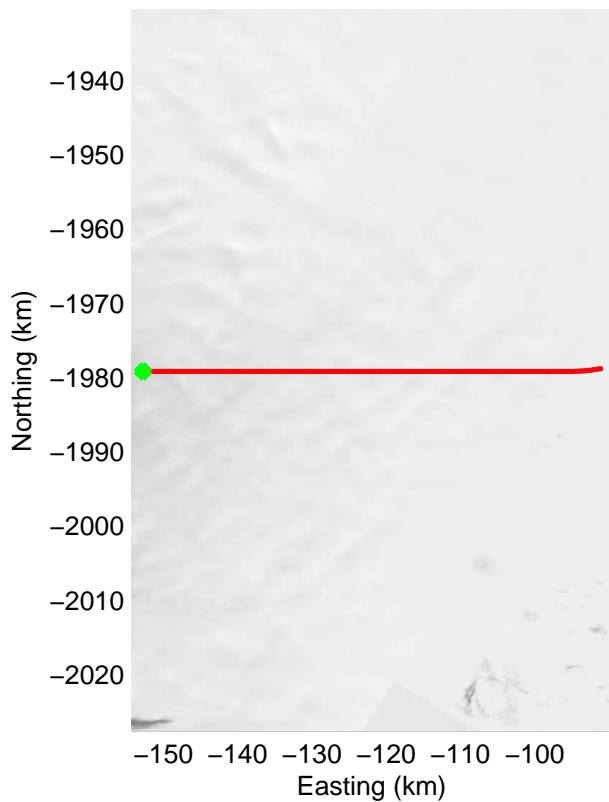
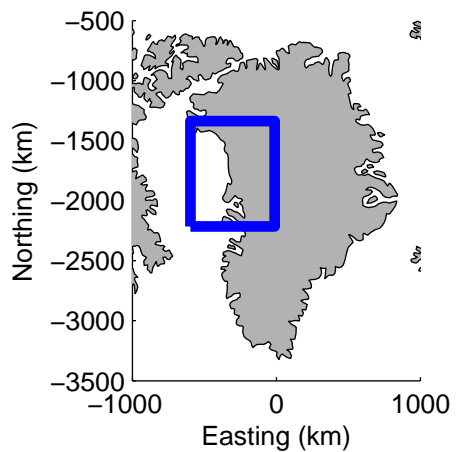


0.00 km	11.96 km	23.91 km	Distance	35.86 km	47.81 km	59.76 km
71.774 N	71.785 N	71.796 N	Latitude	71.806 N	71.815 N	71.823 N
51.087 W	50.747 W	50.407 W	Longitude	50.067 W	49.727 W	49.385 W

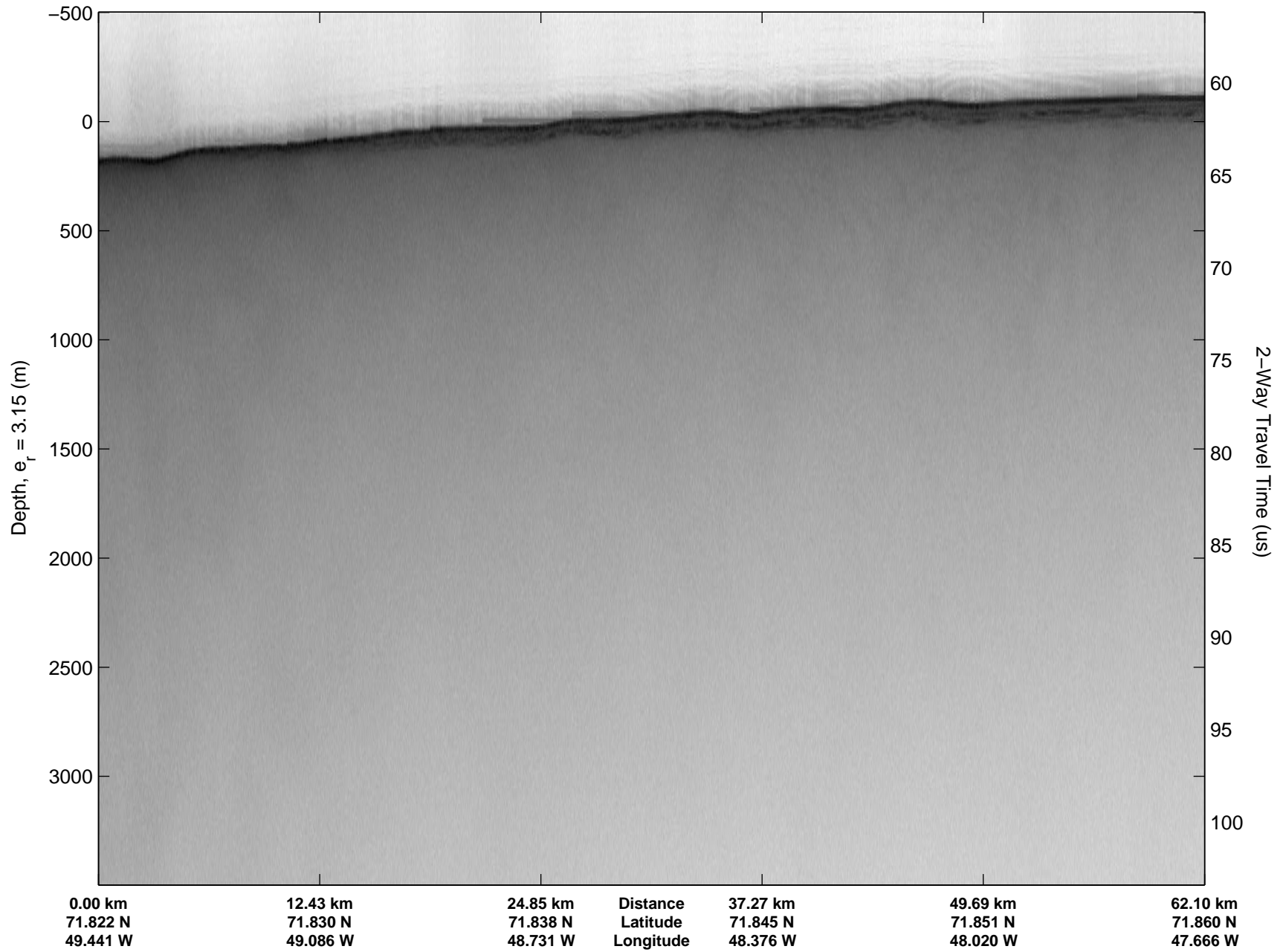
Data Frame ID: 20100409_02_001



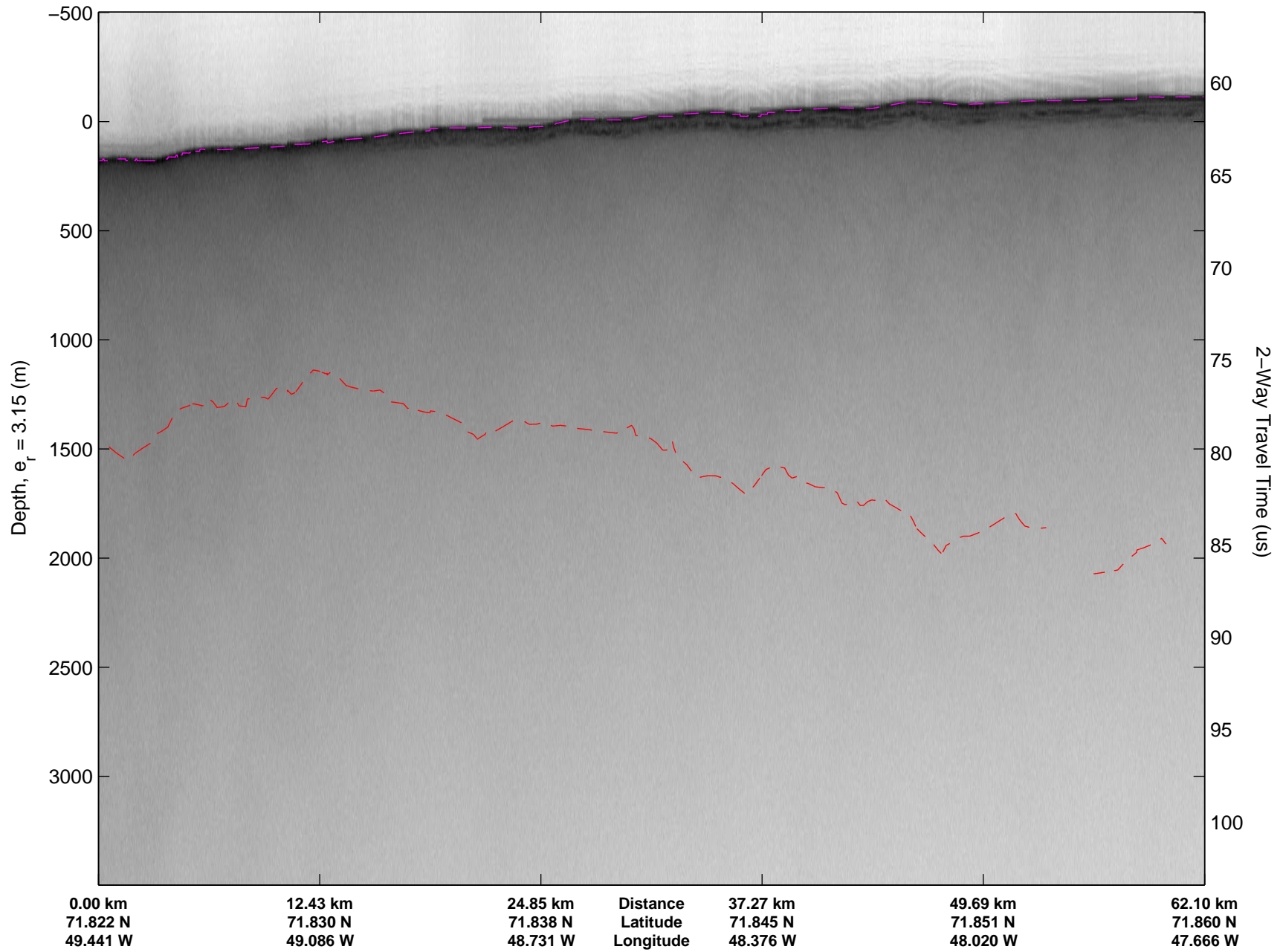
0.00 km	11.96 km	23.91 km	Distance	35.86 km	47.81 km	59.76 km
71.774 N	71.785 N	71.796 N	Latitude	71.806 N	71.815 N	71.823 N
51.087 W	50.747 W	50.407 W	Longitude	50.067 W	49.727 W	49.385 W

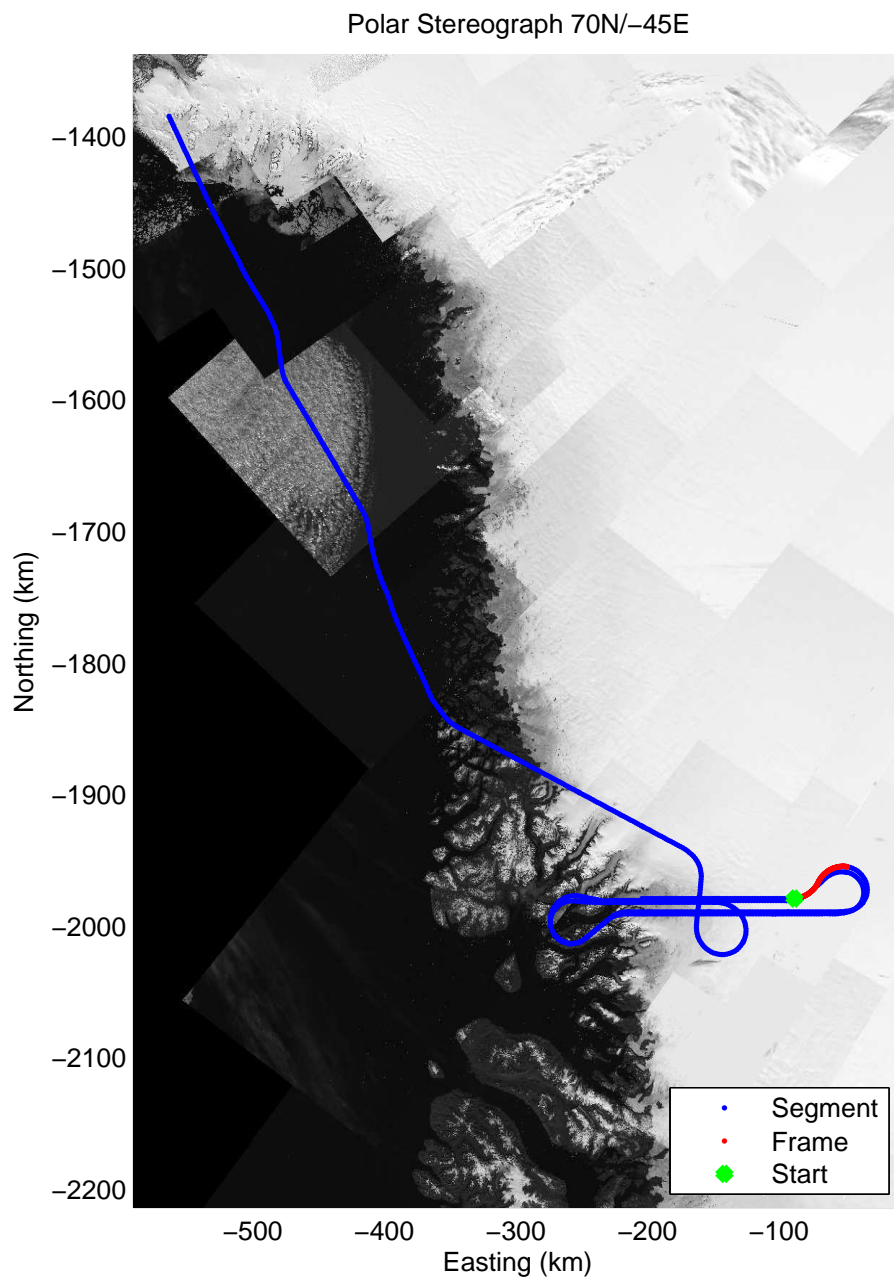
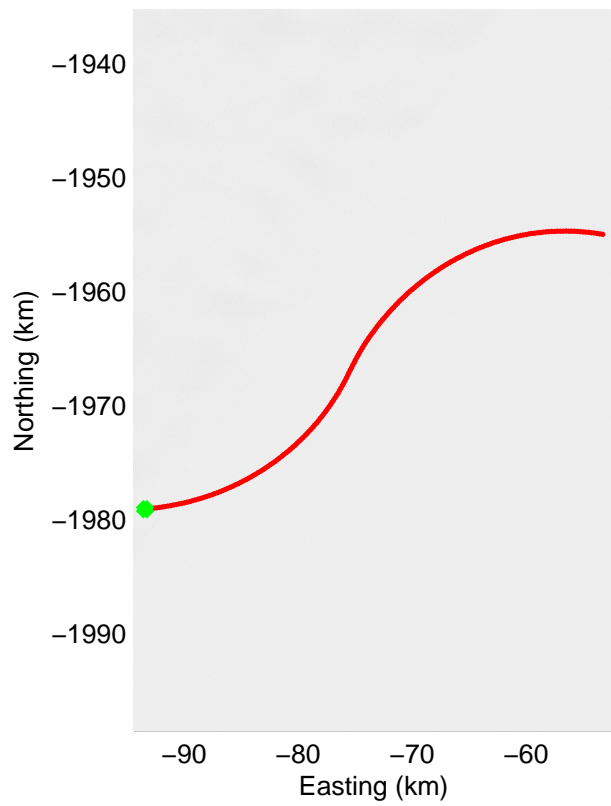
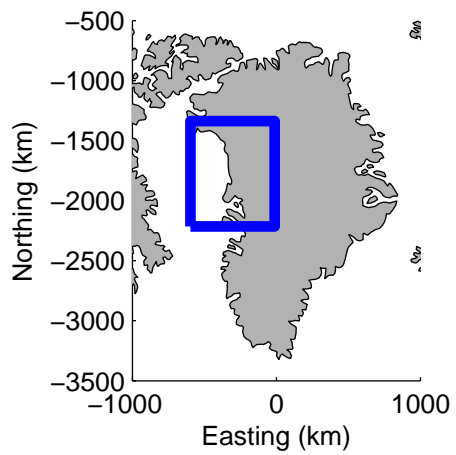


Data Frame ID: 20100409_02_002

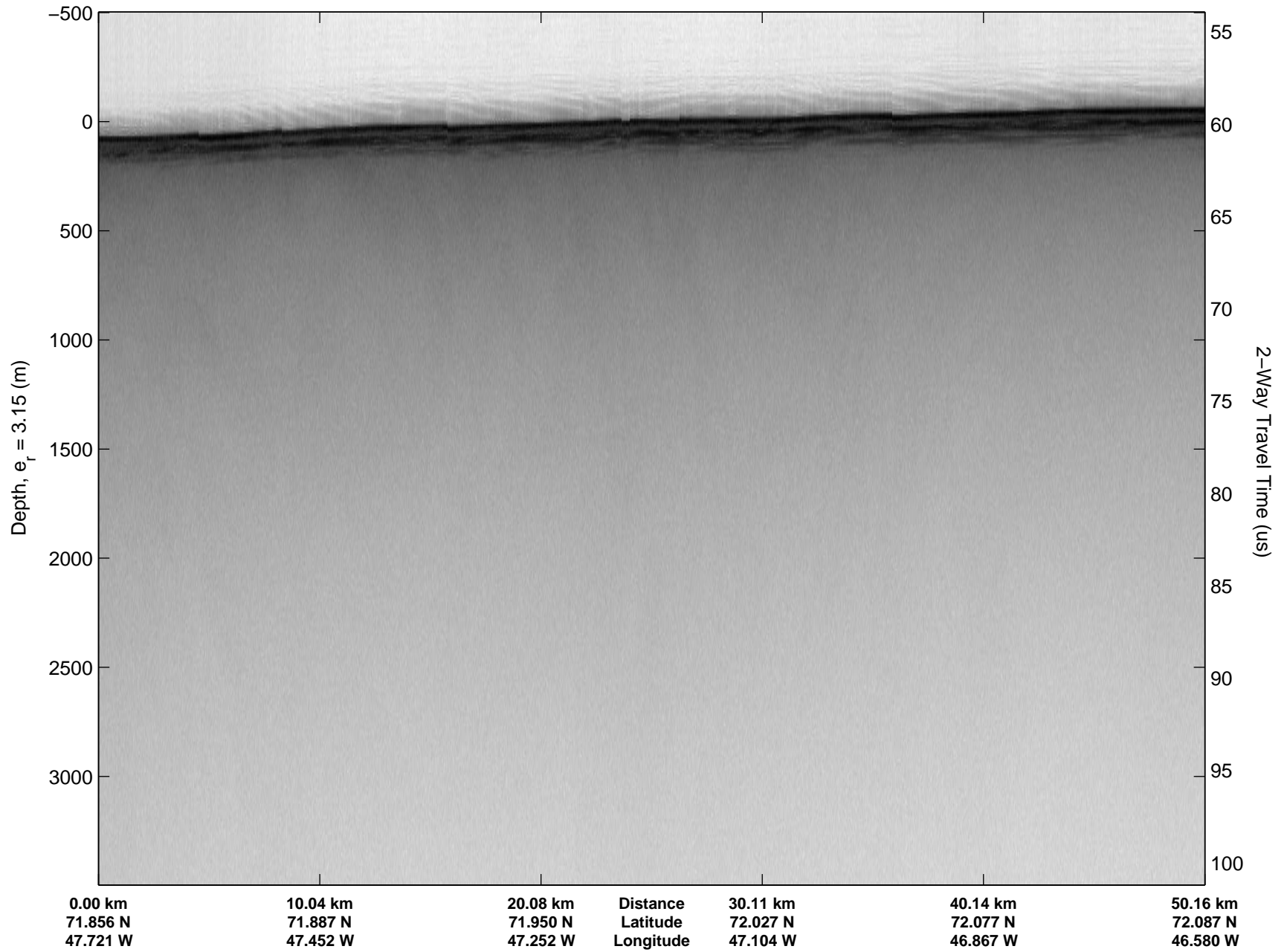


Data Frame ID: 20100409_02_002

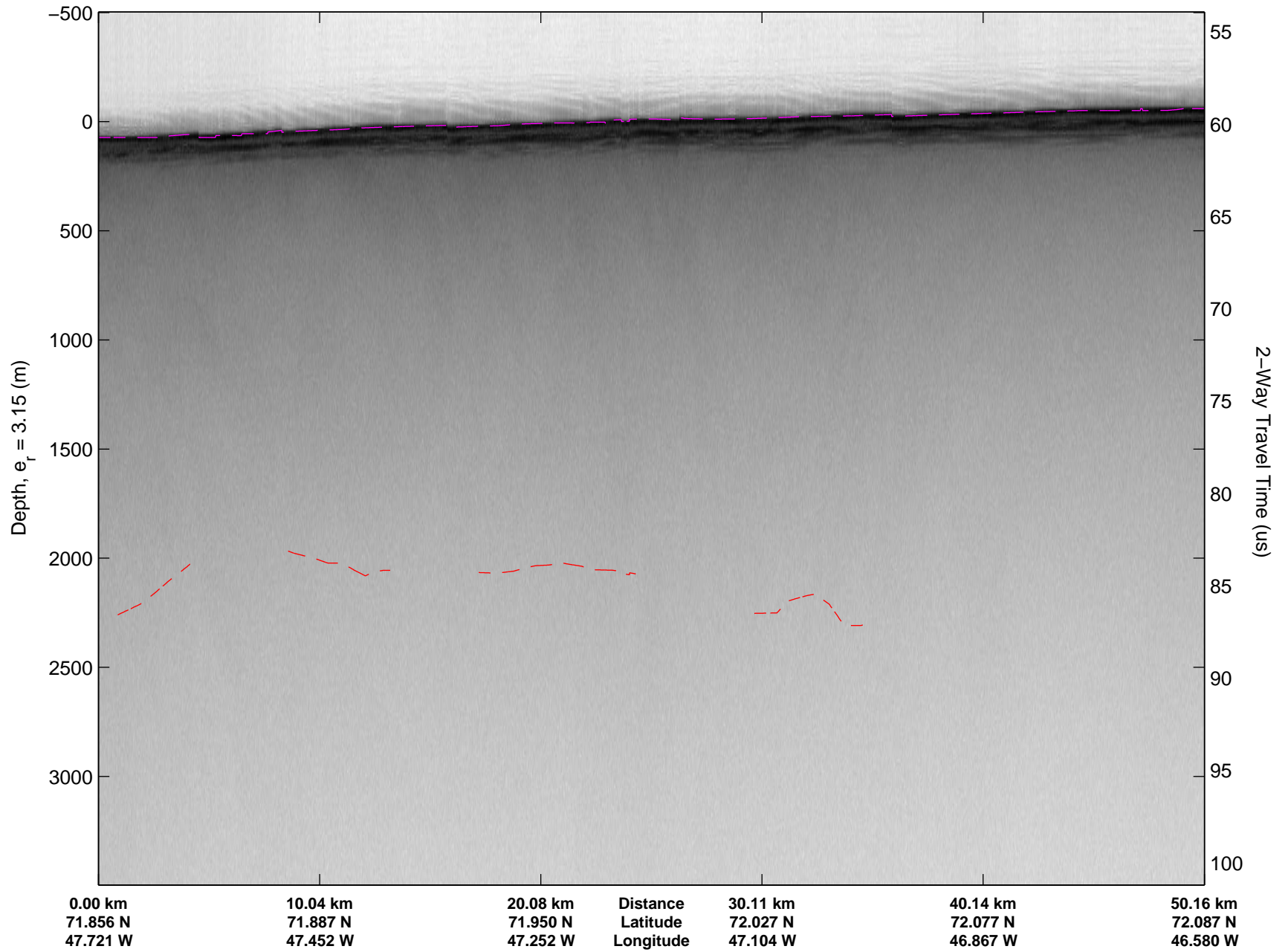


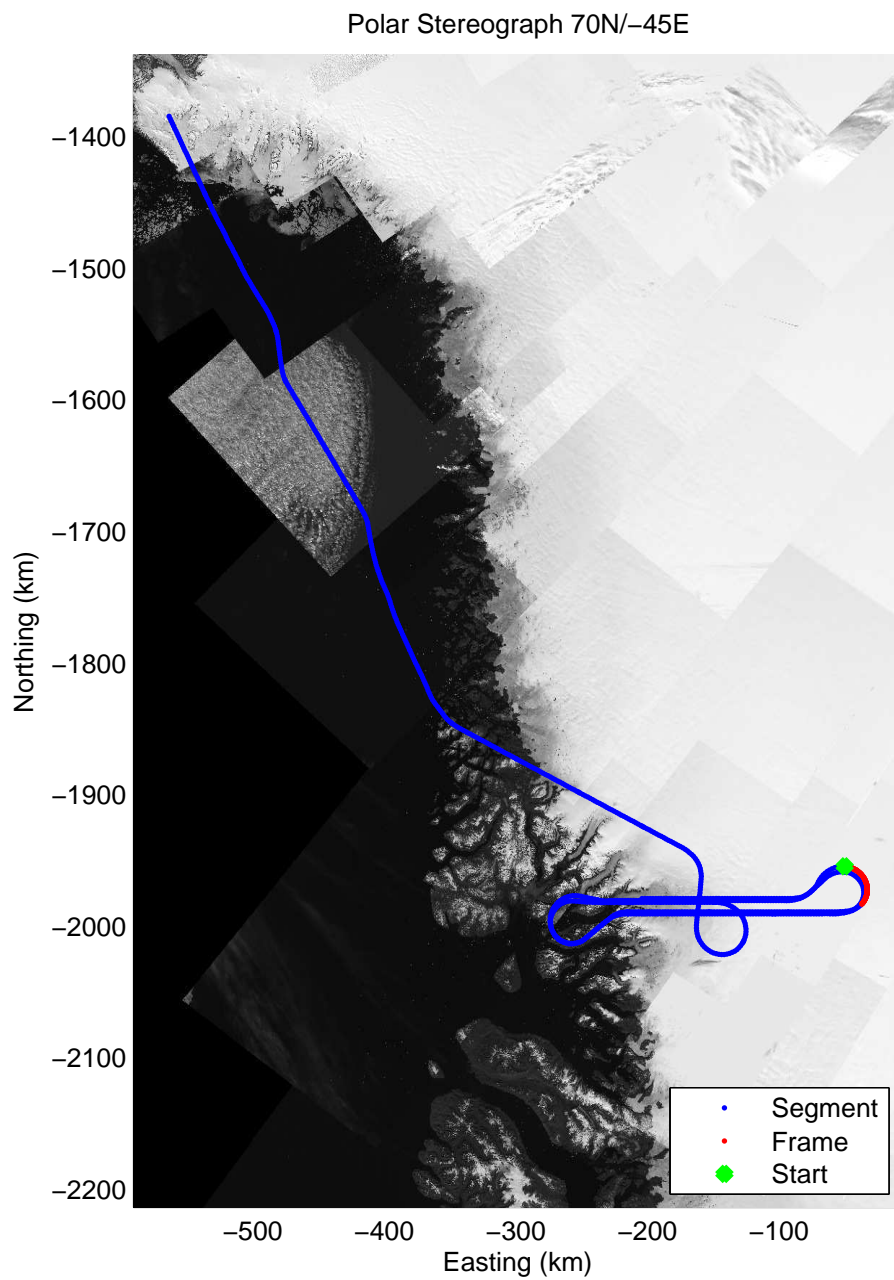
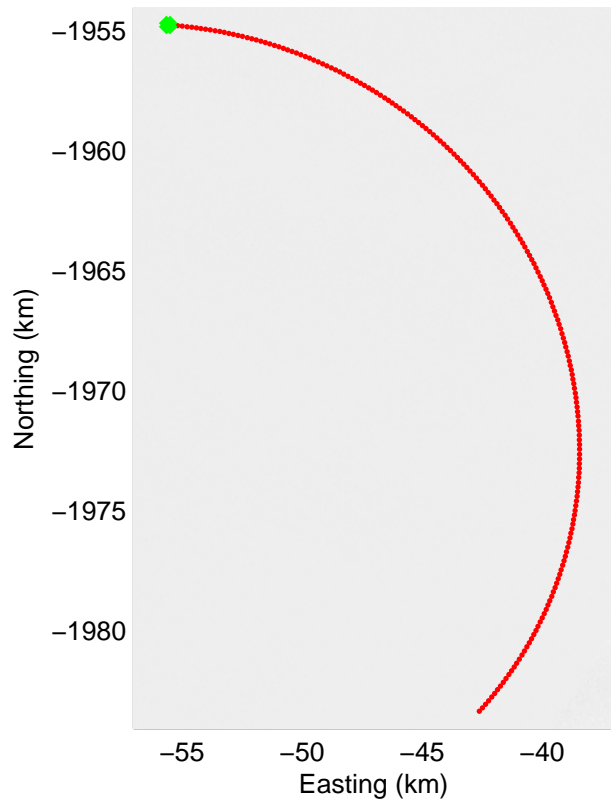
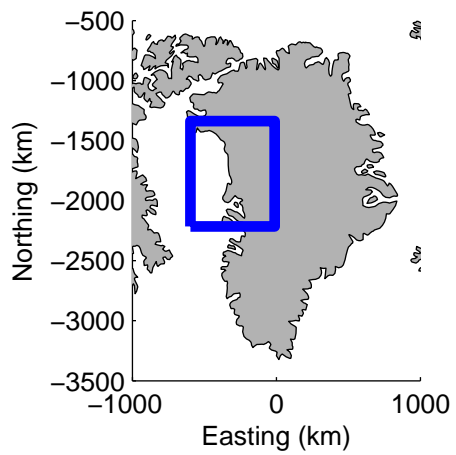


Data Frame ID: 20100409_02_003

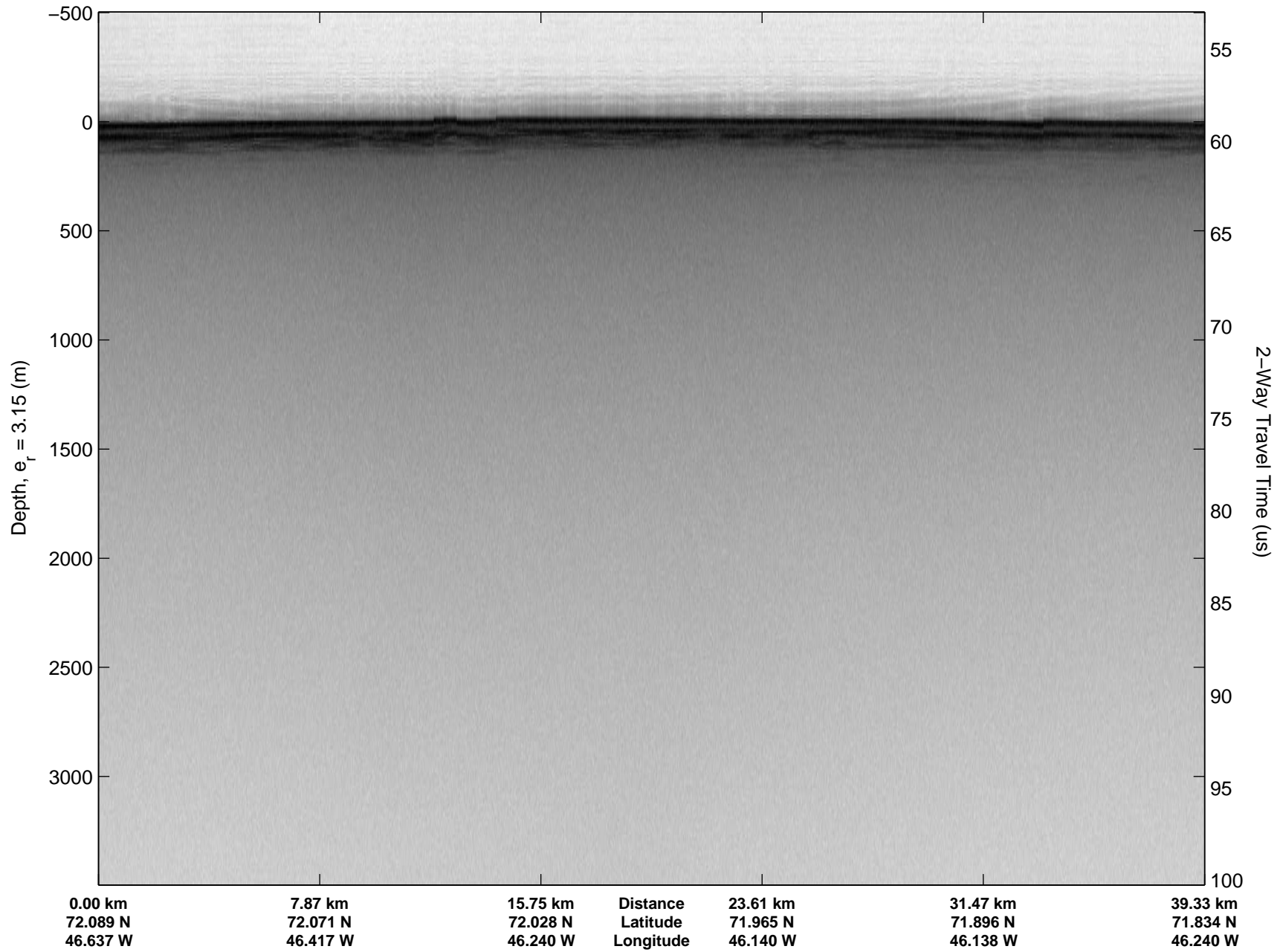


Data Frame ID: 20100409_02_003

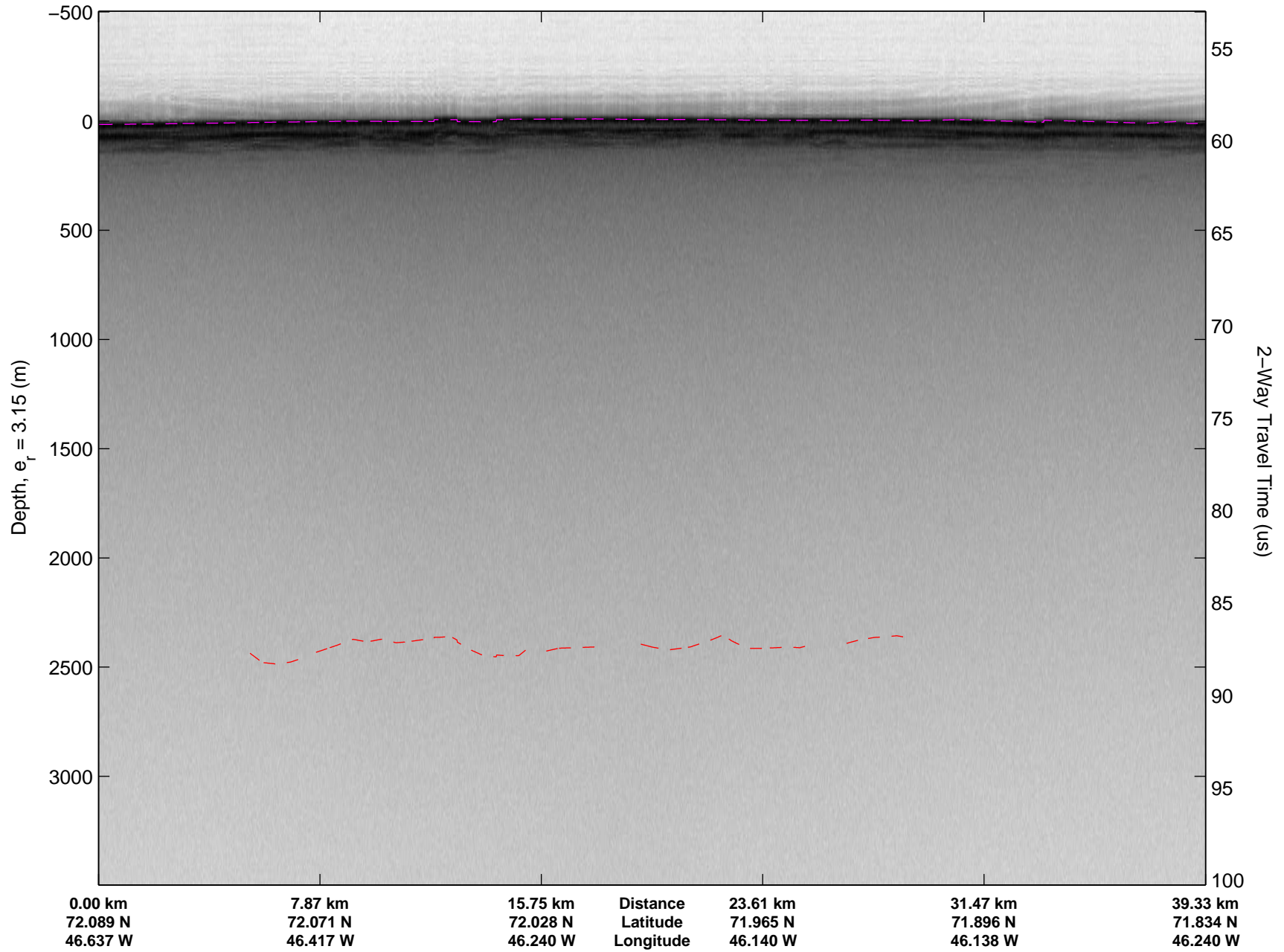


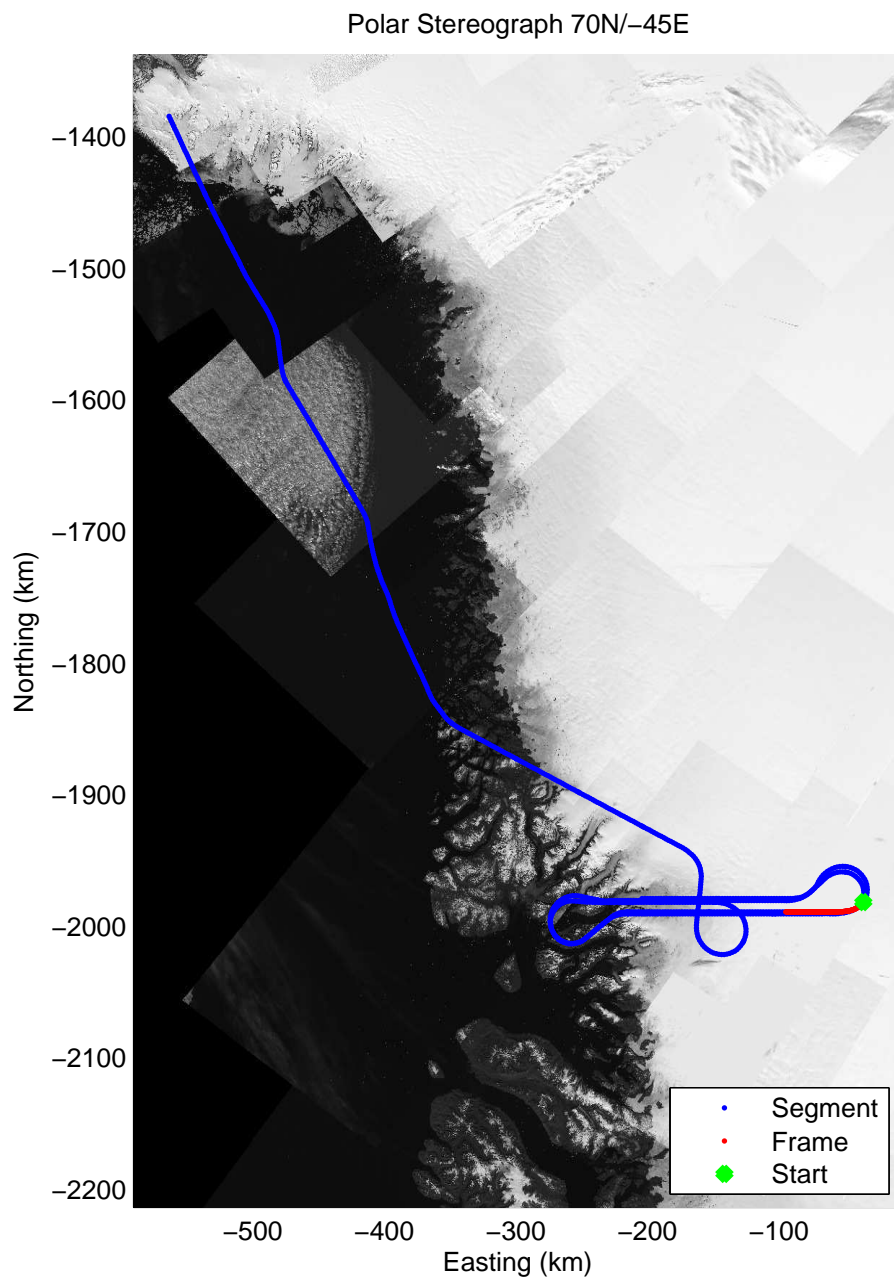
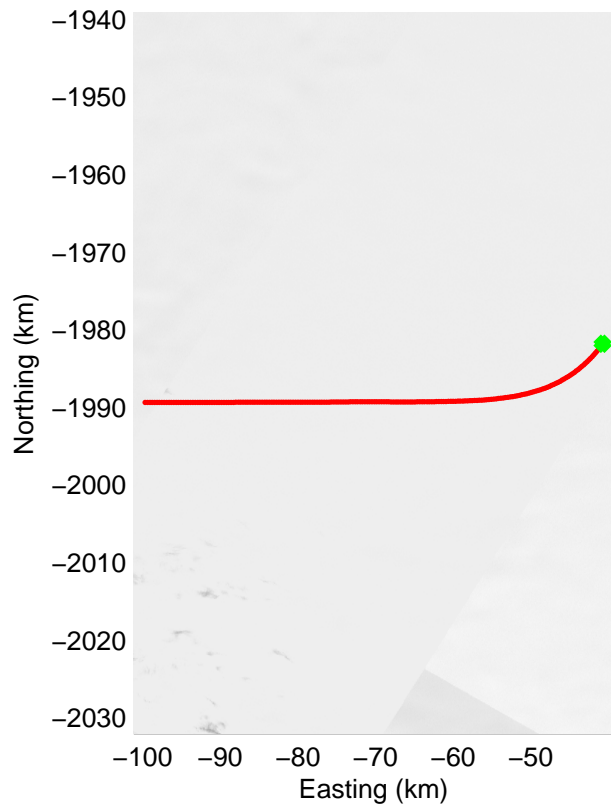
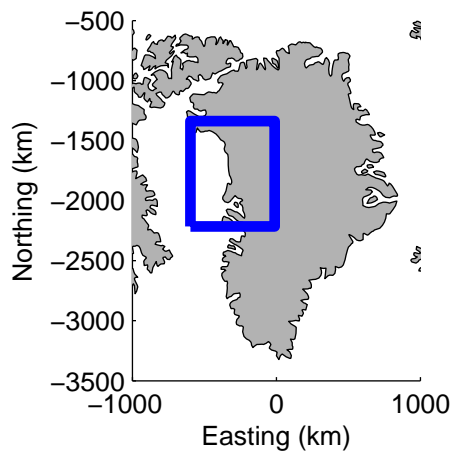


Data Frame ID: 20100409_02_004

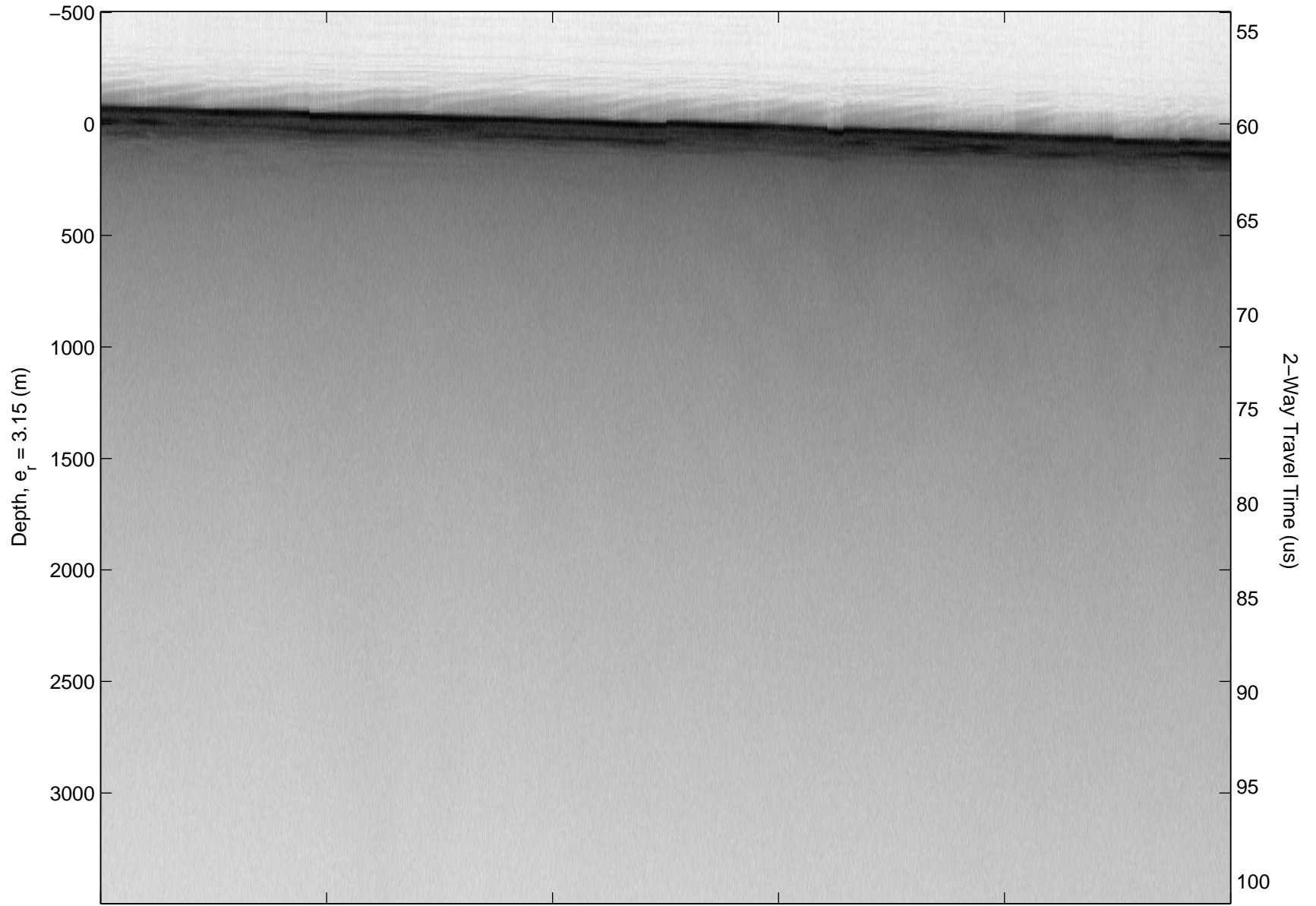


Data Frame ID: 20100409_02_004



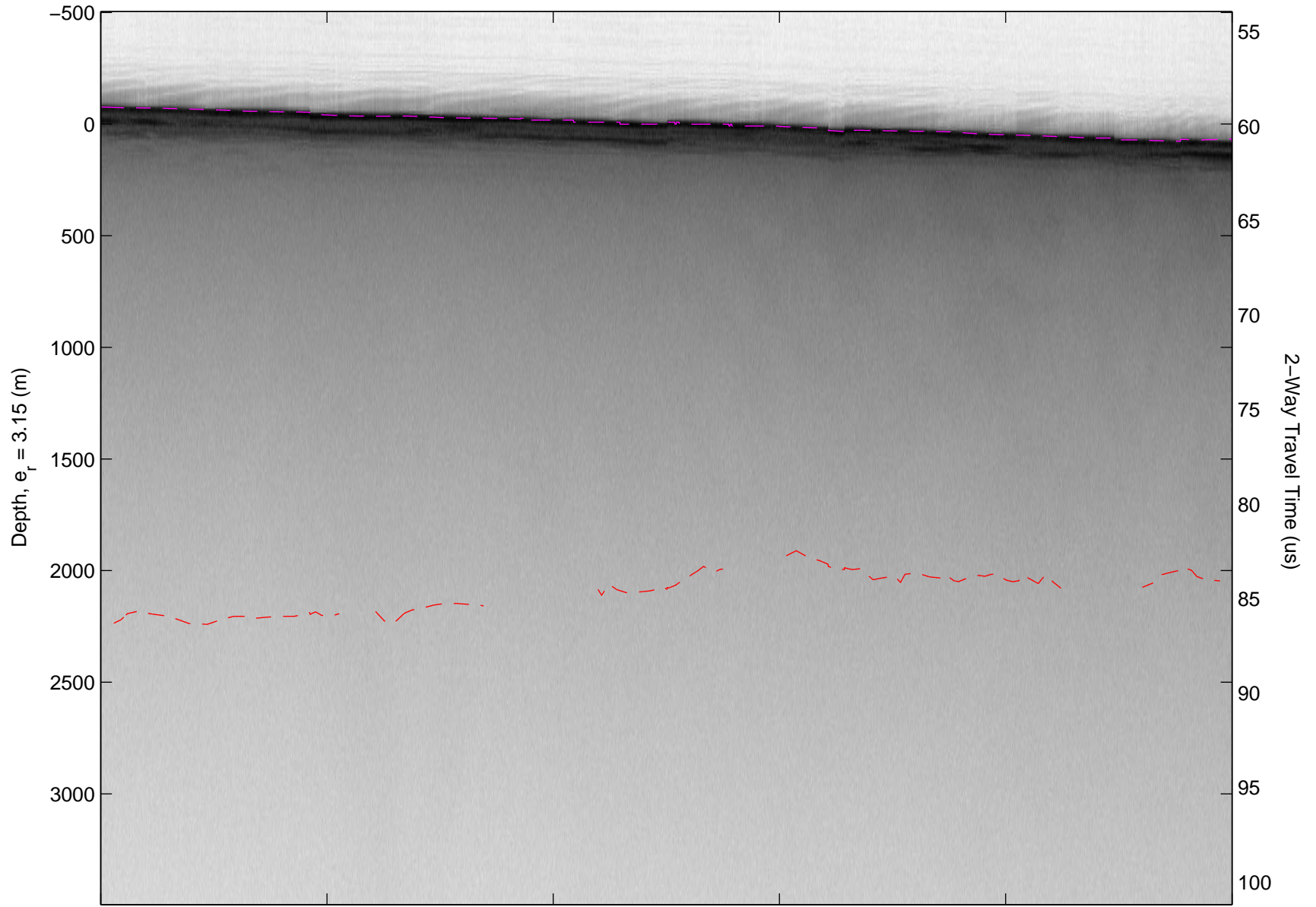


Data Frame ID: 20100409_02_005

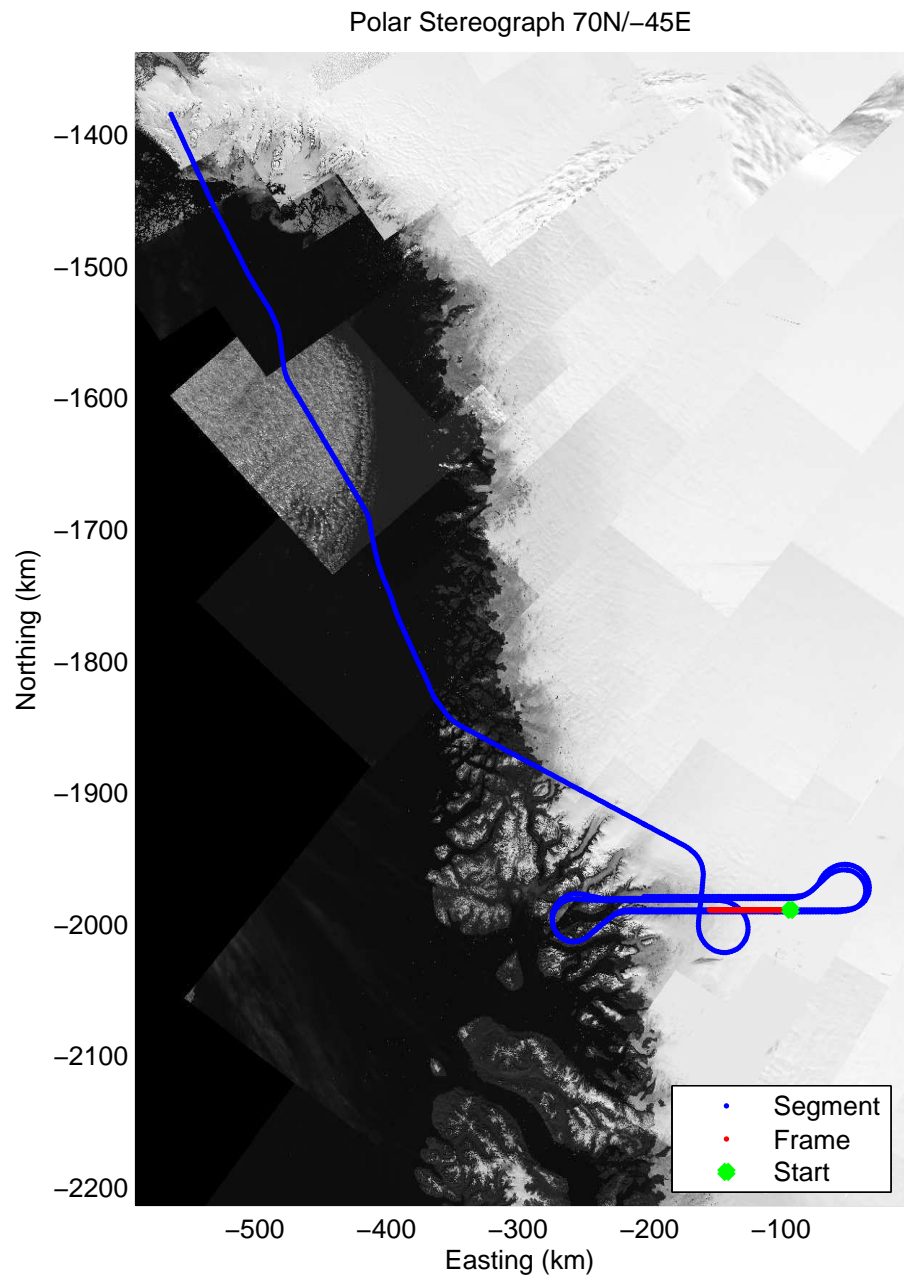
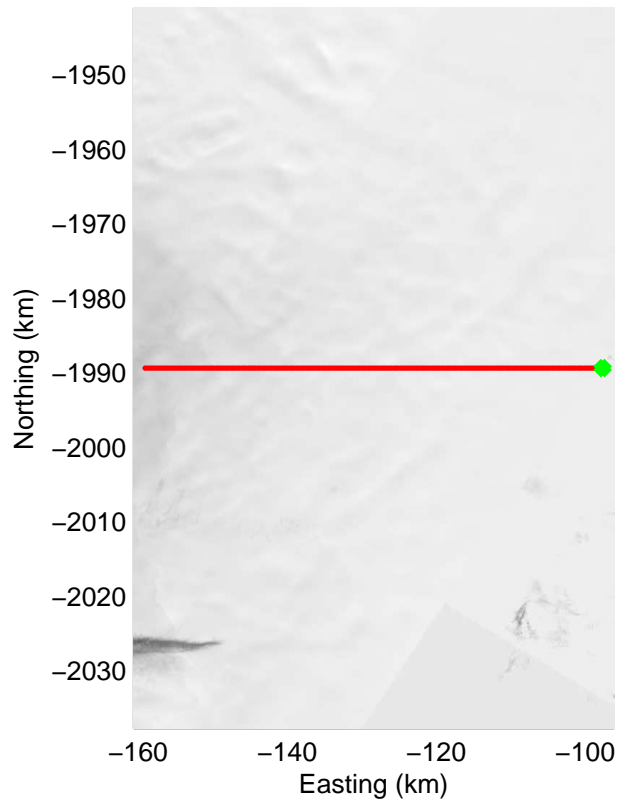
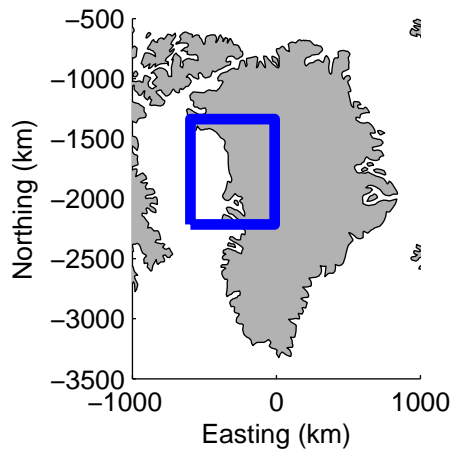


0.00 km	12.34 km	24.68 km	Distance	37.02 km	49.35 km	61.68 km
71.848 N	71.788 N	71.776 N	Latitude	71.771 N	71.766 N	71.761 N
46.206 W	46.492 W	46.842 W	Longitude	47.194 W	47.546 W	47.897 W

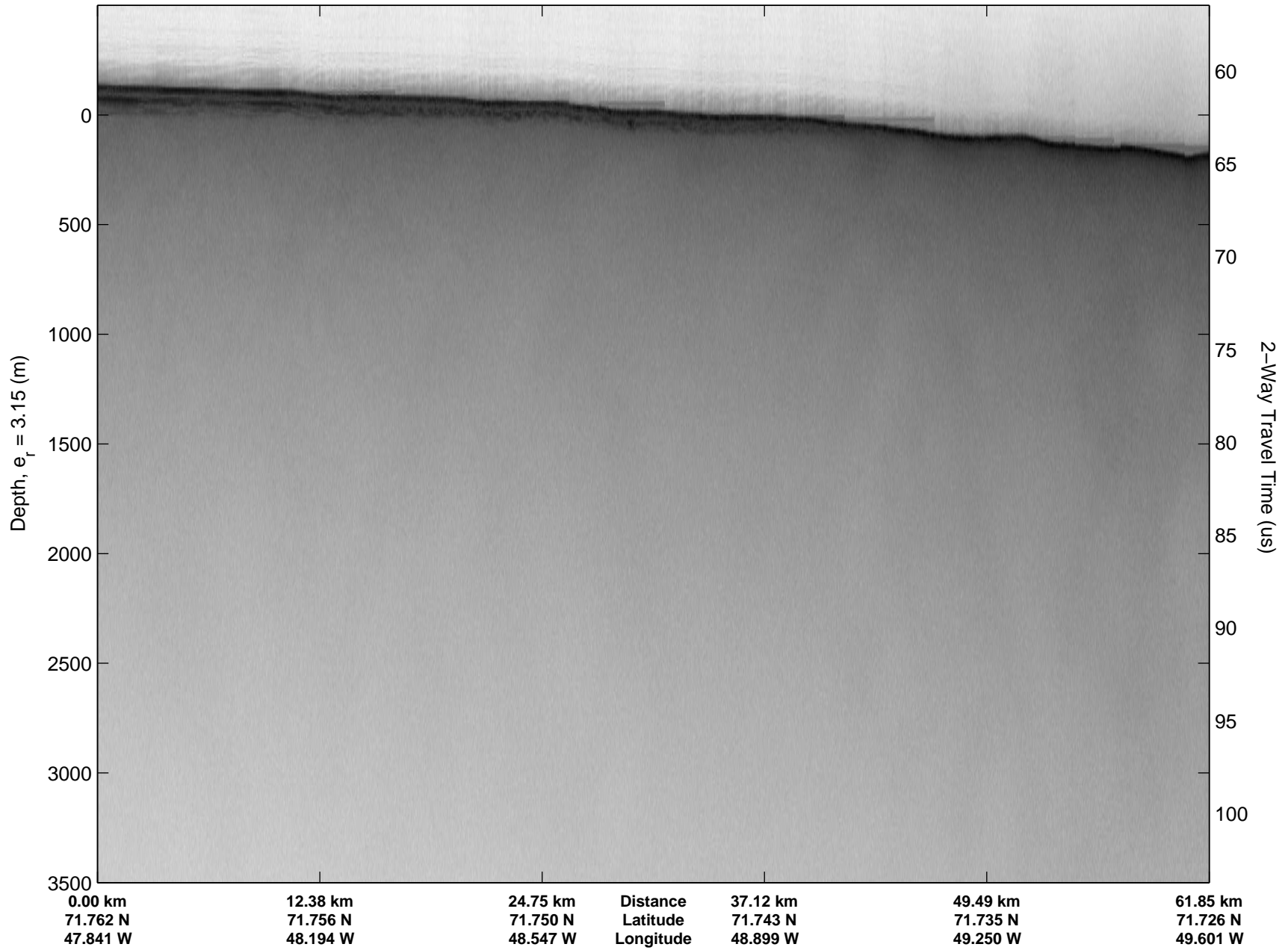
Data Frame ID: 20100409_02_005



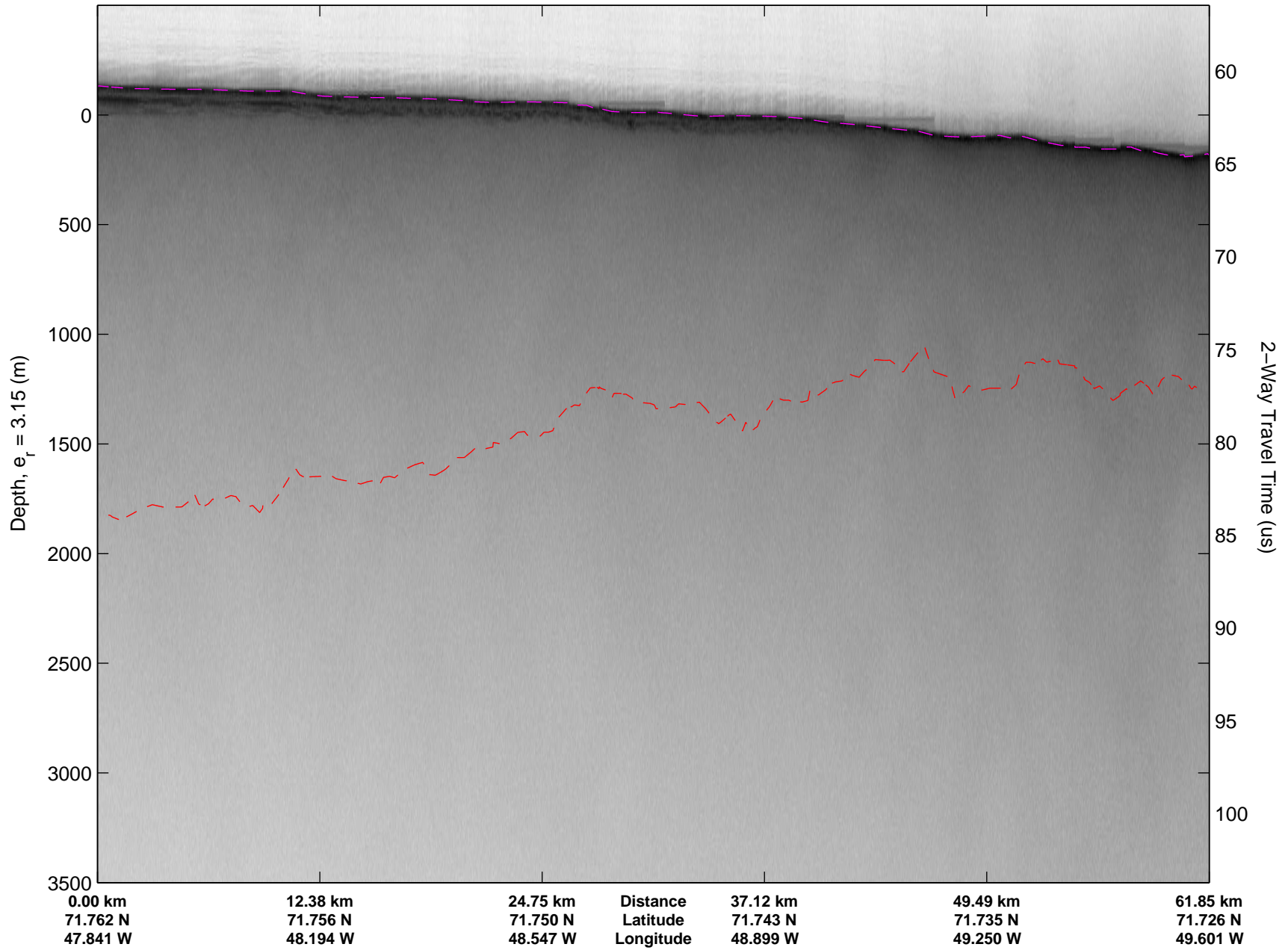
0.00 km	12.34 km	24.68 km	Distance	37.02 km	49.35 km	61.68 km
71.848 N	71.788 N	71.776 N	Latitude	71.771 N	71.766 N	71.761 N
46.206 W	46.492 W	46.842 W	Longitude	47.194 W	47.546 W	47.897 W

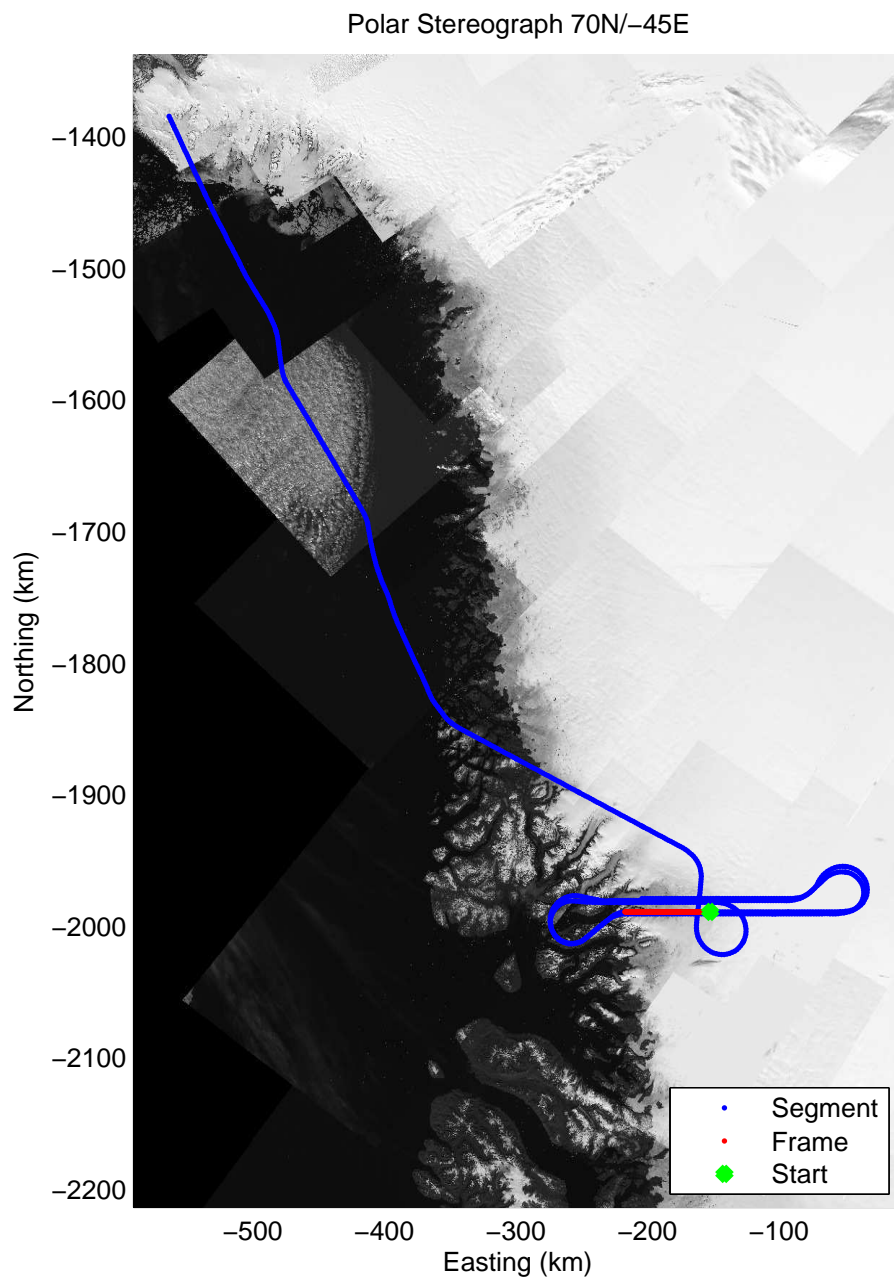
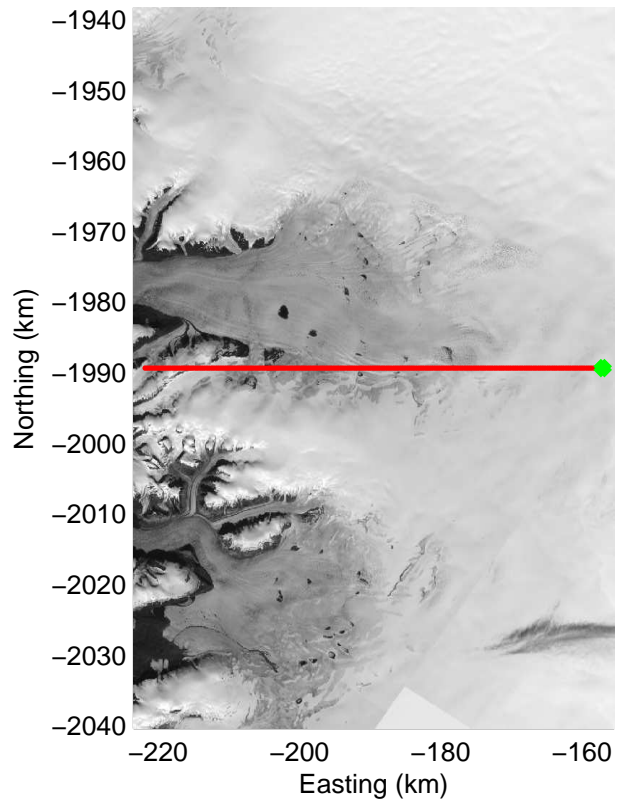
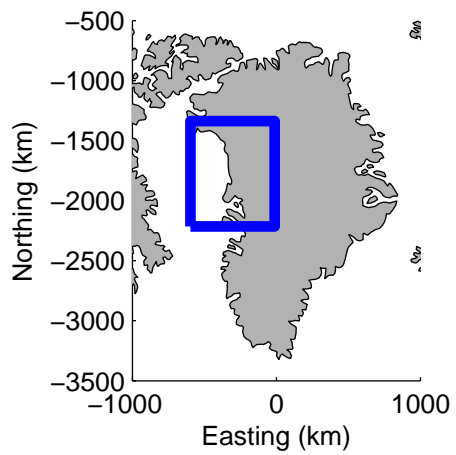


Data Frame ID: 20100409_02_006

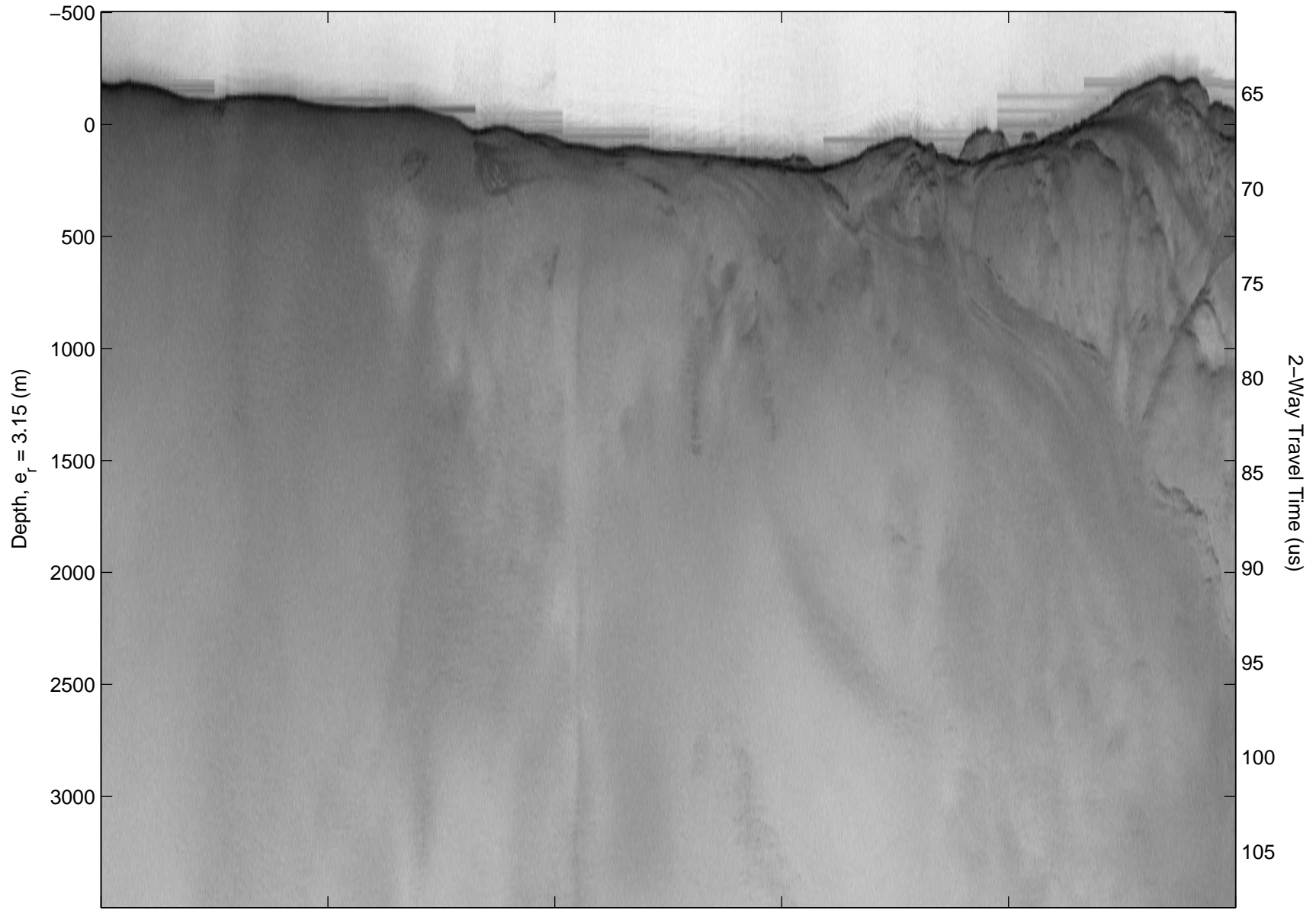


Data Frame ID: 20100409_02_006



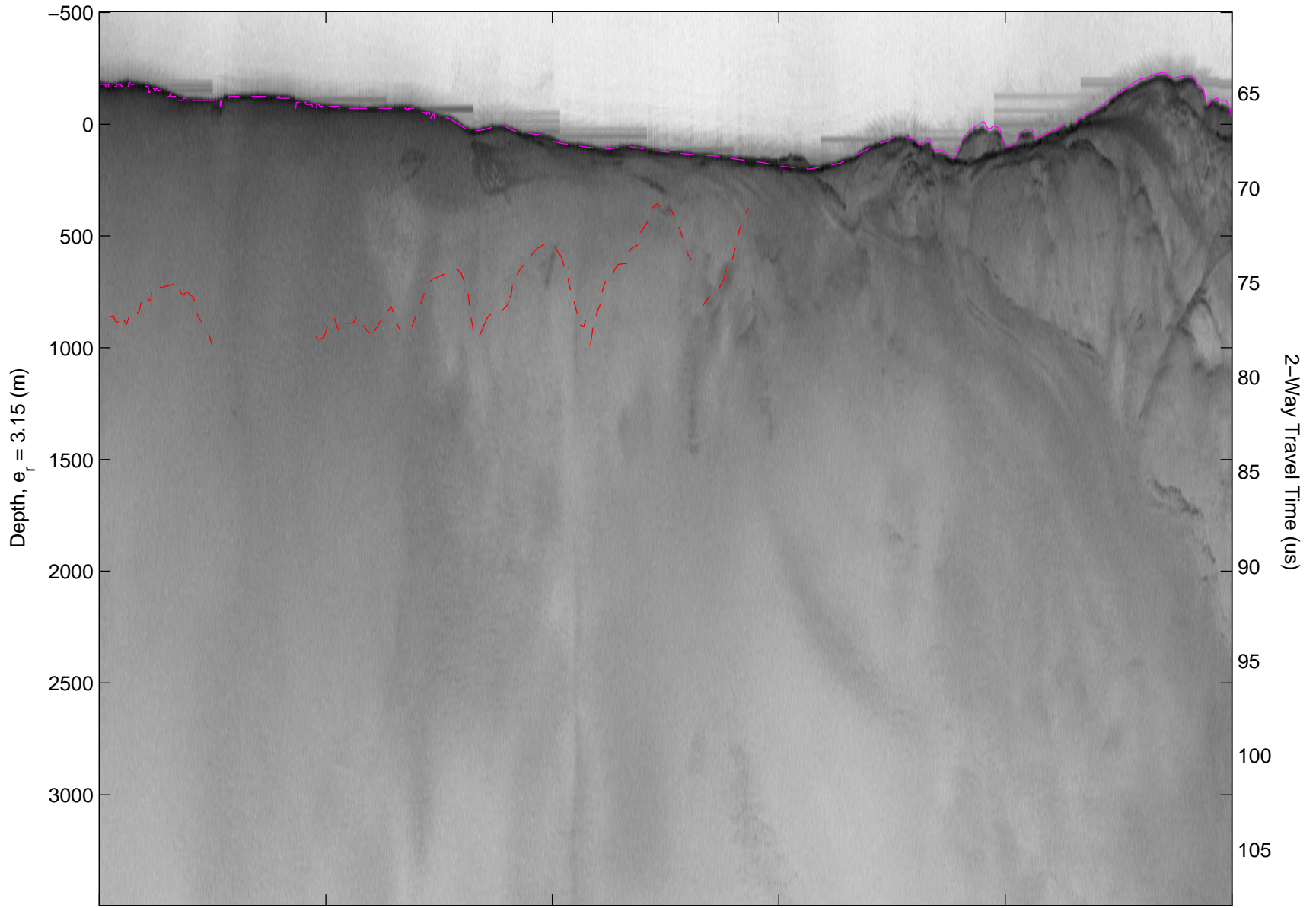


Data Frame ID: 20100409_02_007

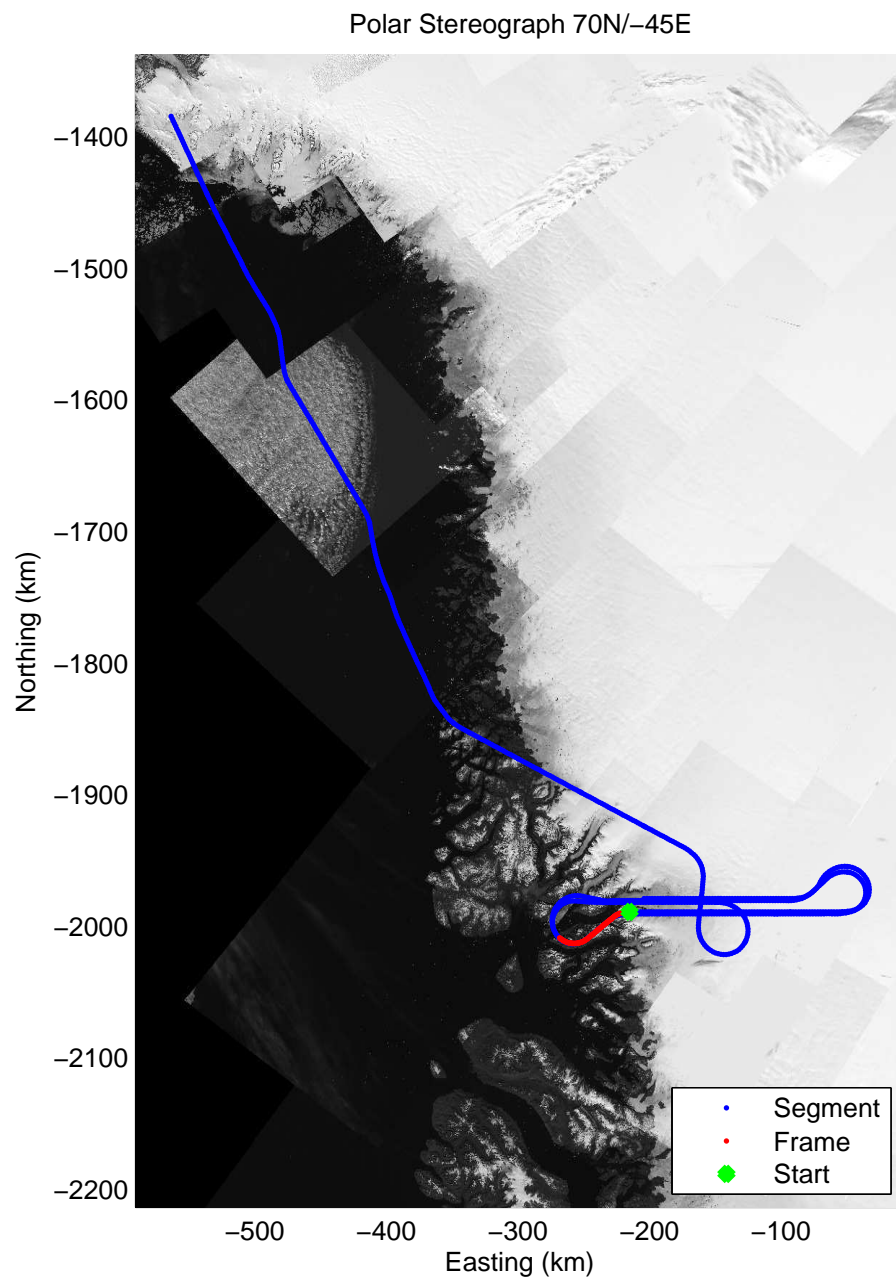
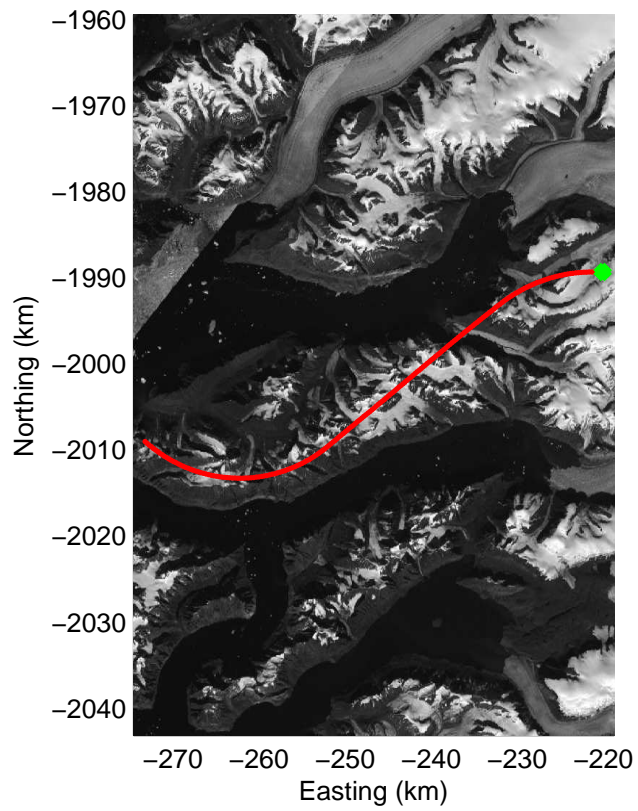
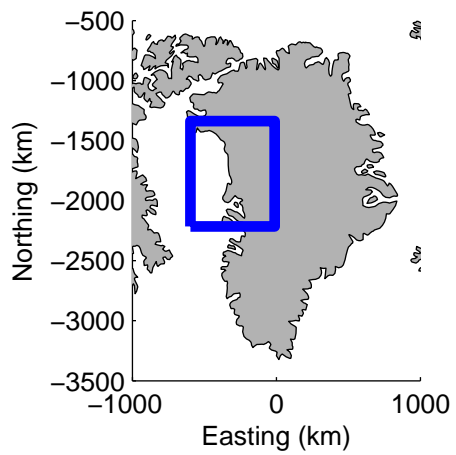


0.00 km	13.06 km	26.12 km	Distance	39.18 km	52.23 km	65.27 km
71.728 N	71.718 N	71.708 N	Latitude	71.696 N	71.685 N	71.672 N
49.546 W	49.916 W	50.287 W	Longitude	50.657 W	51.026 W	51.395 W

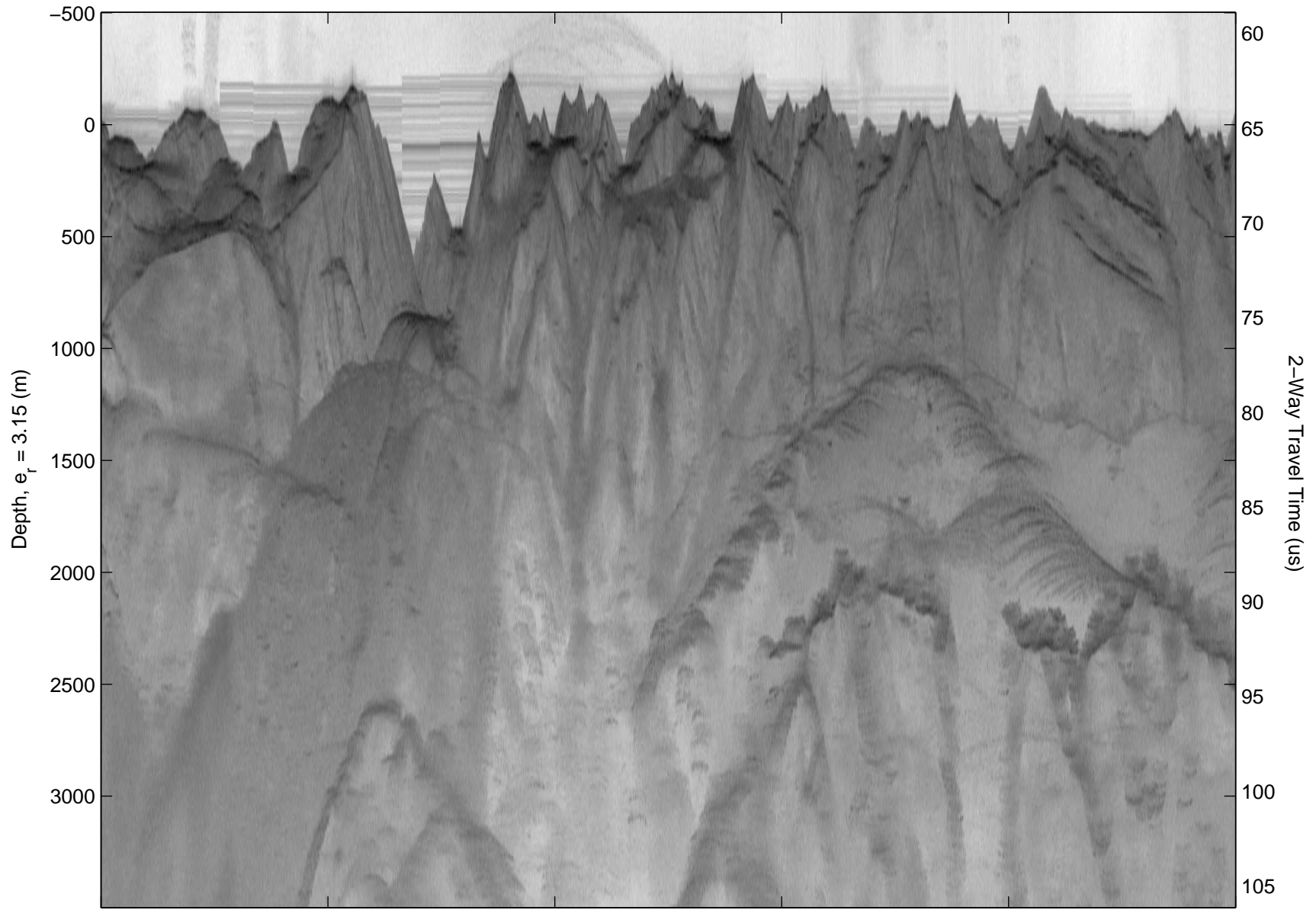
Data Frame ID: 20100409_02_007



0.00 km	13.06 km	26.12 km	Distance	39.18 km	52.23 km	65.27 km
71.728 N	71.718 N	71.708 N	Latitude	71.696 N	71.685 N	71.672 N
49.546 W	49.916 W	50.287 W	Longitude	50.657 W	51.026 W	51.395 W



Data Frame ID: 20100409_02_008



0.00 km
71.674 N
51.339 W

12.46 km
71.631 N
51.657 W

24.92 km
71.551 N
51.902 W

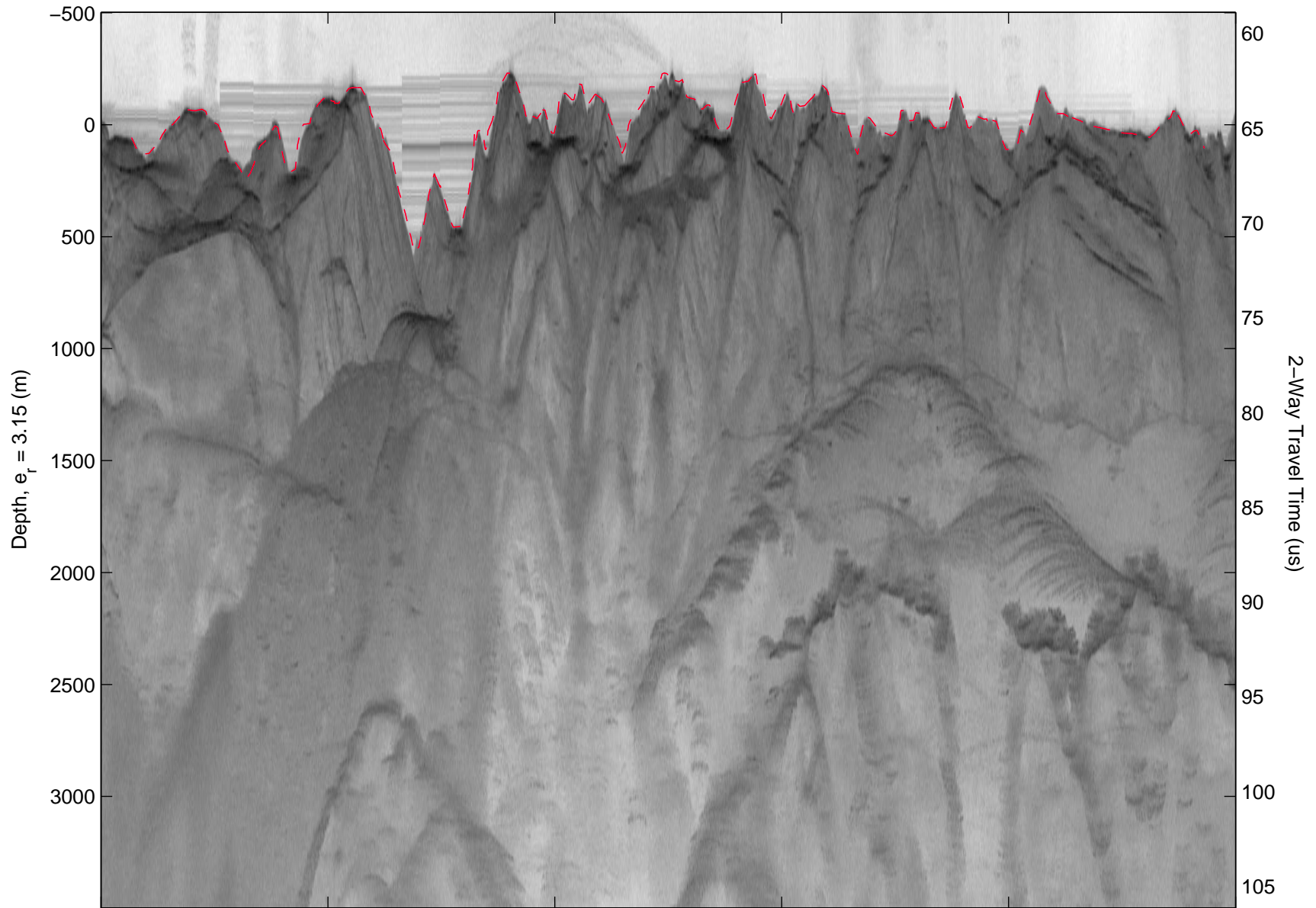
Distance
Latitude
Longitude

37.39 km
71.469 N
52.142 W

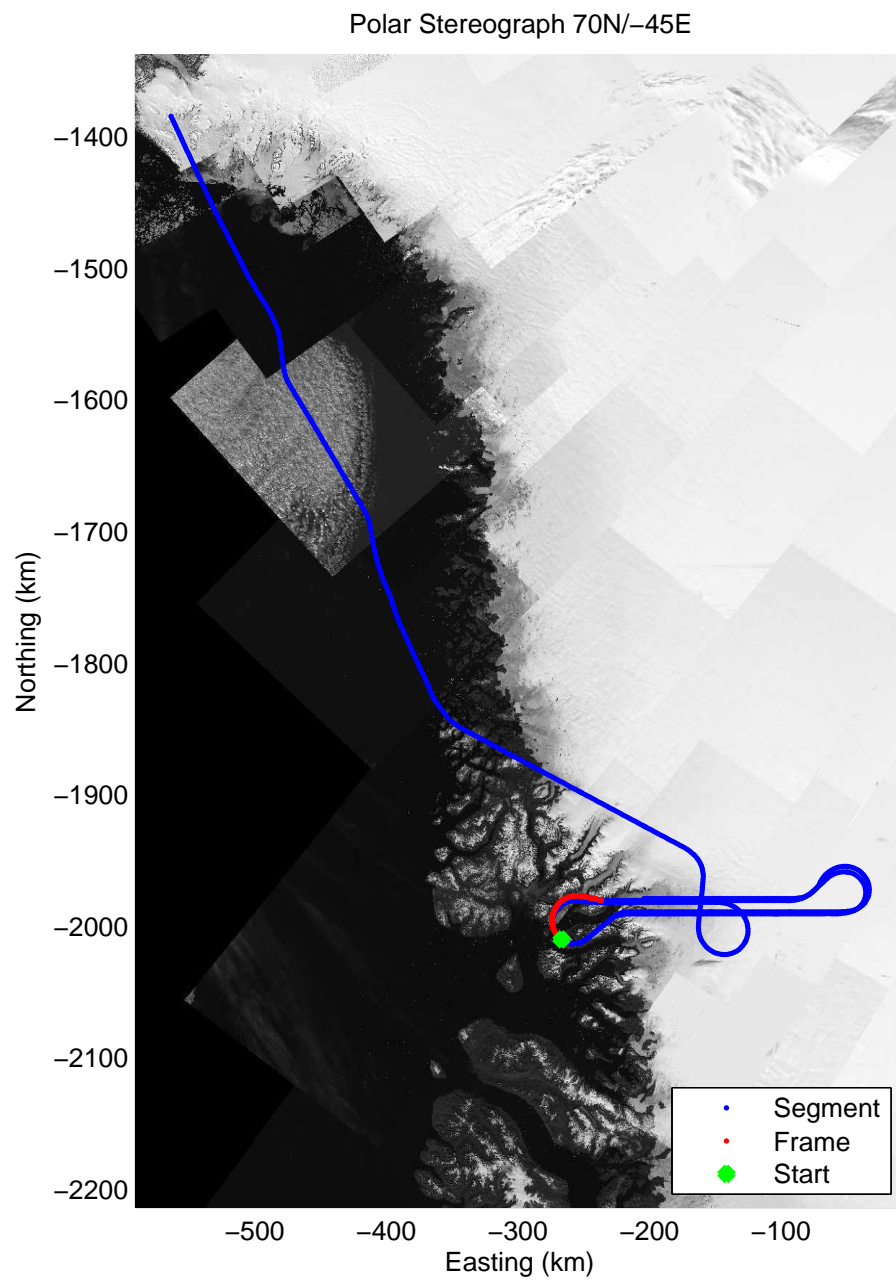
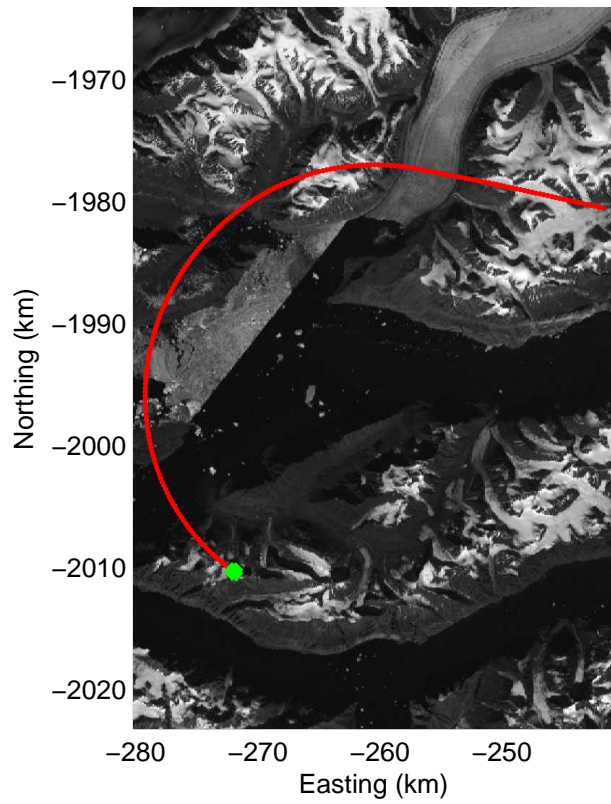
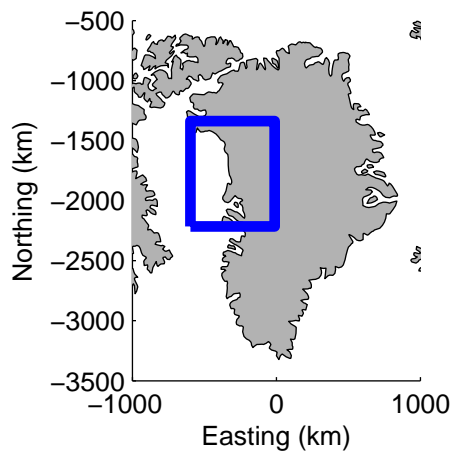
49.86 km
71.415 N
52.438 W

62.31 km
71.439 N
52.770 W

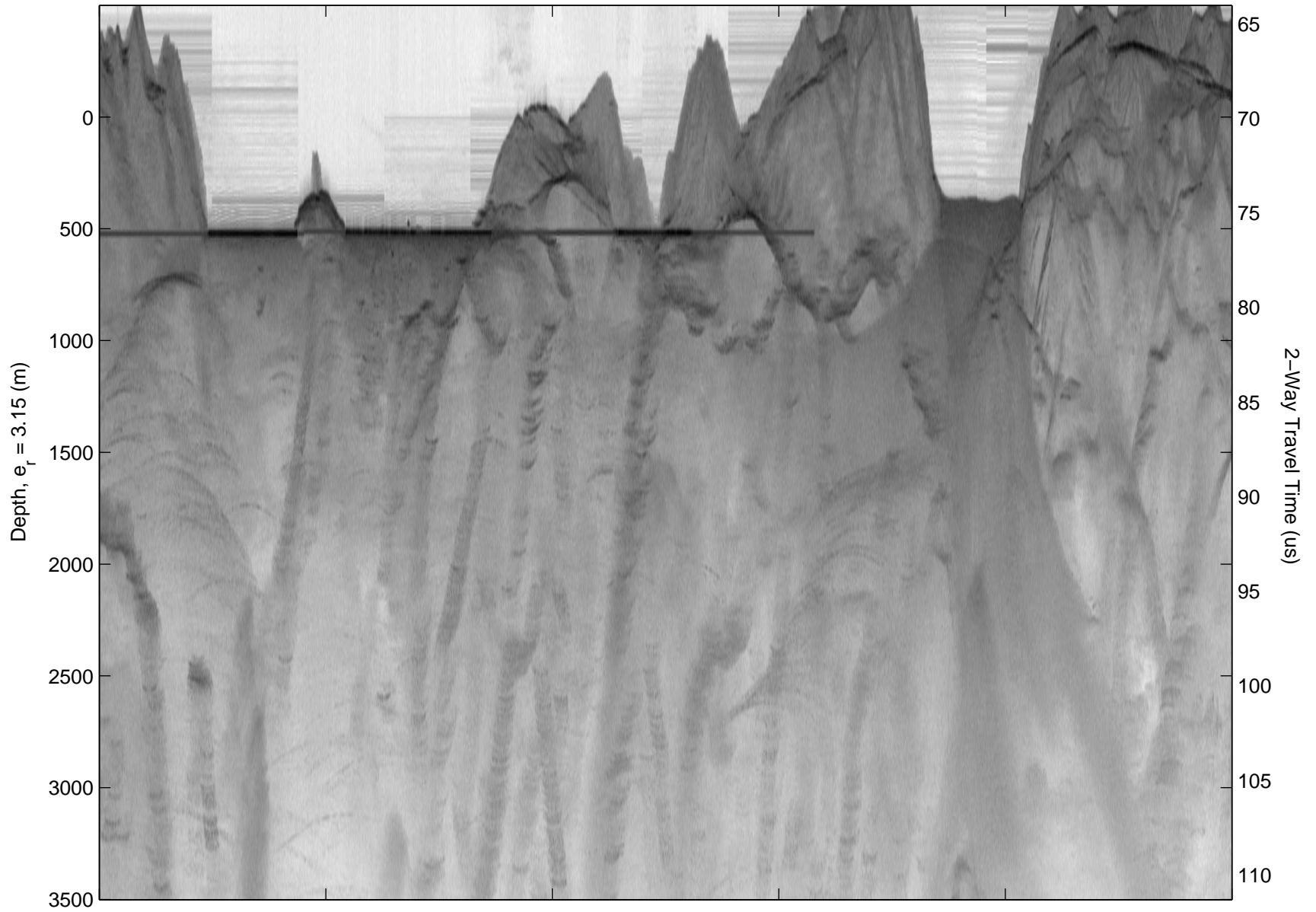
Data Frame ID: 20100409_02_008



0.00 km	12.46 km	24.92 km	Distance	37.39 km	49.86 km	62.31 km
71.674 N	71.631 N	71.551 N	Latitude	71.469 N	71.415 N	71.439 N
51.339 W	51.657 W	51.902 W	Longitude	52.142 W	52.438 W	52.770 W

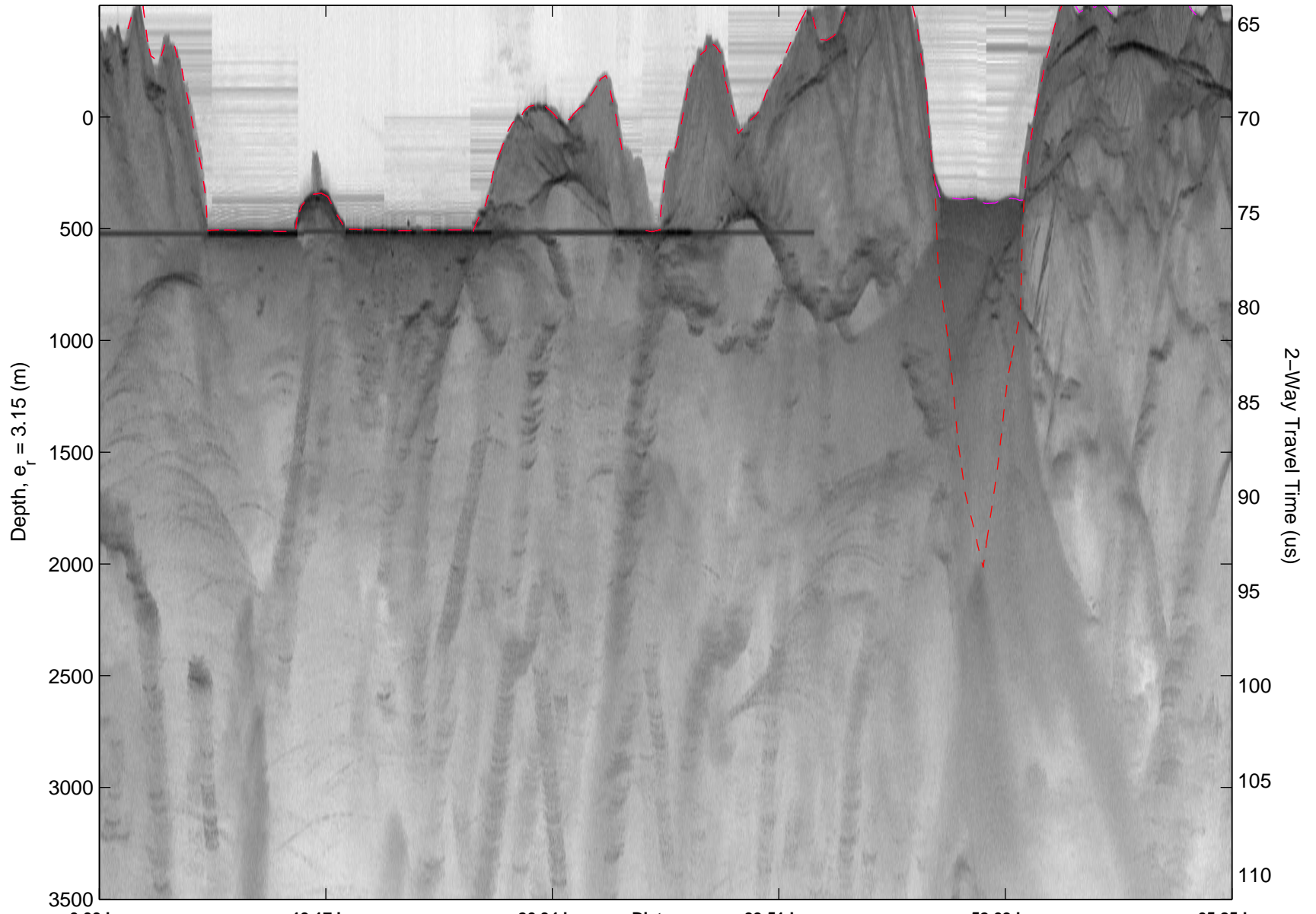


Data Frame ID: 20100409_02_009

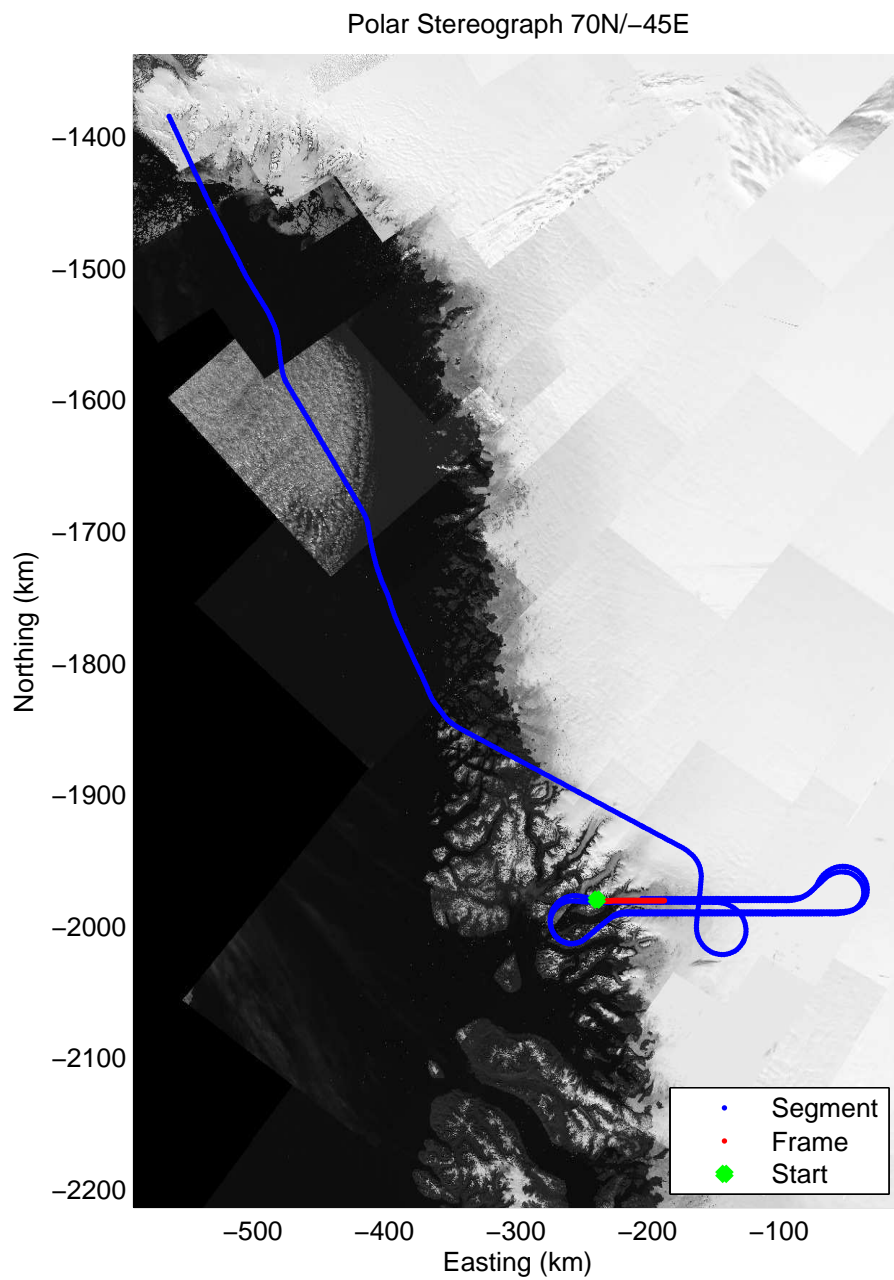
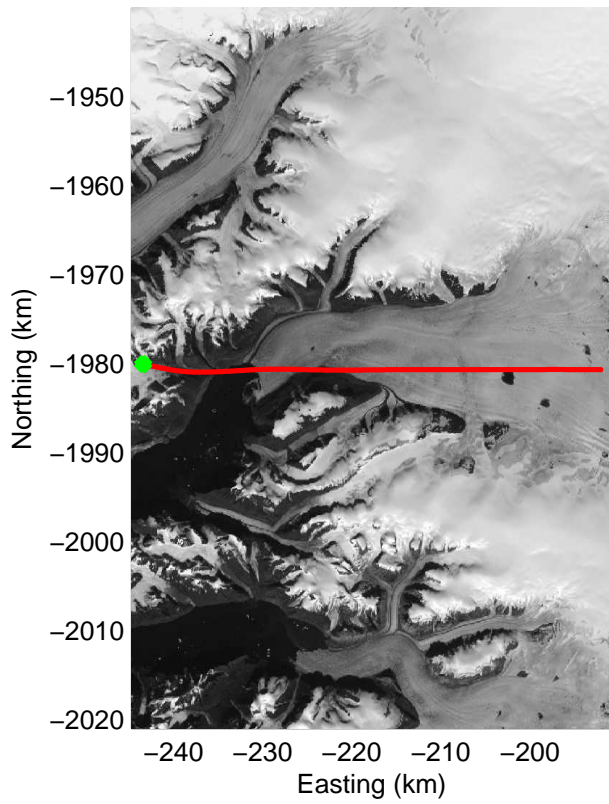
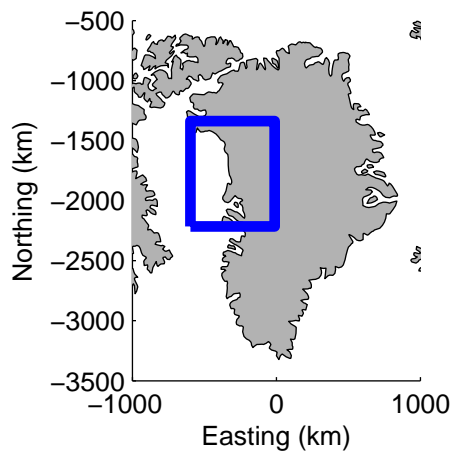


0.00 km	13.17 km	26.34 km	Distance	39.51 km	52.69 km	65.85 km
71.430 N	71.518 N	71.633 N	Latitude	71.721 N	71.741 N	71.731 N
52.723 W	52.958 W	52.951 W	Longitude	52.714 W	52.350 W	51.977 W

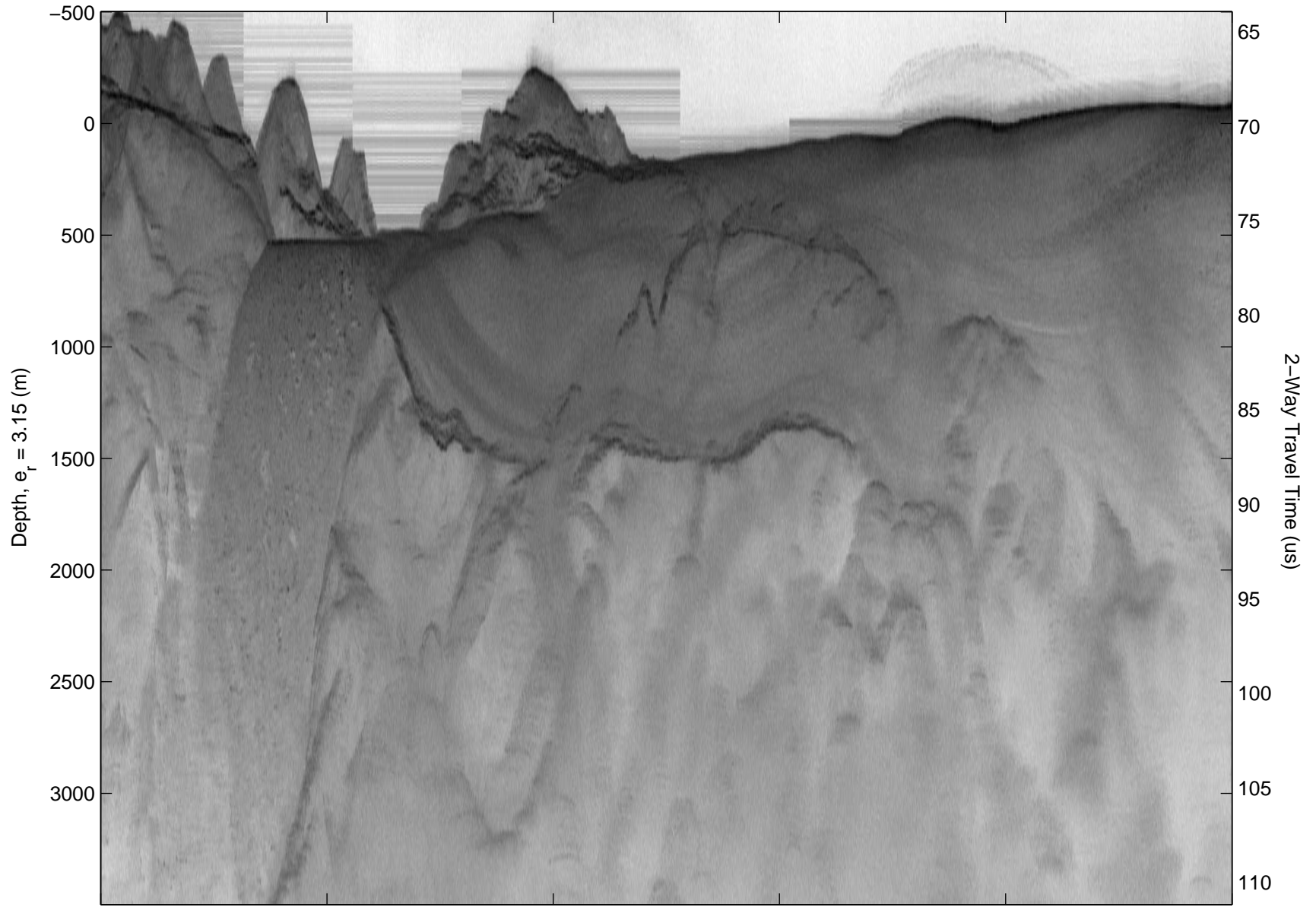
Data Frame ID: 20100409_02_009



0.00 km	13.17 km	26.34 km	Distance	39.51 km	52.69 km	65.85 km
71.430 N	71.518 N	71.633 N	Latitude	71.721 N	71.741 N	71.731 N
52.723 W	52.958 W	52.951 W	Longitude	52.714 W	52.350 W	51.977 W

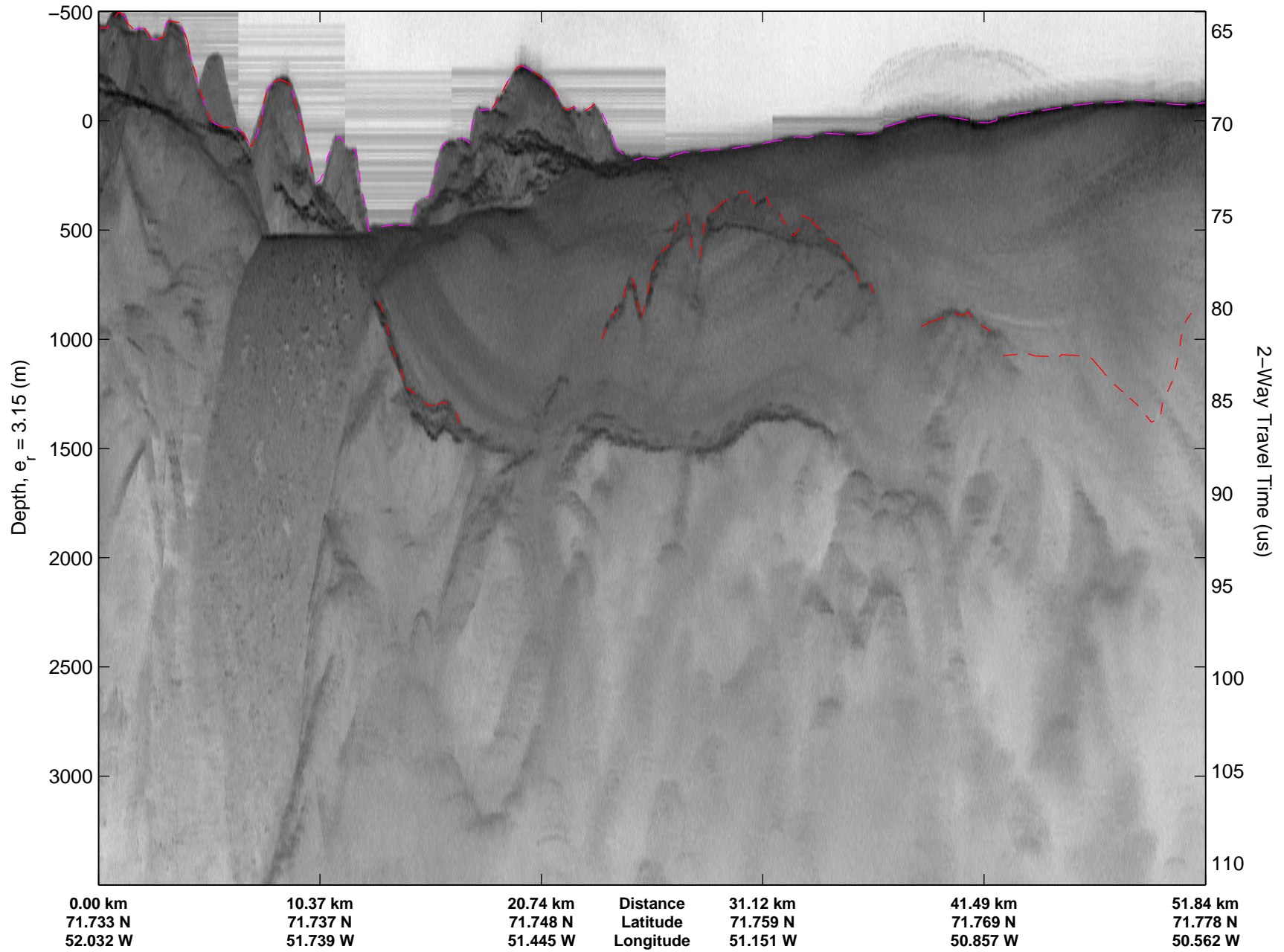


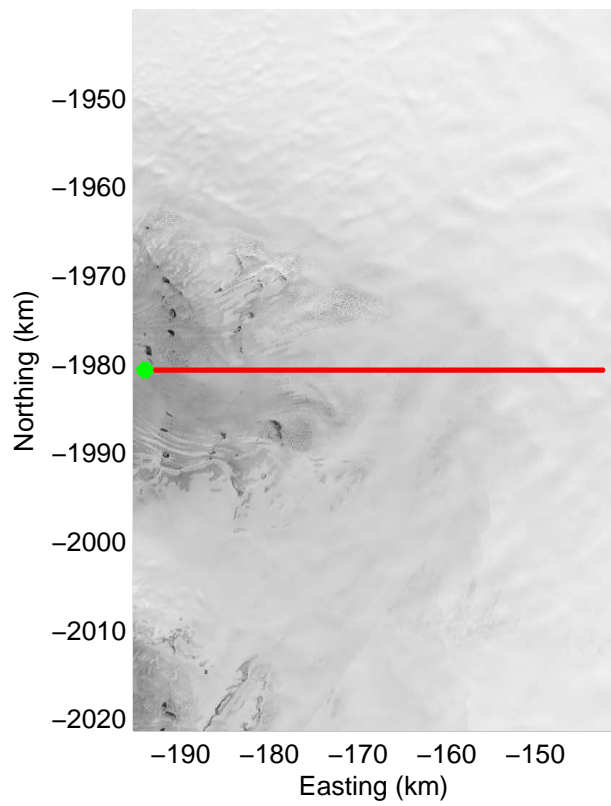
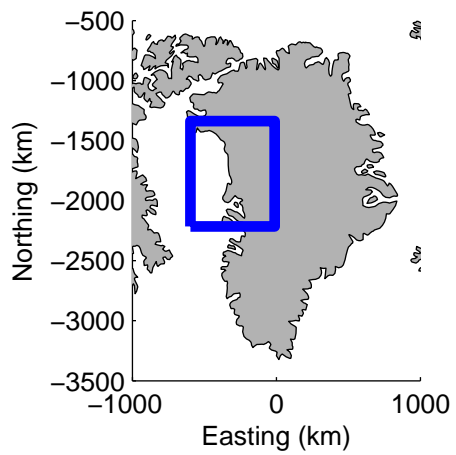
Data Frame ID: 20100409_02_010



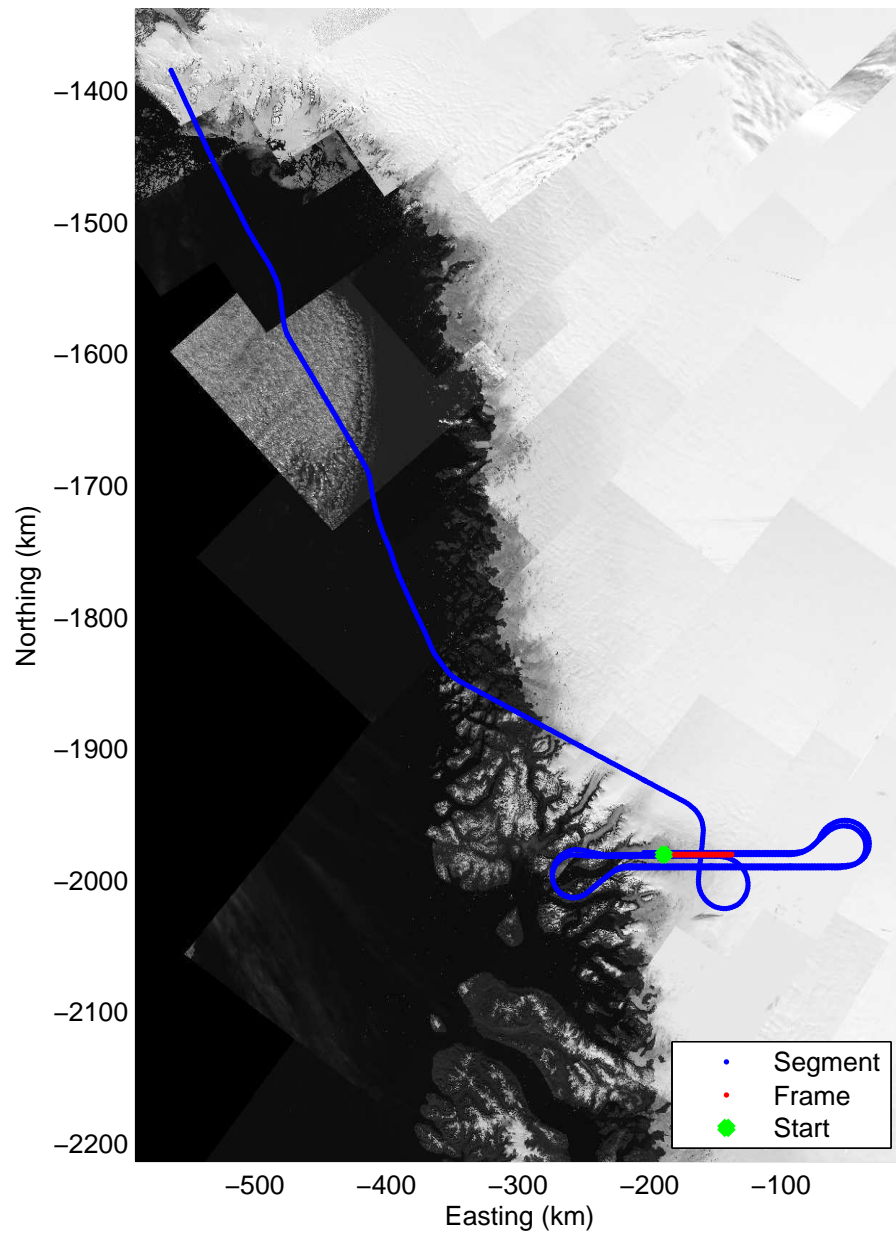
0.00 km	10.37 km	20.74 km	Distance	31.12 km	41.49 km	51.84 km
71.733 N	71.737 N	71.748 N	Latitude	71.759 N	71.769 N	71.778 N
52.032 W	51.739 W	51.445 W	Longitude	51.151 W	50.857 W	50.562 W

Data Frame ID: 20100409_02_010

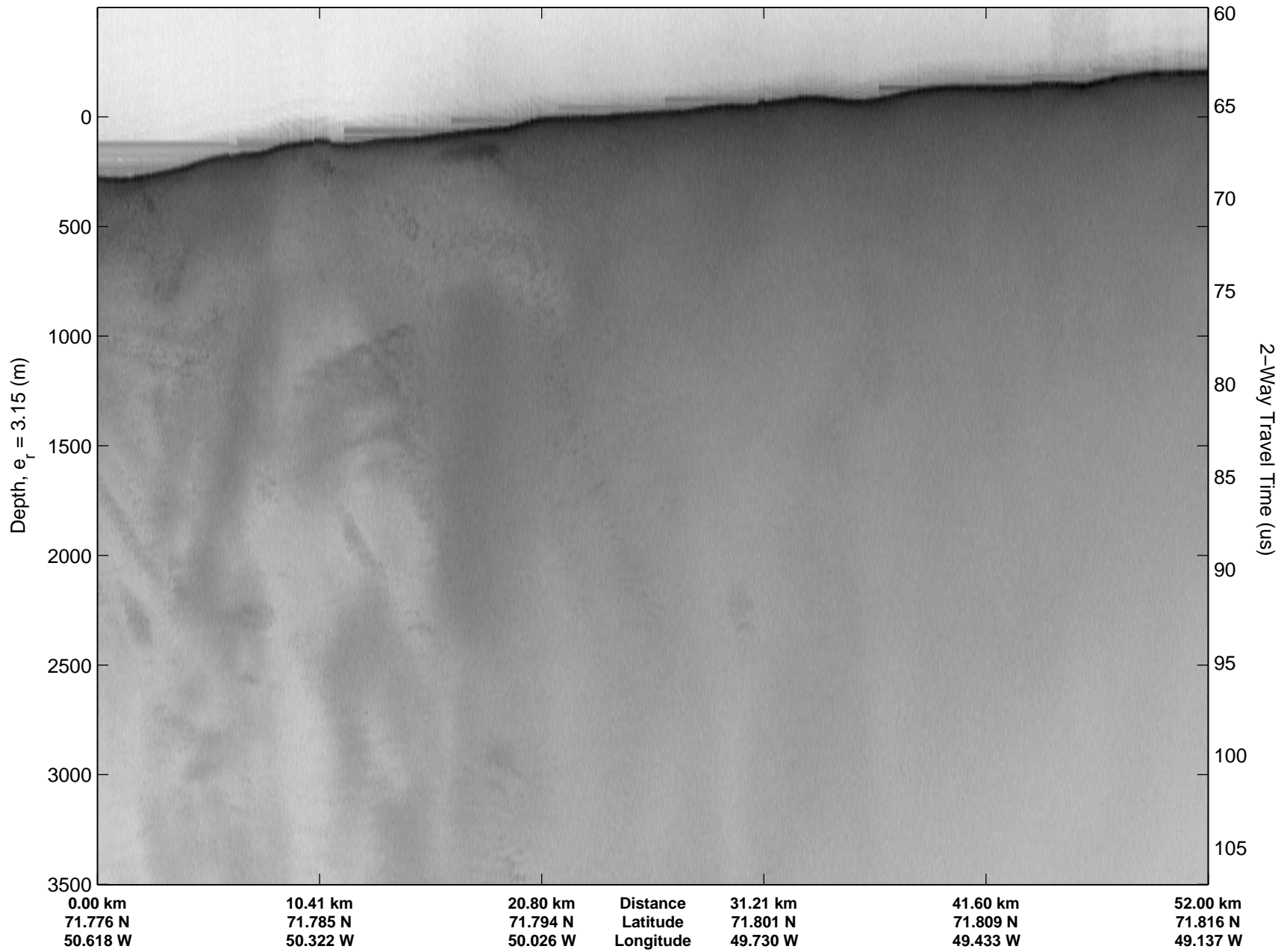




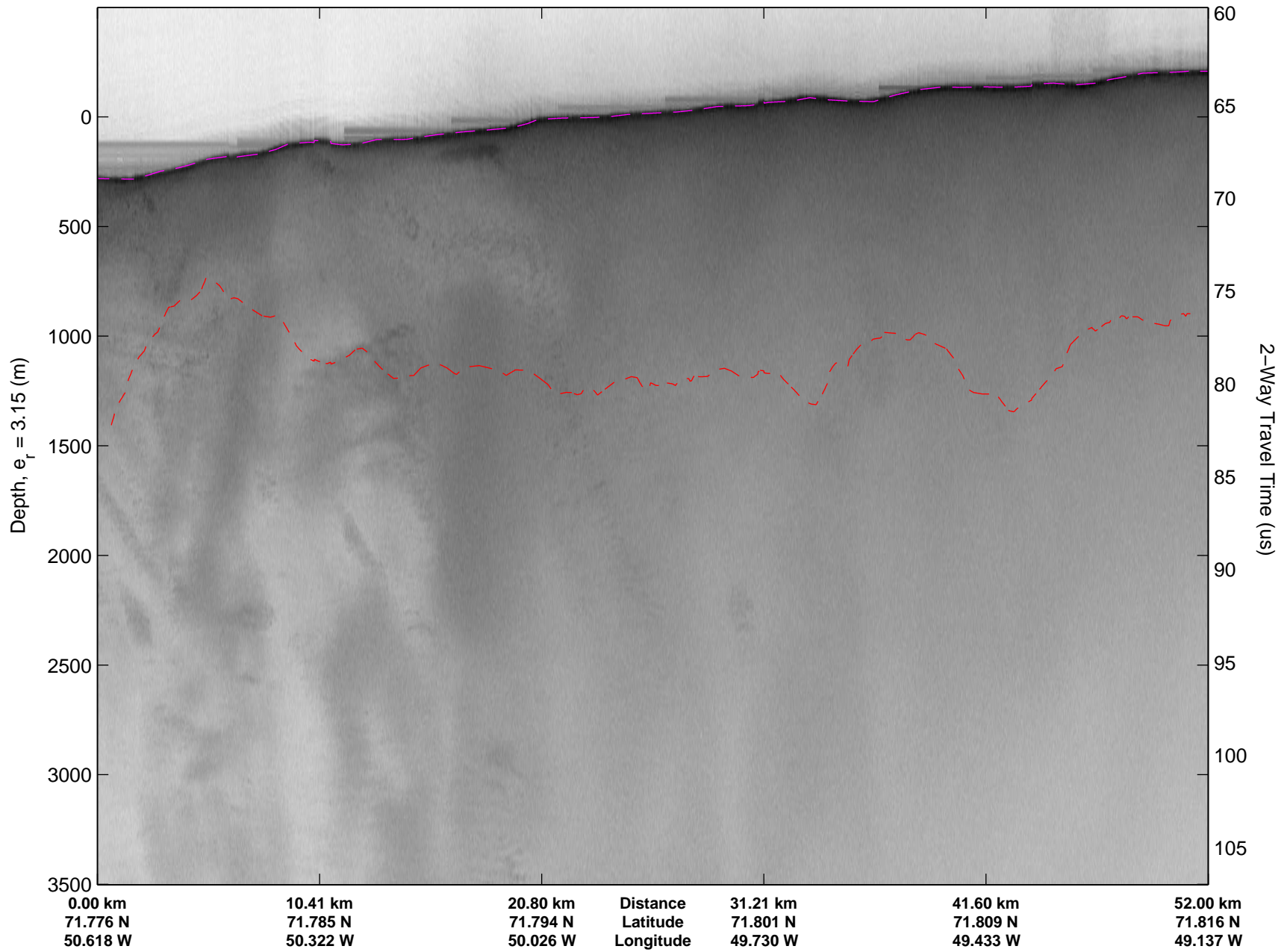
Polar Stereograph 70N/-45E

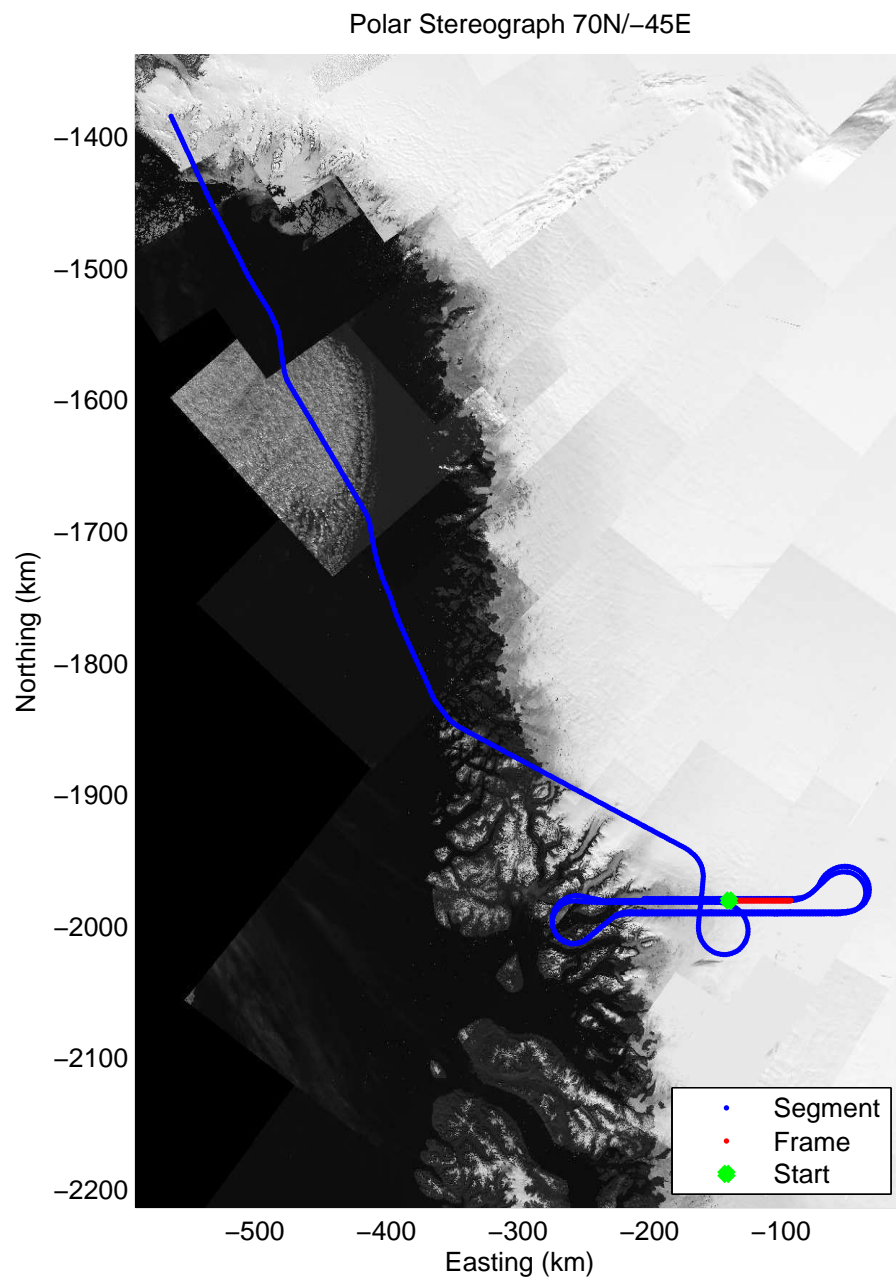
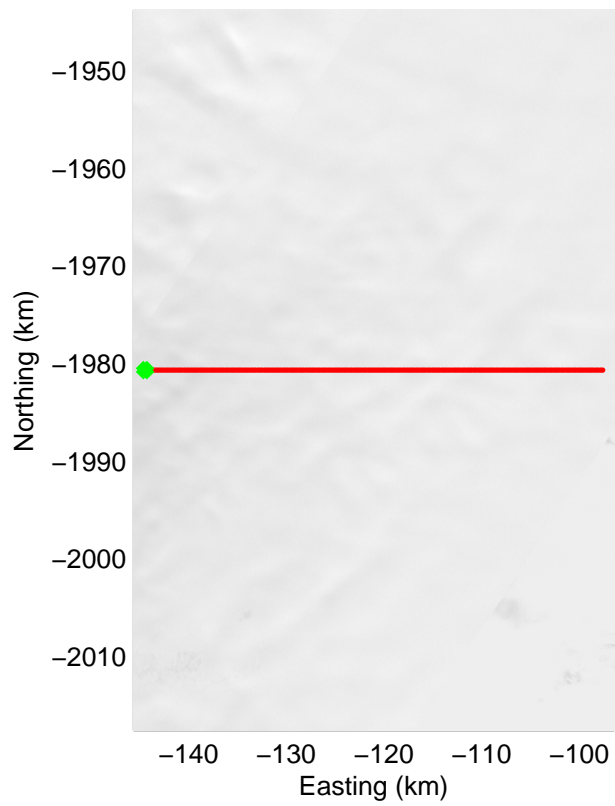
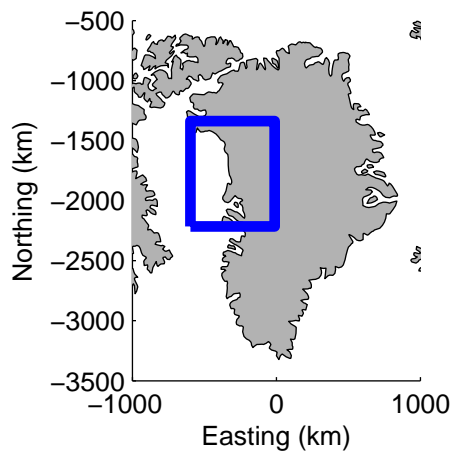


Data Frame ID: 20100409_02_011

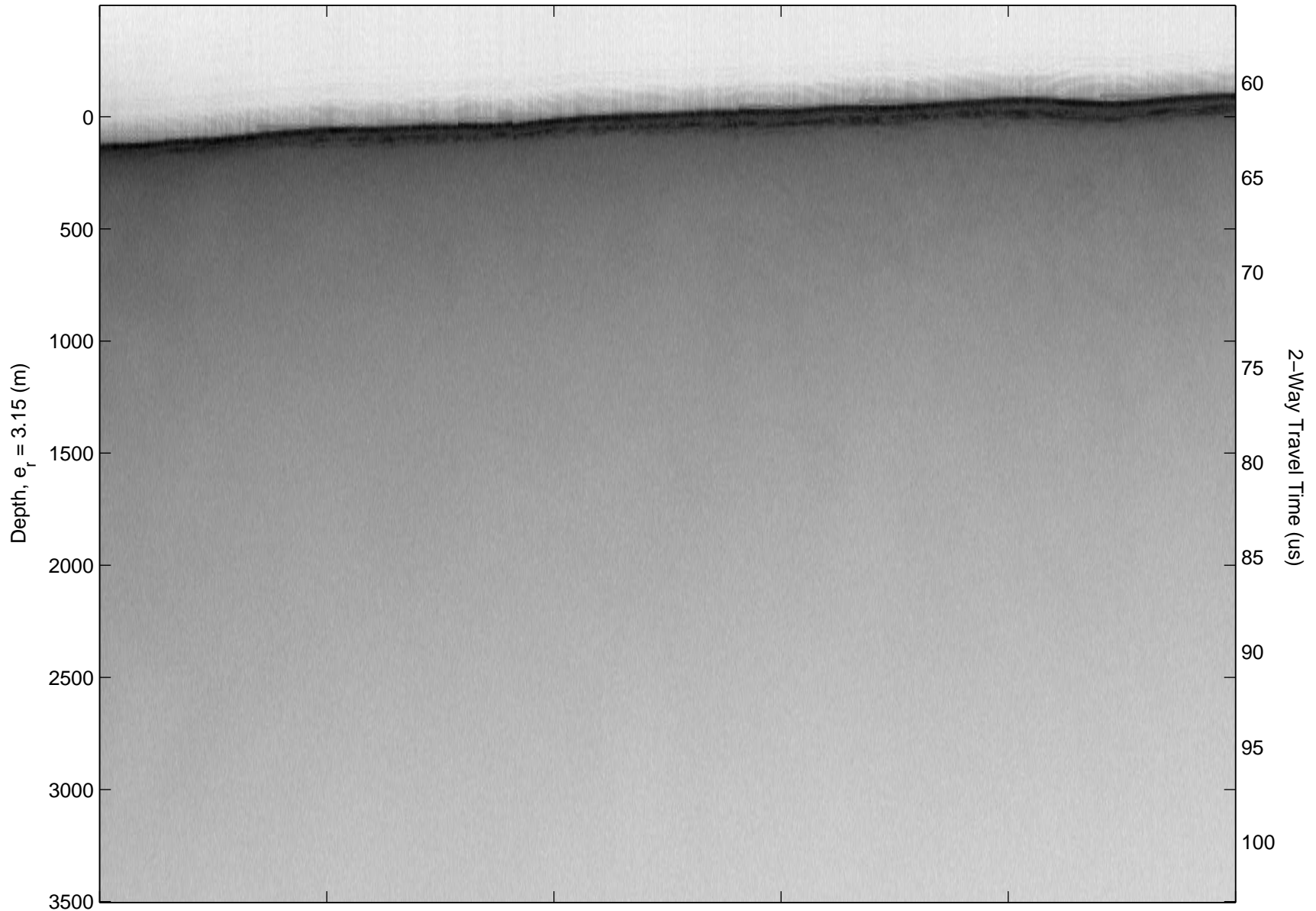


Data Frame ID: 20100409_02_011



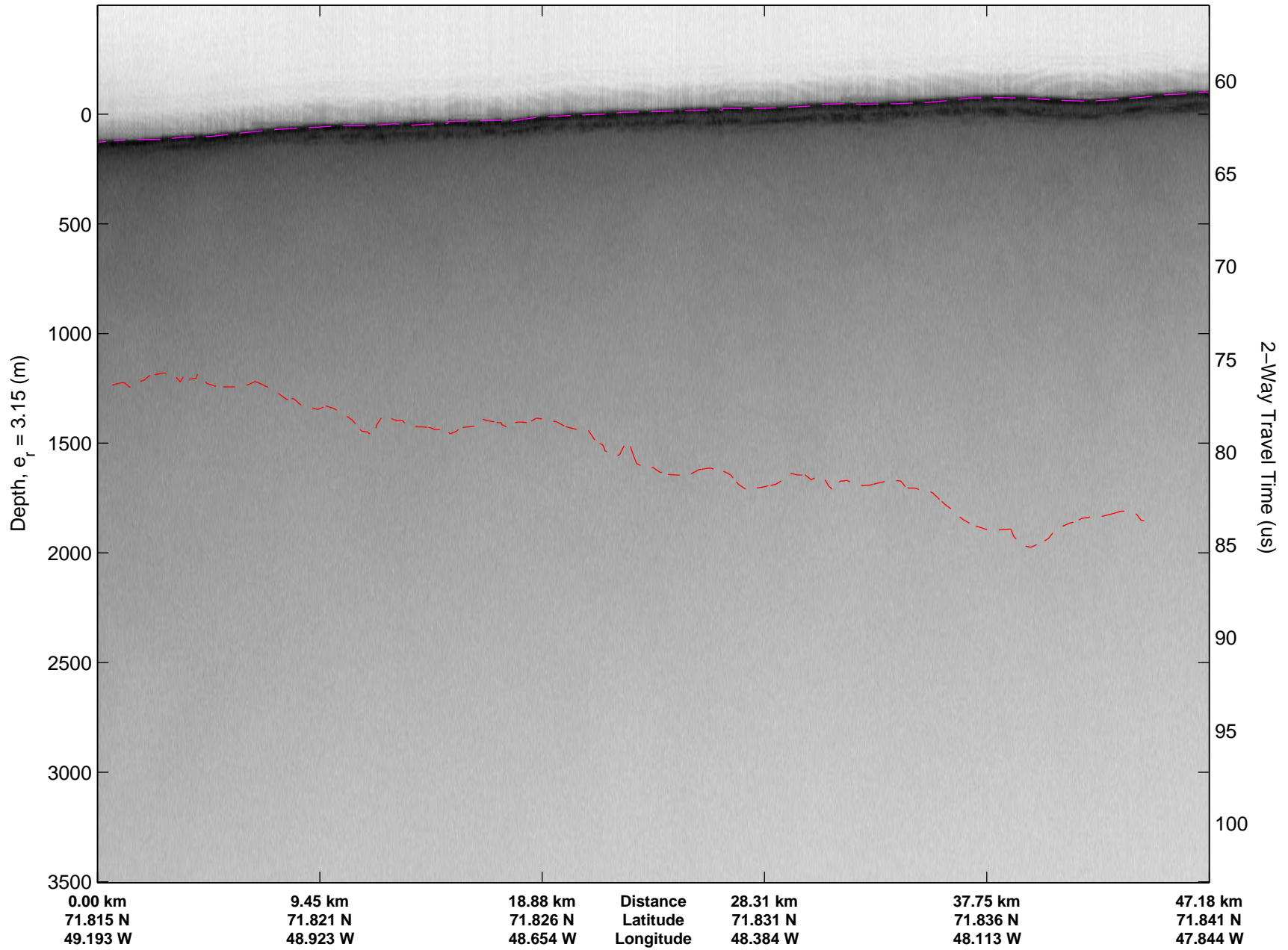


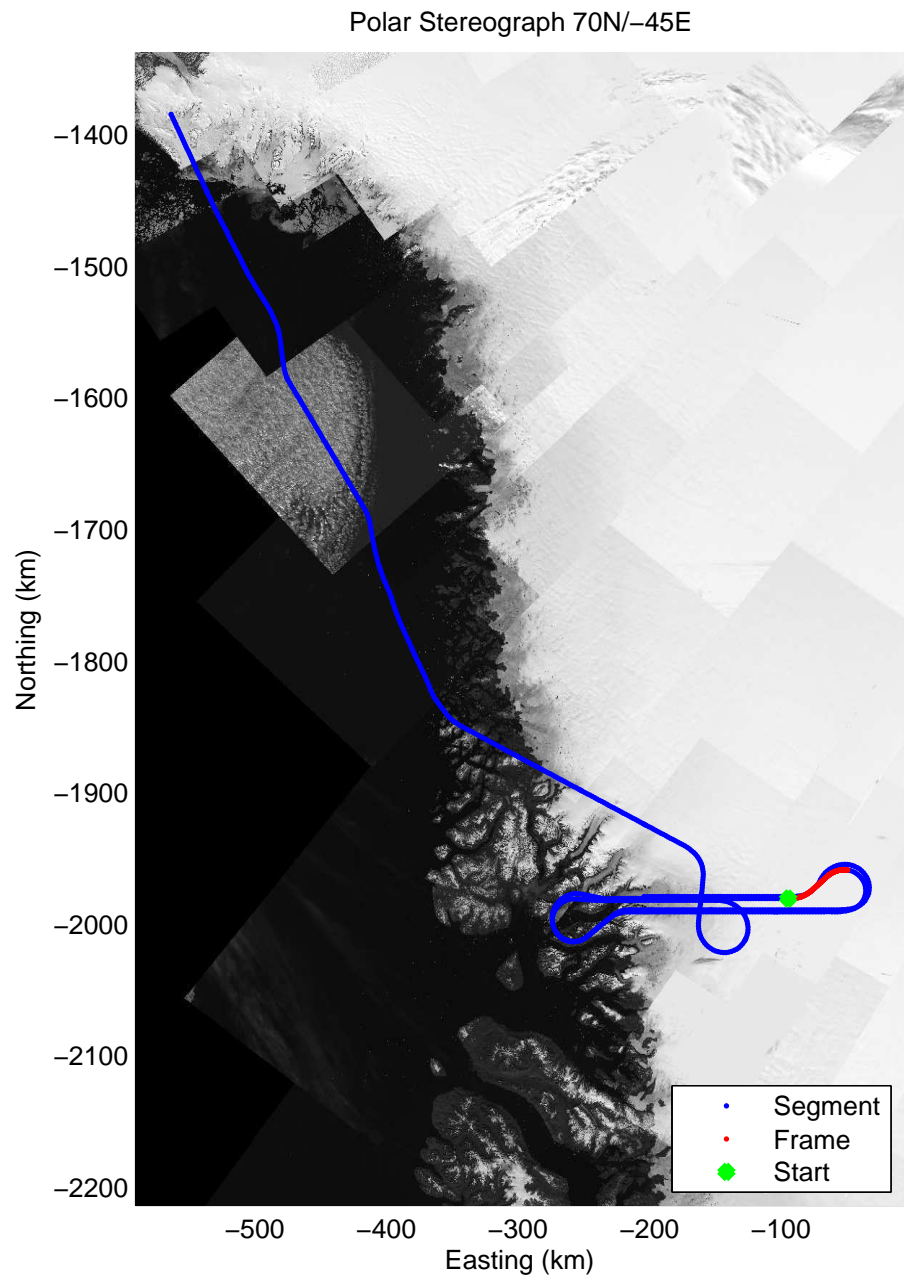
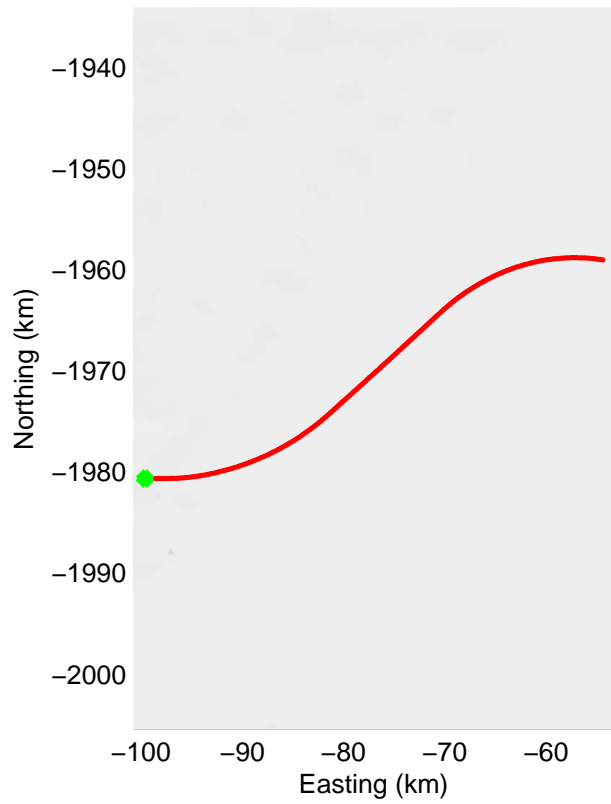
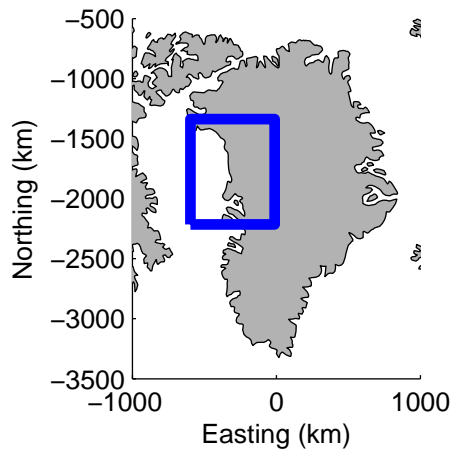
Data Frame ID: 20100409_02_012



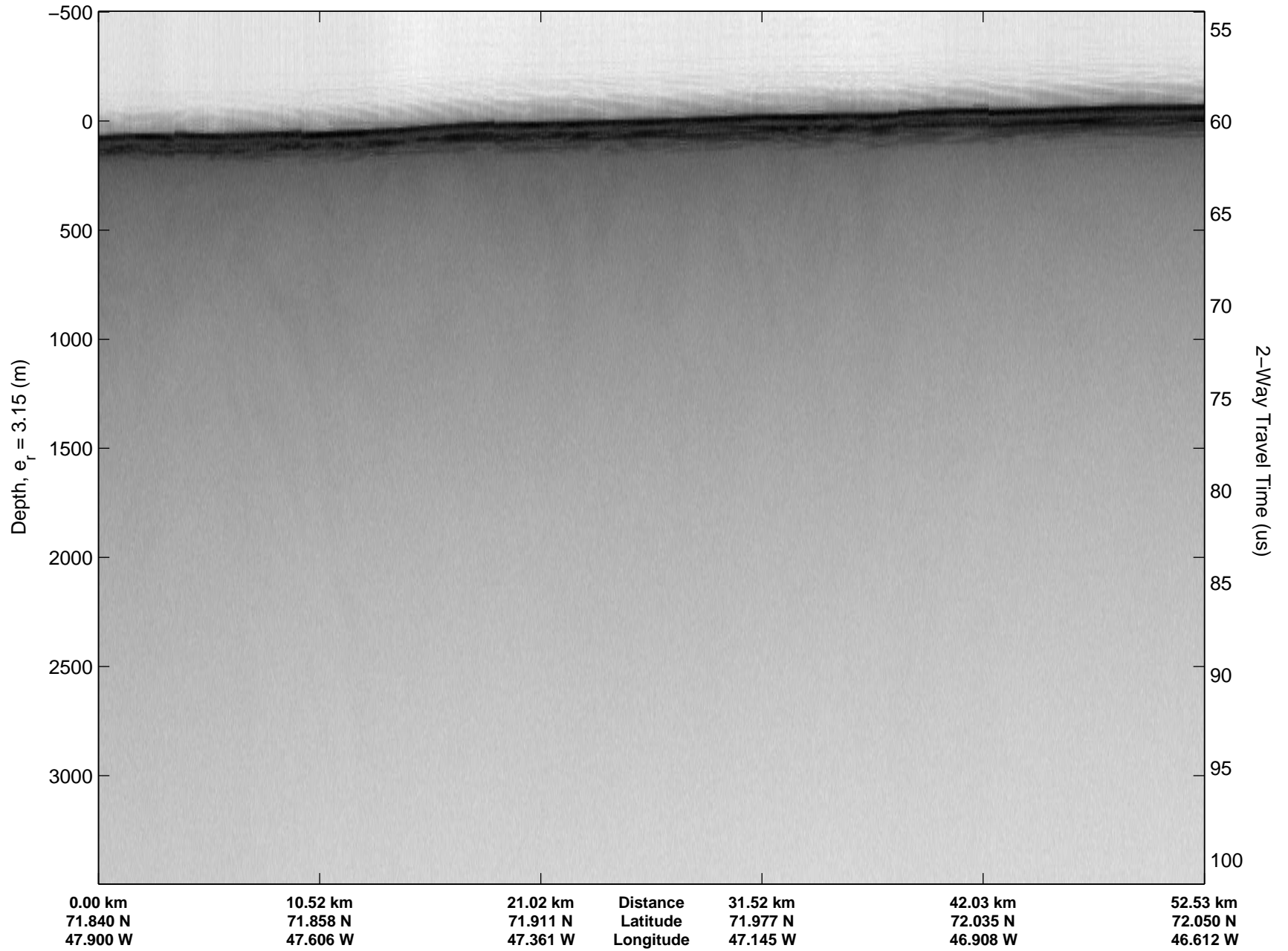
0.00 km	9.45 km	18.88 km	Distance	28.31 km	37.75 km	47.18 km
71.815 N	71.821 N	71.826 N	Latitude	71.831 N	71.836 N	71.841 N
49.193 W	48.923 W	48.654 W	Longitude	48.384 W	48.113 W	47.844 W

Data Frame ID: 20100409_02_012

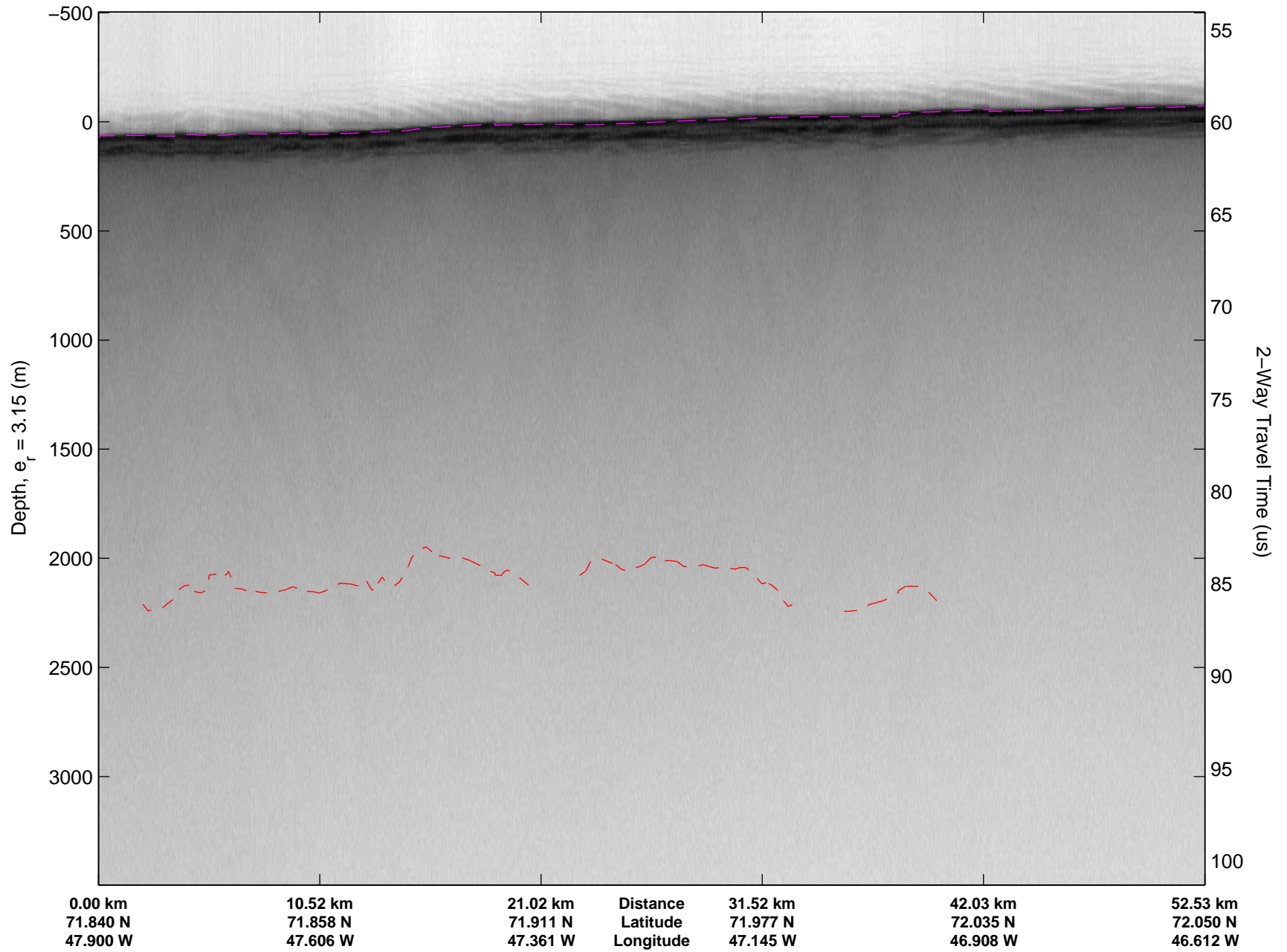


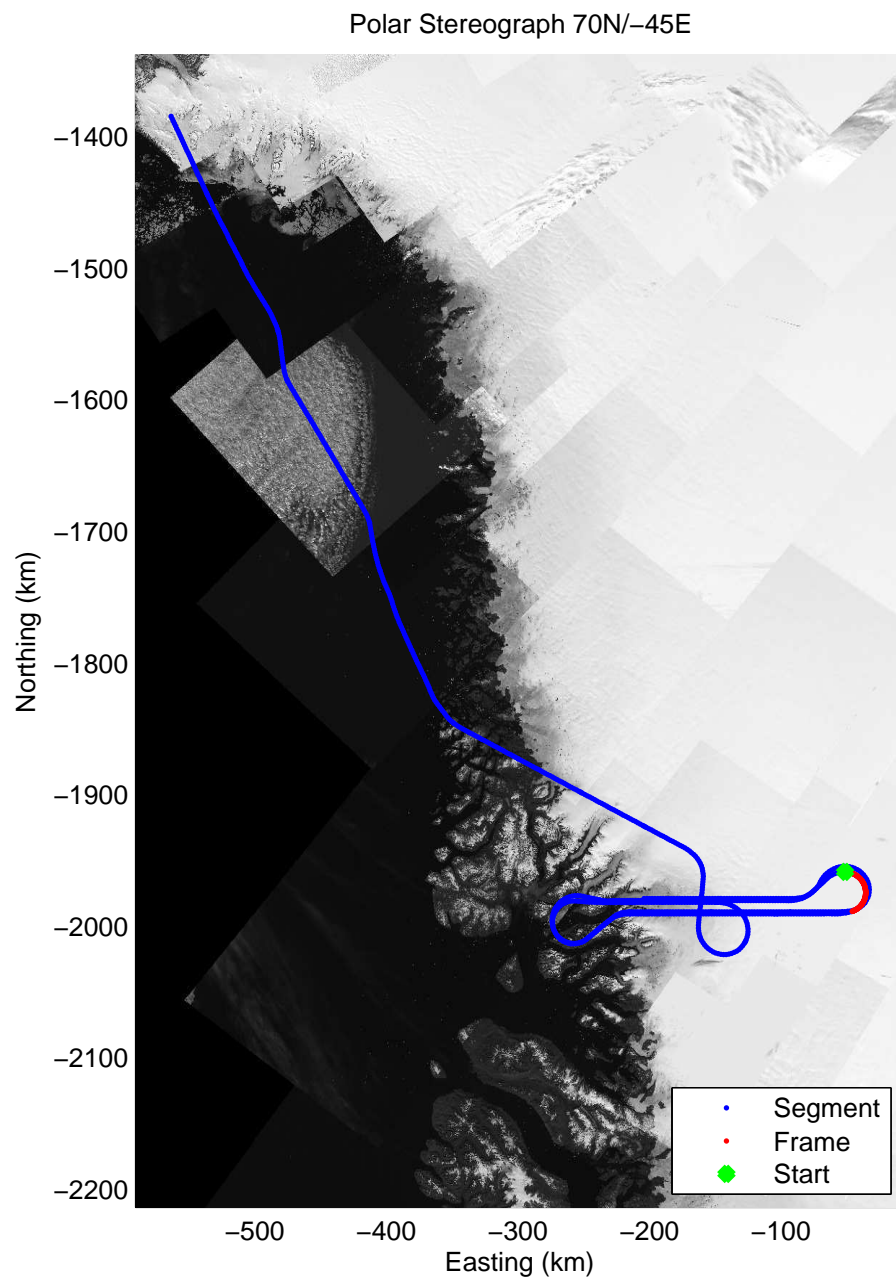
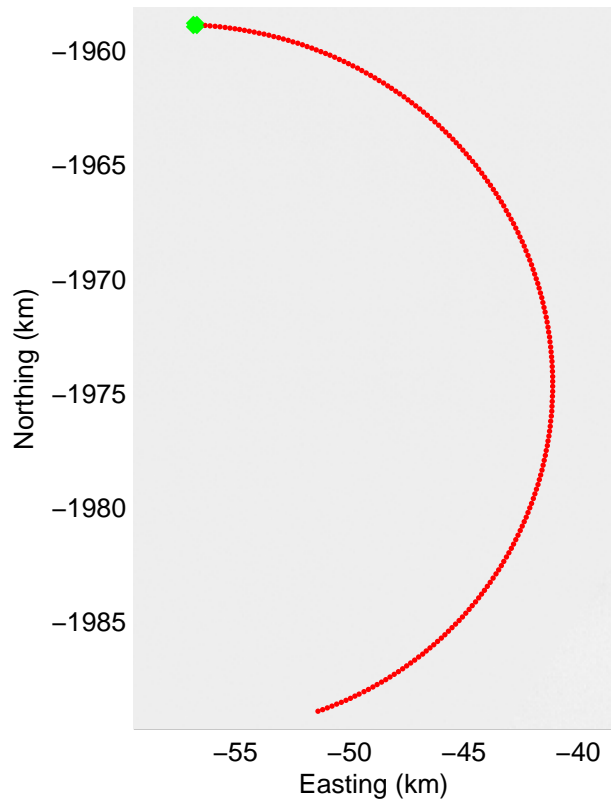
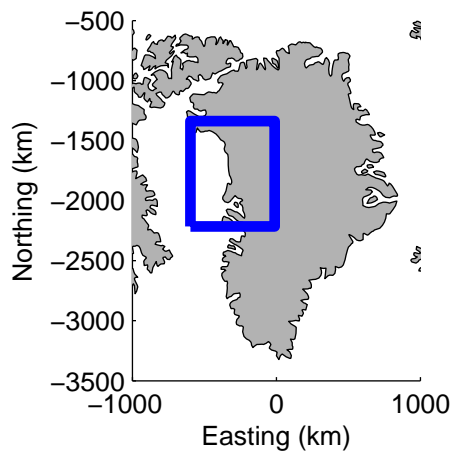


Data Frame ID: 20100409_02_013

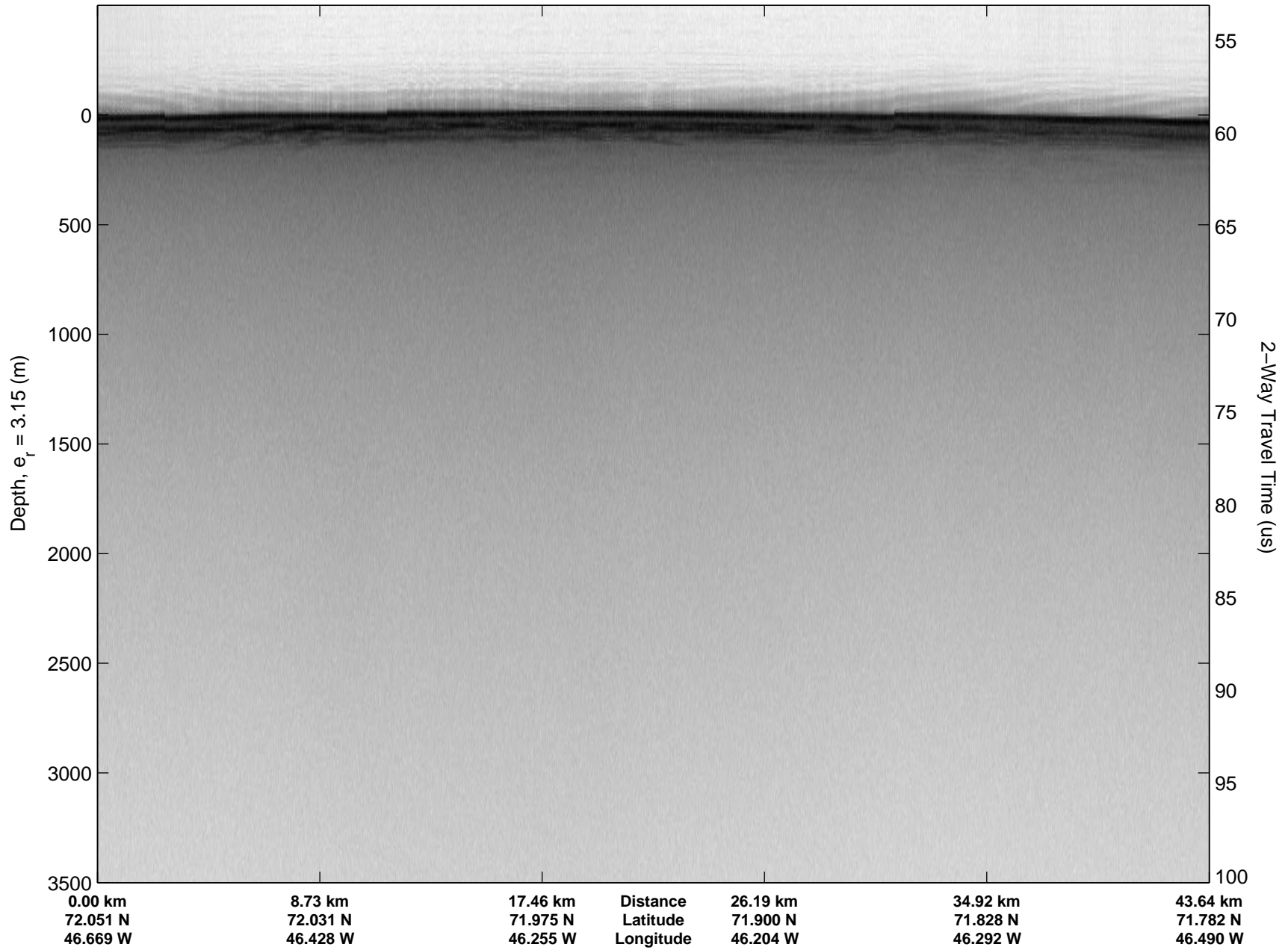


Data Frame ID: 20100409_02_013

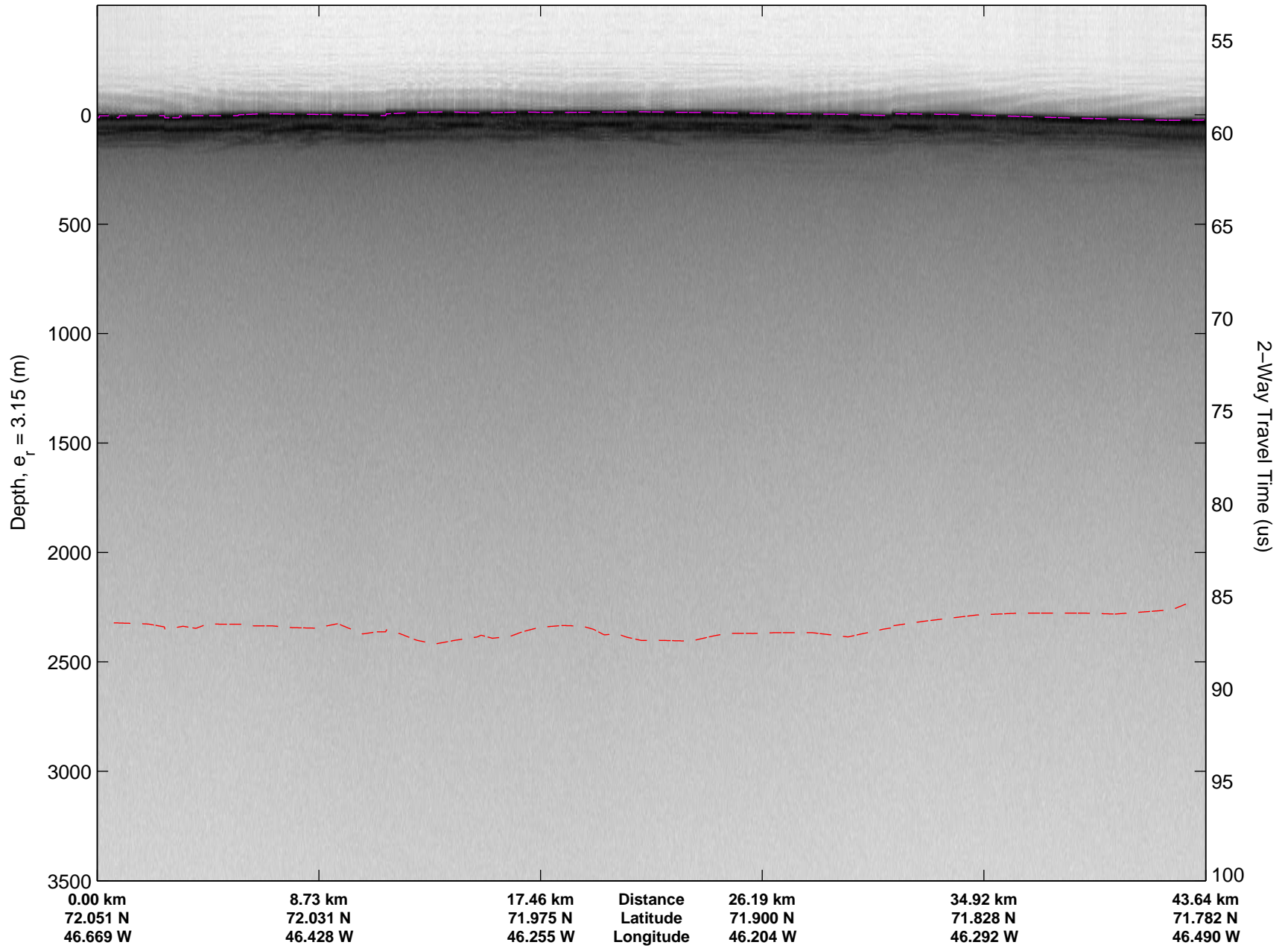


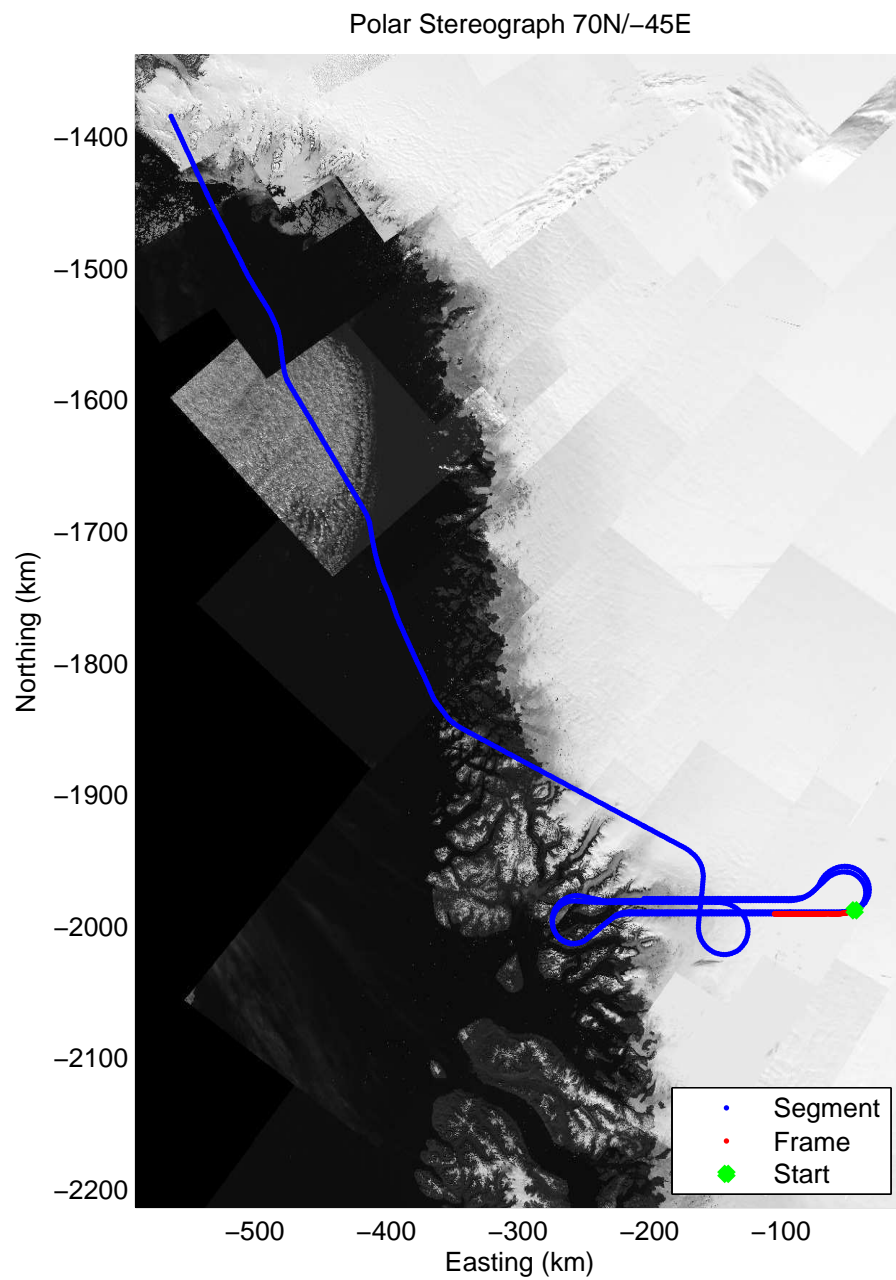
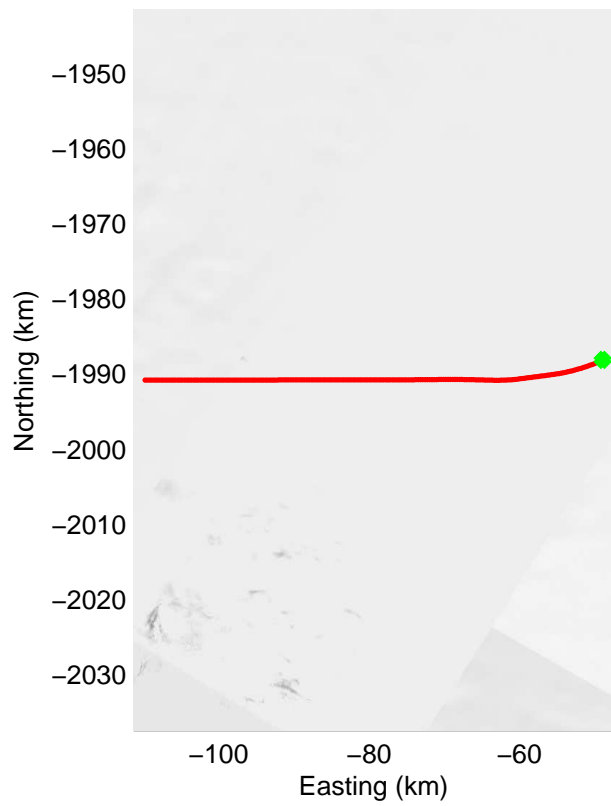
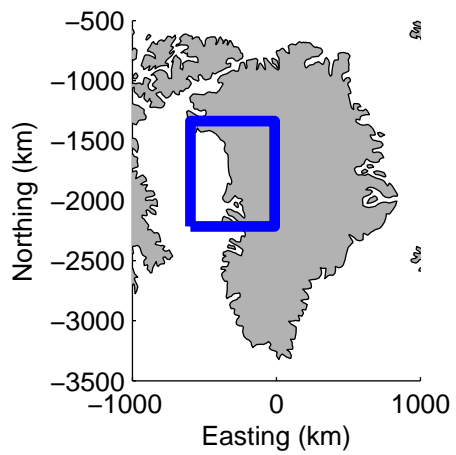


Data Frame ID: 20100409_02_014

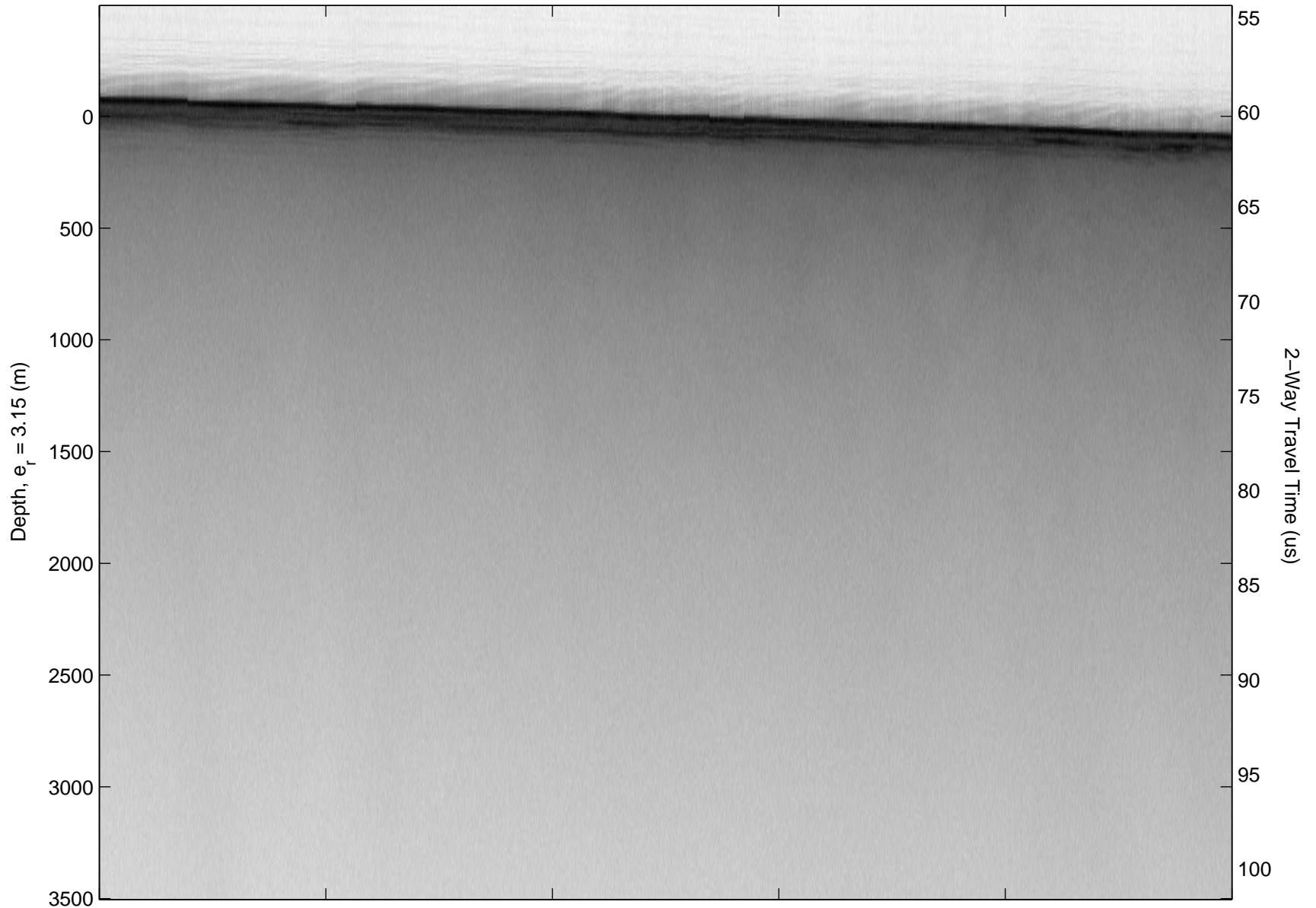


Data Frame ID: 20100409_02_014



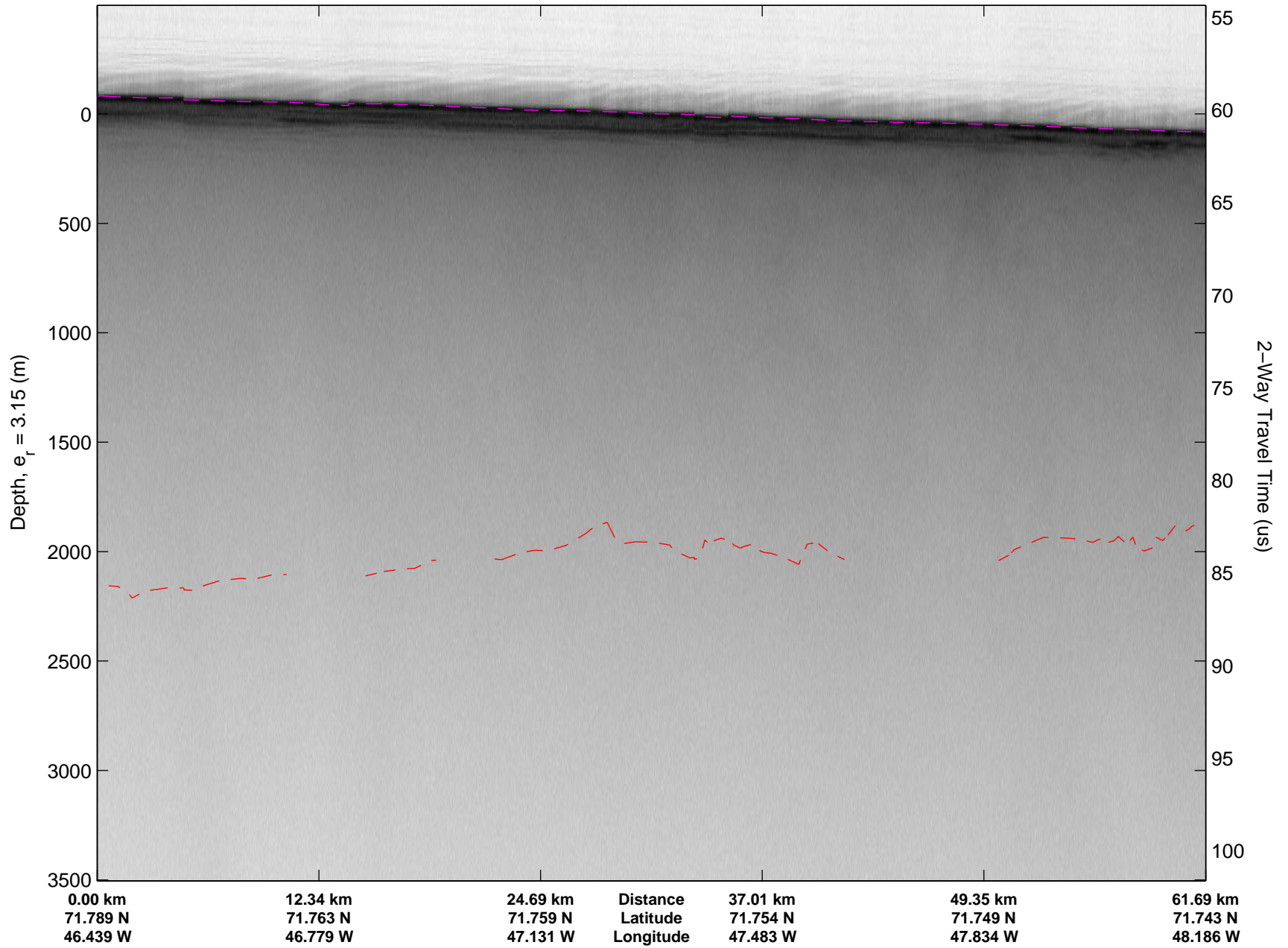


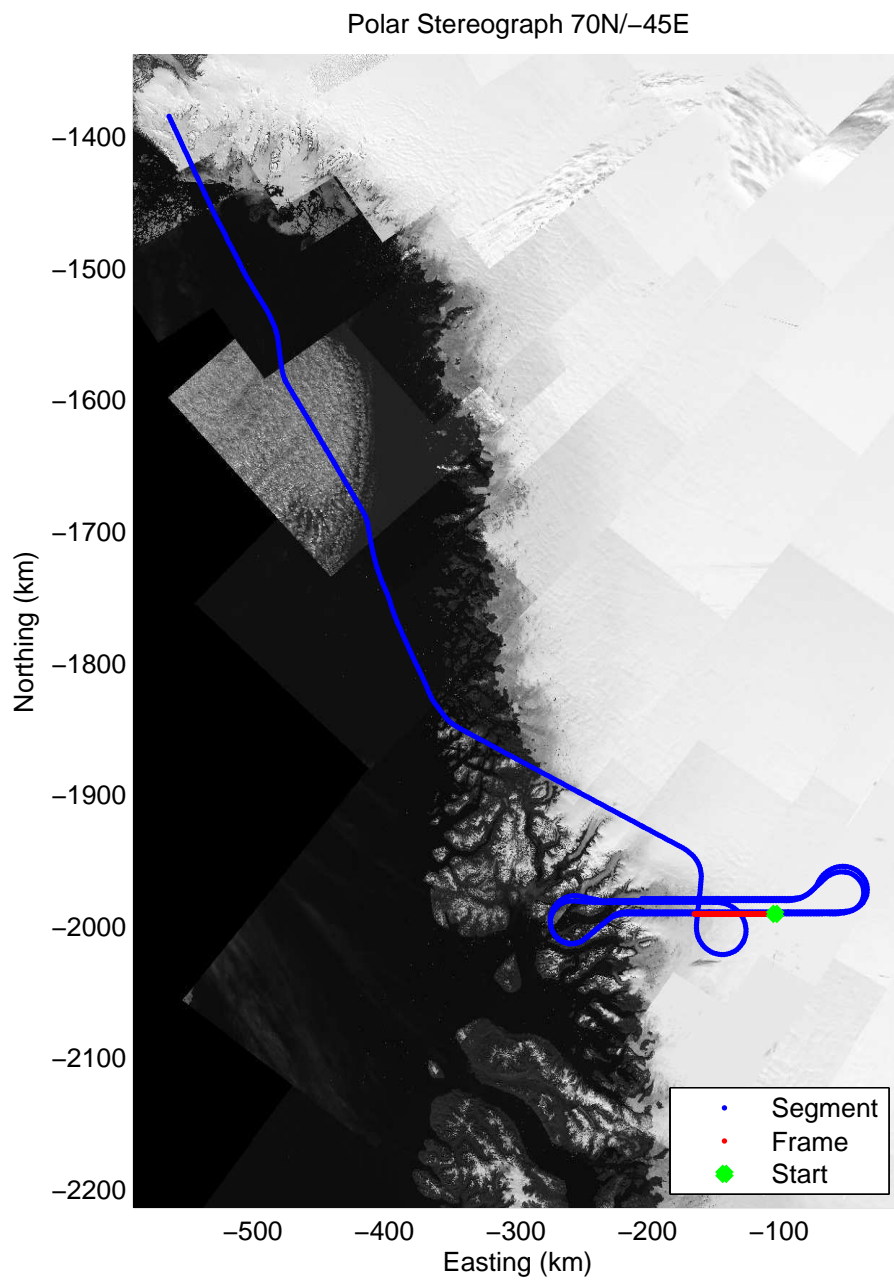
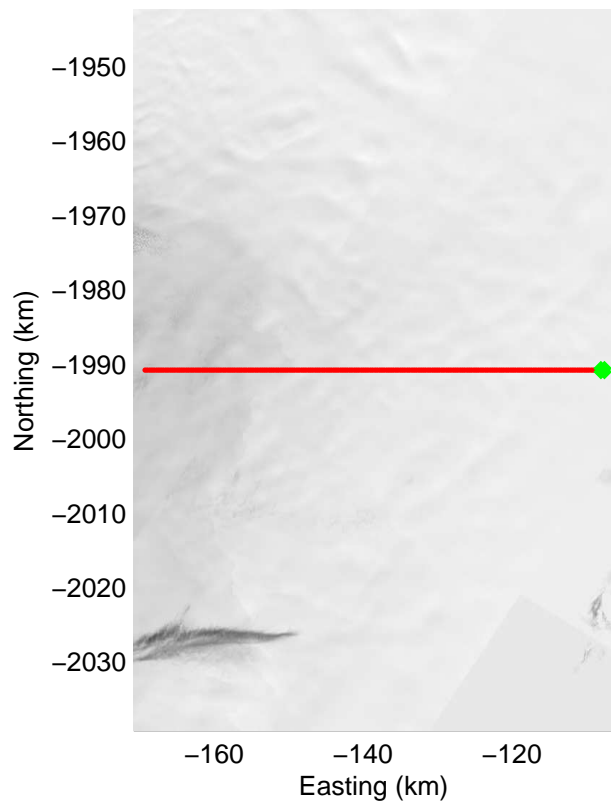
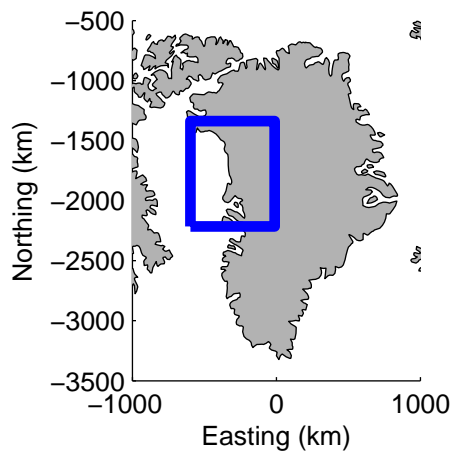
Data Frame ID: 20100409_02_015



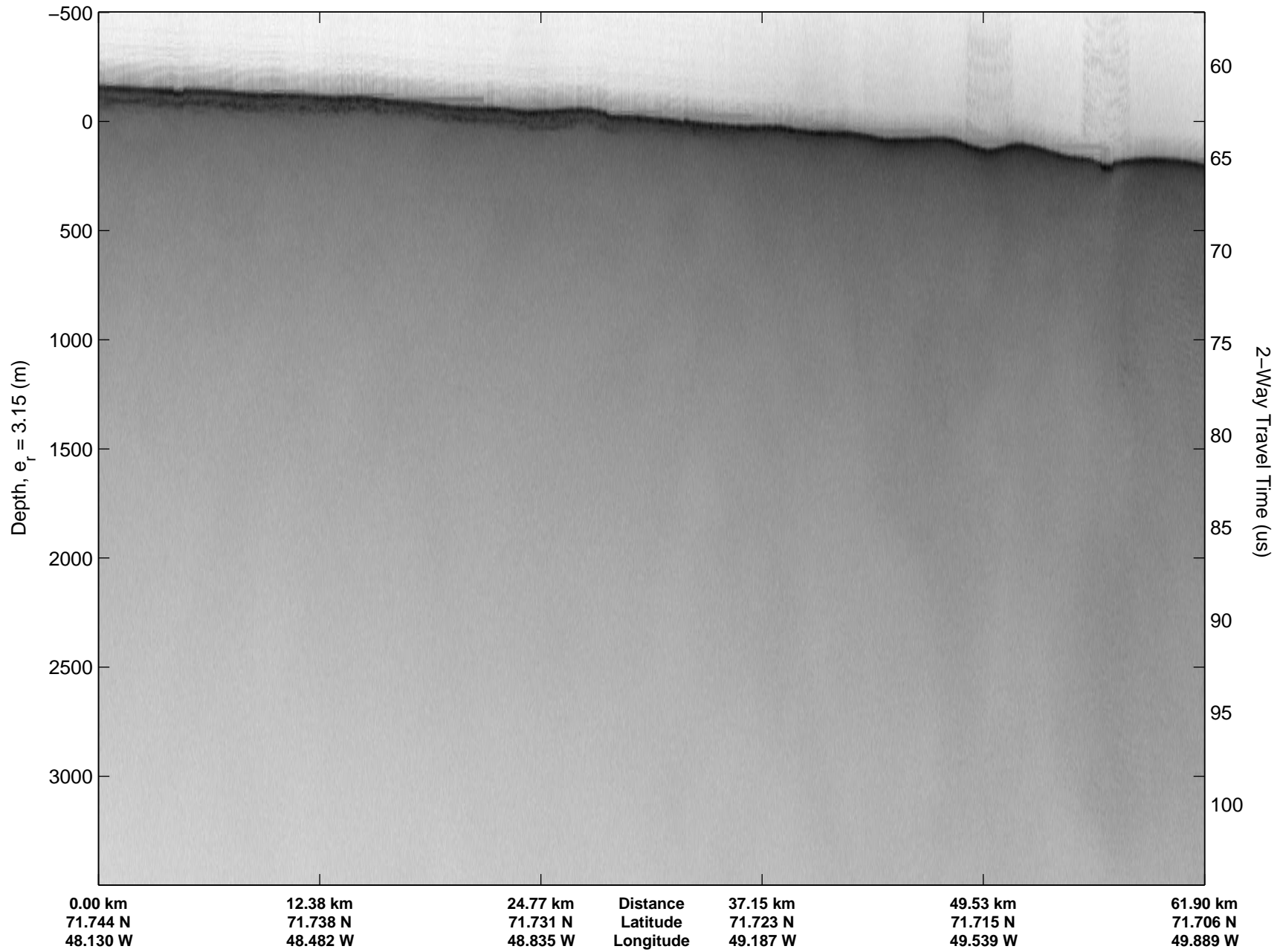
0.00 km	12.34 km	24.69 km	Distance	37.01 km	49.35 km	61.69 km
71.789 N	71.763 N	71.759 N	Latitude	71.754 N	71.749 N	71.743 N
46.439 W	46.779 W	47.131 W	Longitude	47.483 W	47.834 W	48.186 W

Data Frame ID: 20100409_02_015

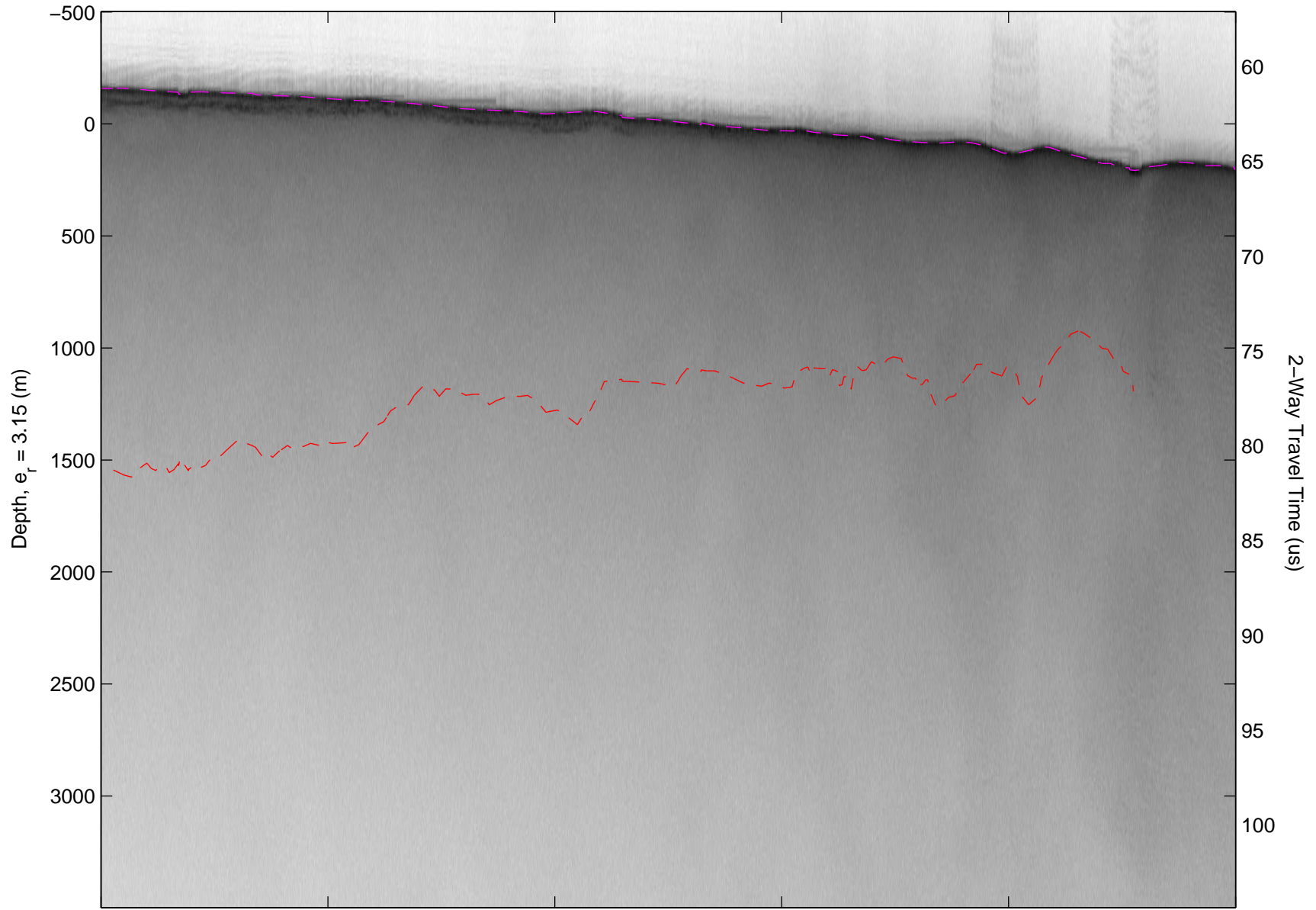




Data Frame ID: 20100409_02_016



Data Frame ID: 20100409_02_016



0.00 km
71.744 N
48.130 W

12.38 km
71.738 N
48.482 W

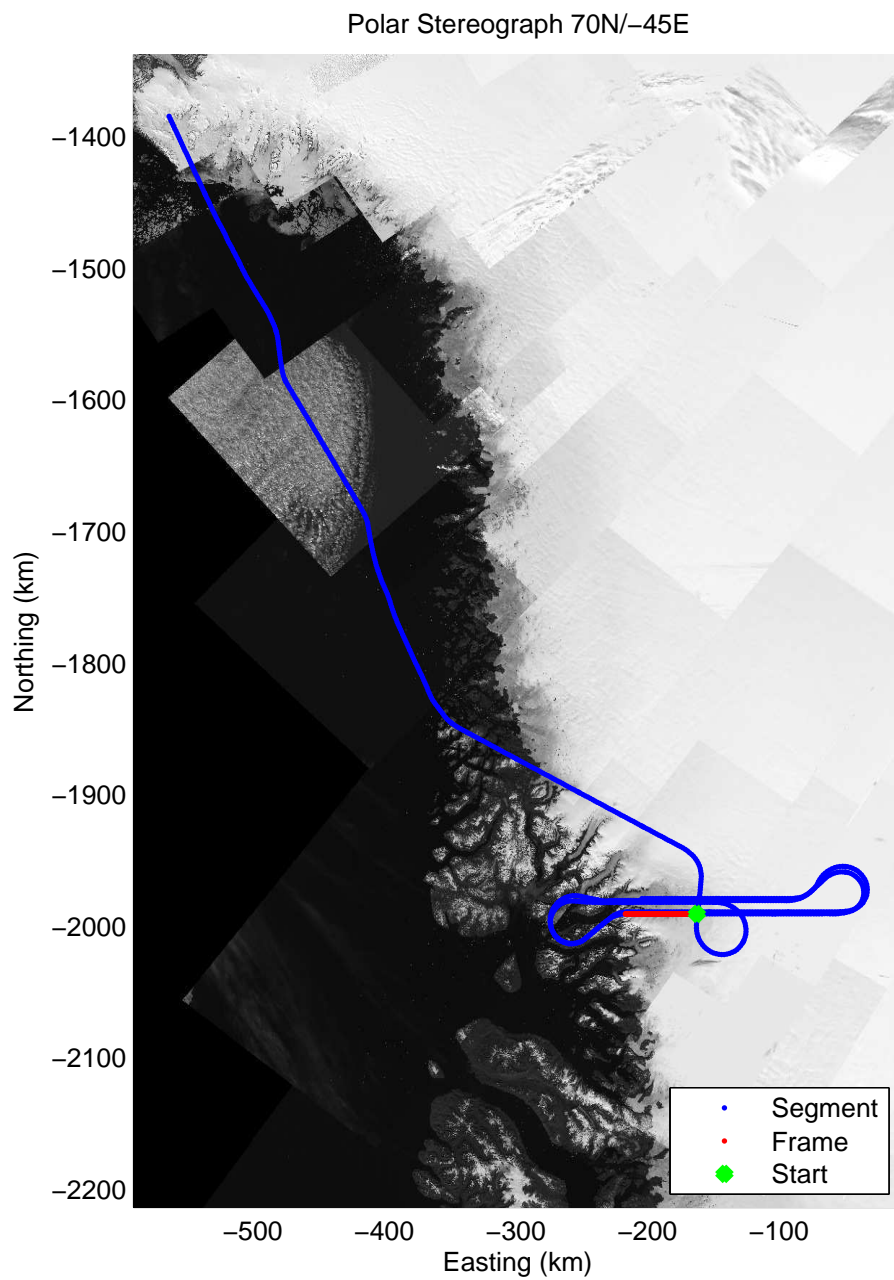
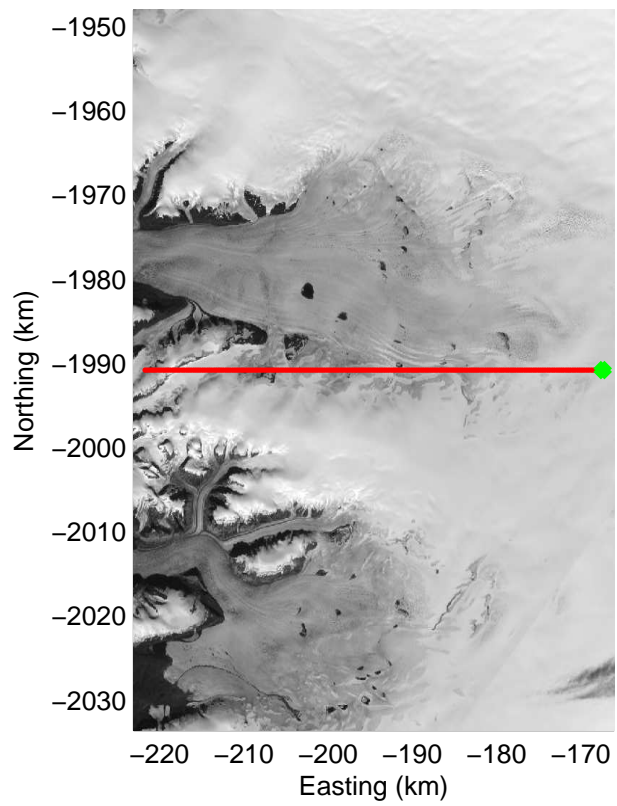
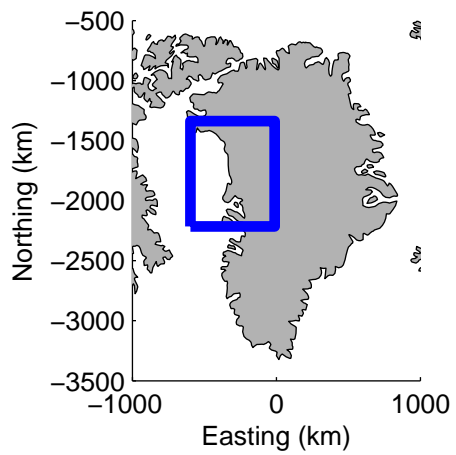
24.77 km
71.731 N
48.835 W

Distance
Latitude
Longitude

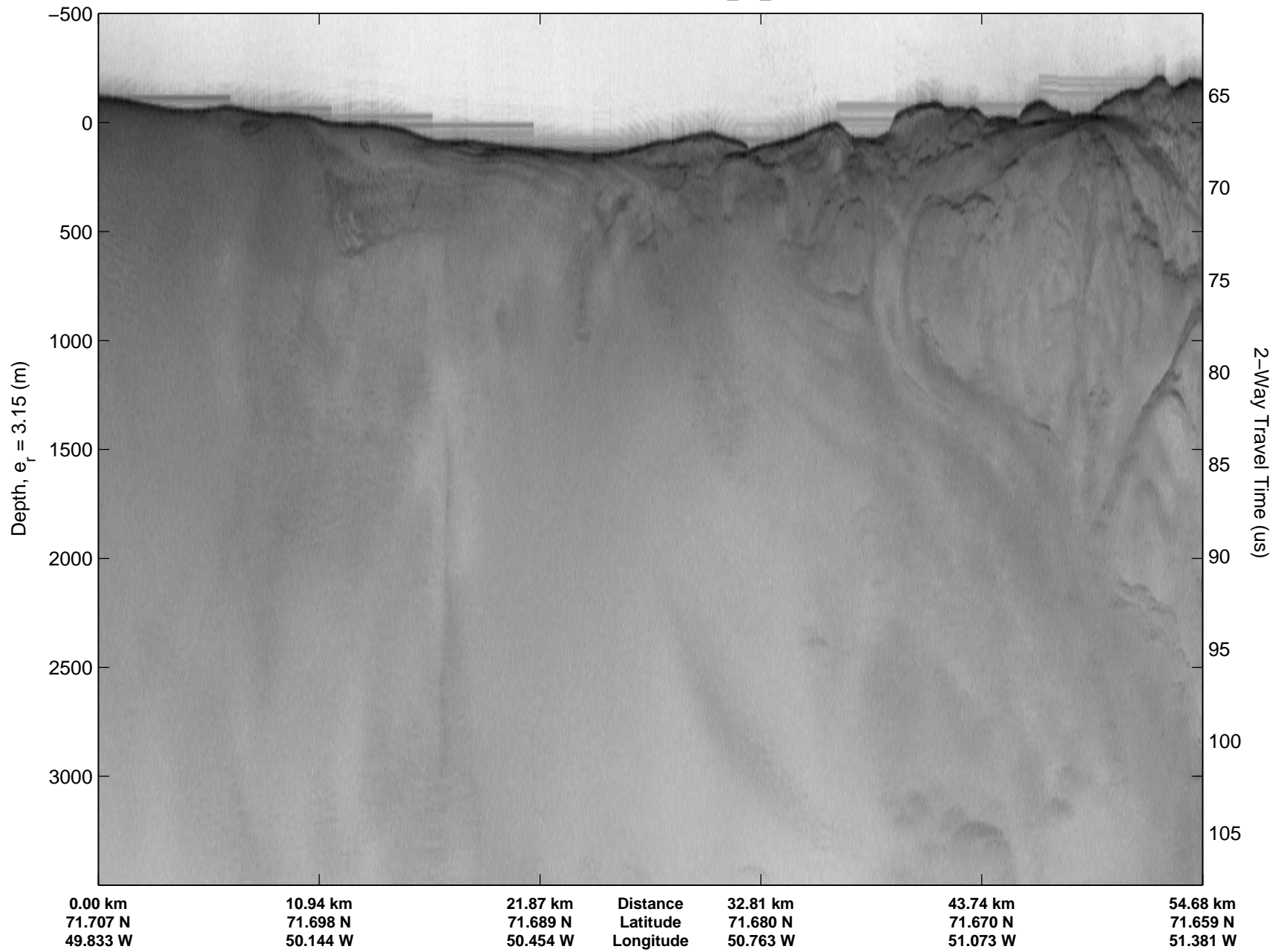
37.15 km
71.723 N
49.187 W

49.53 km
71.715 N
49.539 W

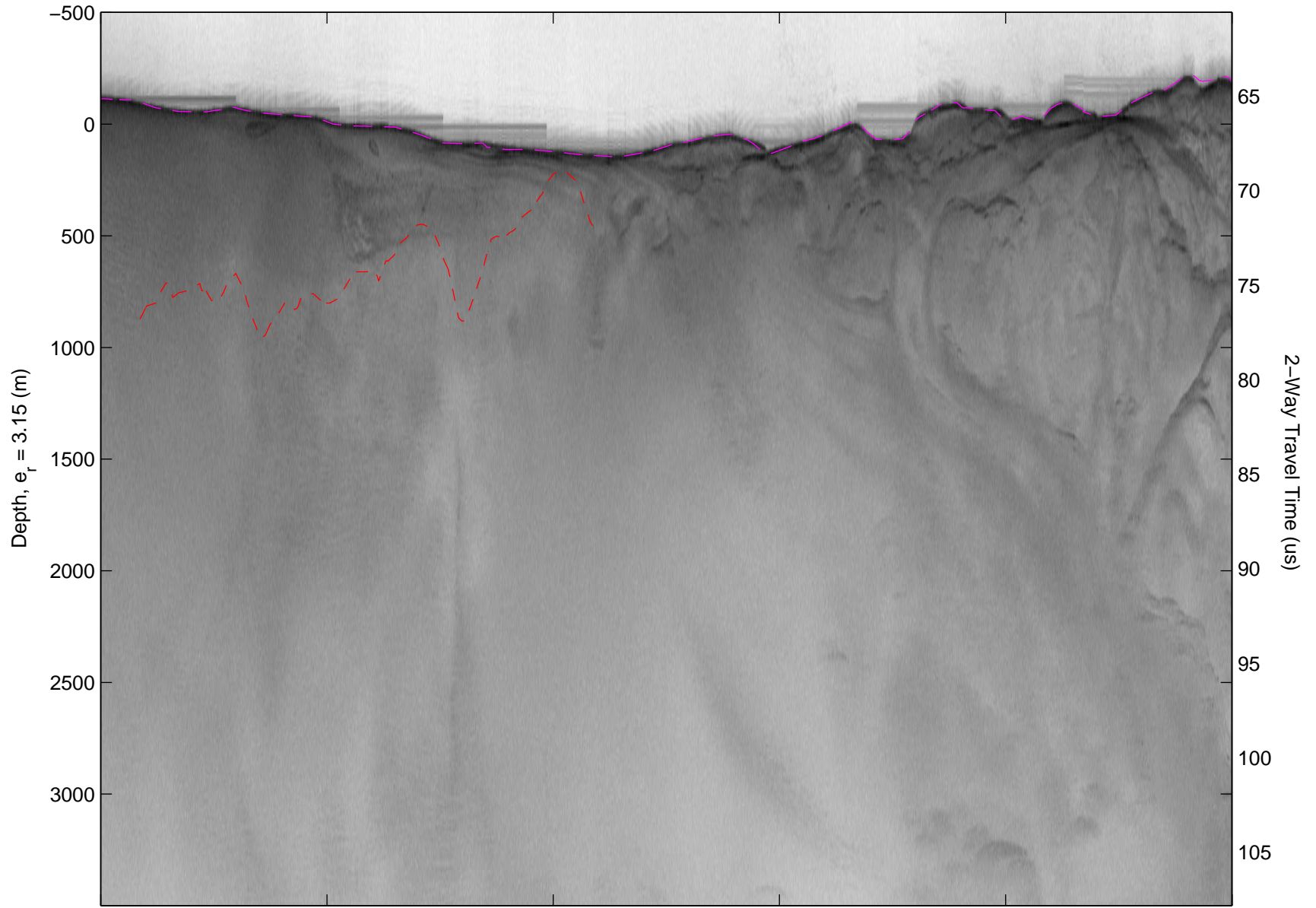
61.90 km
71.706 N
49.889 W



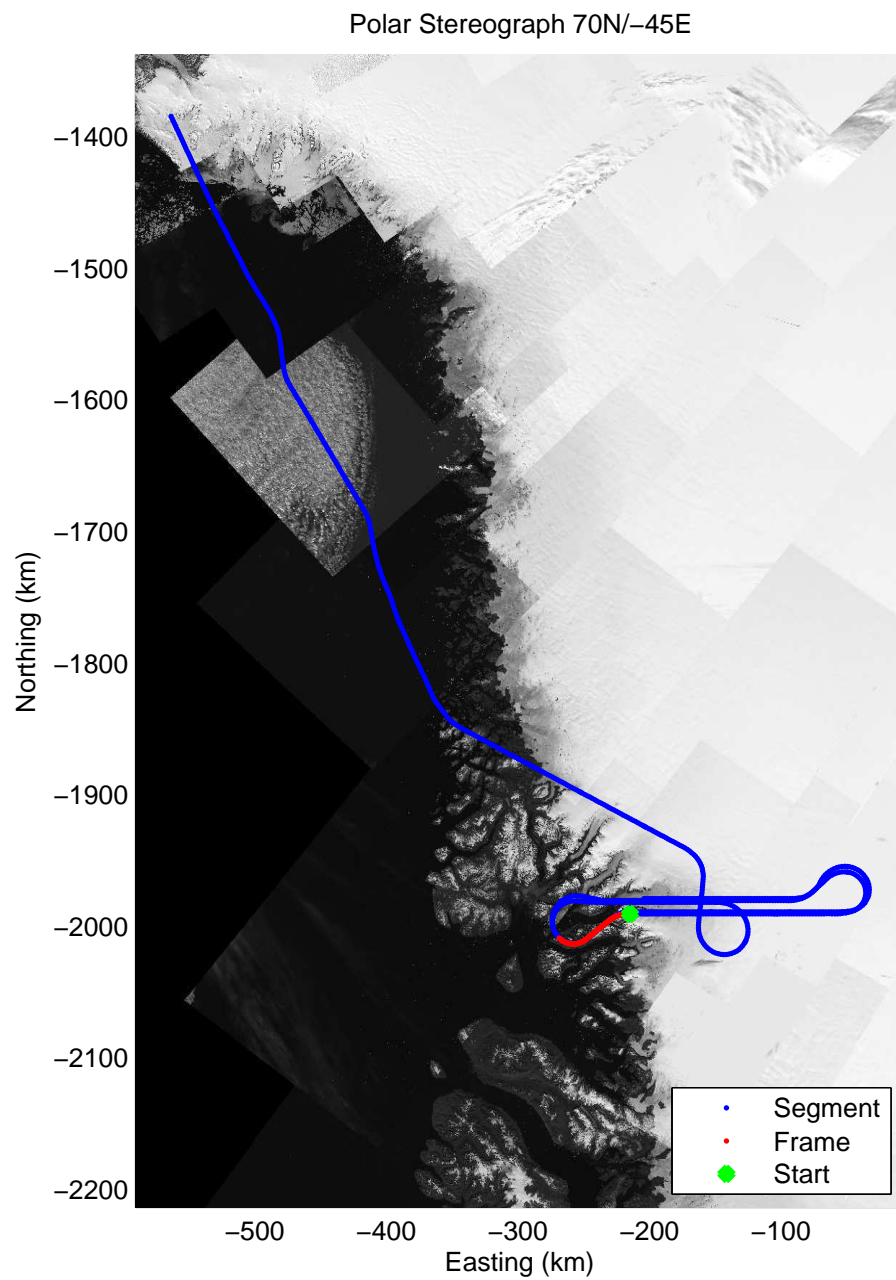
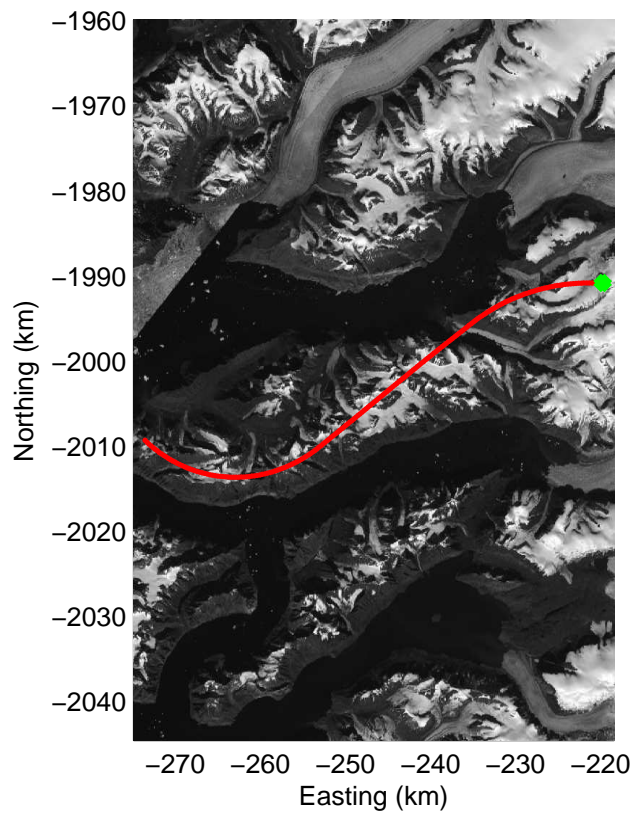
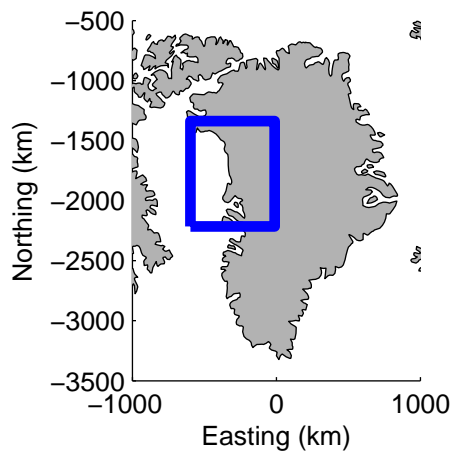
Data Frame ID: 20100409_02_017



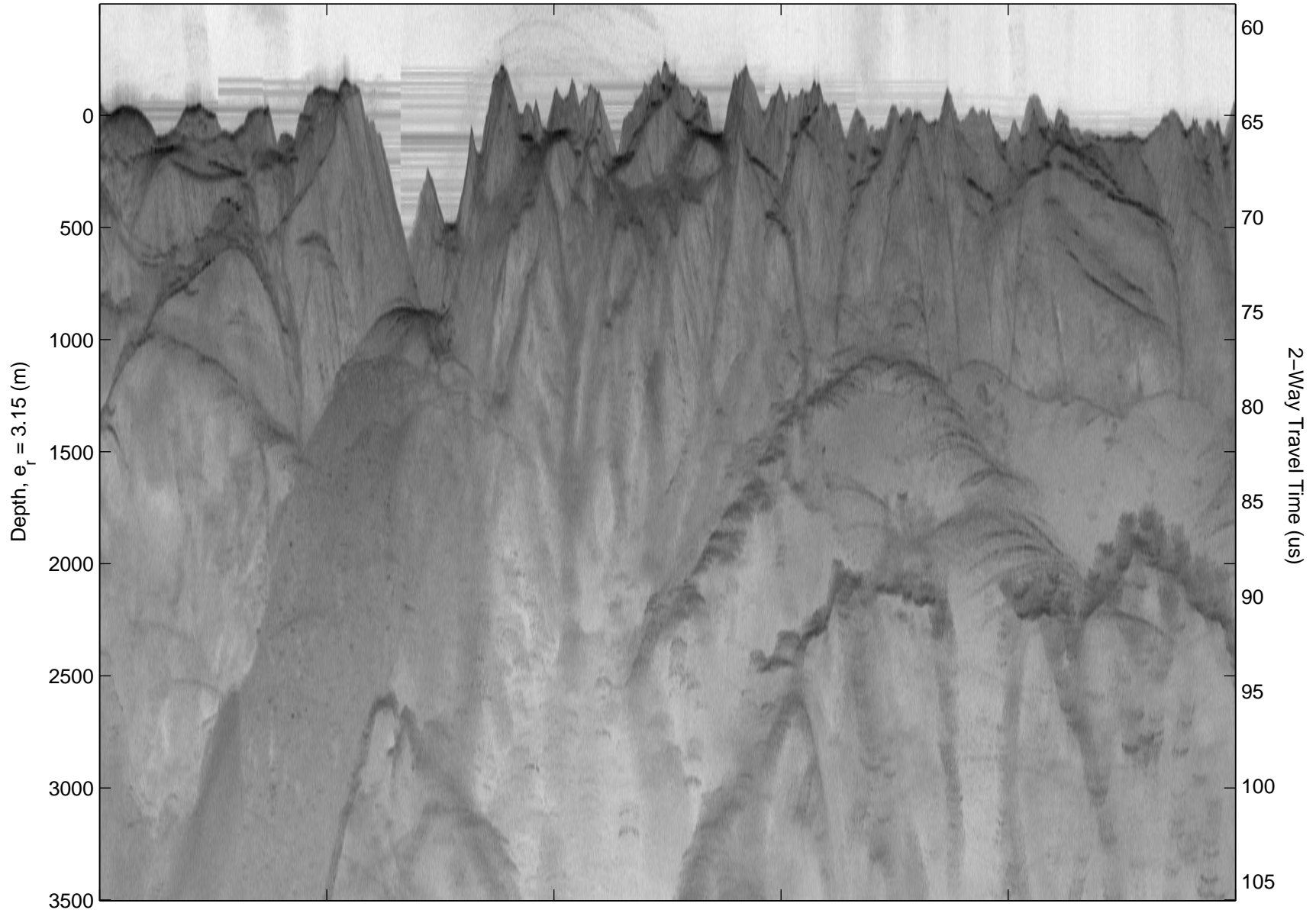
Data Frame ID: 20100409_02_017



0.00 km	10.94 km	21.87 km	Distance	32.81 km	43.74 km	54.68 km
71.707 N	71.698 N	71.689 N	Latitude	71.680 N	71.670 N	71.659 N
49.833 W	50.144 W	50.454 W	Longitude	50.763 W	51.073 W	51.381 W

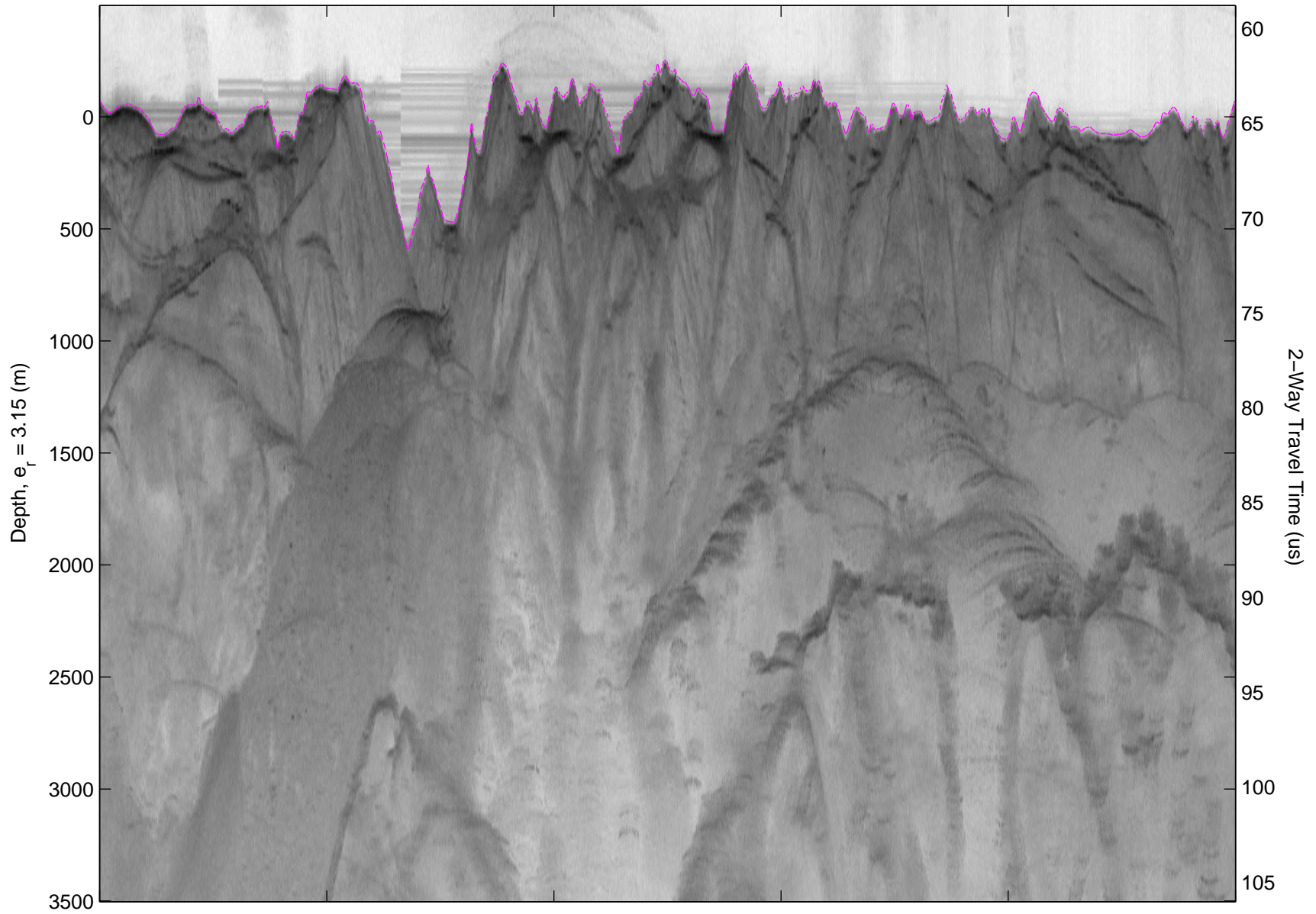


Data Frame ID: 20100409_02_018

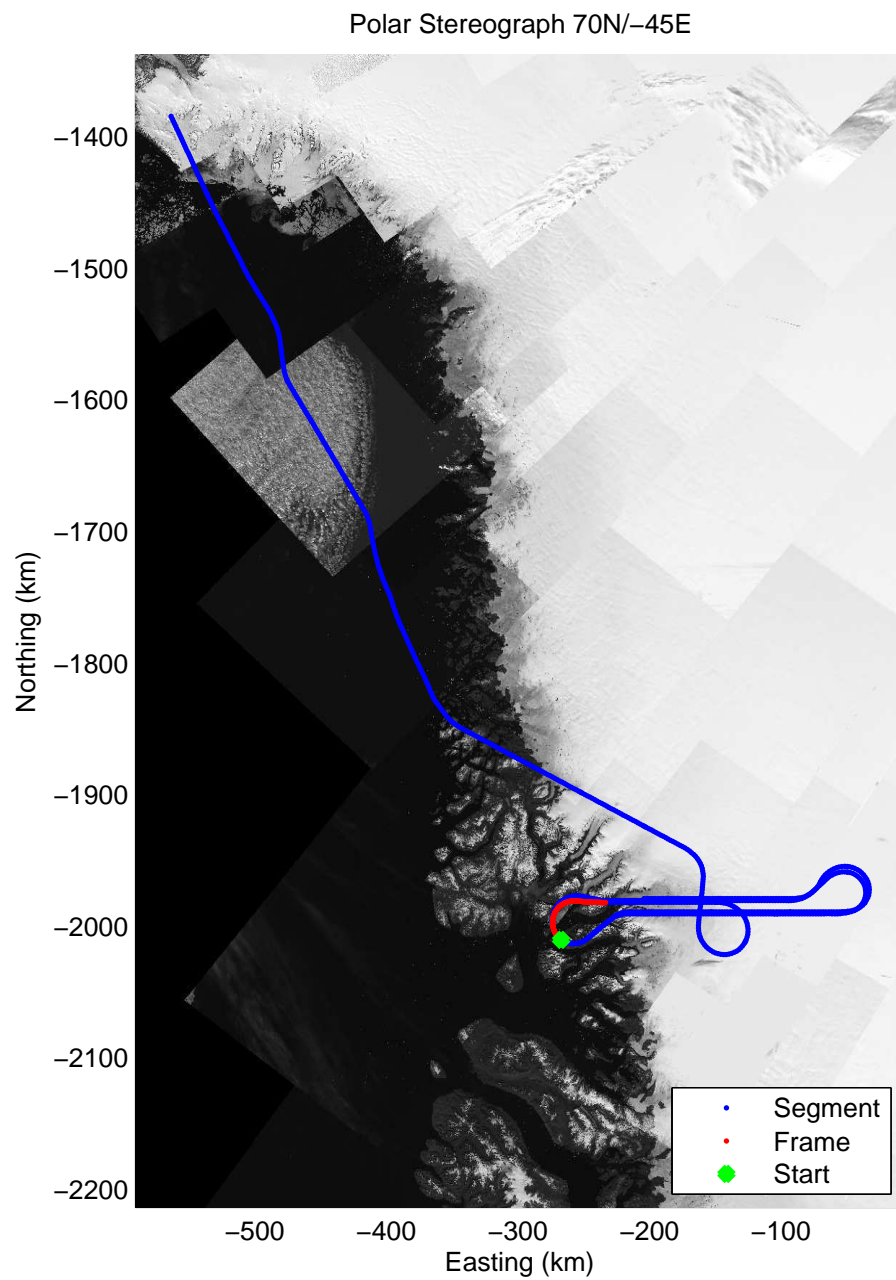
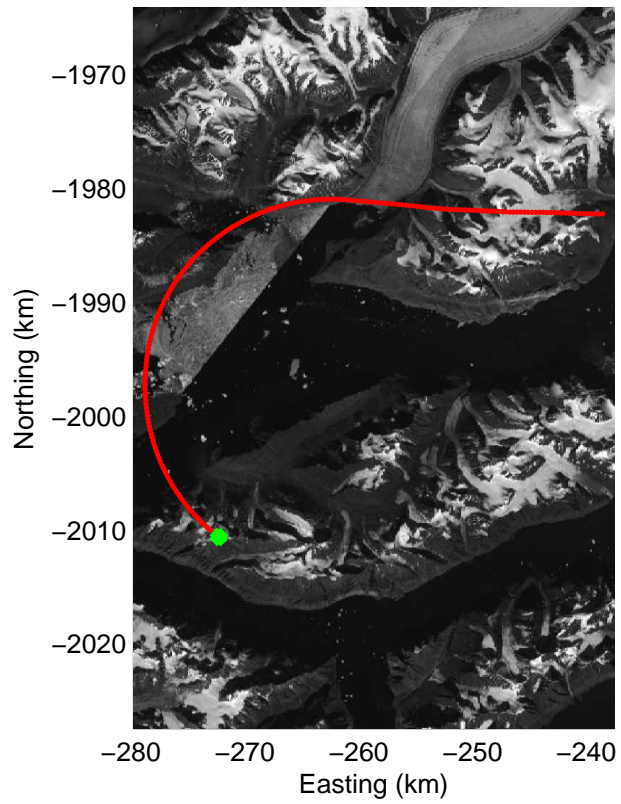
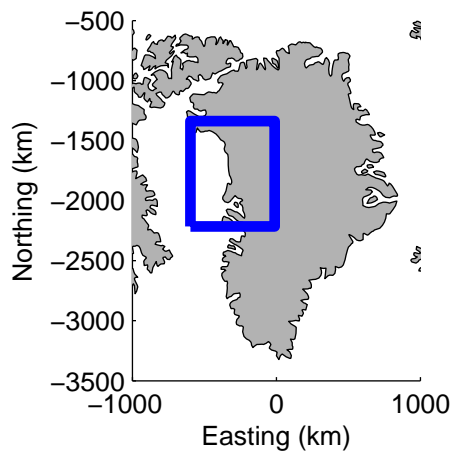


0.00 km	12.49 km	24.97 km	Distance	37.45 km	49.93 km	62.41 km
71.661 N	71.626 N	71.550 N	Latitude	71.469 N	71.411 N	71.436 N
51.325 W	51.657 W	51.913 W	Longitude	52.155 W	52.447 W	52.778 W

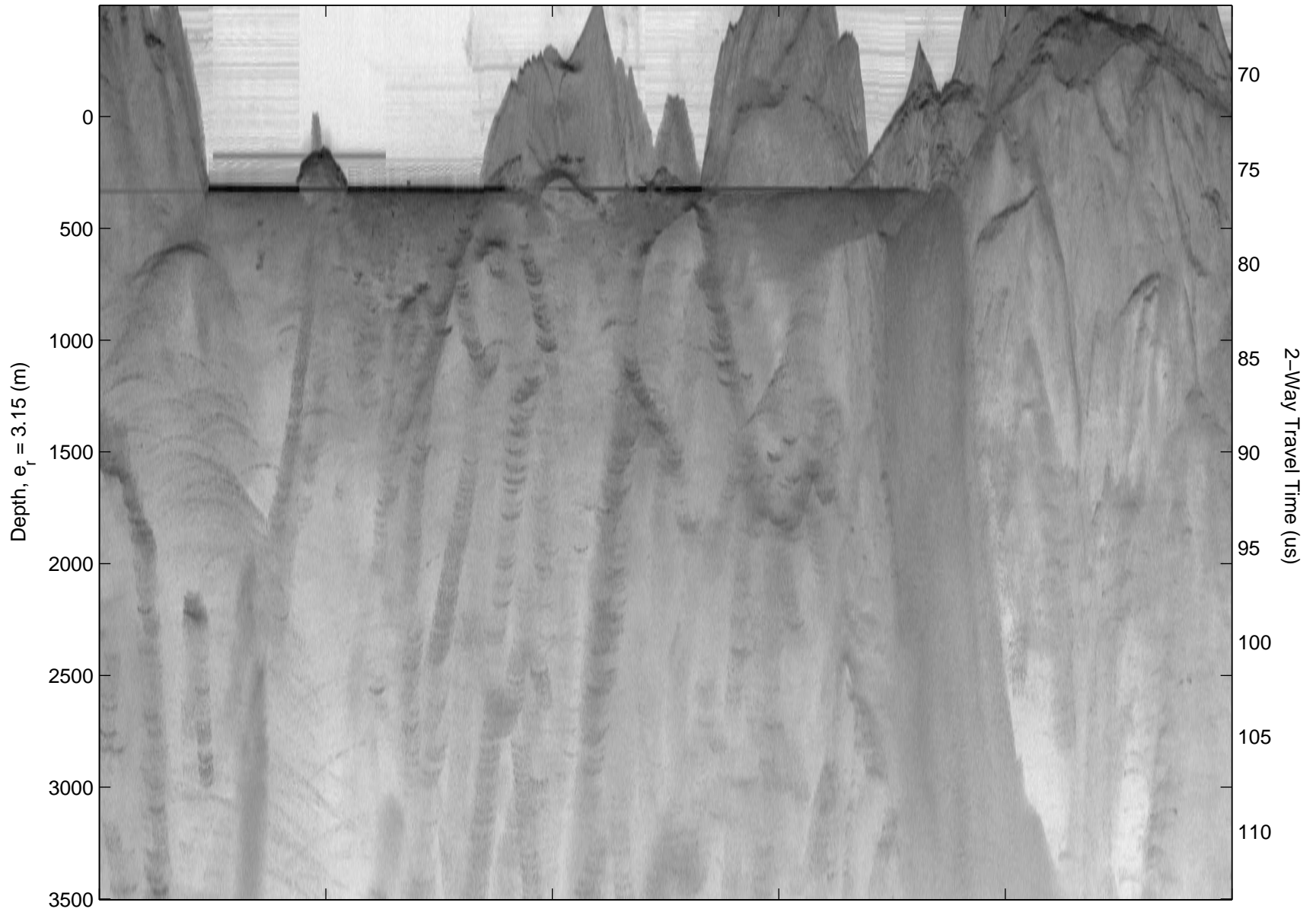
Data Frame ID: 20100409_02_018



0.00 km	12.49 km	24.97 km	Distance	37.45 km	49.93 km	62.41 km
71.661 N	71.626 N	71.550 N	Latitude	71.469 N	71.411 N	71.436 N
51.325 W	51.657 W	51.913 W	Longitude	52.155 W	52.447 W	52.778 W

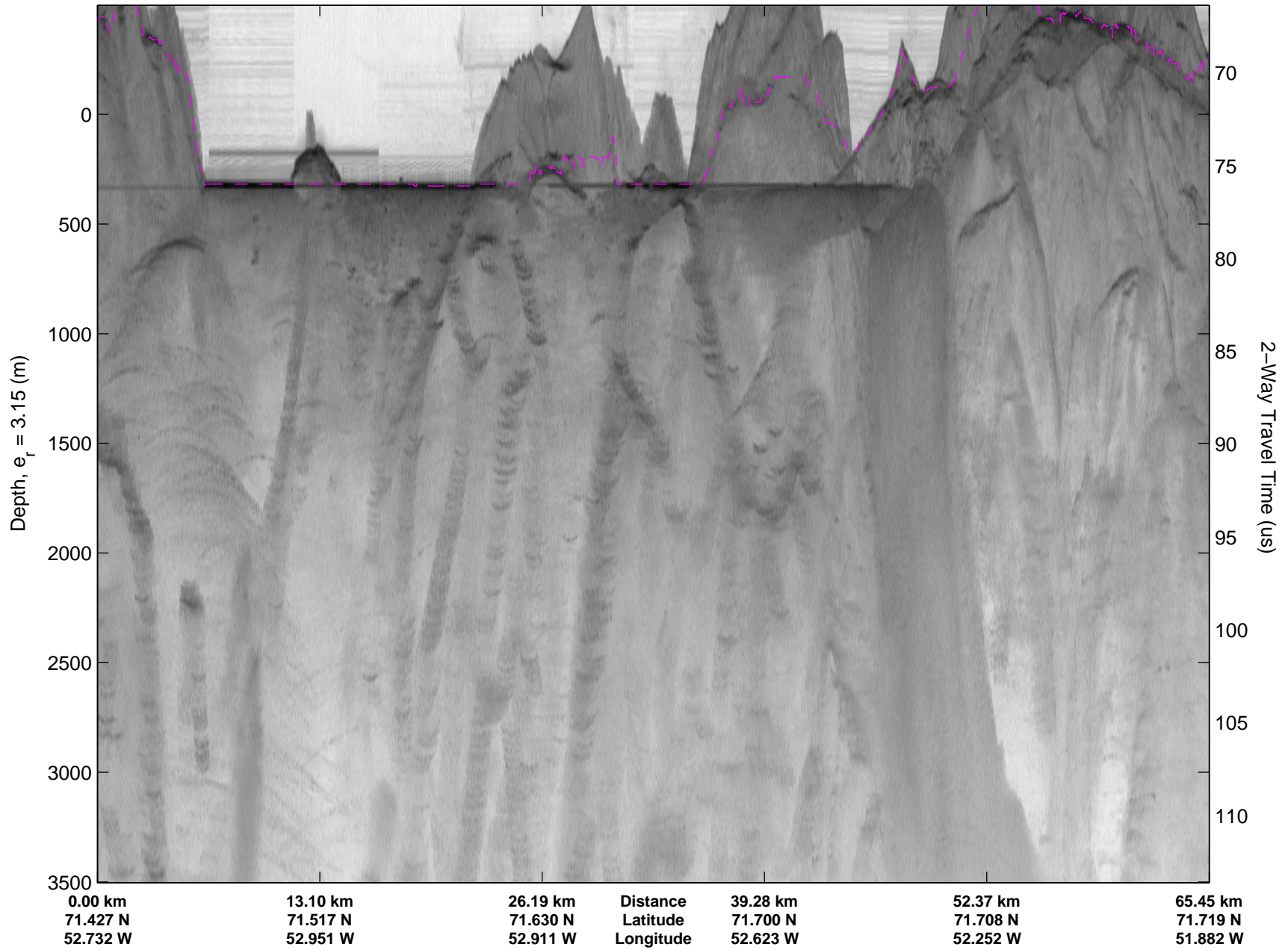


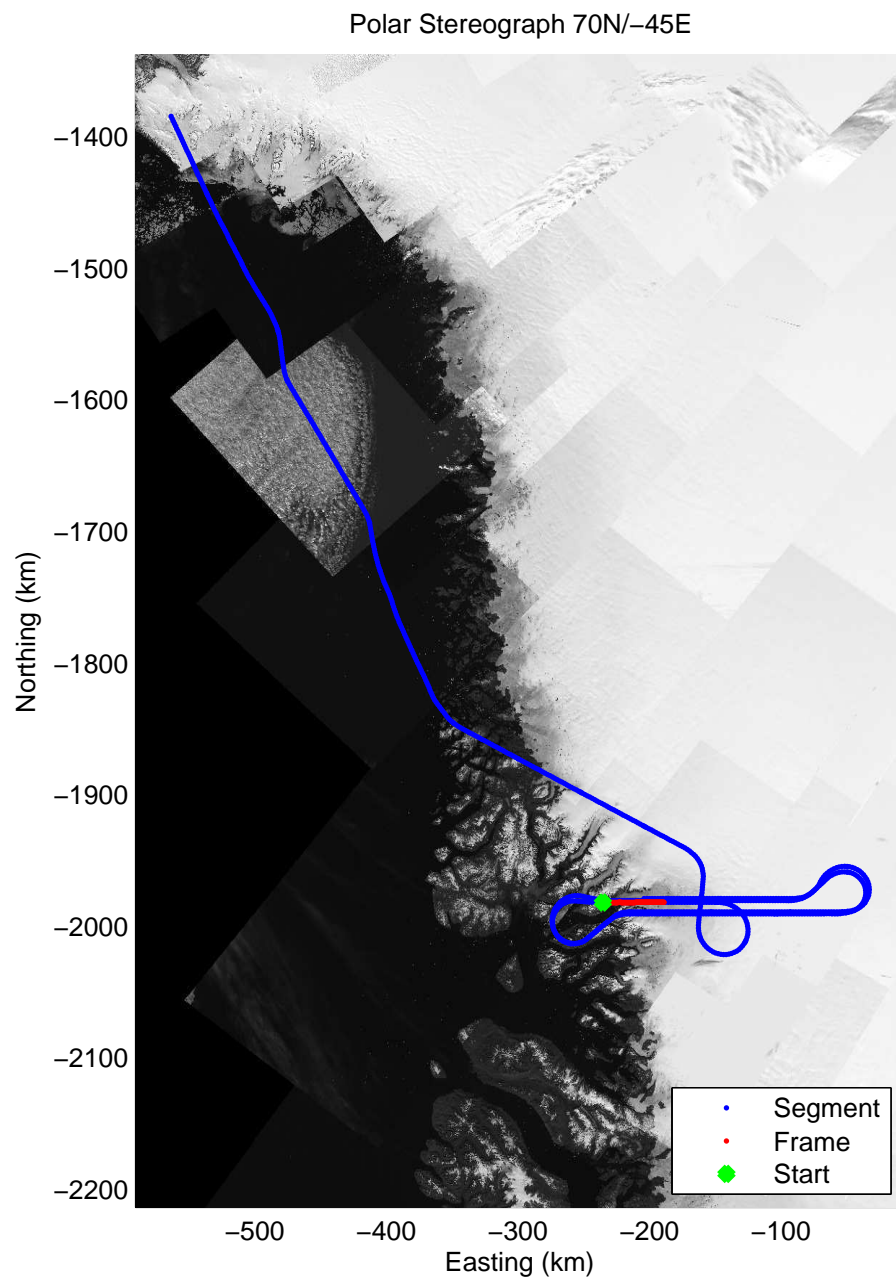
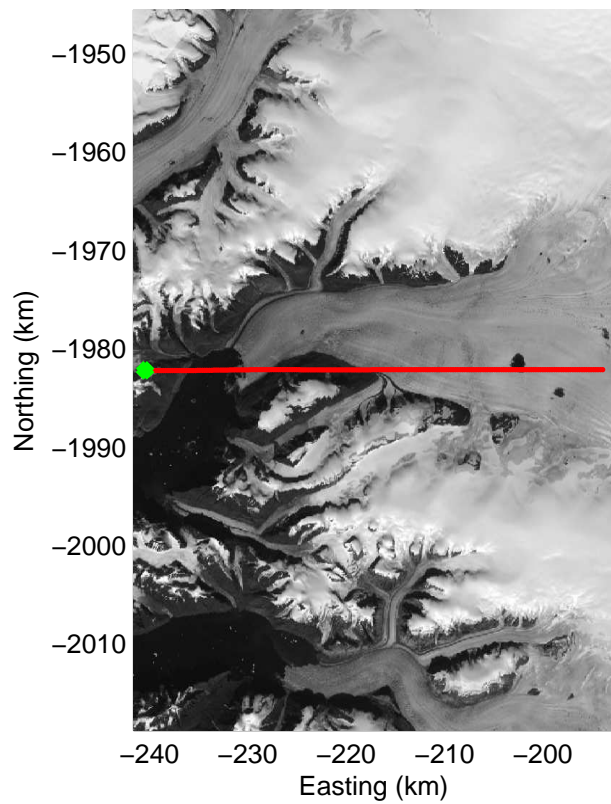
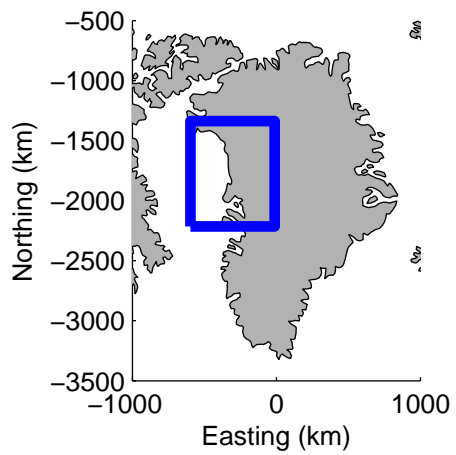
Data Frame ID: 20100409_02_019



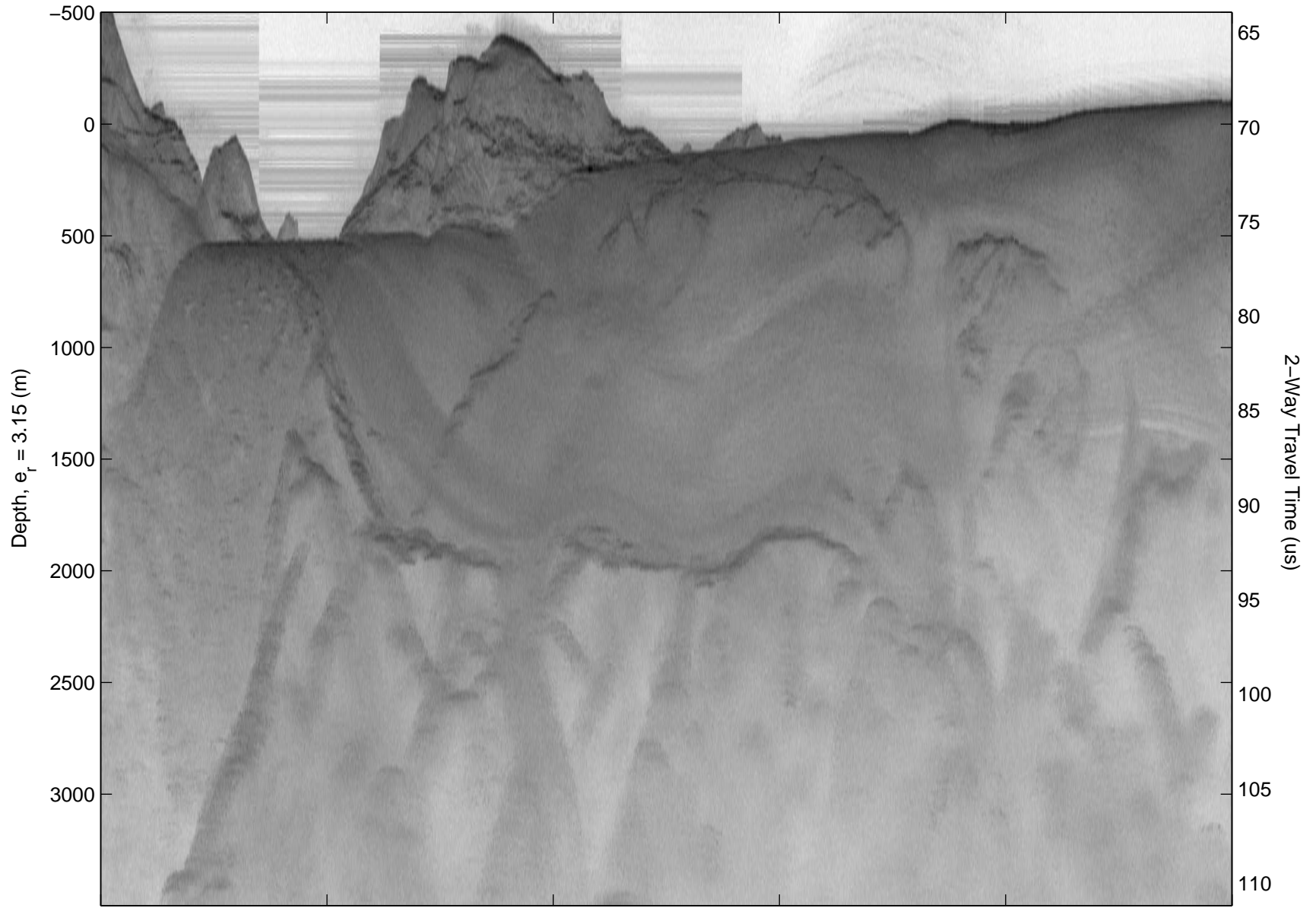
0.00 km	13.10 km	26.19 km	Distance	39.28 km	52.37 km	65.45 km
71.427 N	71.517 N	71.630 N	Latitude	71.700 N	71.708 N	71.719 N
52.732 W	52.951 W	52.911 W	Longitude	52.623 W	52.252 W	51.882 W

Data Frame ID: 20100409_02_019





Data Frame ID: 20100409_02_020



0.00 km
71.717 N
51.937 W

9.39 km
71.727 N
51.672 W

18.76 km
71.737 N
51.406 W

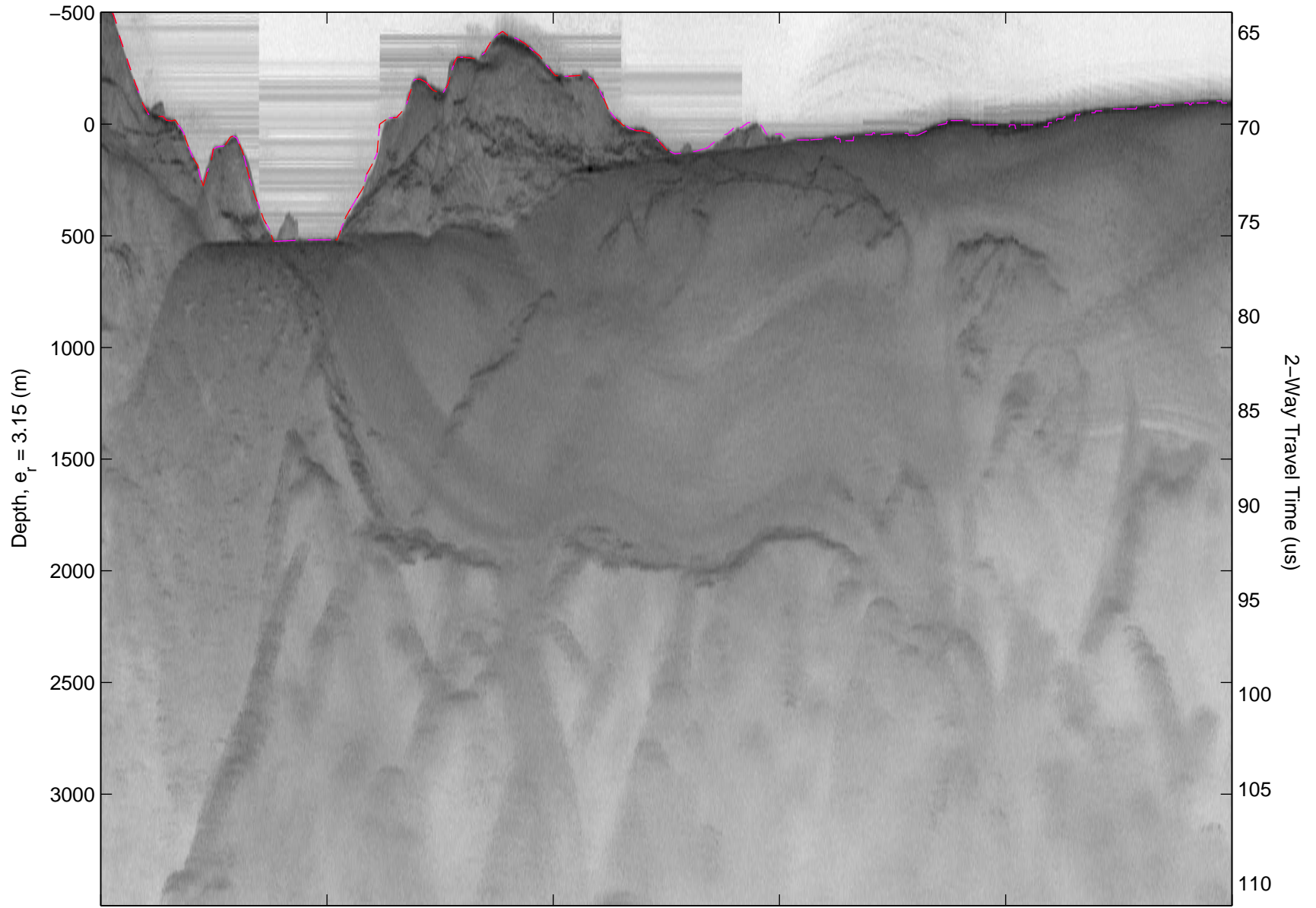
Distance
Latitude
Longitude

28.12 km
71.746 N
51.141 W

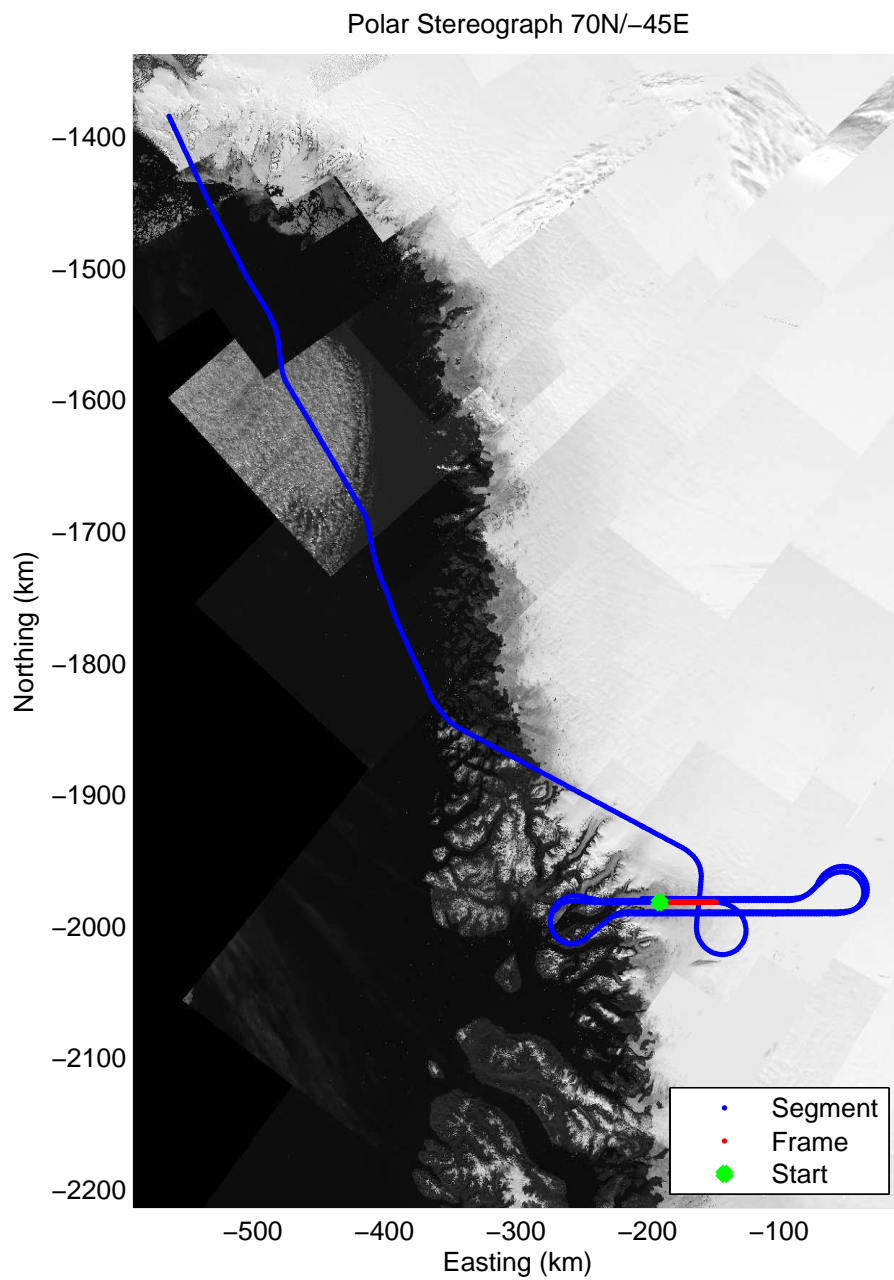
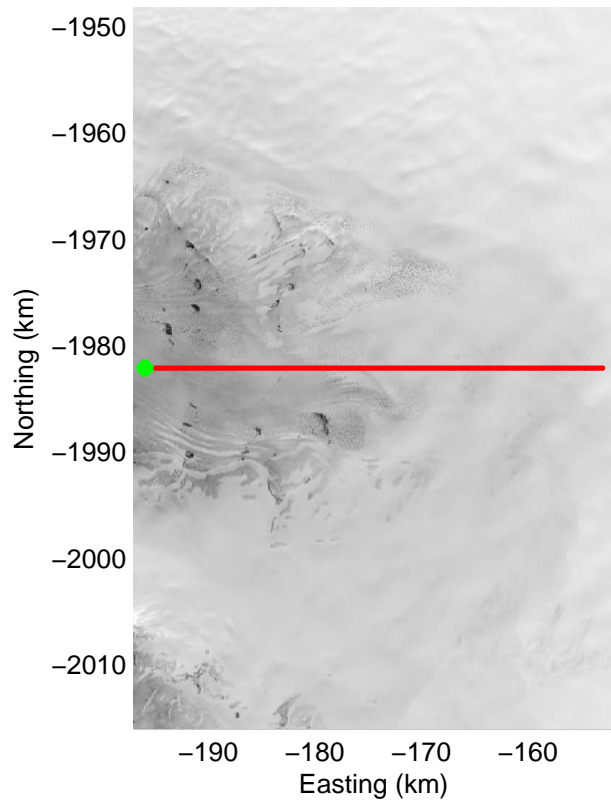
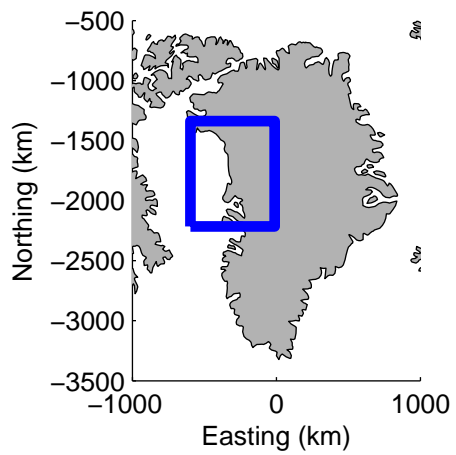
37.50 km
71.755 N
50.875 W

46.86 km
71.763 N
50.610 W

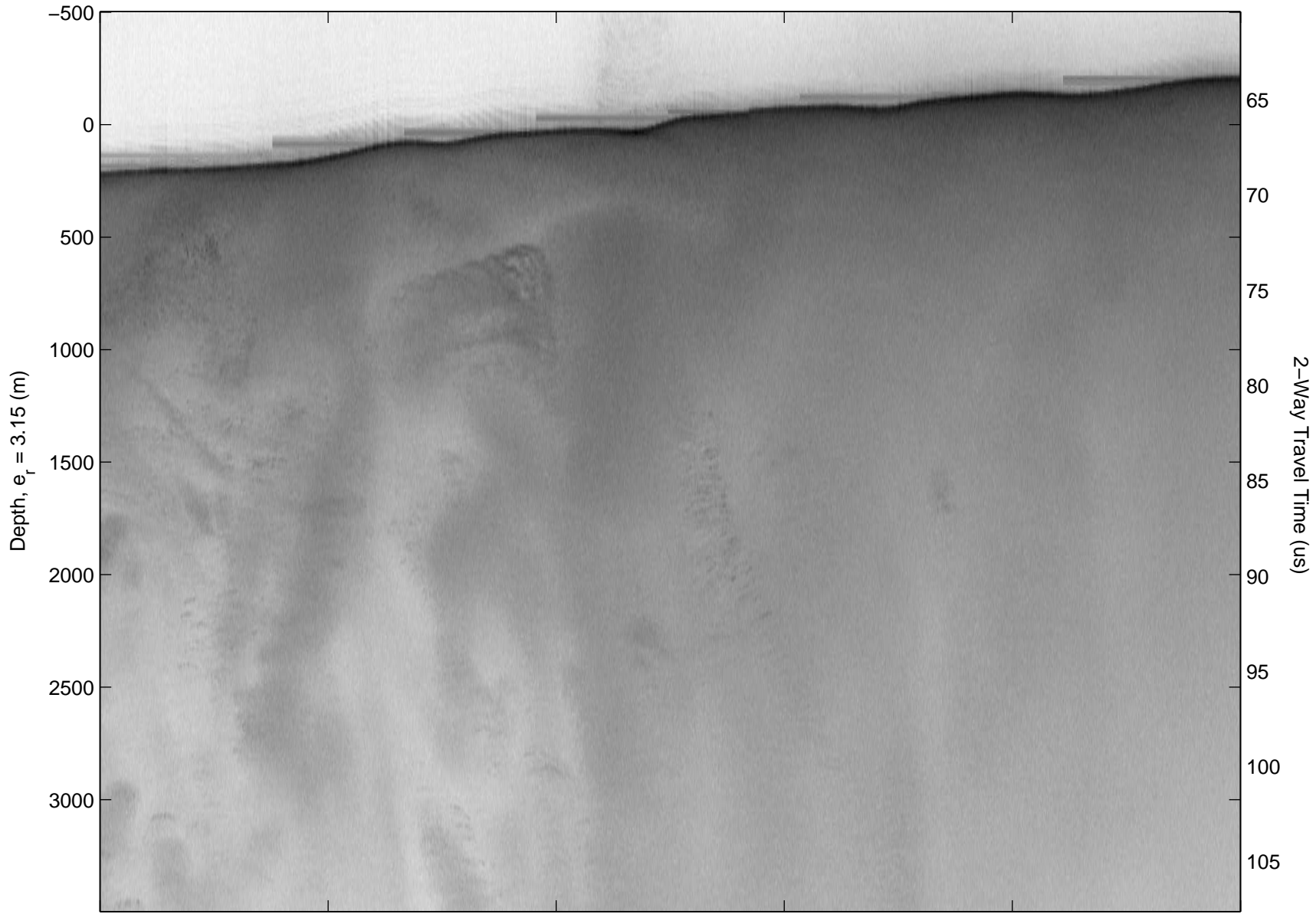
Data Frame ID: 20100409_02_020



0.00 km	9.39 km	18.76 km	Distance	28.12 km	37.50 km	46.86 km
71.717 N	71.727 N	71.737 N	Latitude	71.746 N	71.755 N	71.763 N
51.937 W	51.672 W	51.406 W	Longitude	51.141 W	50.875 W	50.610 W



Data Frame ID: 20100409_02_021



0.00 km
71.762 N
50.666 W

8.67 km
71.769 N
50.419 W

17.33 km
71.776 N
50.173 W

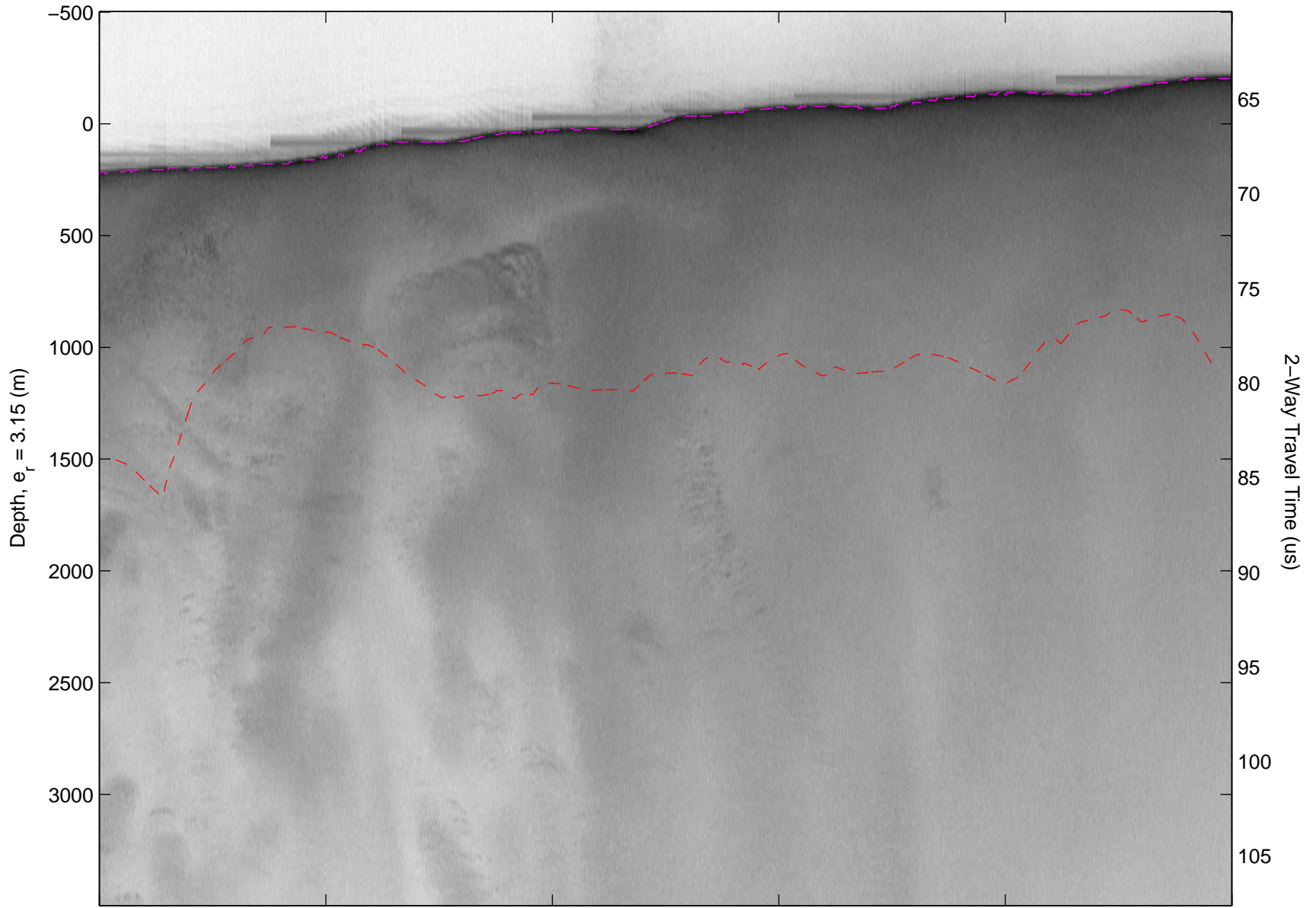
Distance
Latitude
Longitude

25.98 km
71.783 N
49.926 W

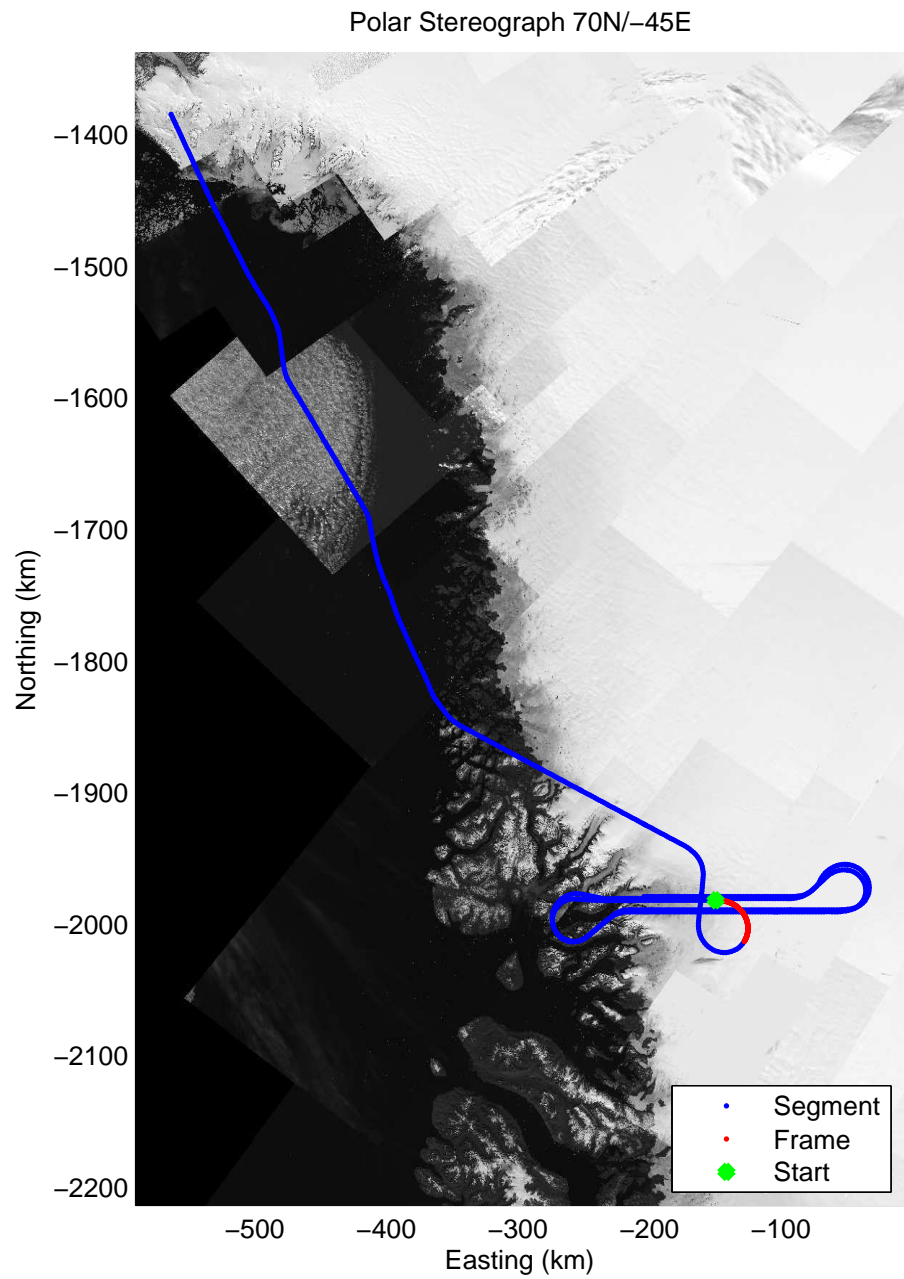
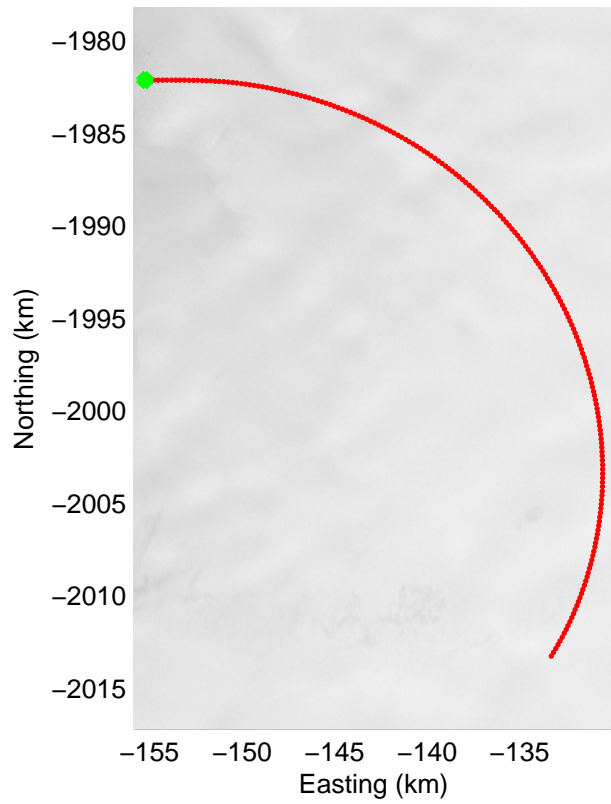
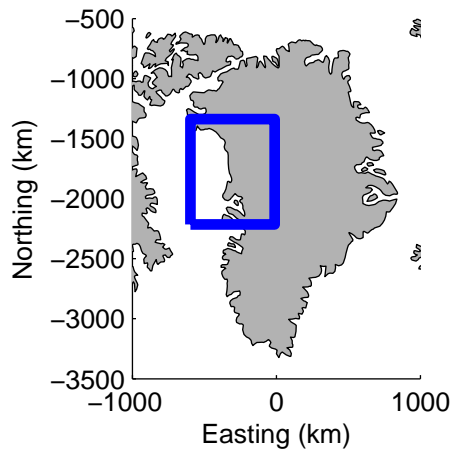
34.63 km
71.790 N
49.680 W

43.28 km
71.796 N
49.433 W

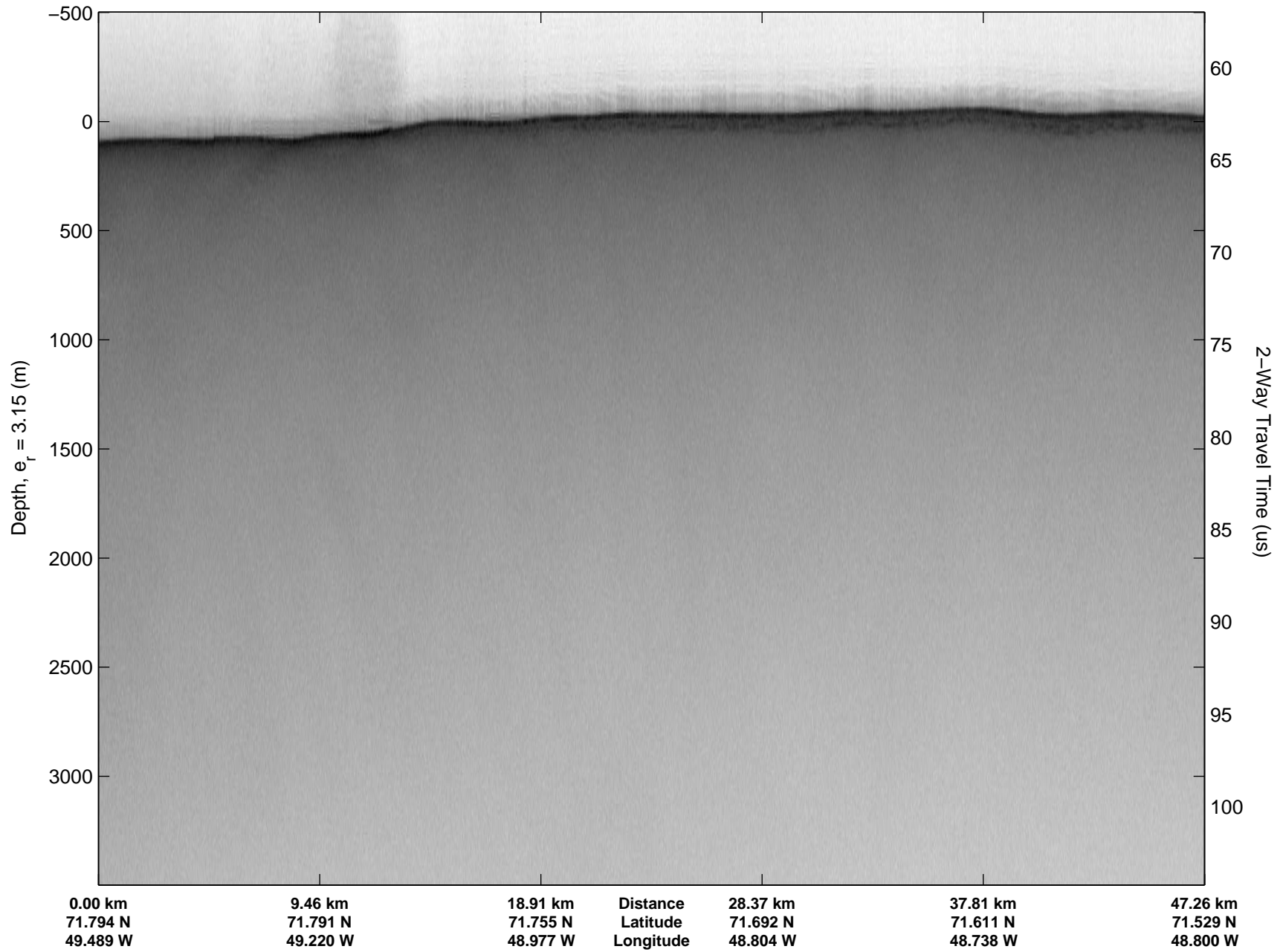
Data Frame ID: 20100409_02_021



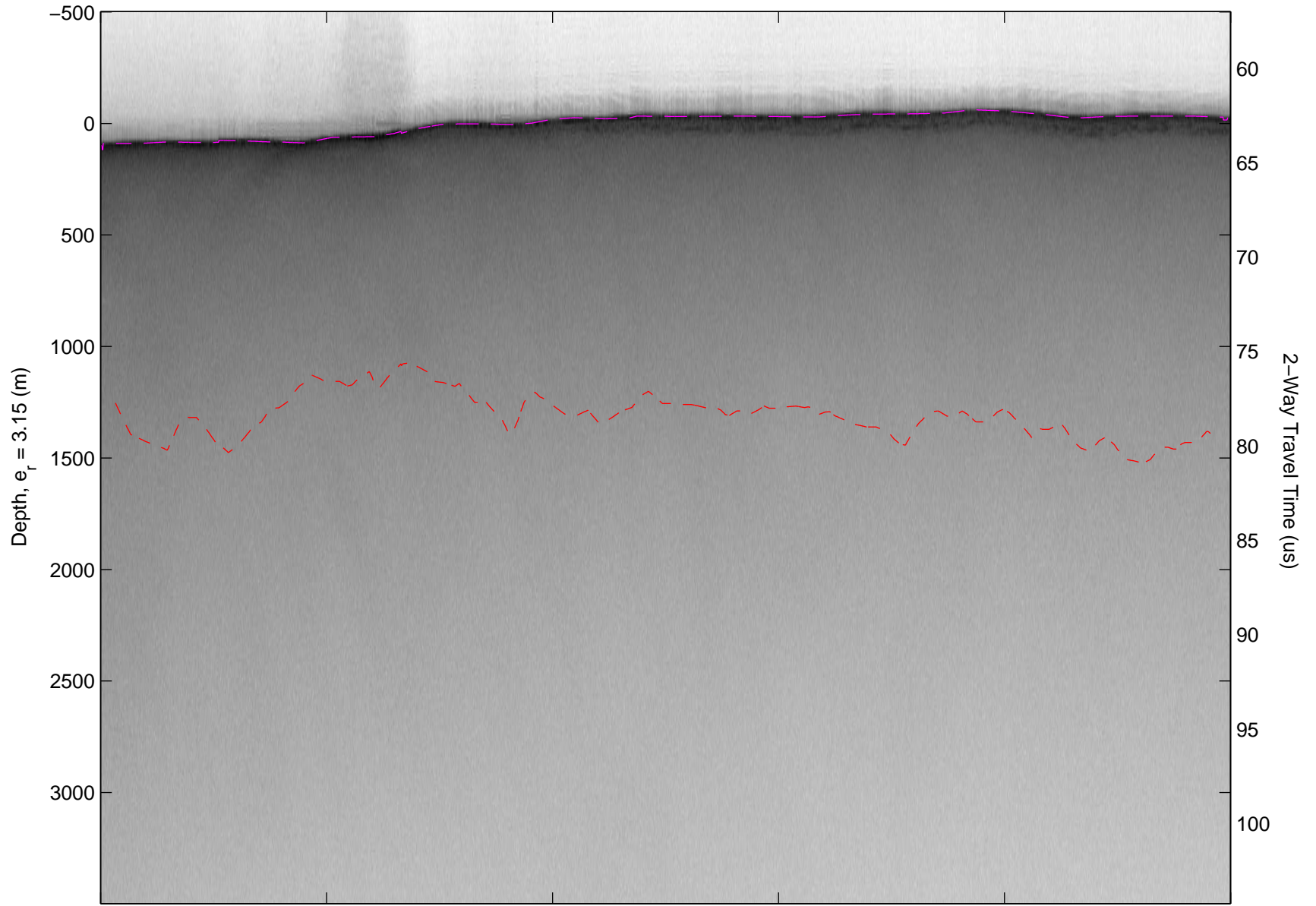
0.00 km	8.67 km	17.33 km	Distance	25.98 km	34.63 km	43.28 km
71.762 N	71.769 N	71.776 N	Latitude	71.783 N	71.790 N	71.796 N
50.666 W	50.419 W	50.173 W	Longitude	49.926 W	49.680 W	49.433 W



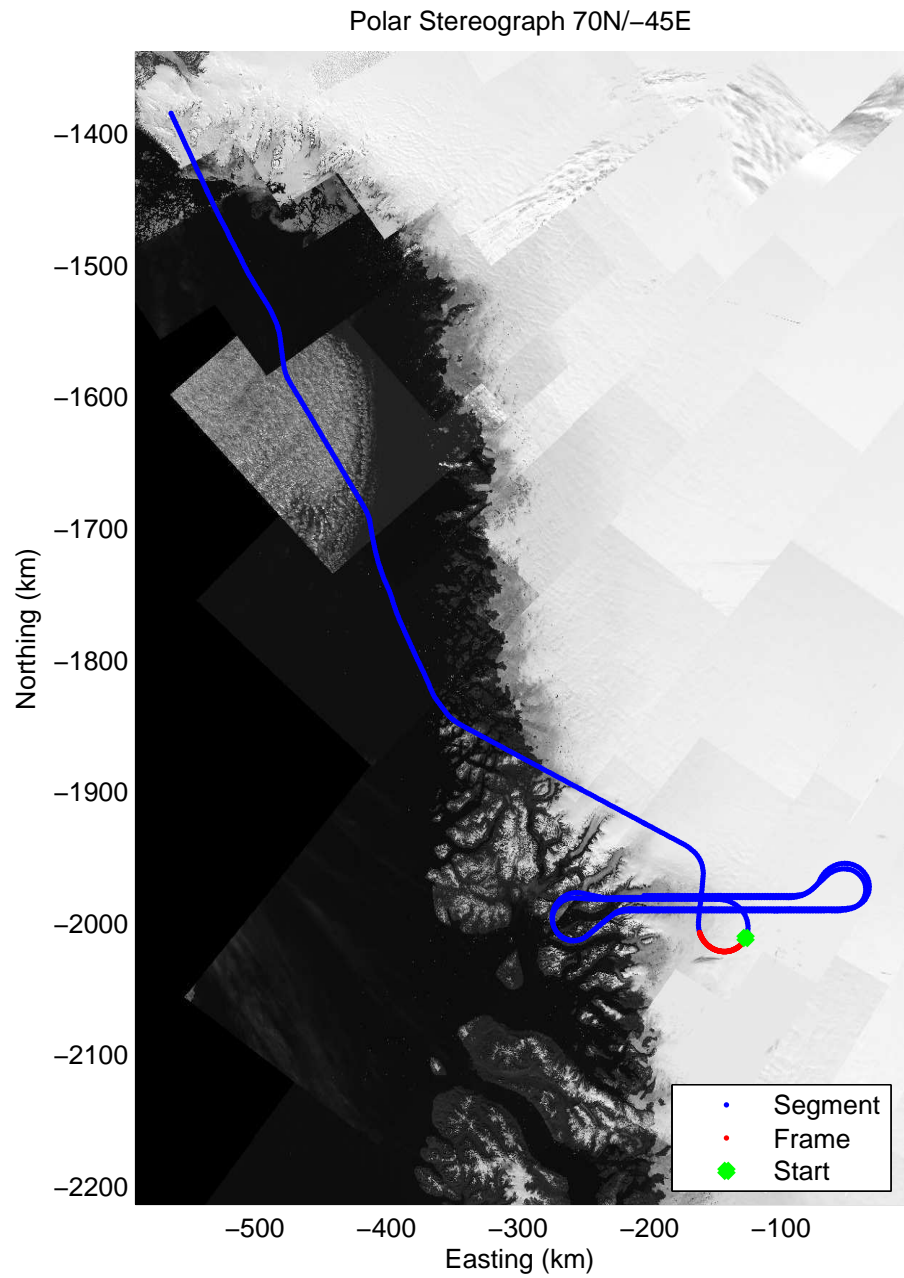
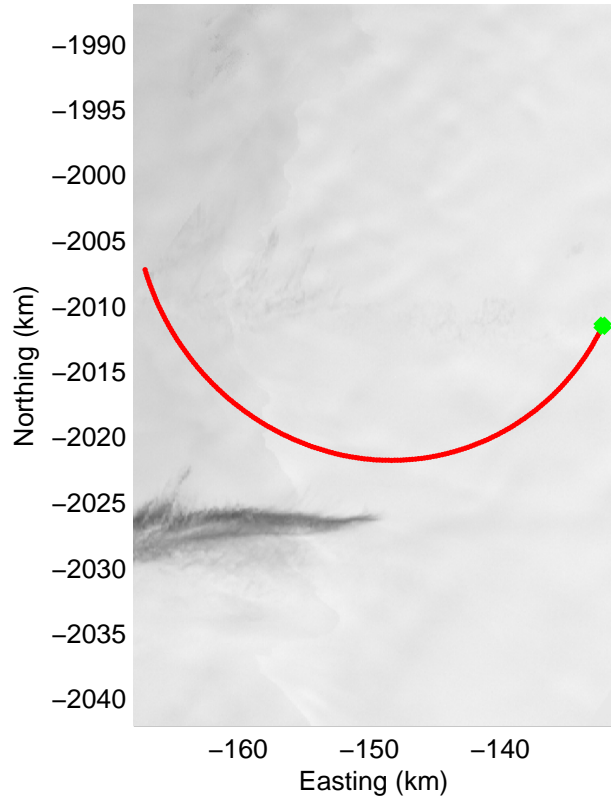
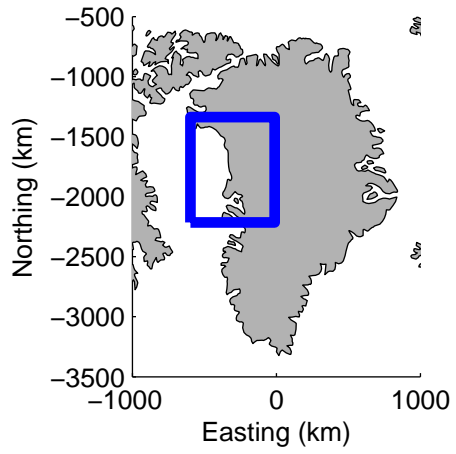
Data Frame ID: 20100409_02_022



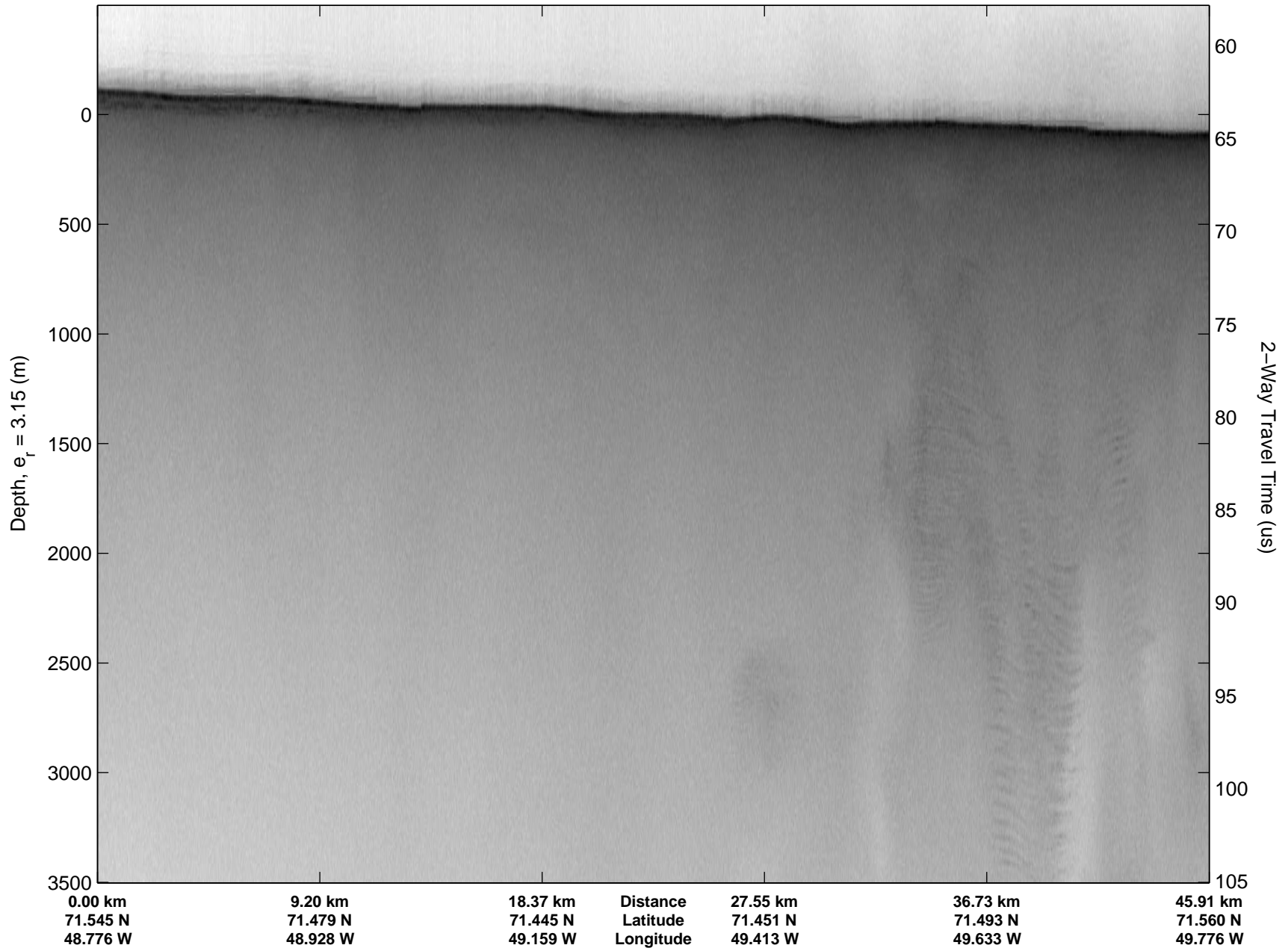
Data Frame ID: 20100409_02_022



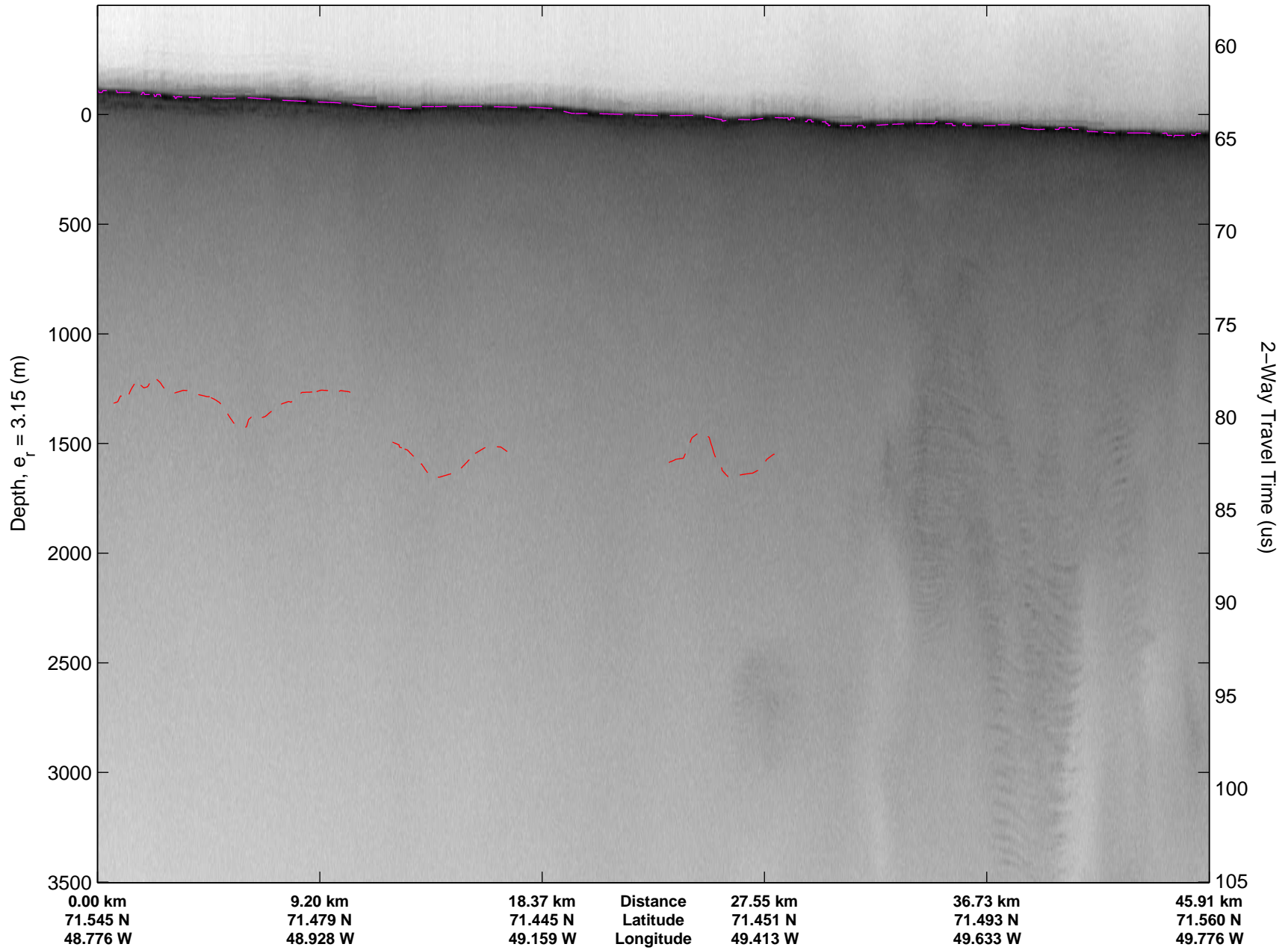
0.00 km	9.46 km	18.91 km	Distance	28.37 km	37.81 km	47.26 km
71.794 N	71.791 N	71.755 N	Latitude	71.692 N	71.611 N	71.529 N
49.489 W	49.220 W	48.977 W	Longitude	48.804 W	48.738 W	48.800 W

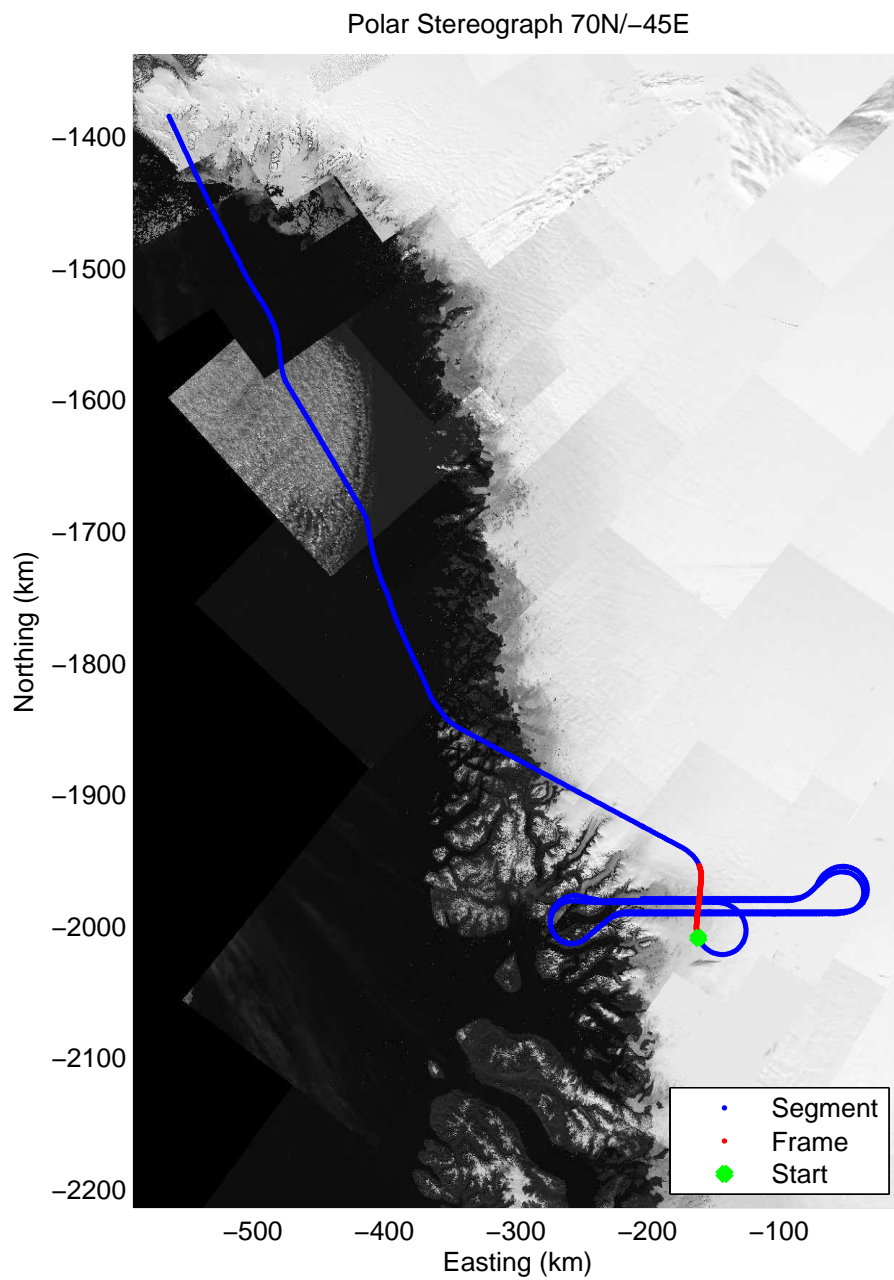
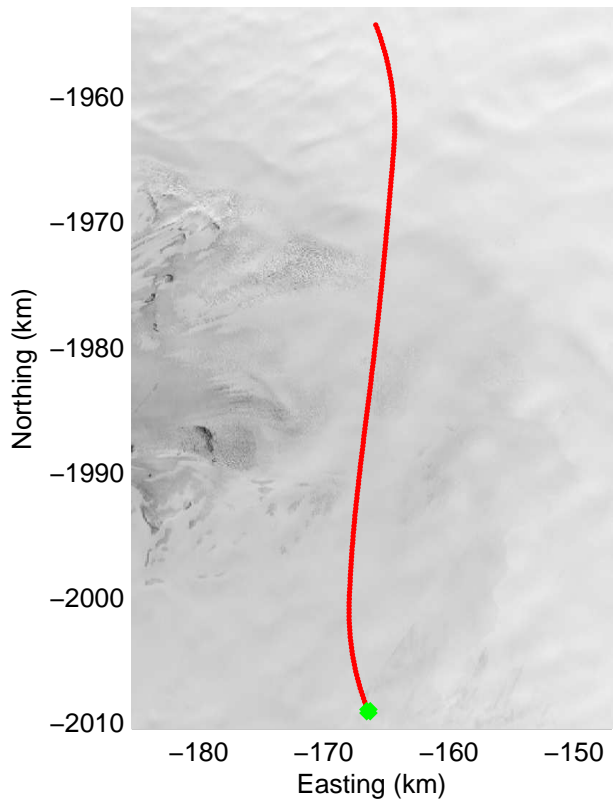
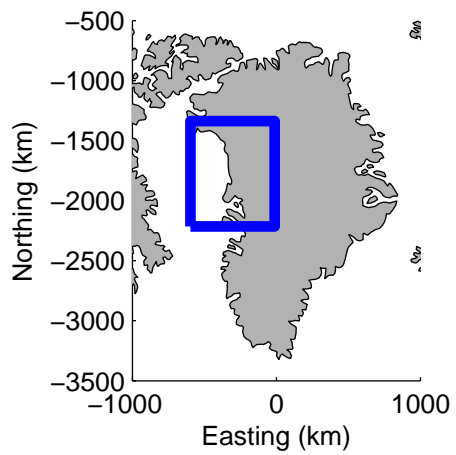


Data Frame ID: 20100409_02_023

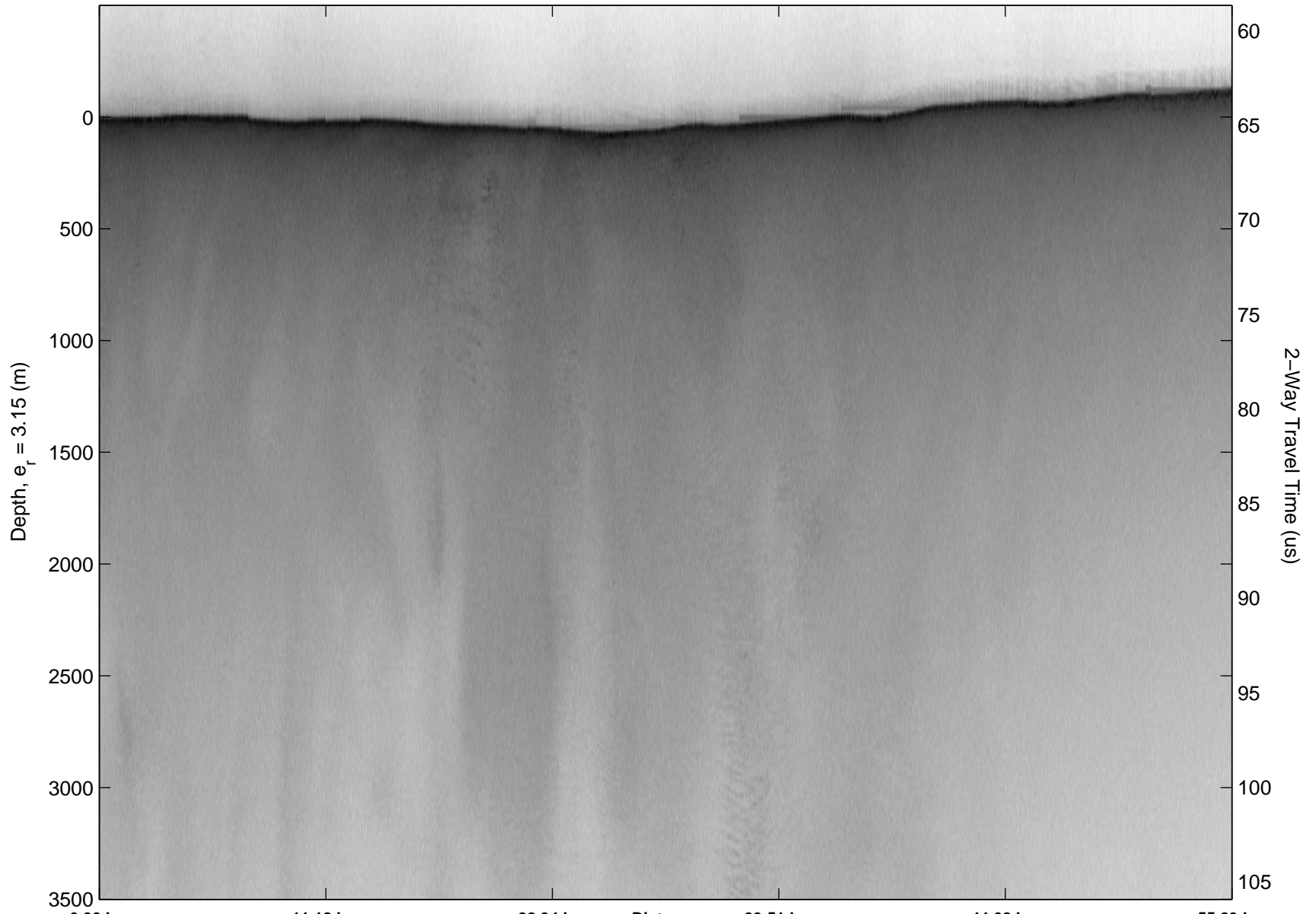


Data Frame ID: 20100409_02_023



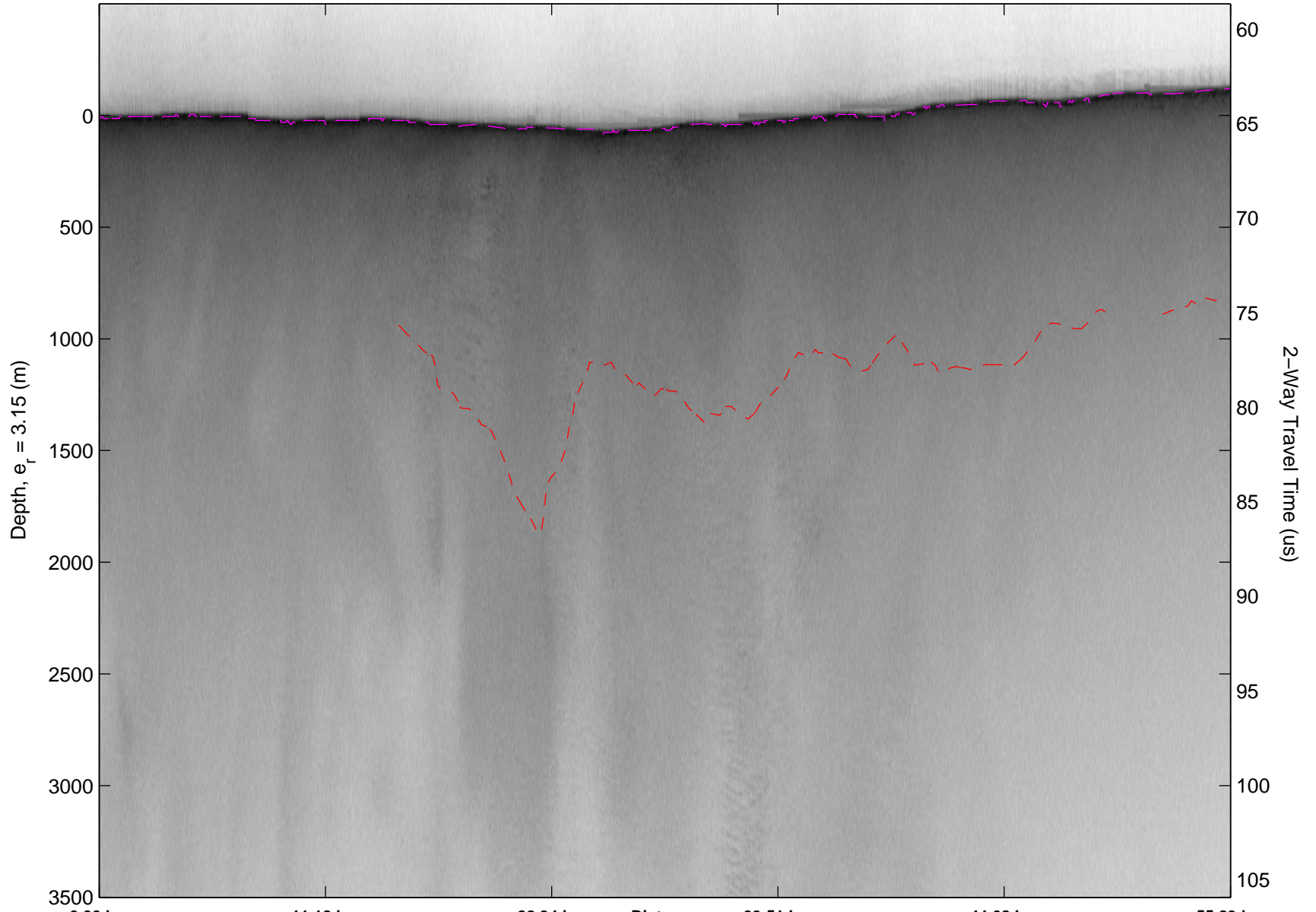


Data Frame ID: 20100409_02_024

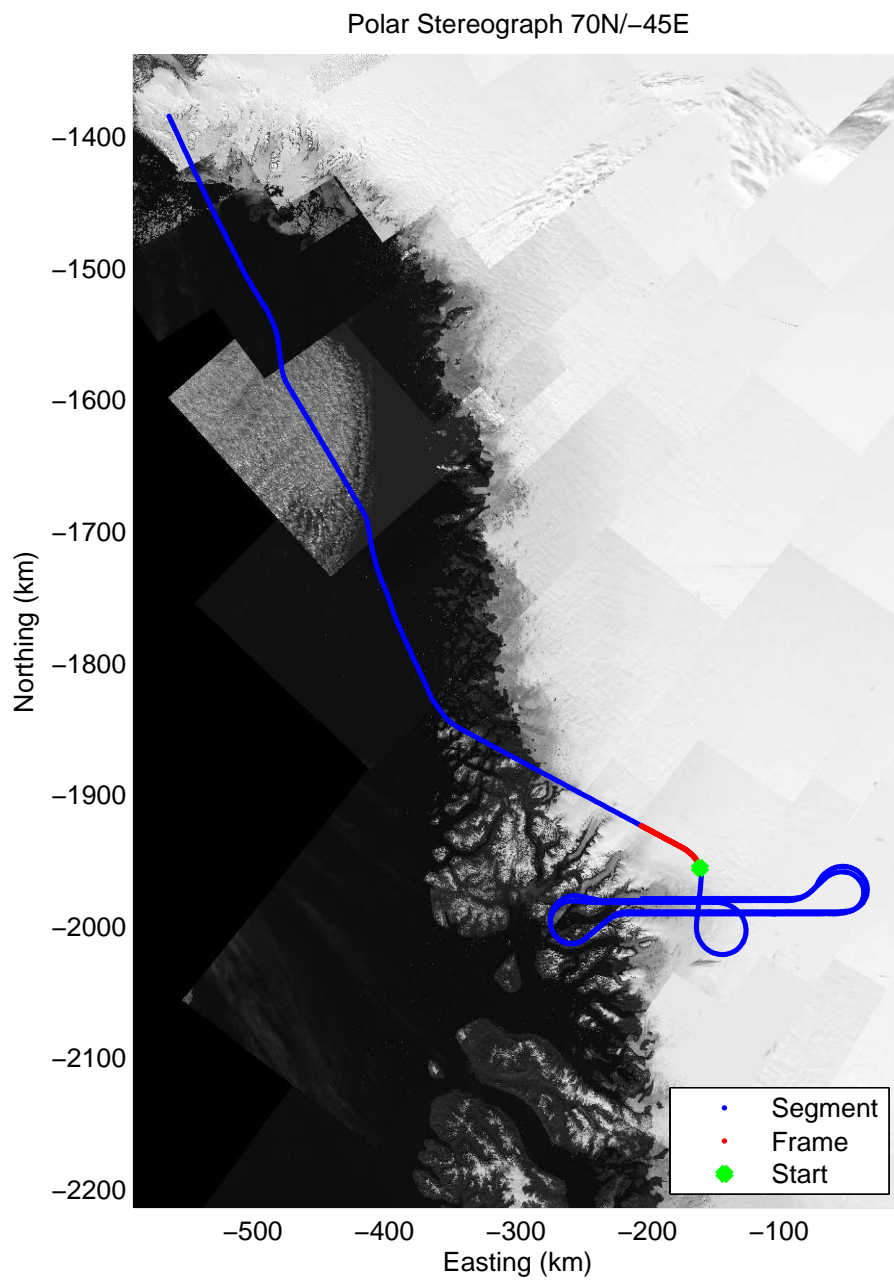
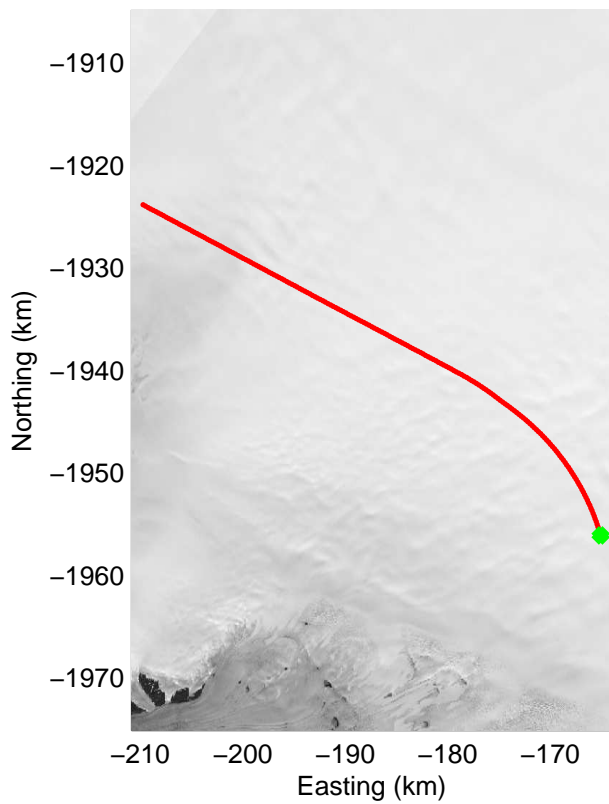
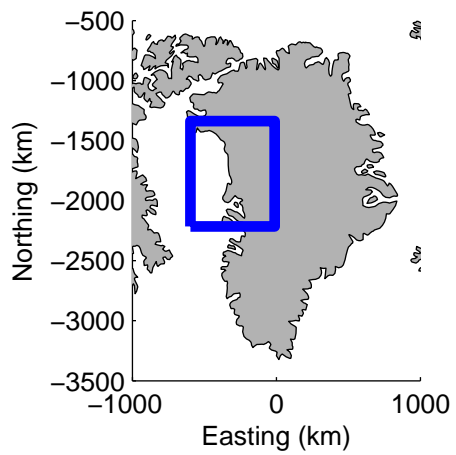


0.00 km	11.18 km	22.34 km	Distance	33.51 km	44.68 km	55.83 km
71.544 N	71.641 N	71.741 N	Latitude	71.840 N	71.940 N	72.037 N
49.753 W	49.819 W	49.815 W	Longitude	49.804 W	49.802 W	49.868 W

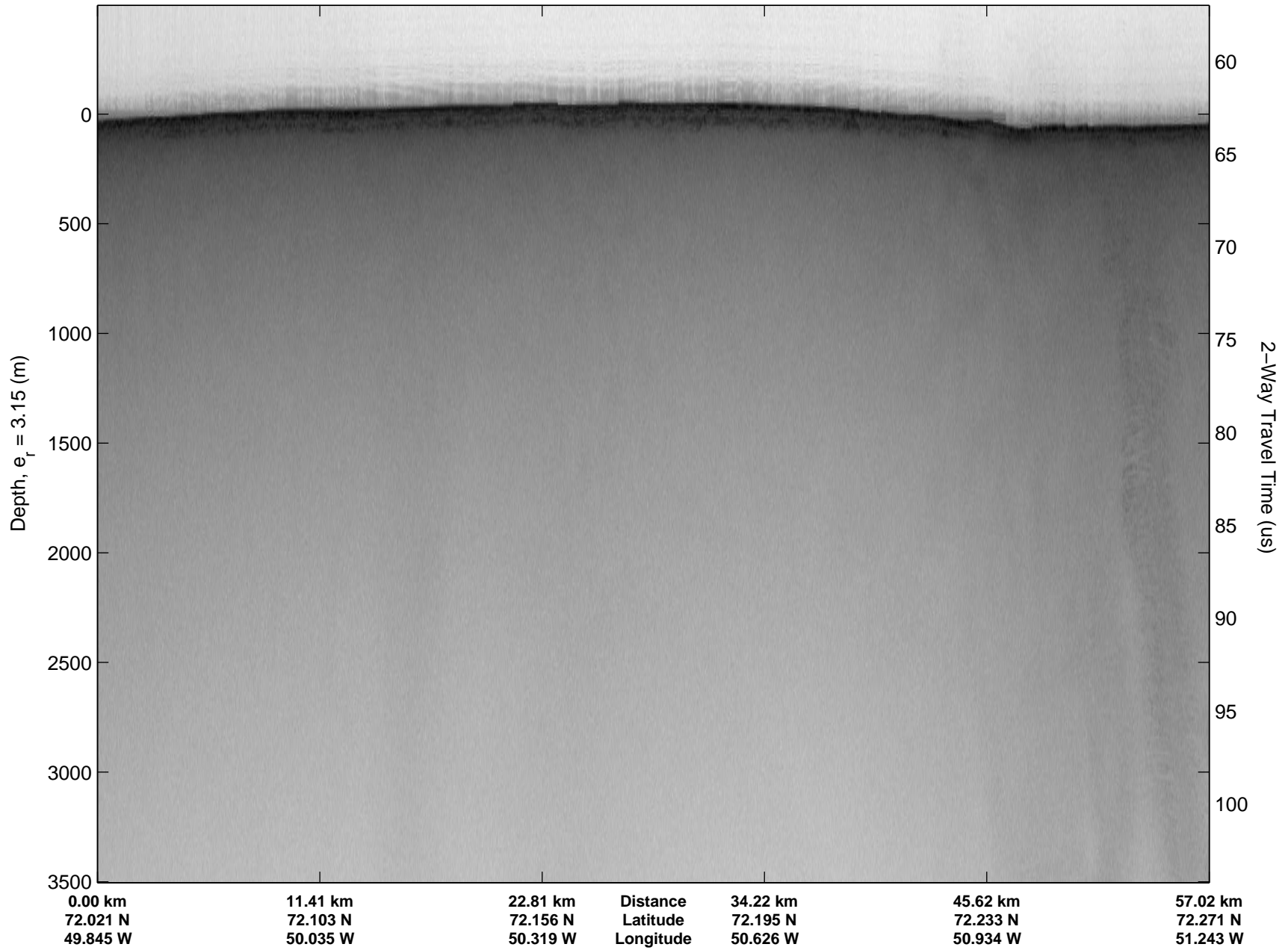
Data Frame ID: 20100409_02_024



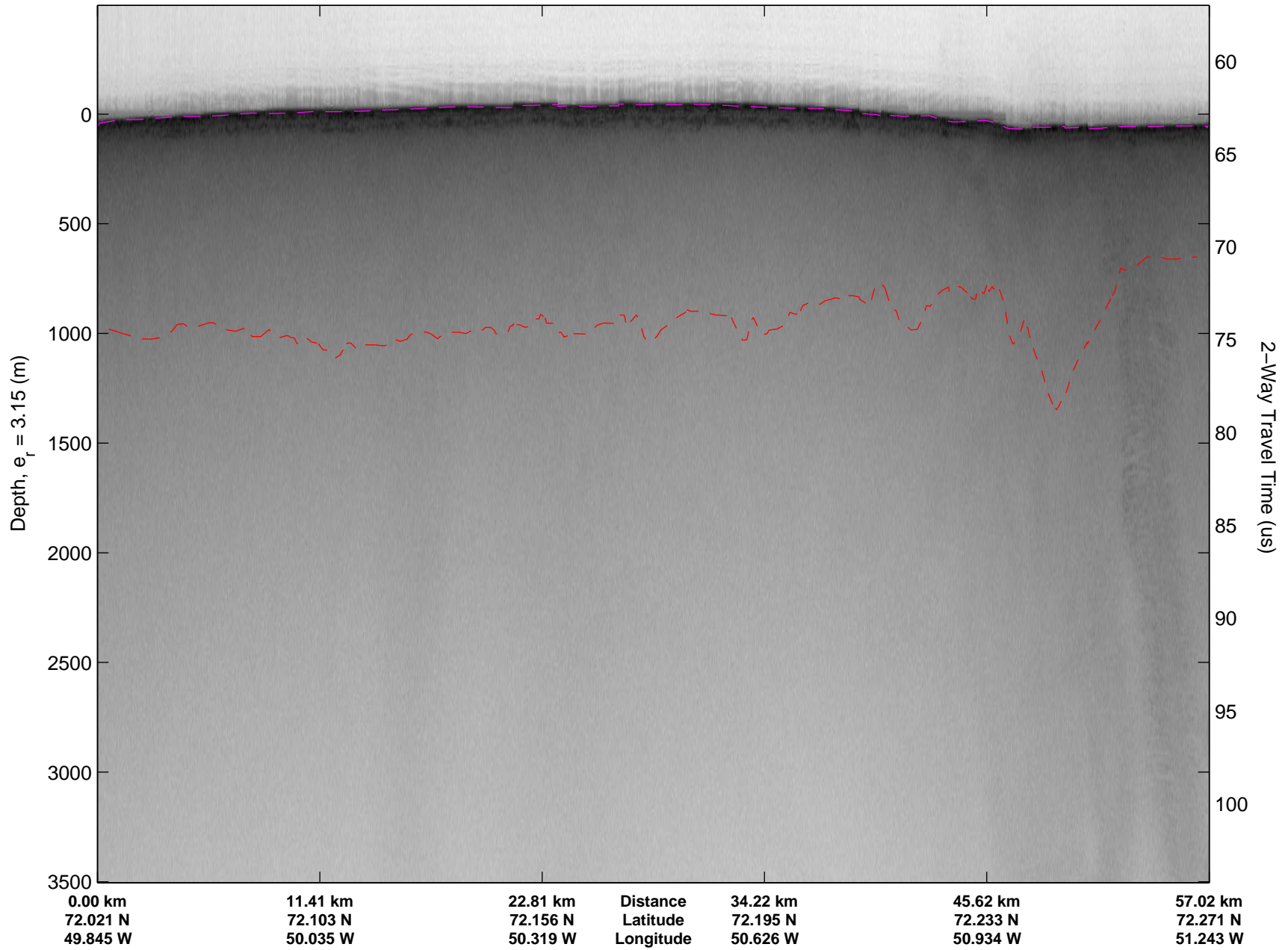
0.00 km	11.18 km	22.34 km	Distance	33.51 km	44.68 km	55.83 km
71.544 N	71.641 N	71.741 N	Latitude	71.840 N	71.940 N	72.037 N
49.753 W	49.819 W	49.815 W	Longitude	49.804 W	49.802 W	49.868 W

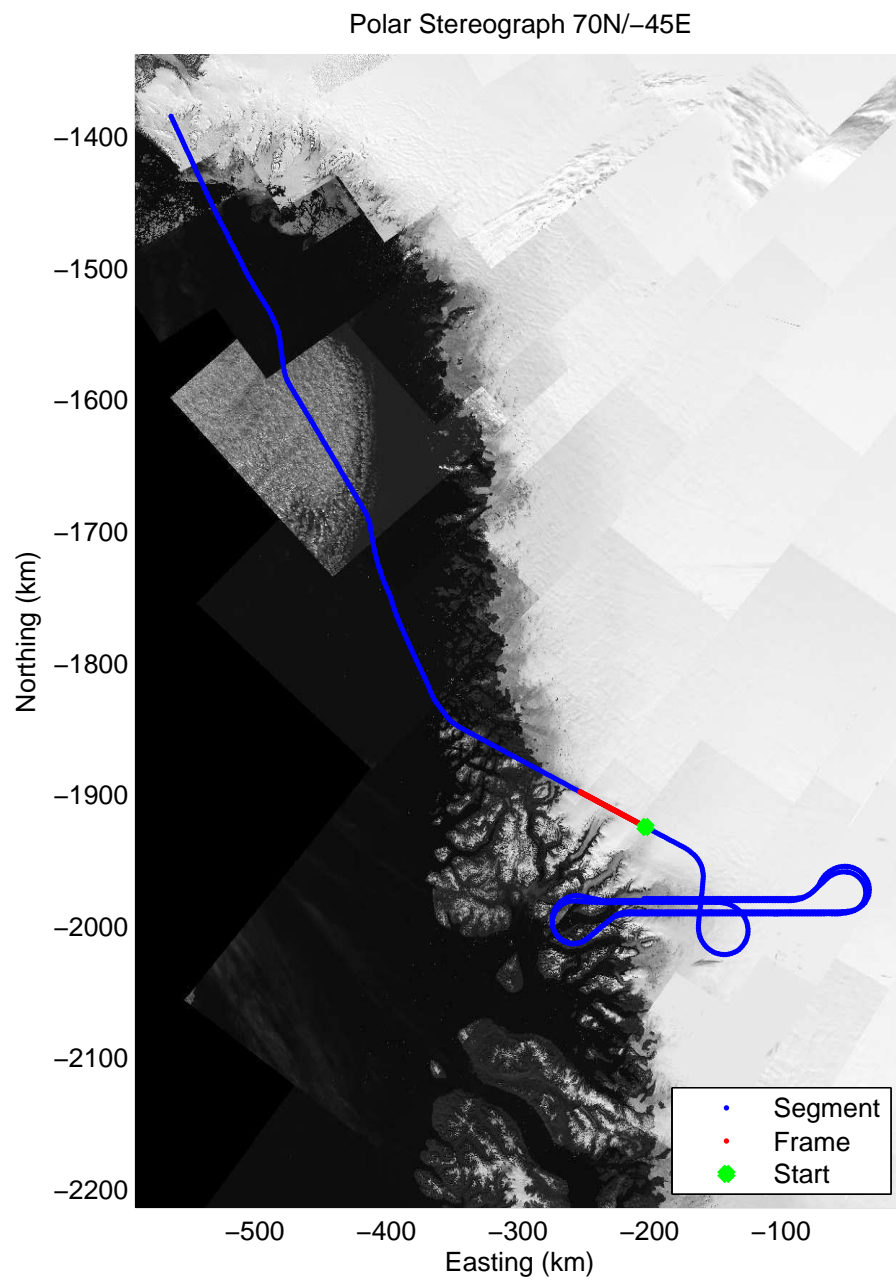
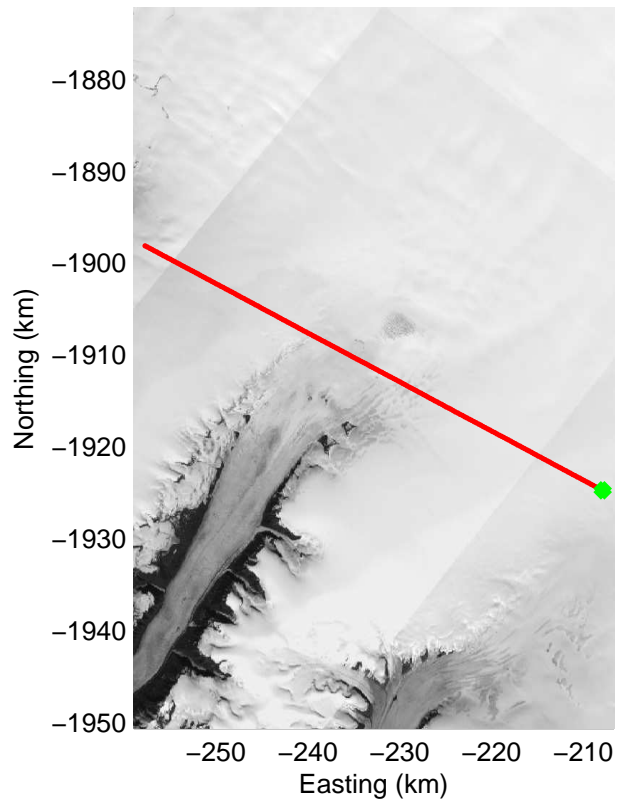
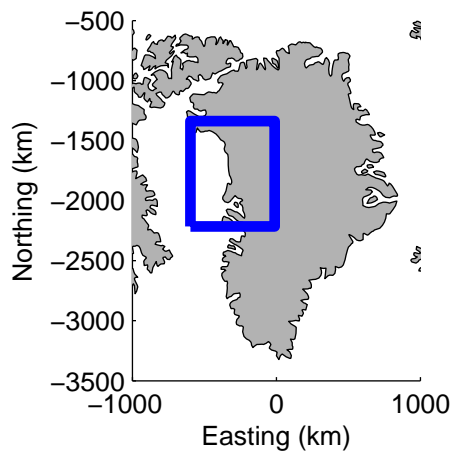


Data Frame ID: 20100409_02_025

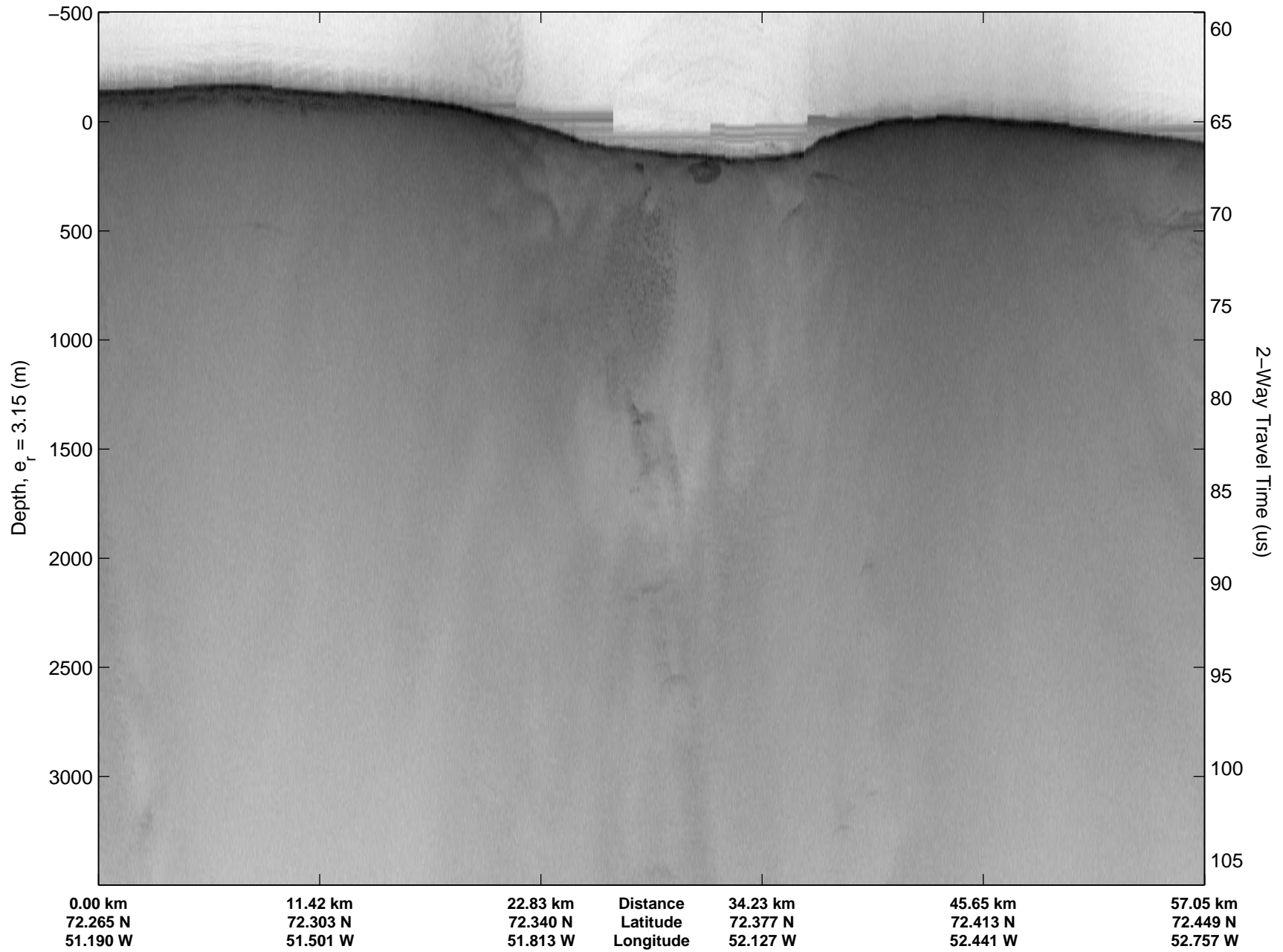


Data Frame ID: 20100409_02_025

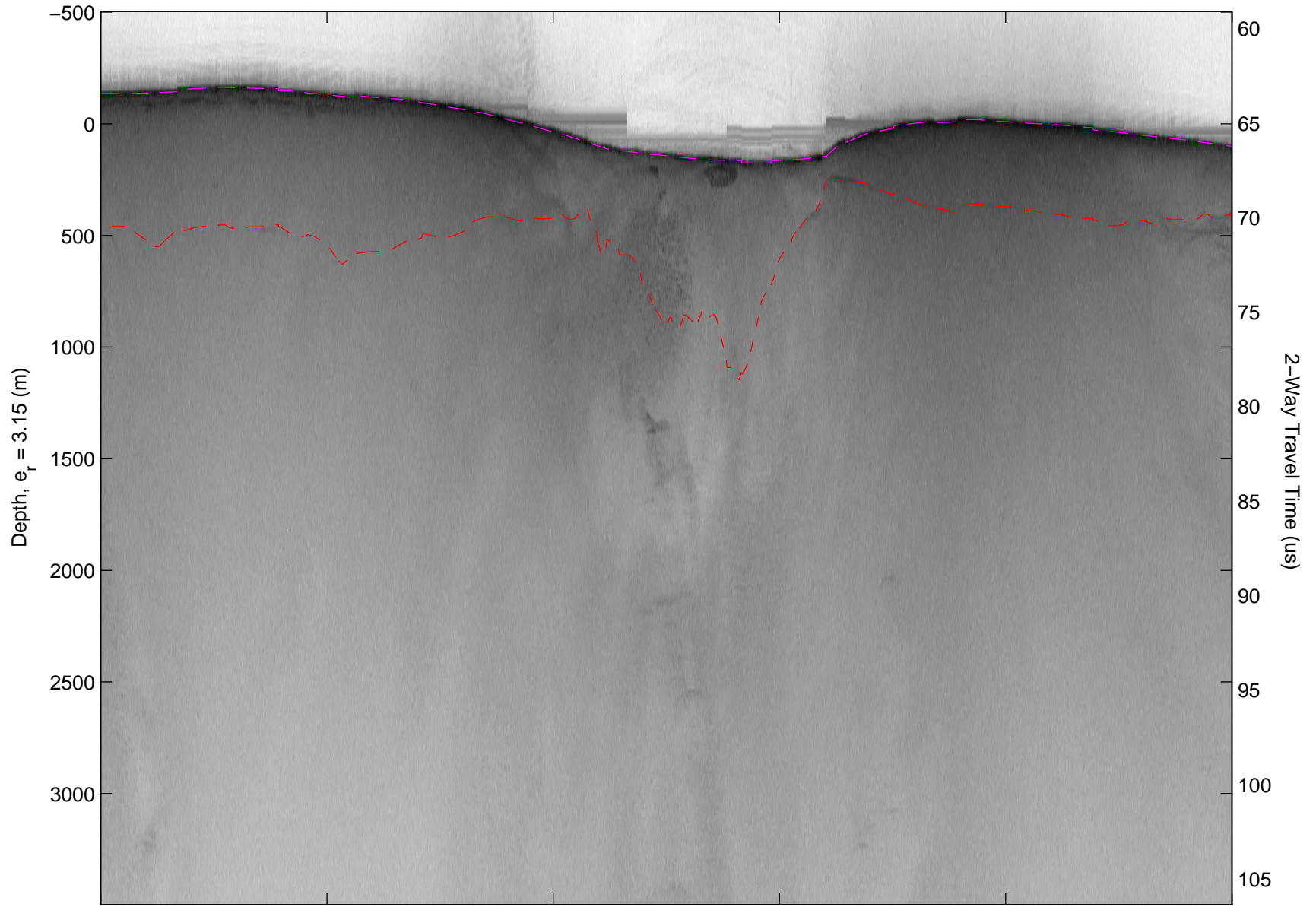




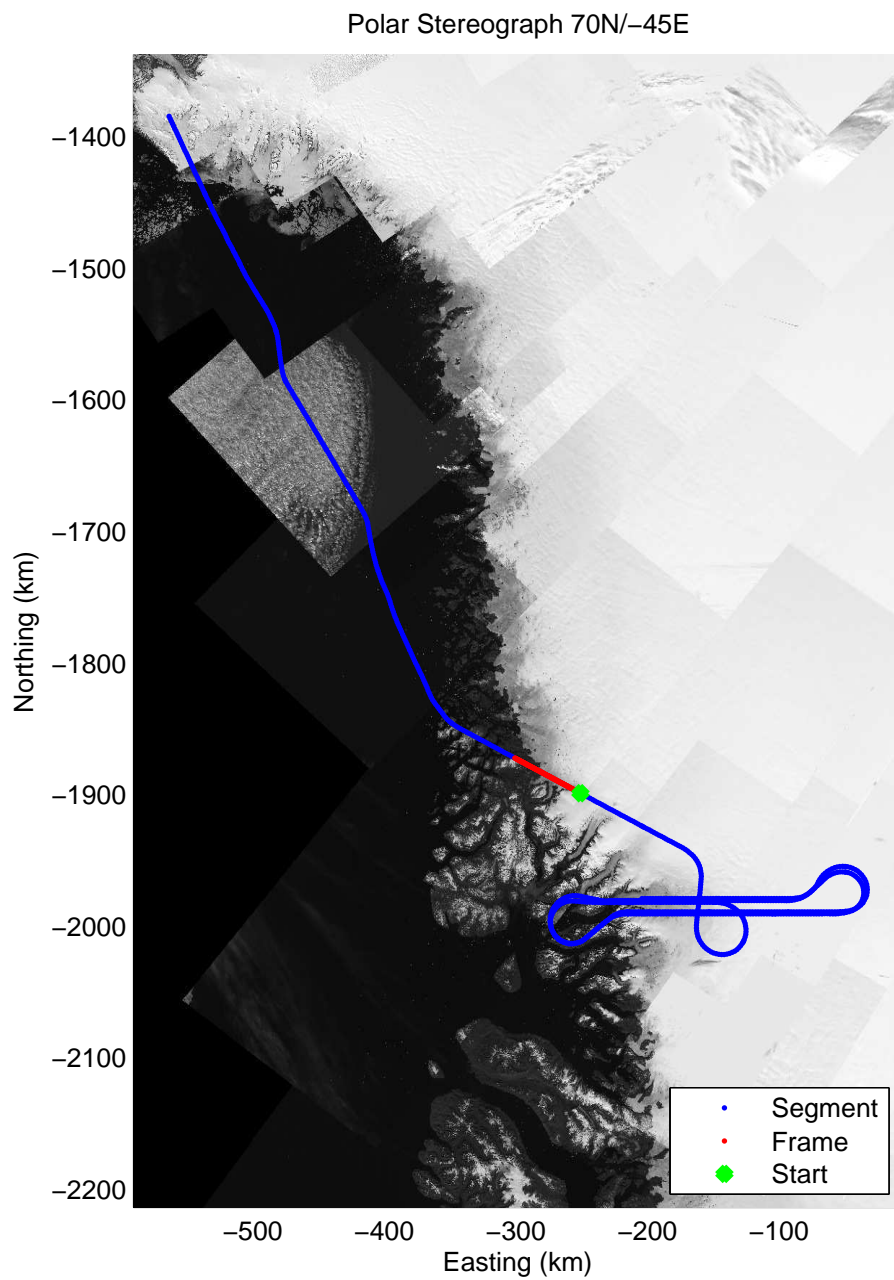
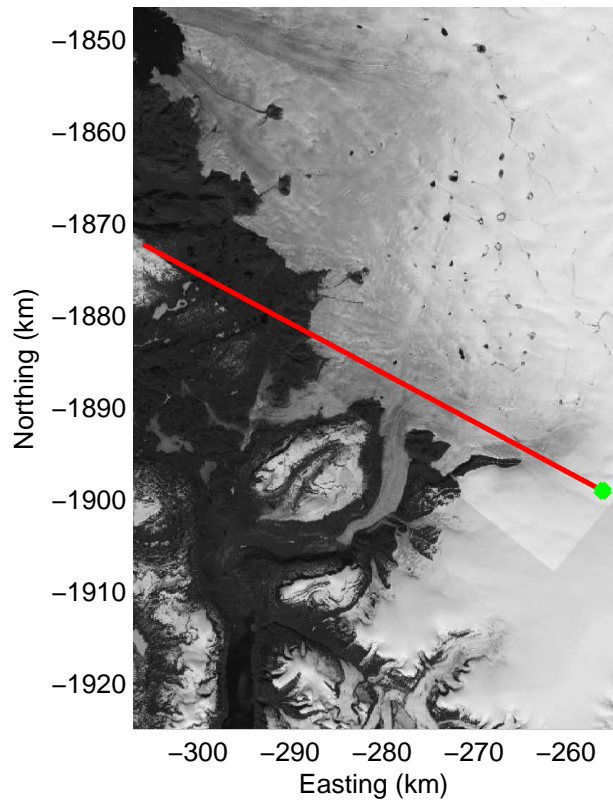
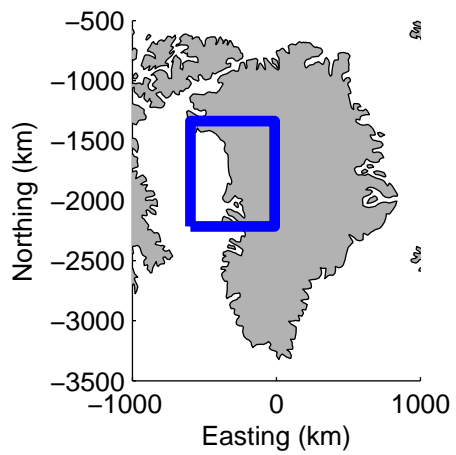
Data Frame ID: 20100409_02_026



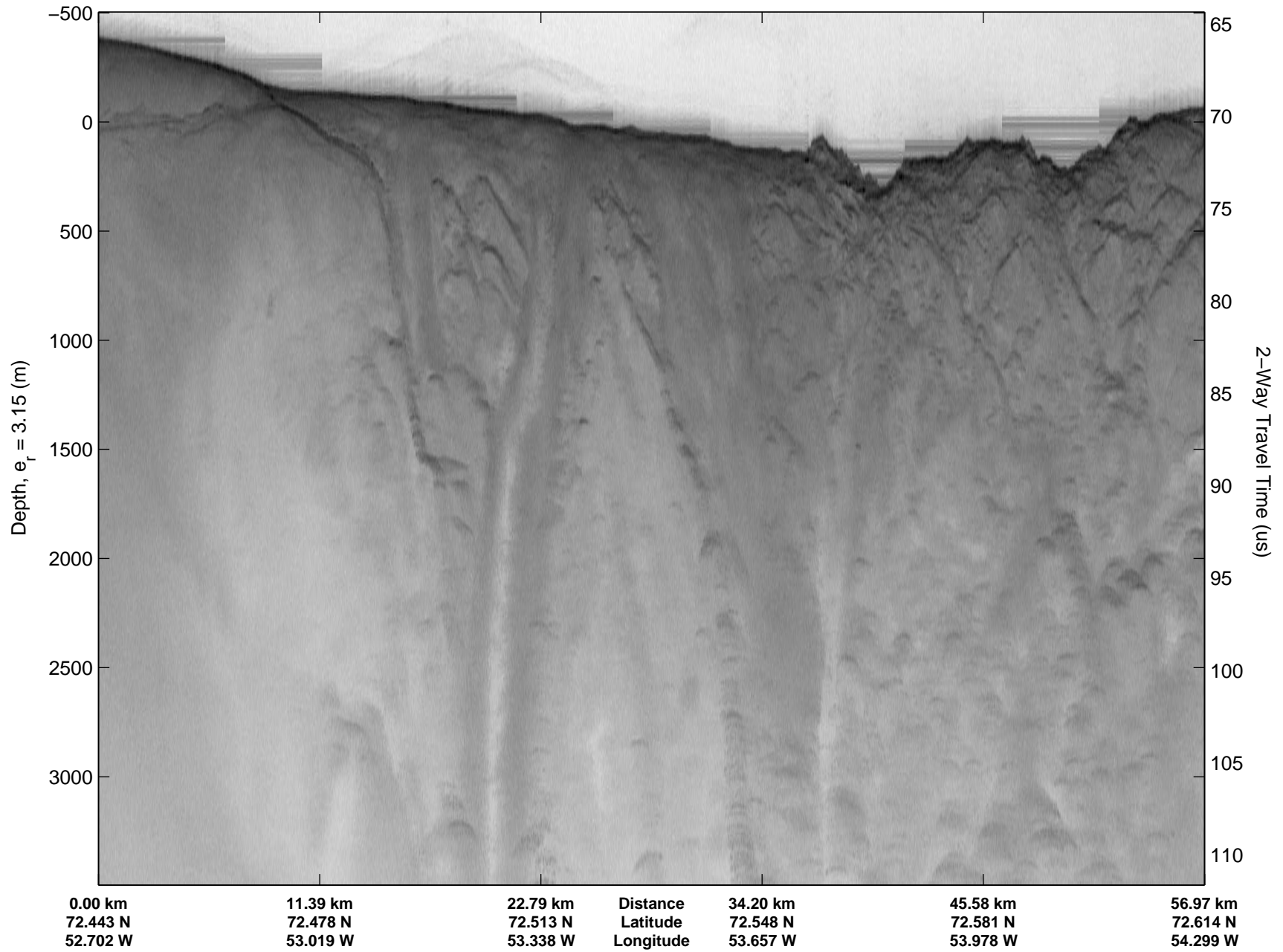
Data Frame ID: 20100409_02_026



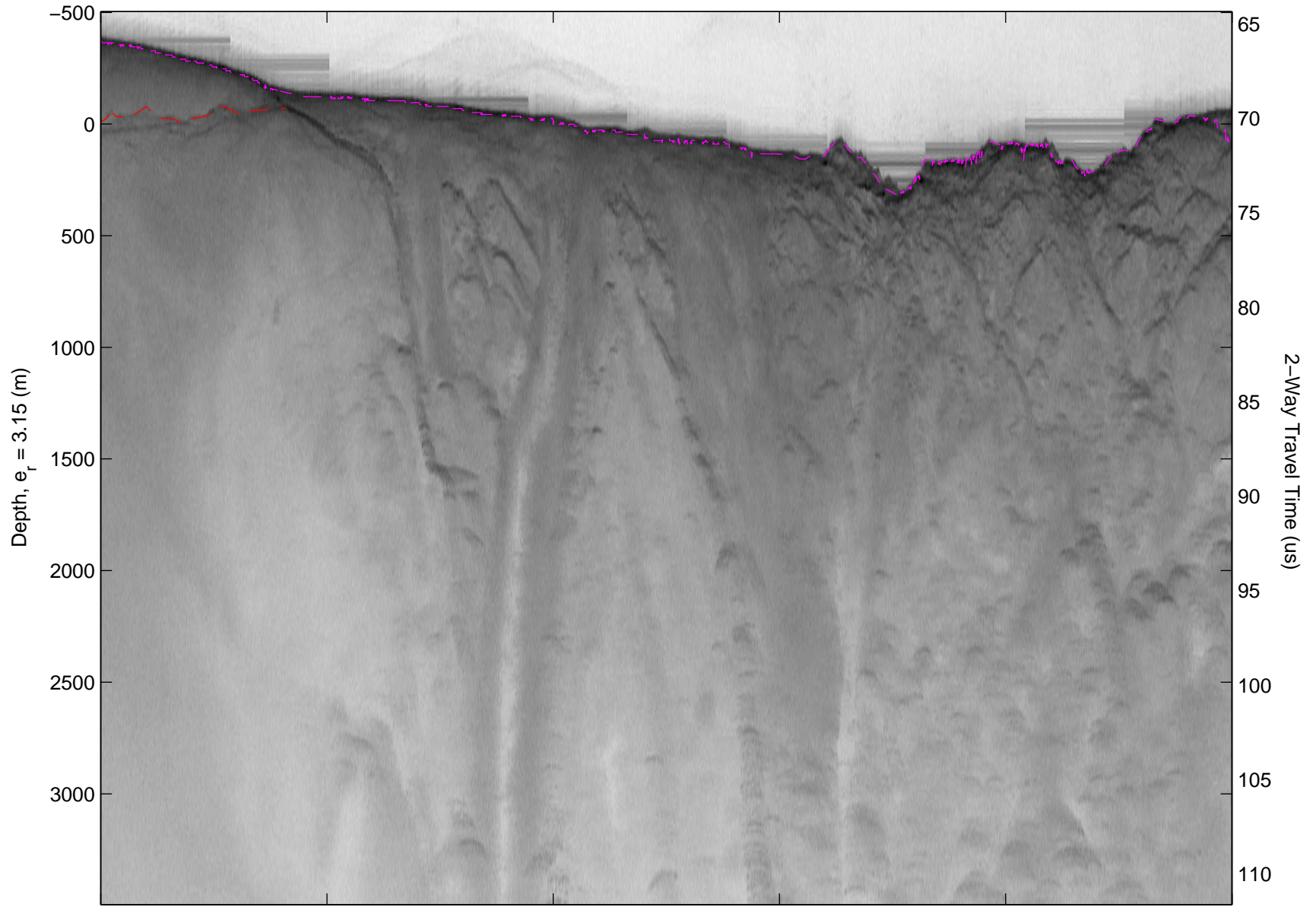
0.00 km	11.42 km	22.83 km	Distance	34.23 km	45.65 km	57.05 km
72.265 N	72.303 N	72.340 N	Latitude	72.377 N	72.413 N	72.449 N
51.190 W	51.501 W	51.813 W	Longitude	52.127 W	52.441 W	52.757 W



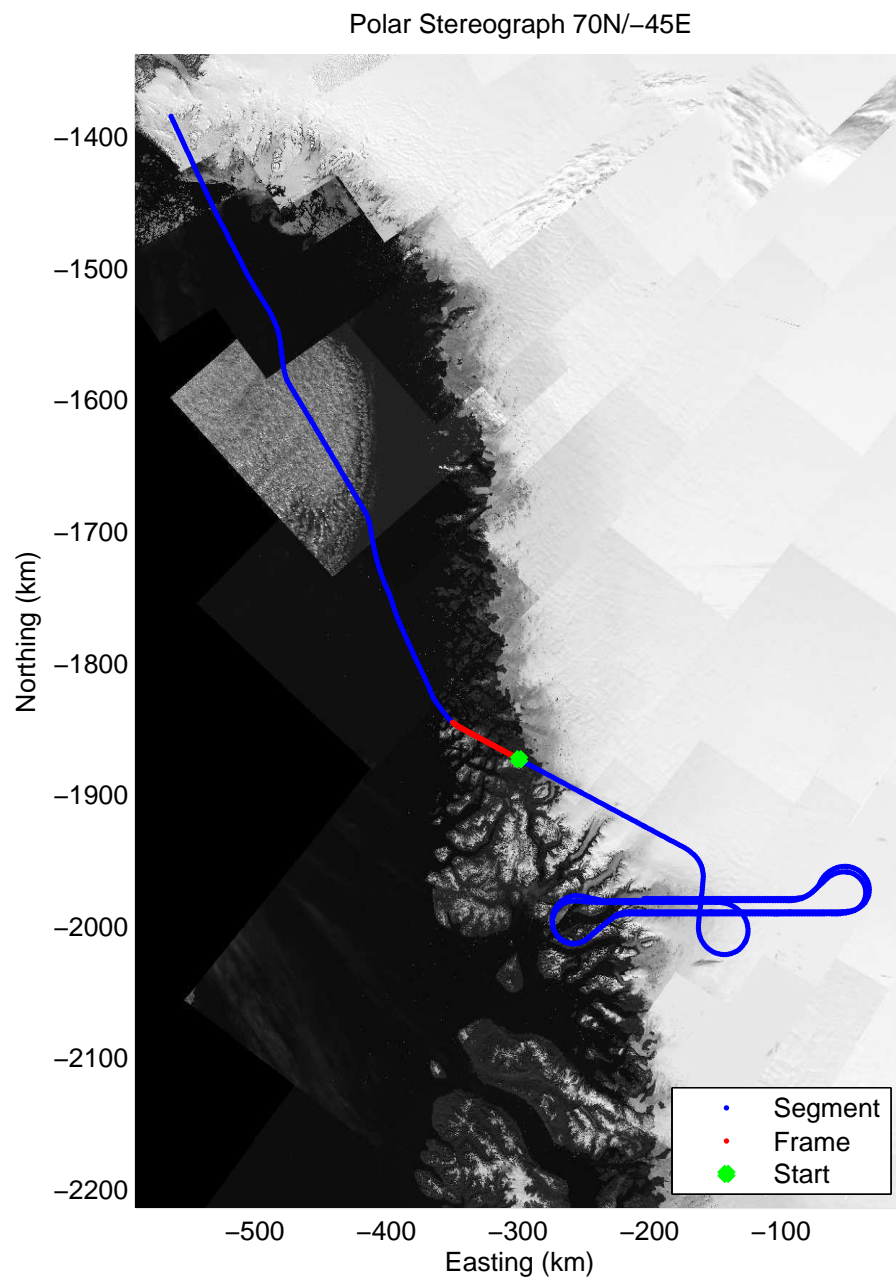
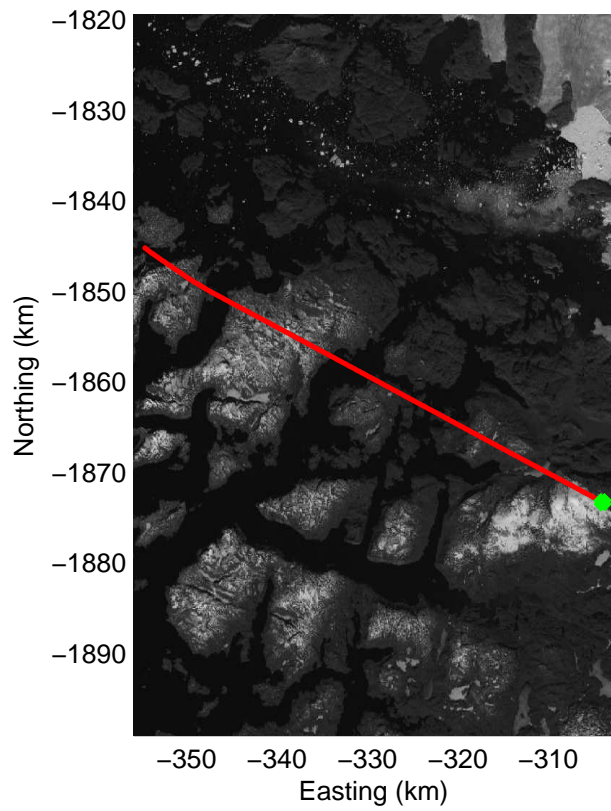
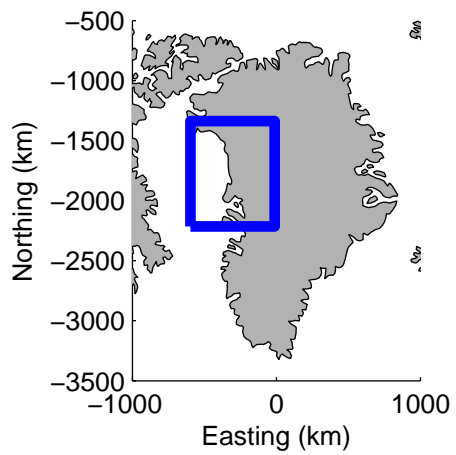
Data Frame ID: 20100409_02_027



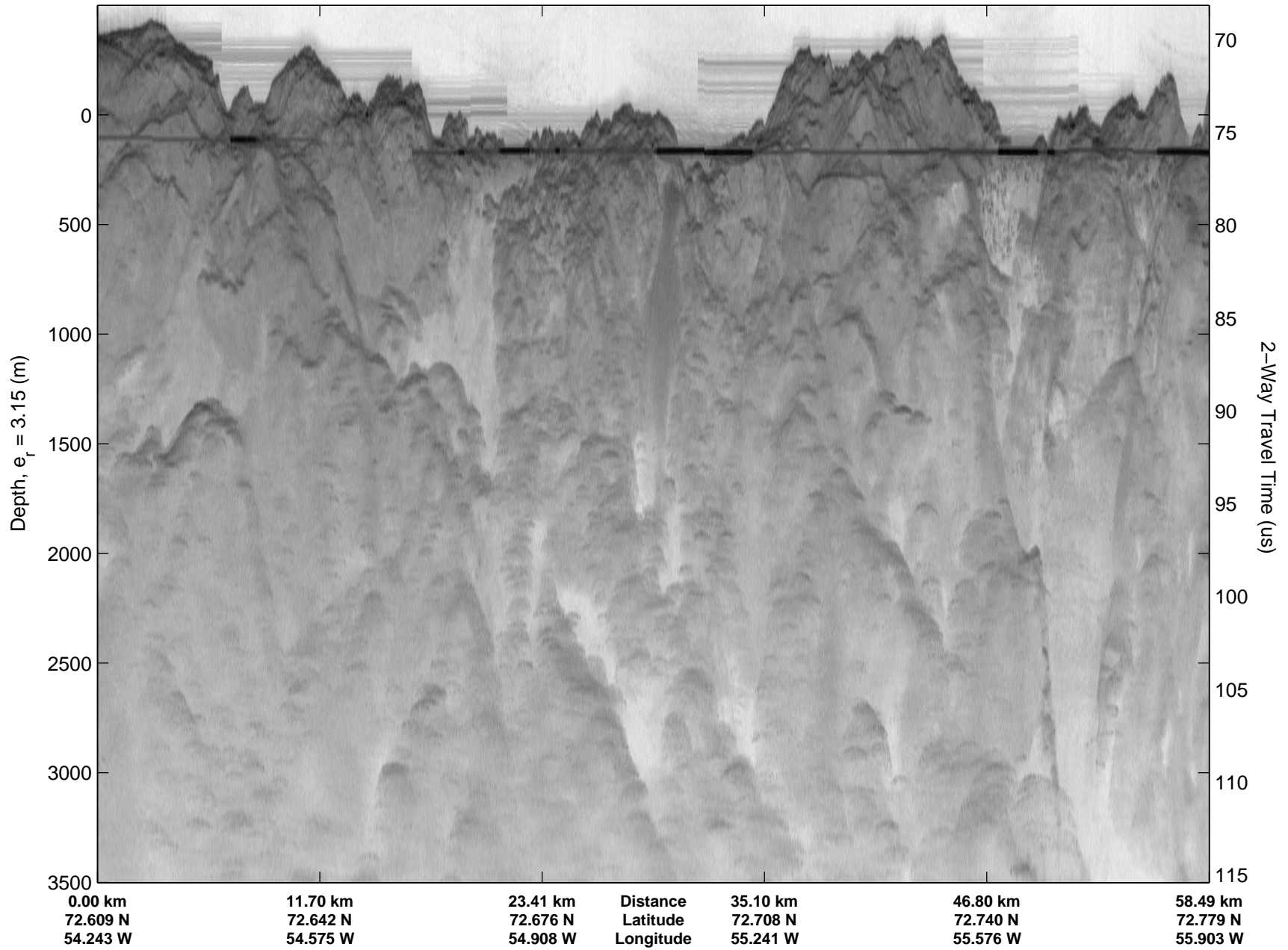
Data Frame ID: 20100409_02_027



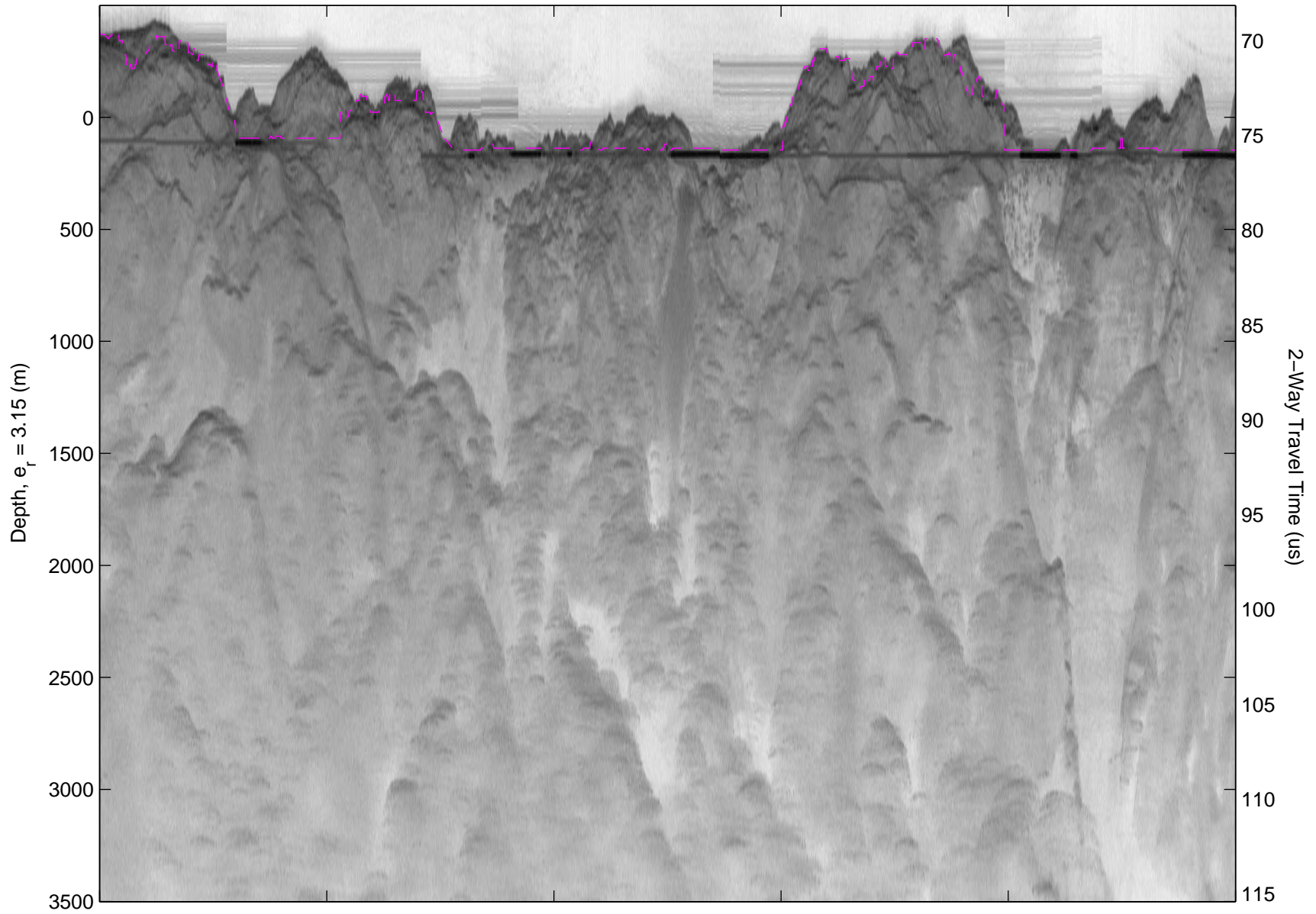
0.00 km	11.39 km	22.79 km	Distance	34.20 km	45.58 km	56.97 km
72.443 N	72.478 N	72.513 N	Latitude	72.548 N	72.581 N	72.614 N
52.702 W	53.019 W	53.338 W	Longitude	53.657 W	53.978 W	54.299 W



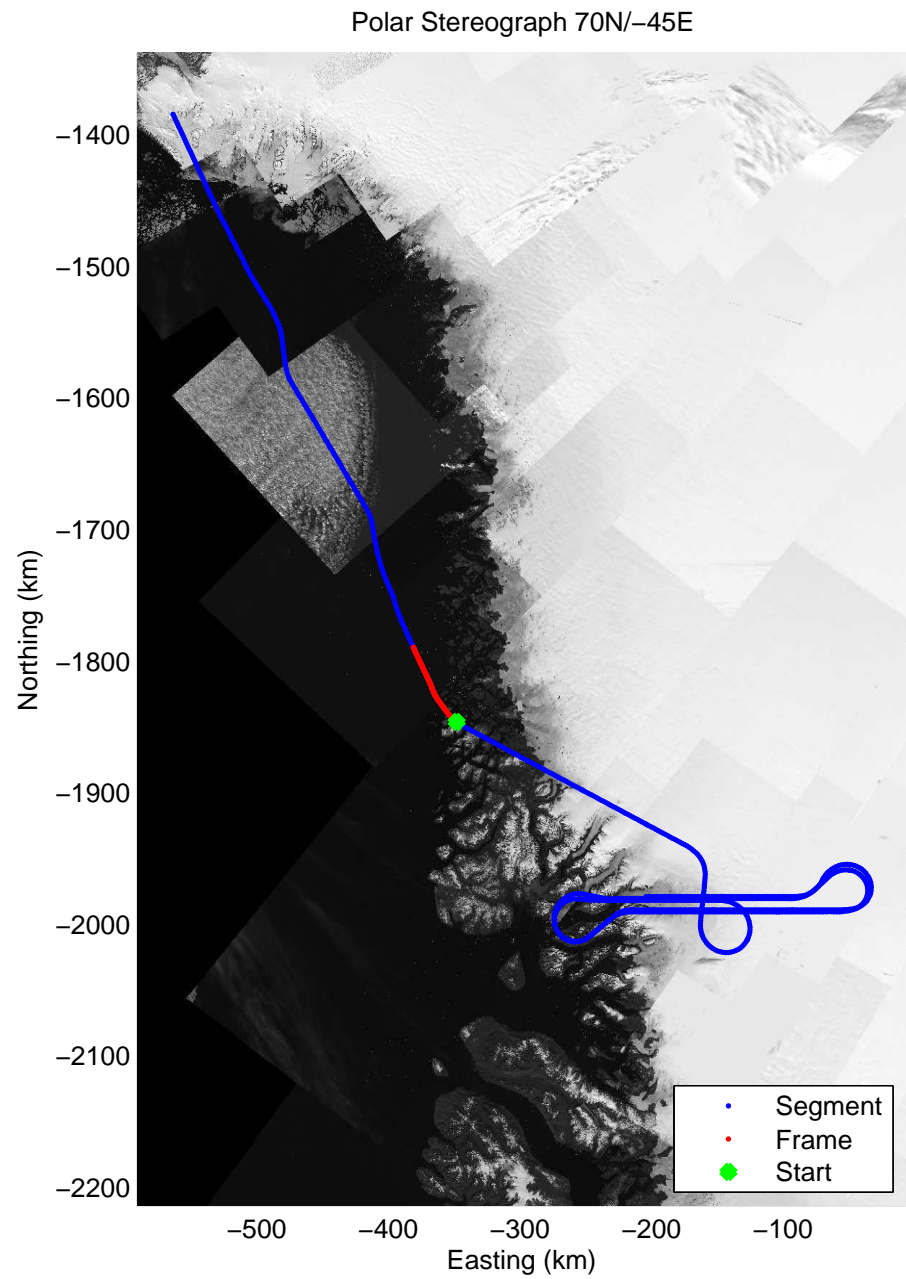
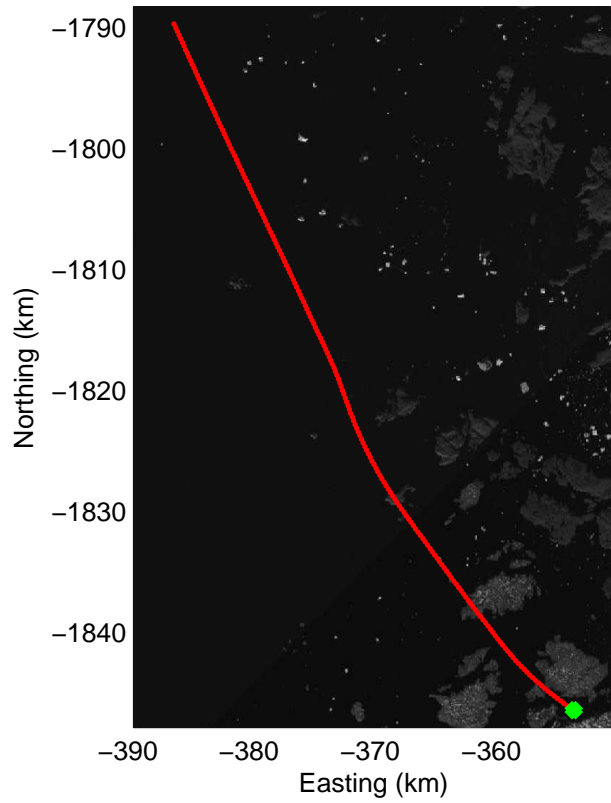
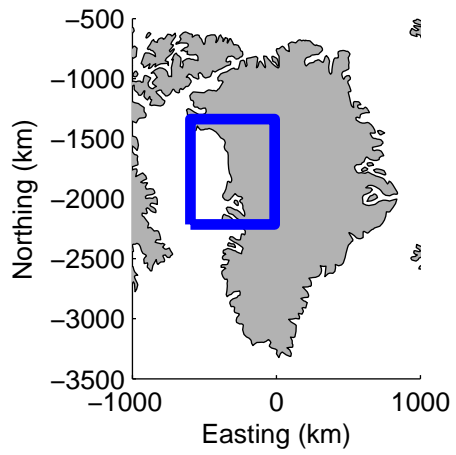
Data Frame ID: 20100409_02_028



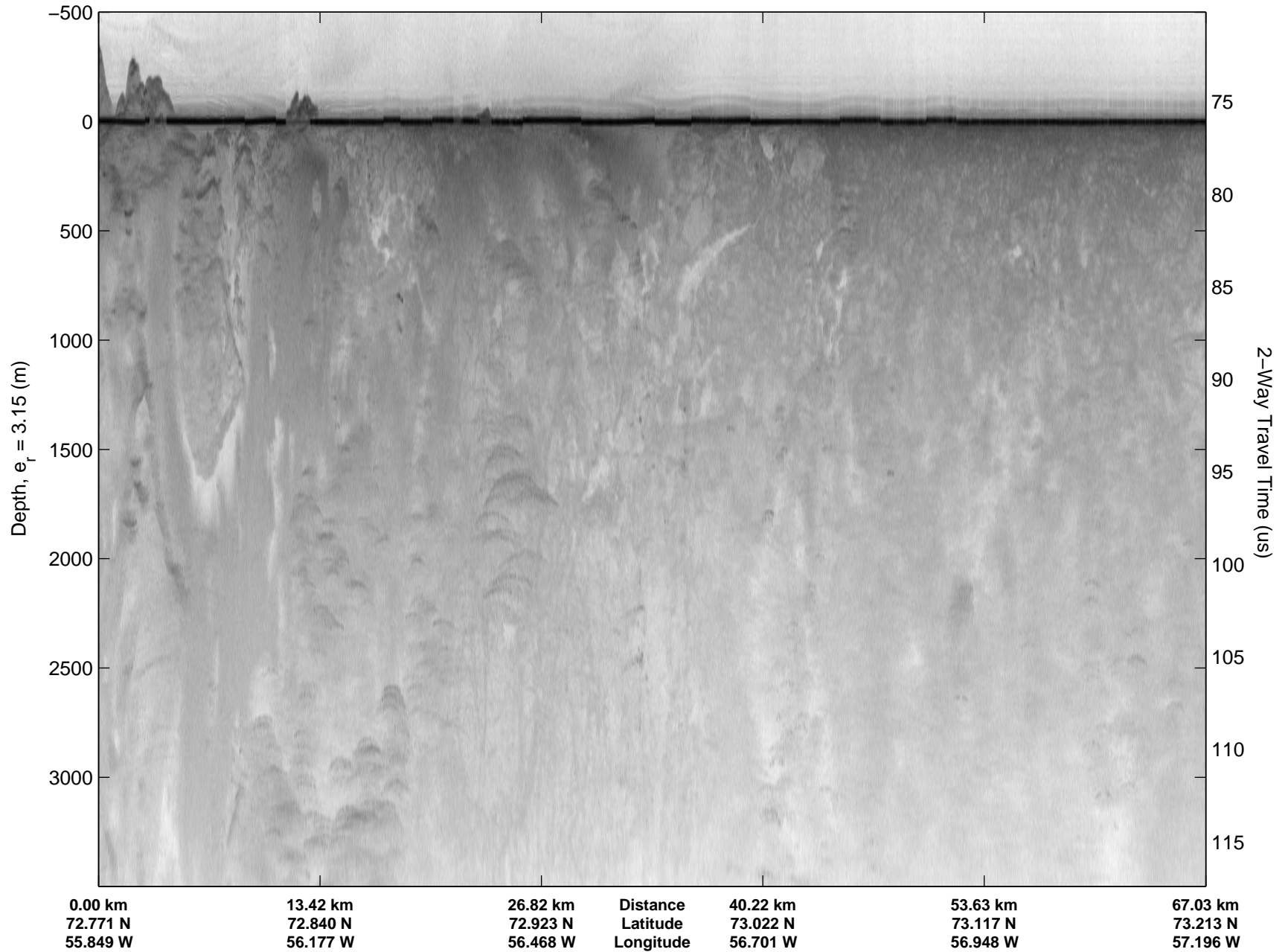
Data Frame ID: 20100409_02_028



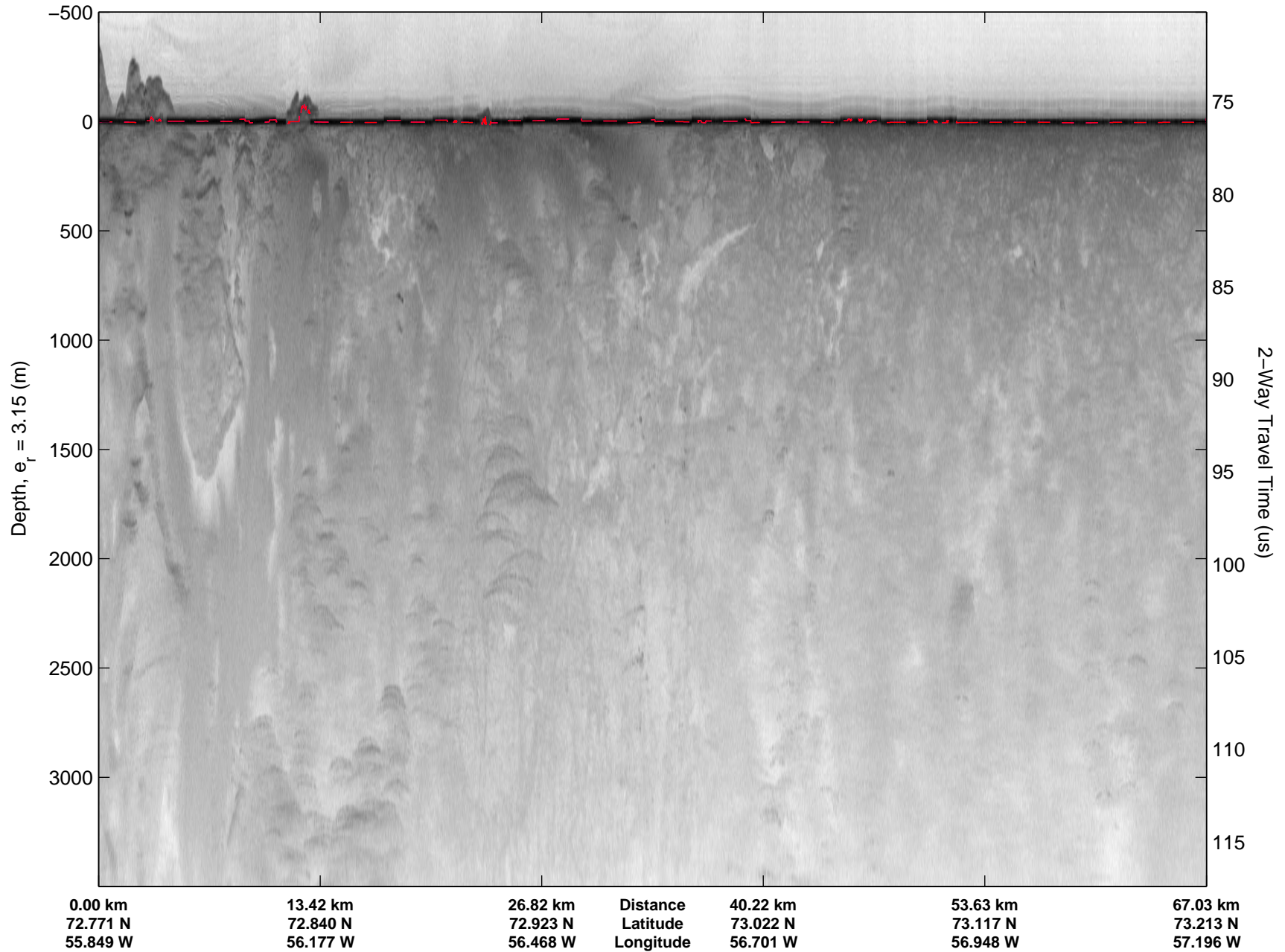
0.00 km	11.70 km	23.41 km	Distance	35.10 km	46.80 km	58.49 km
72.609 N	72.642 N	72.676 N	Latitude	72.708 N	72.740 N	72.779 N
54.243 W	54.575 W	54.908 W	Longitude	55.241 W	55.576 W	55.903 W

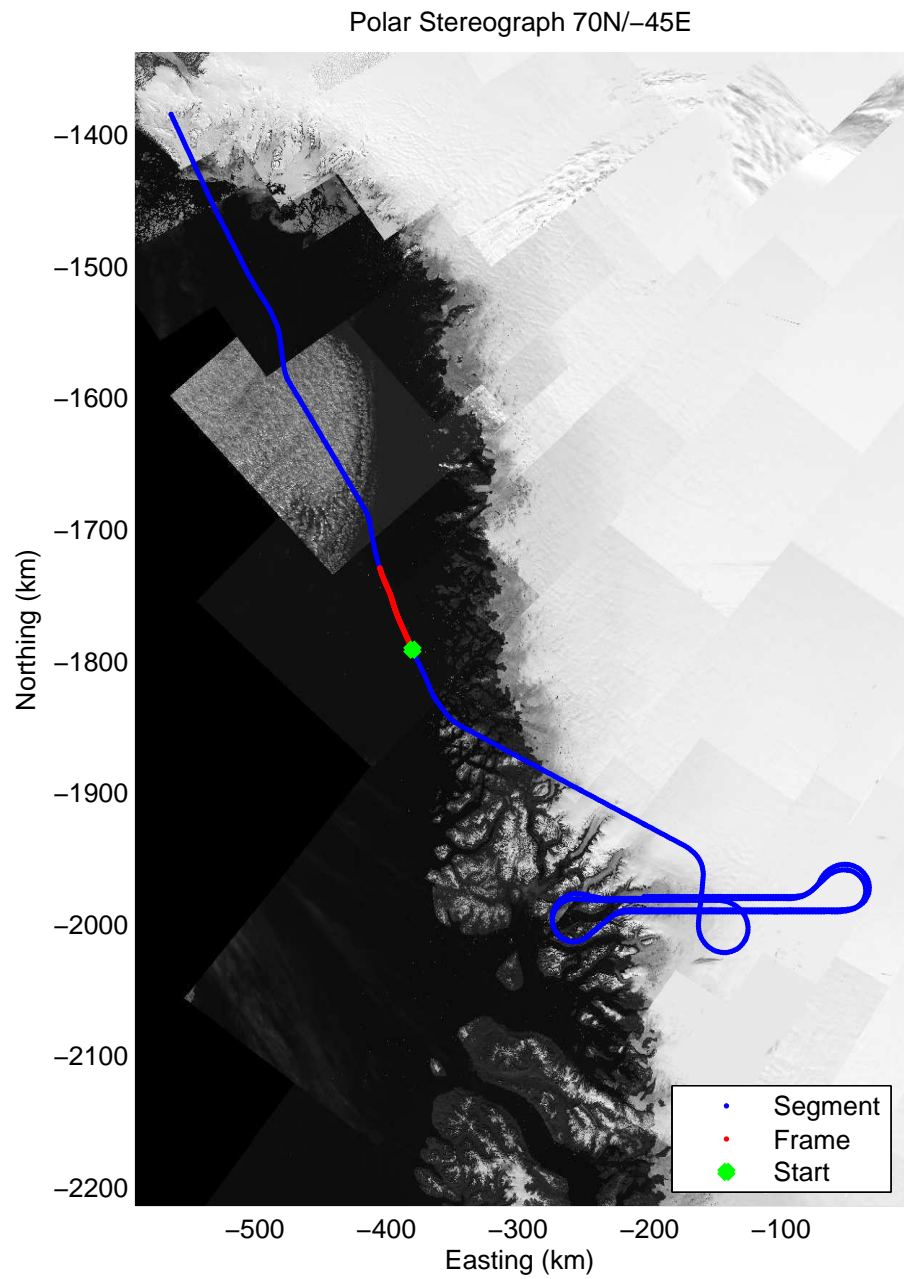
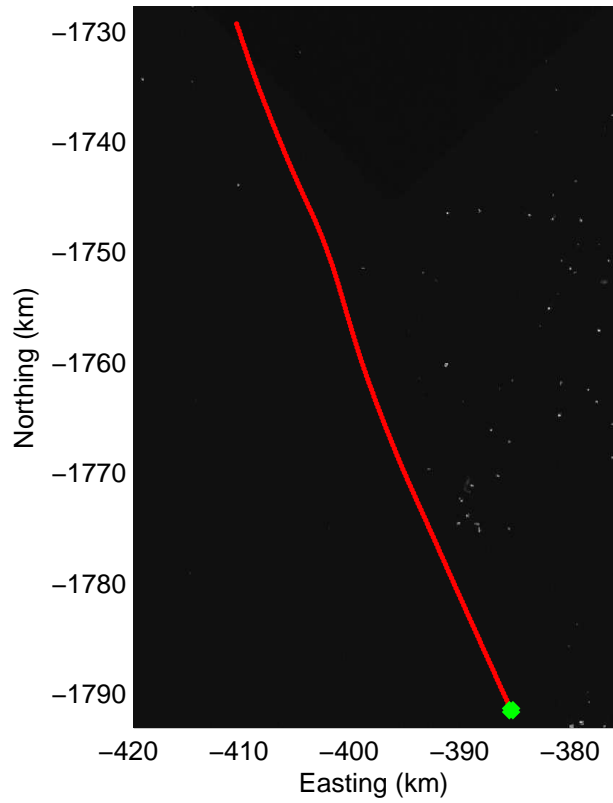
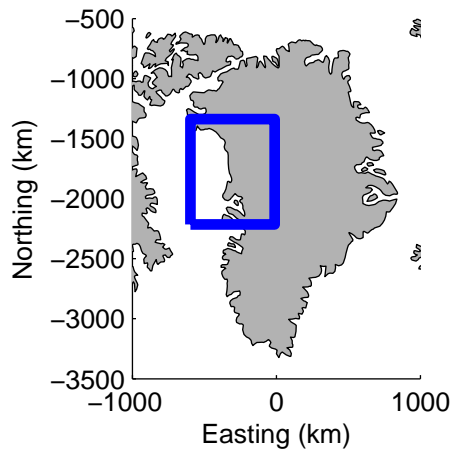


Data Frame ID: 20100409_02_029

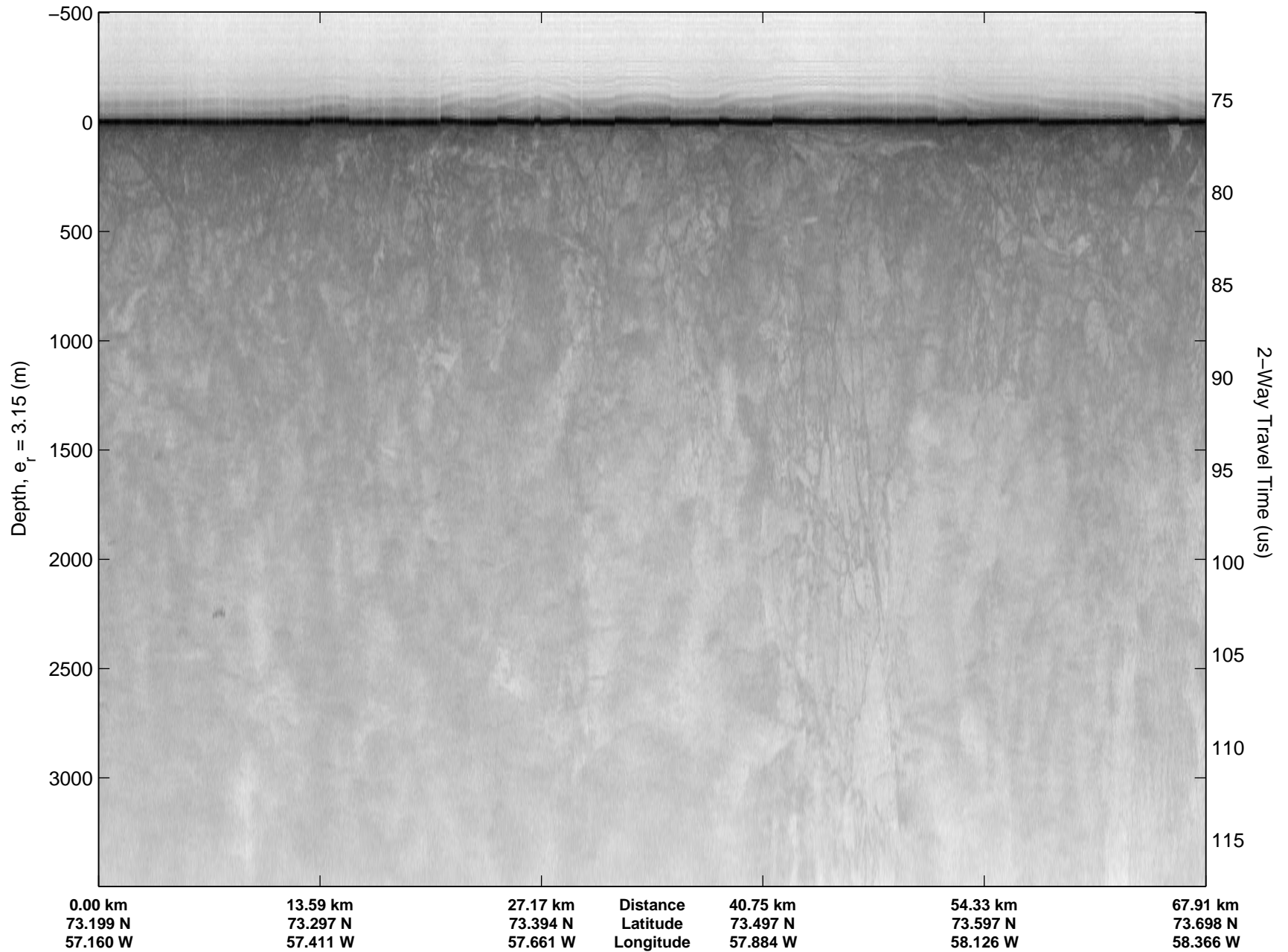


Data Frame ID: 20100409_02_029

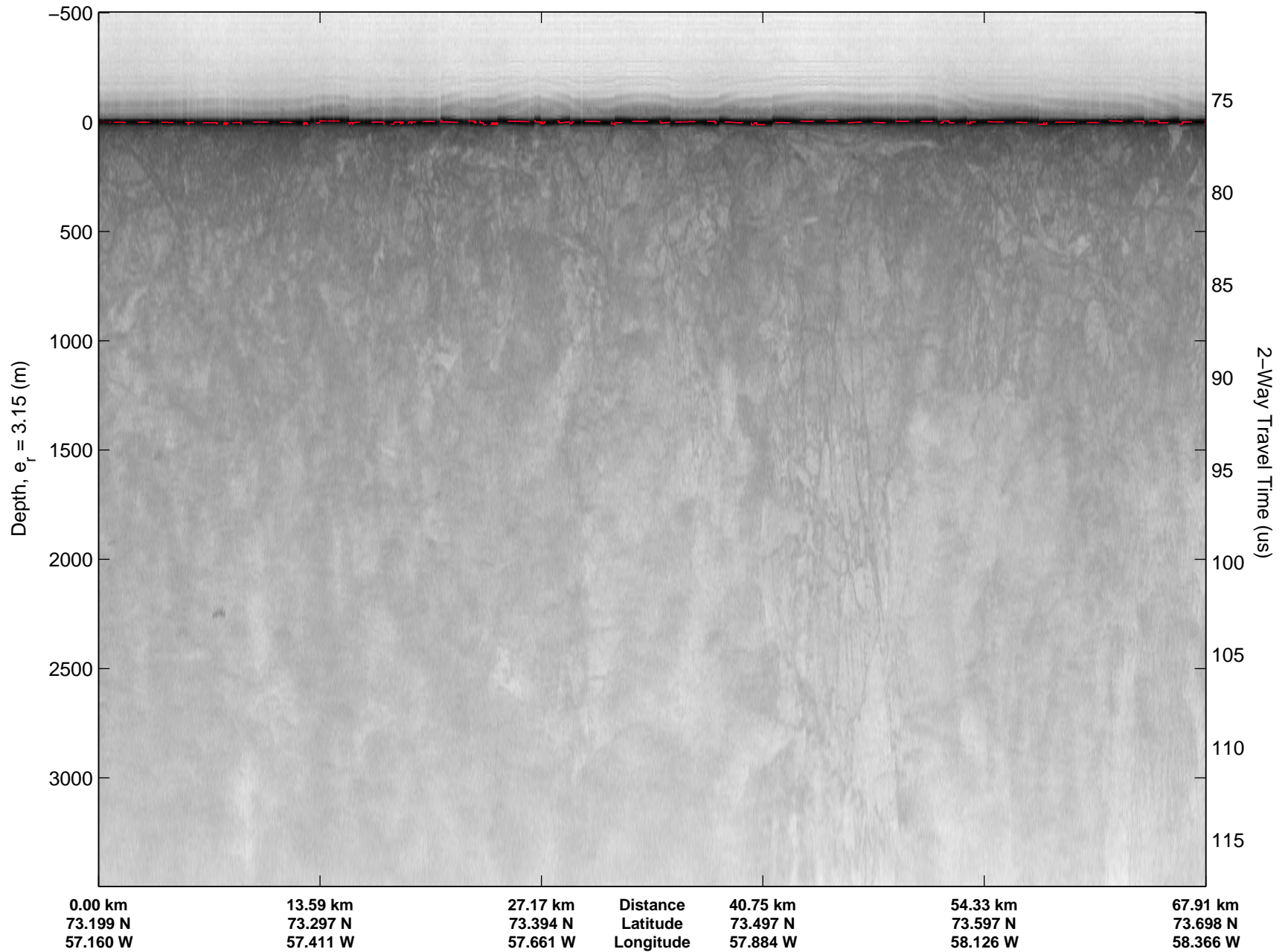


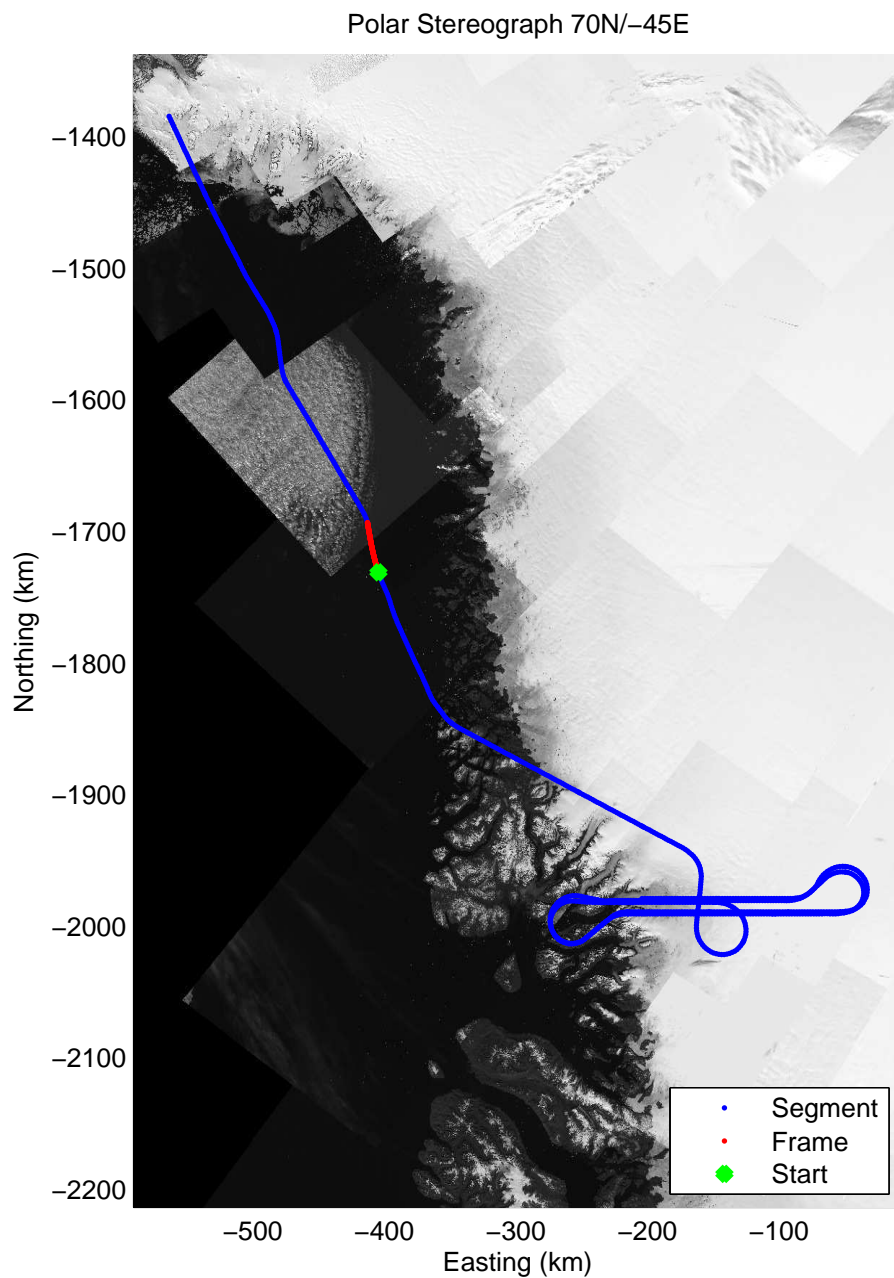
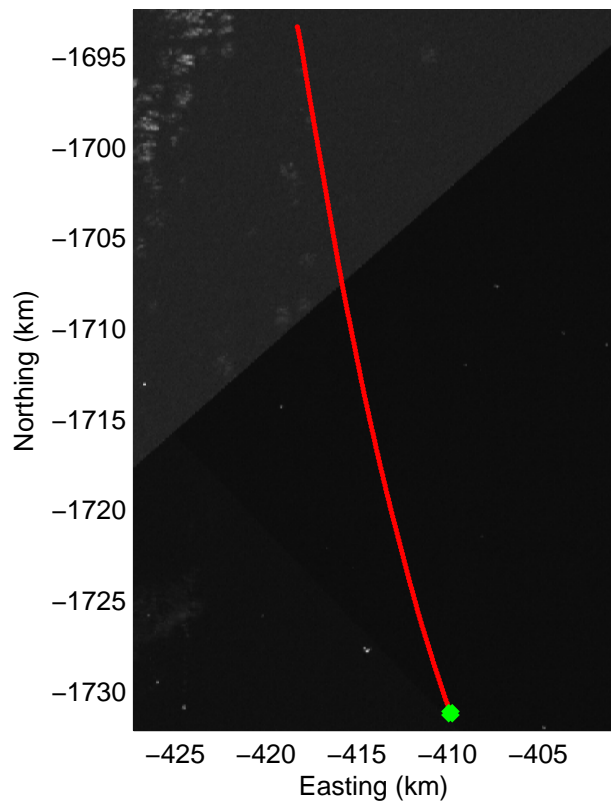
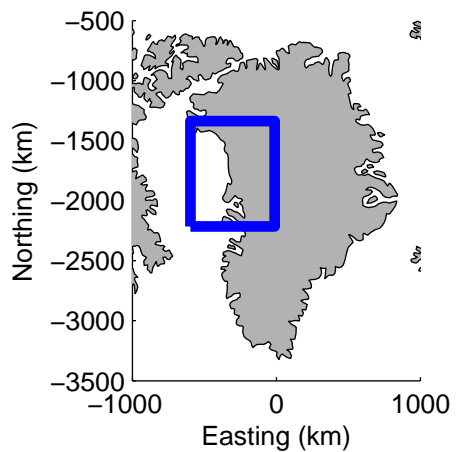


Data Frame ID: 20100409_02_030

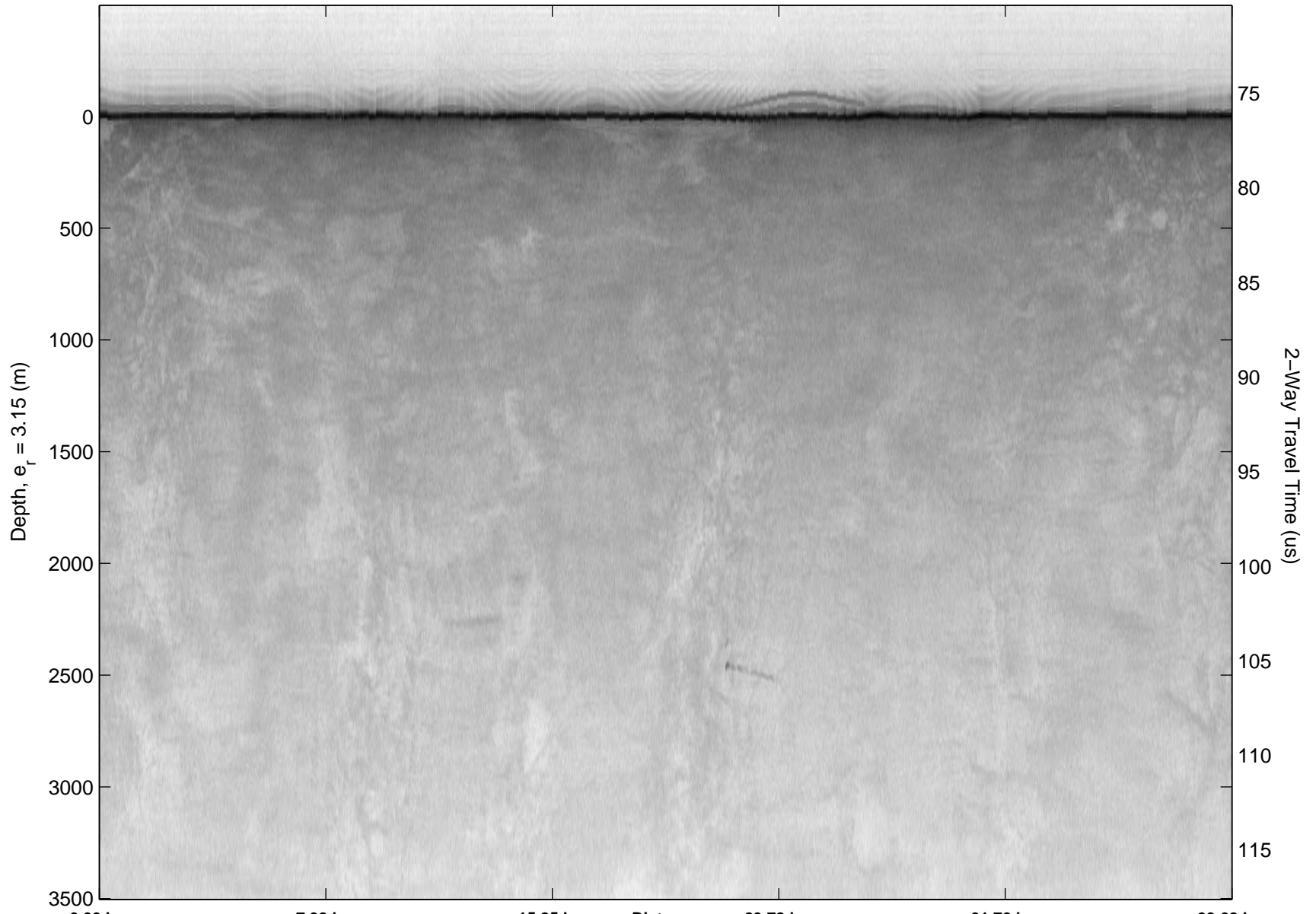


Data Frame ID: 20100409_02_030



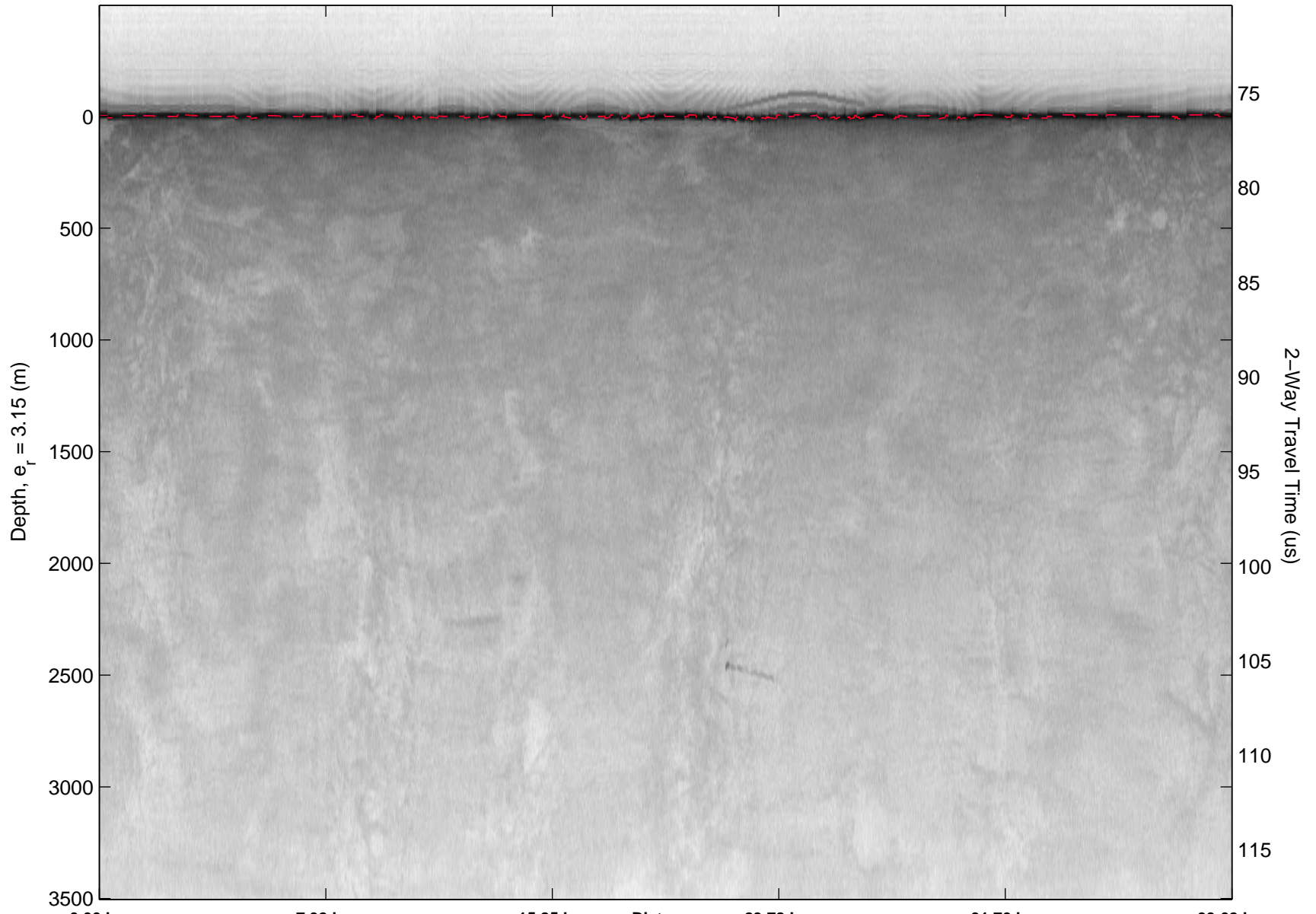


Data Frame ID: 20100409_02_031



0.00 km	7.92 km	15.85 km	Distance	23.78 km	31.70 km	39.62 km
73.683 N	73.744 N	73.806 N	Latitude	73.869 N	73.933 N	73.998 N
58.332 W	58.460 W	58.576 W	Longitude	58.684 W	58.786 W	58.888 W

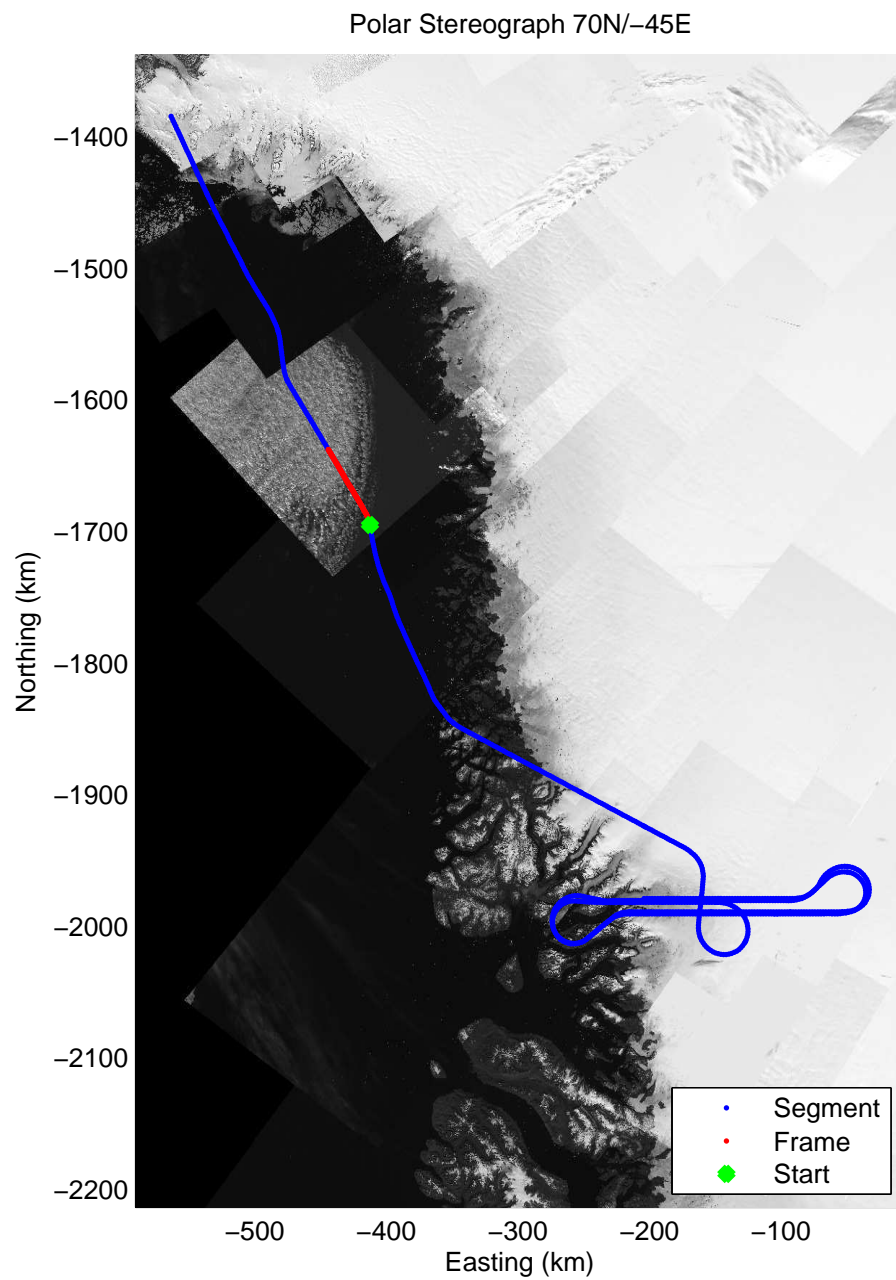
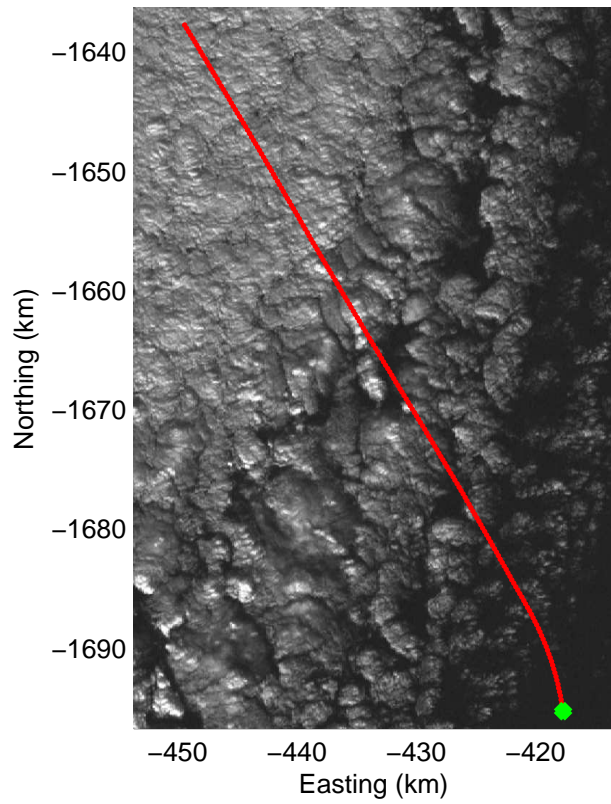
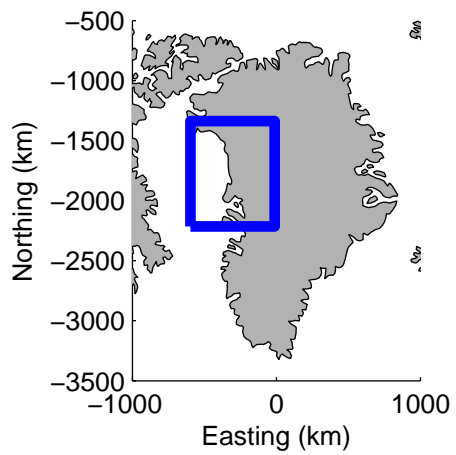
Data Frame ID: 20100409_02_031



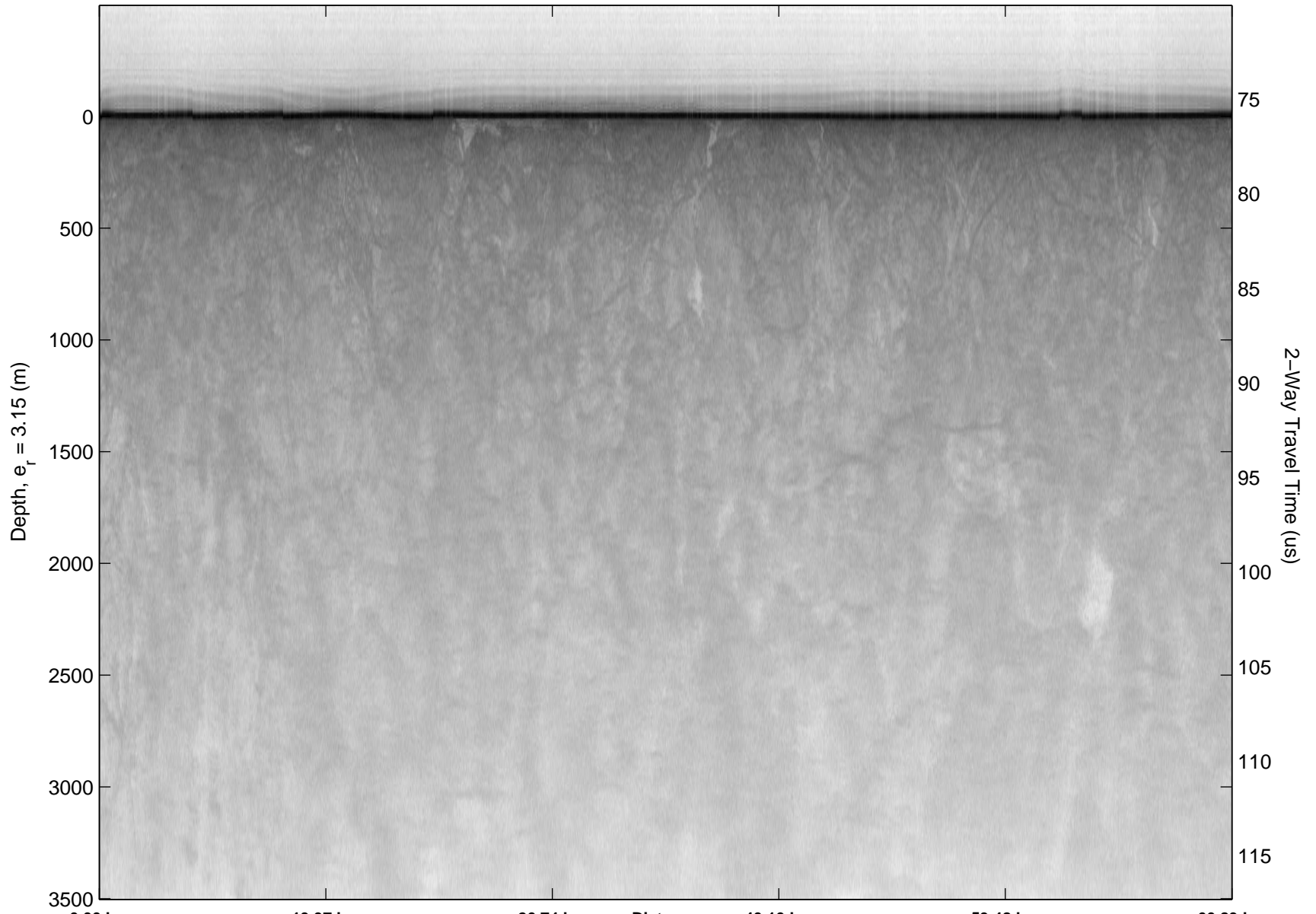
Depth, $e_r = 3.15$ (m)

2-Way Travel Time (us)

0.00 km	7.92 km	15.85 km	Distance	23.78 km	31.70 km	39.62 km
73.683 N	73.744 N	73.806 N	Latitude	73.869 N	73.933 N	73.998 N
58.332 W	58.460 W	58.576 W	Longitude	58.684 W	58.786 W	58.888 W

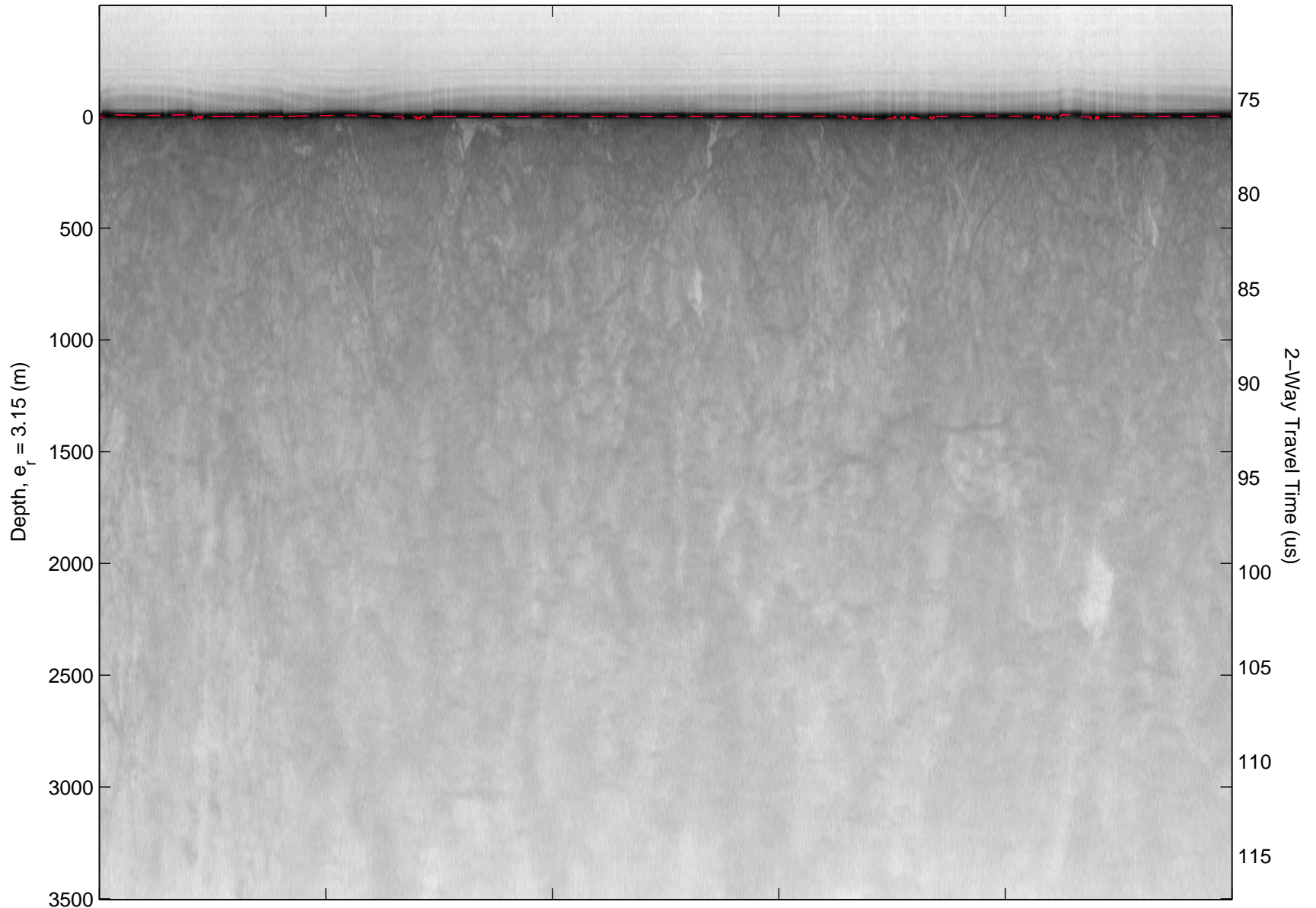


Data Frame ID: 20100409_02_032

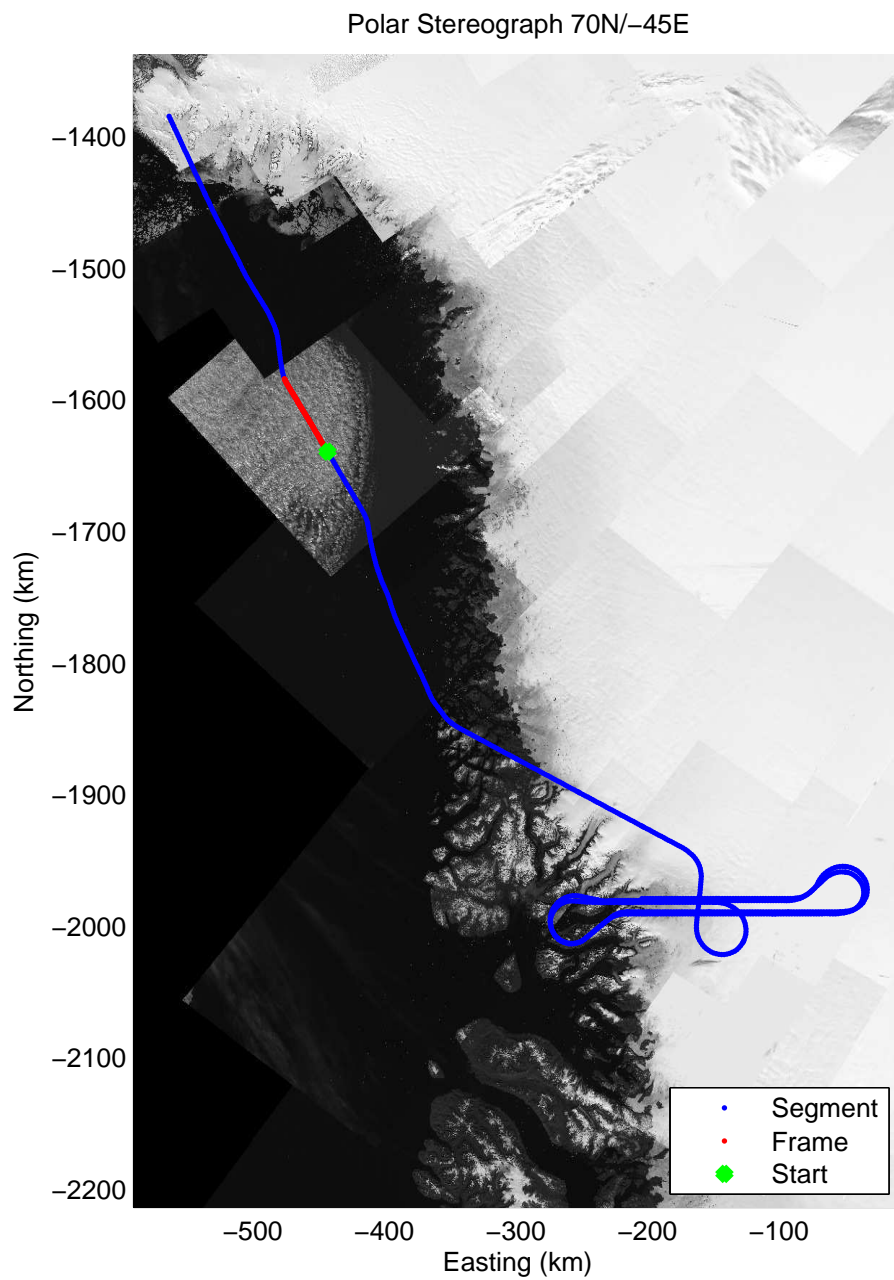
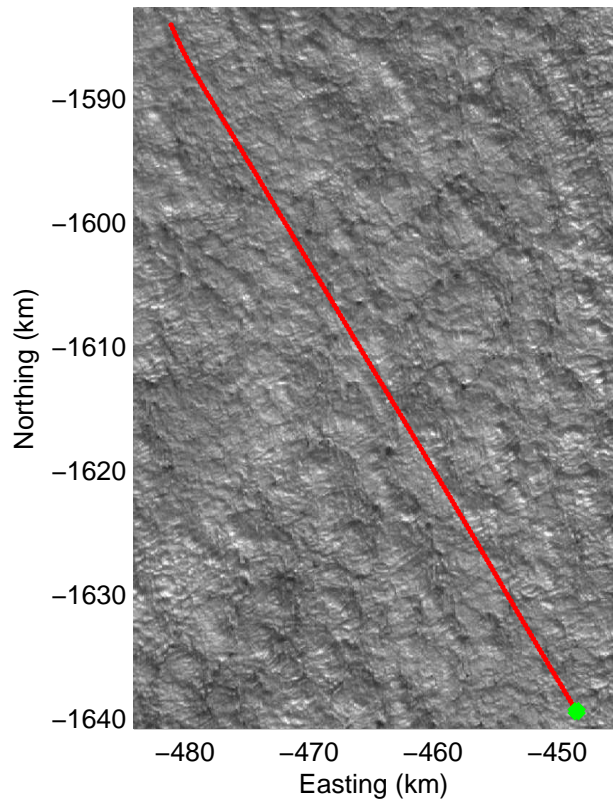
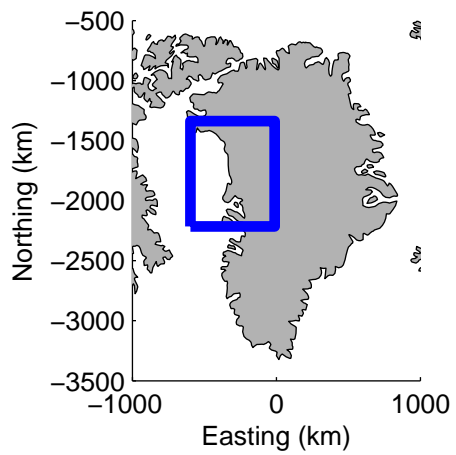


0.00 km	13.37 km	26.74 km	Distance	40.10 km	53.48 km	66.83 km
73.982 N	74.078 N	74.163 N	Latitude	74.246 N	74.331 N	74.414 N
58.862 W	59.115 W	59.421 W	Longitude	59.735 W	60.047 W	60.366 W

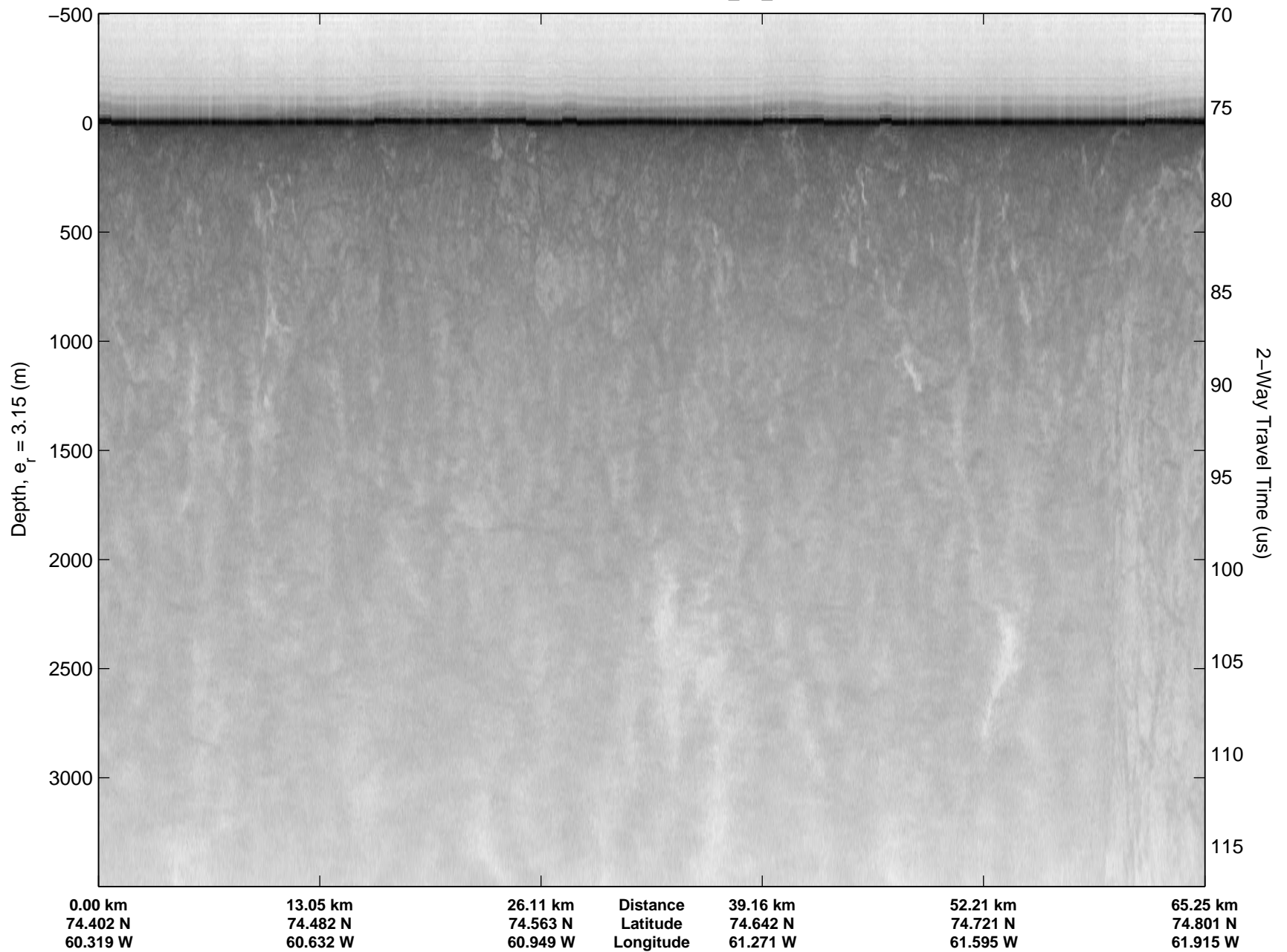
Data Frame ID: 20100409_02_032



0.00 km	13.37 km	26.74 km	Distance	40.10 km	53.48 km	66.83 km
73.982 N	74.078 N	74.163 N	Latitude	74.246 N	74.331 N	74.414 N
58.862 W	59.115 W	59.421 W	Longitude	59.735 W	60.047 W	60.366 W

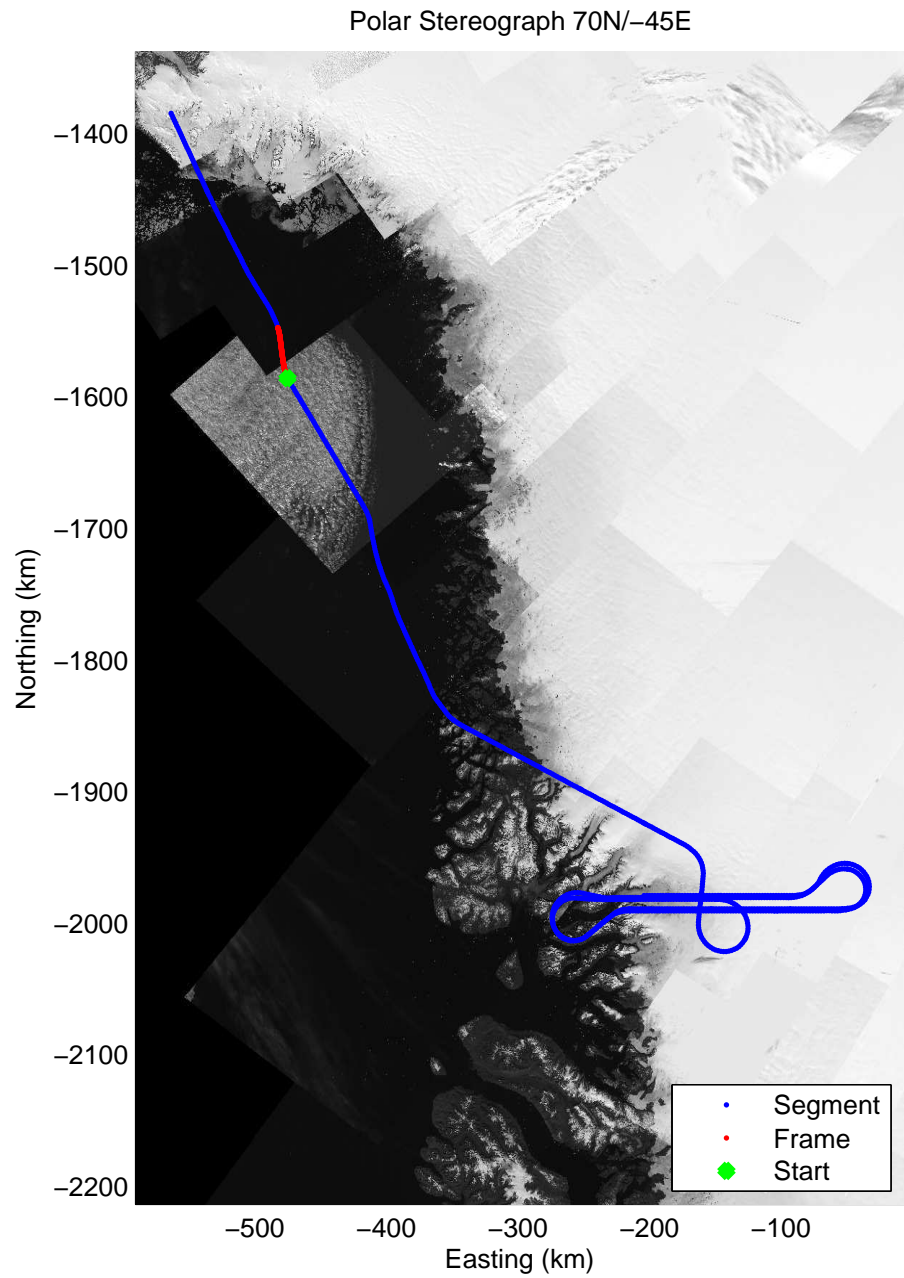
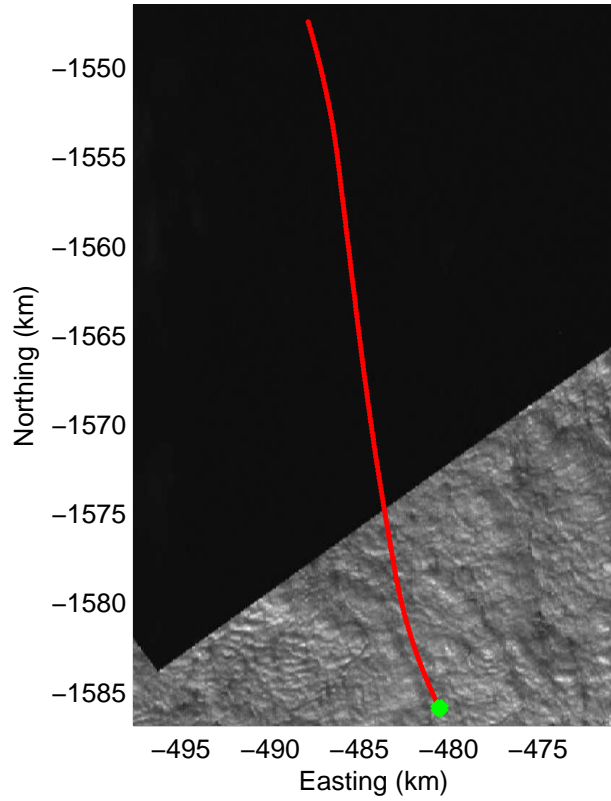
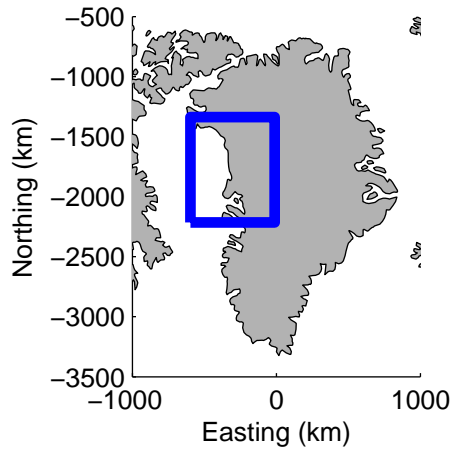


Data Frame ID: 20100409_02_033

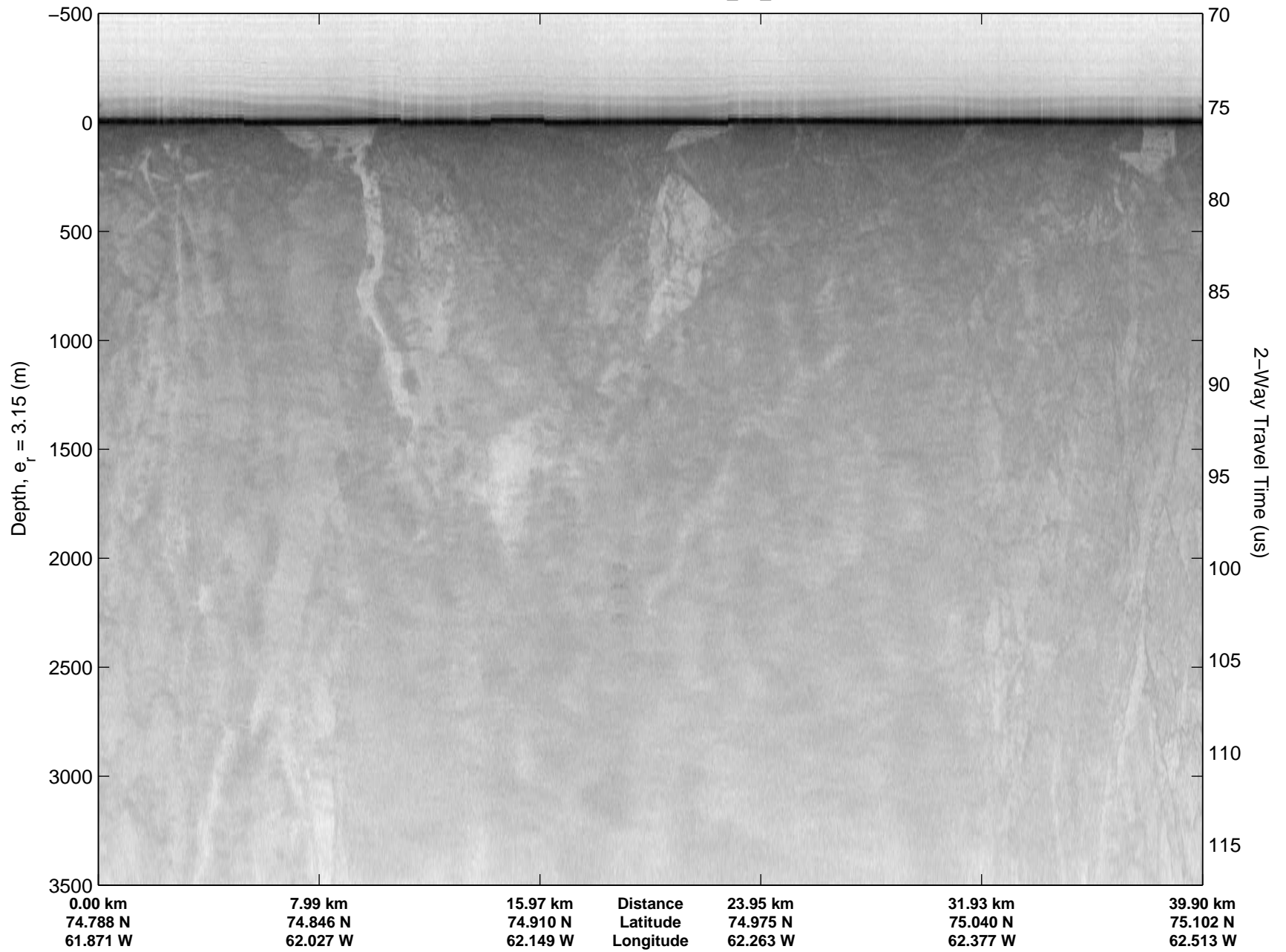


Data Frame ID: 20100409_02_033

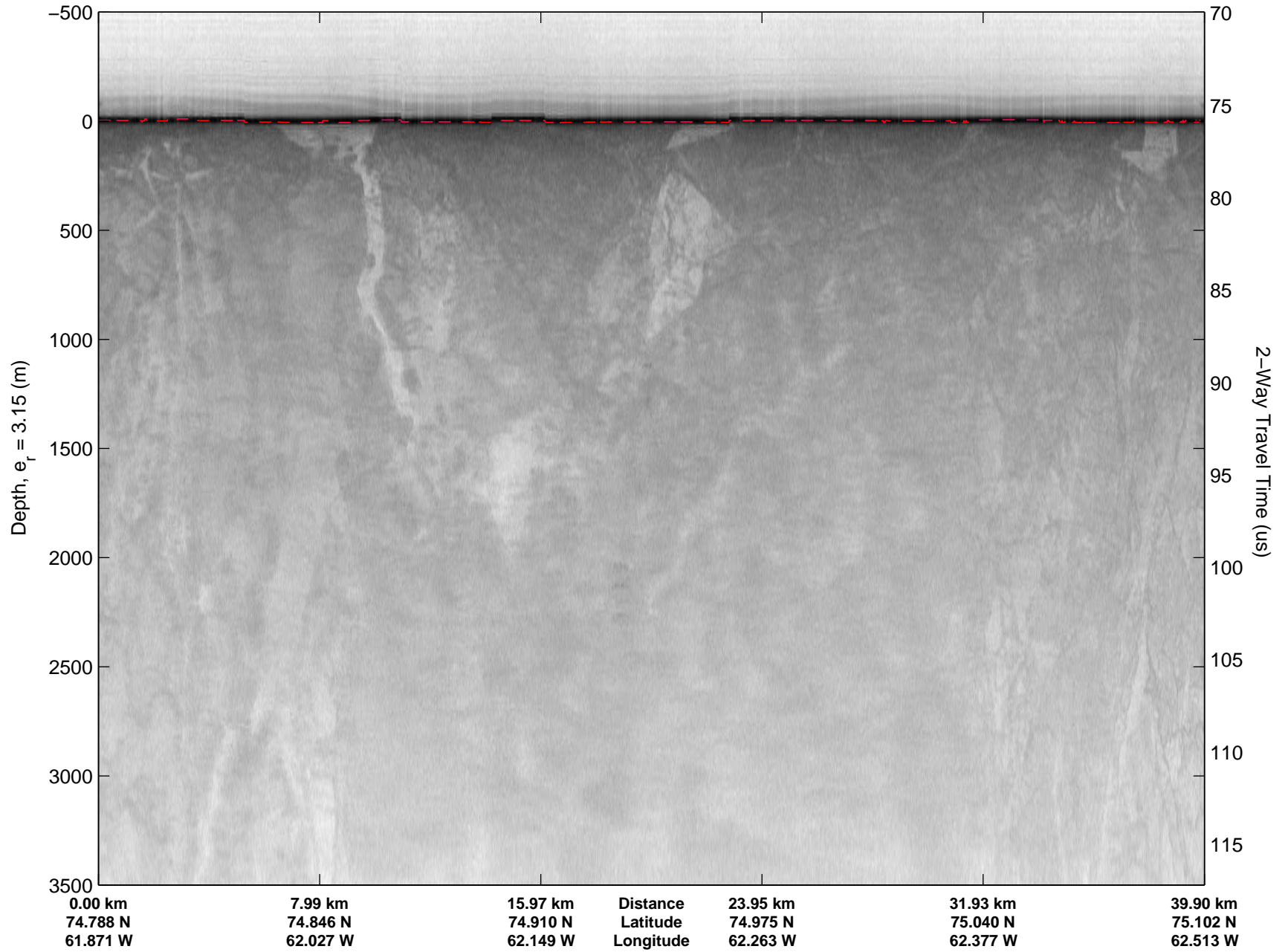


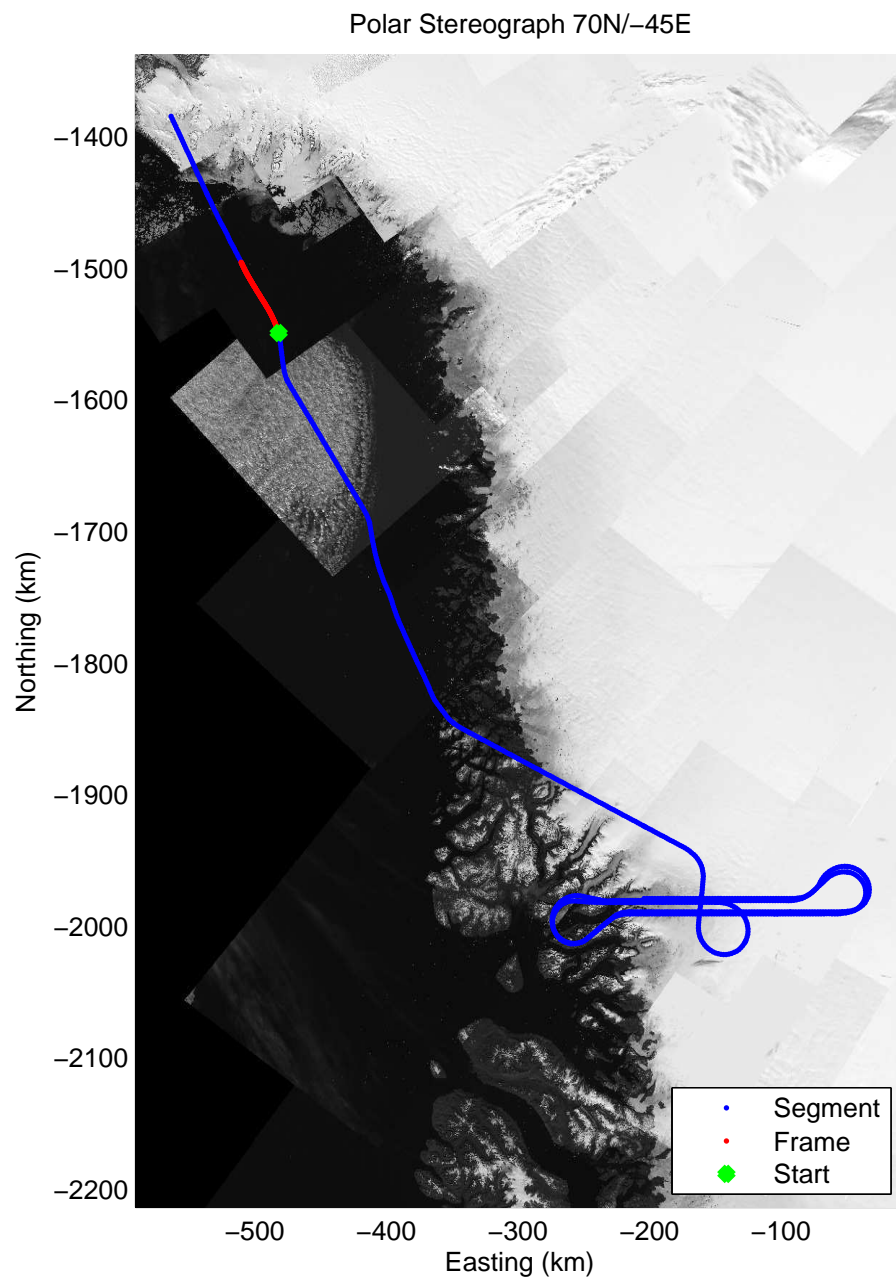
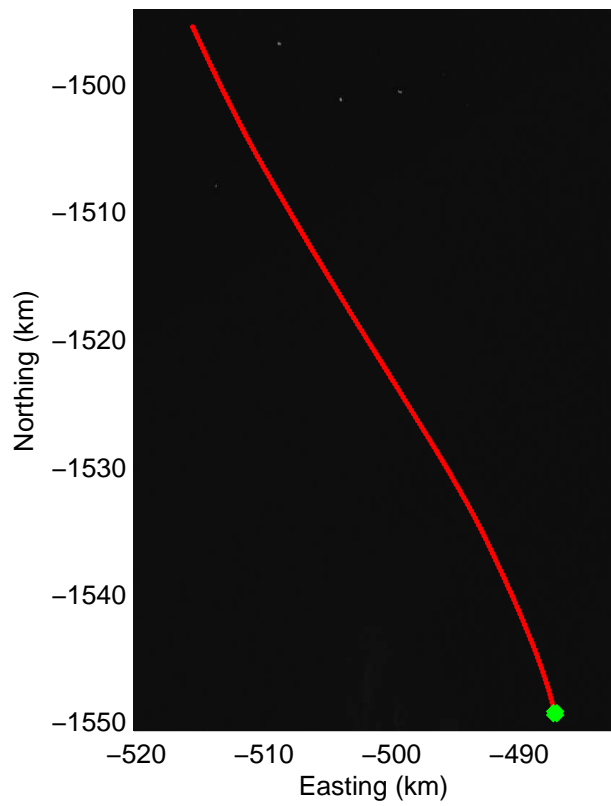
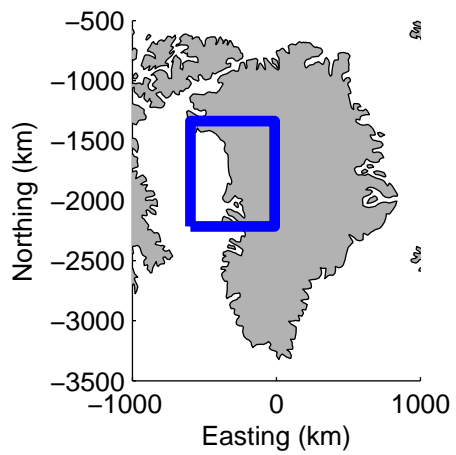


Data Frame ID: 20100409_02_034

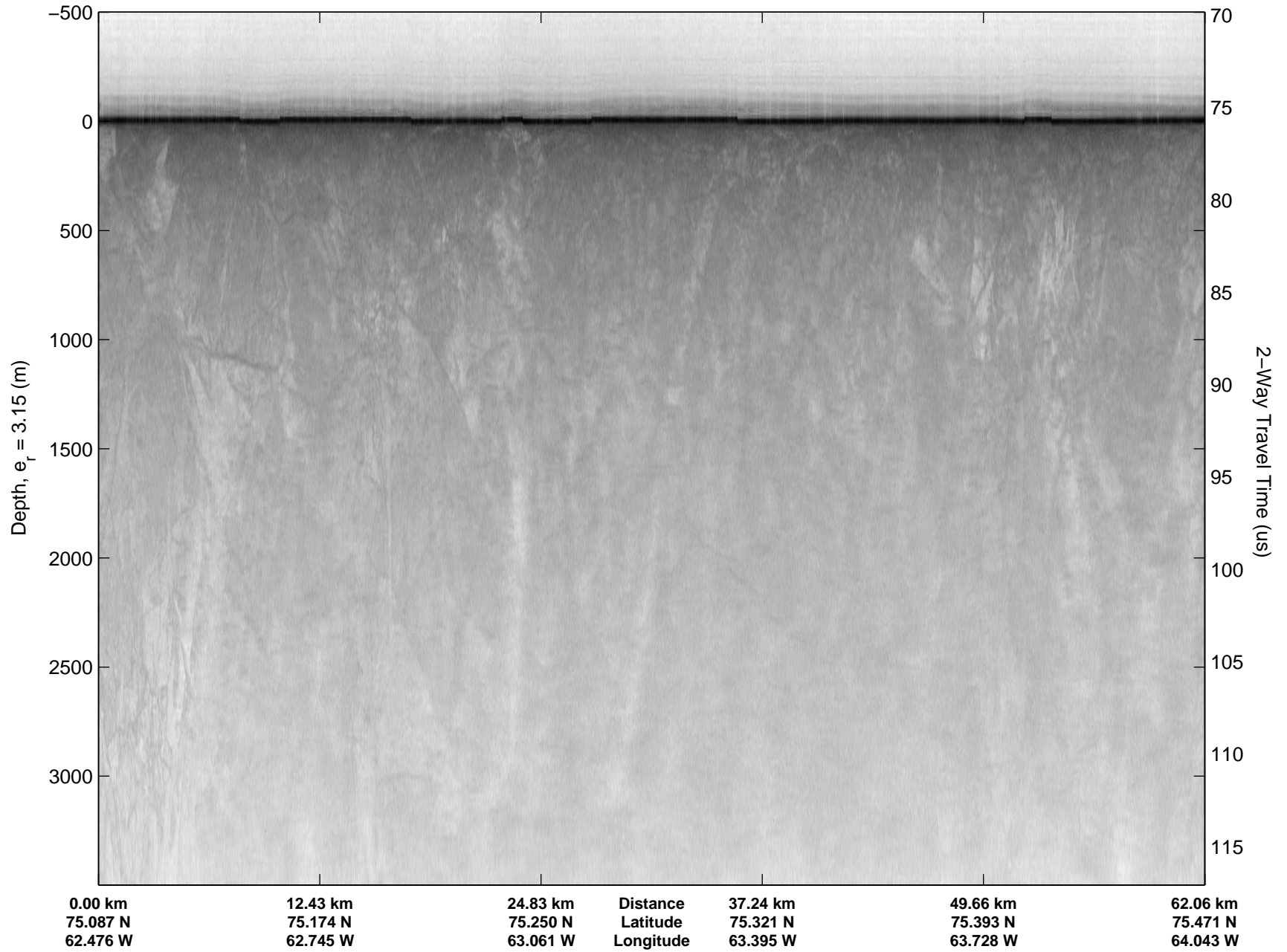


Data Frame ID: 20100409_02_034





Data Frame ID: 20100409_02_035



Data Frame ID: 20100409_02_035



0.00 km
75.087 N
62.476 W

12.43 km
75.174 N
62.745 W

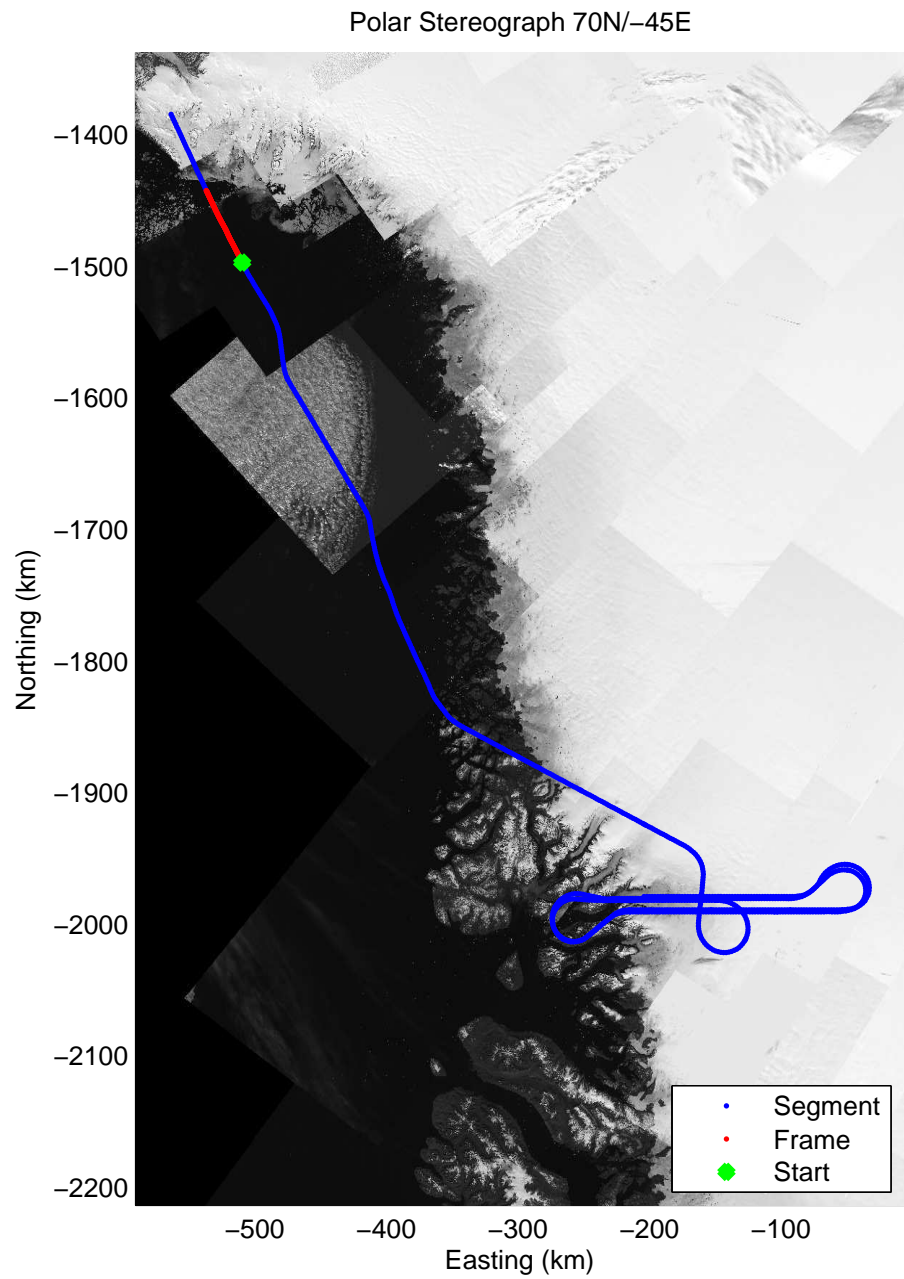
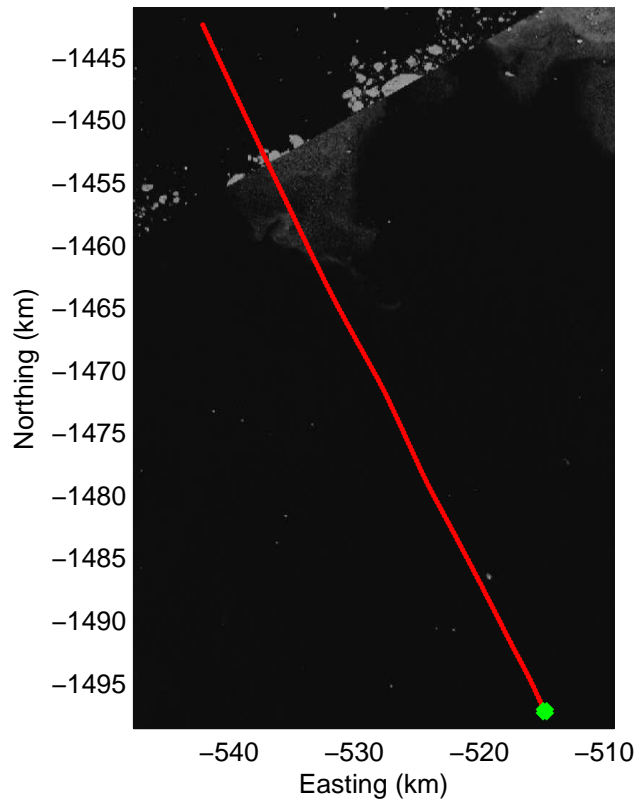
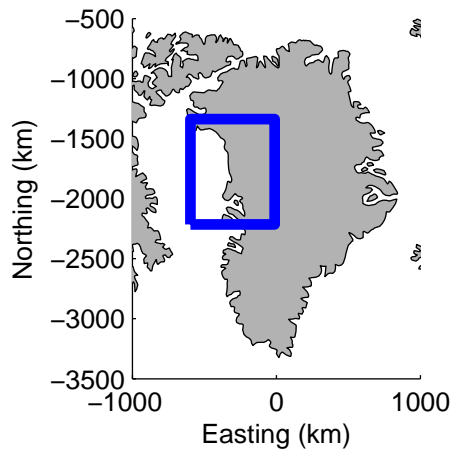
24.83 km
75.250 N
63.061 W

Distance
Latitude
Longitude

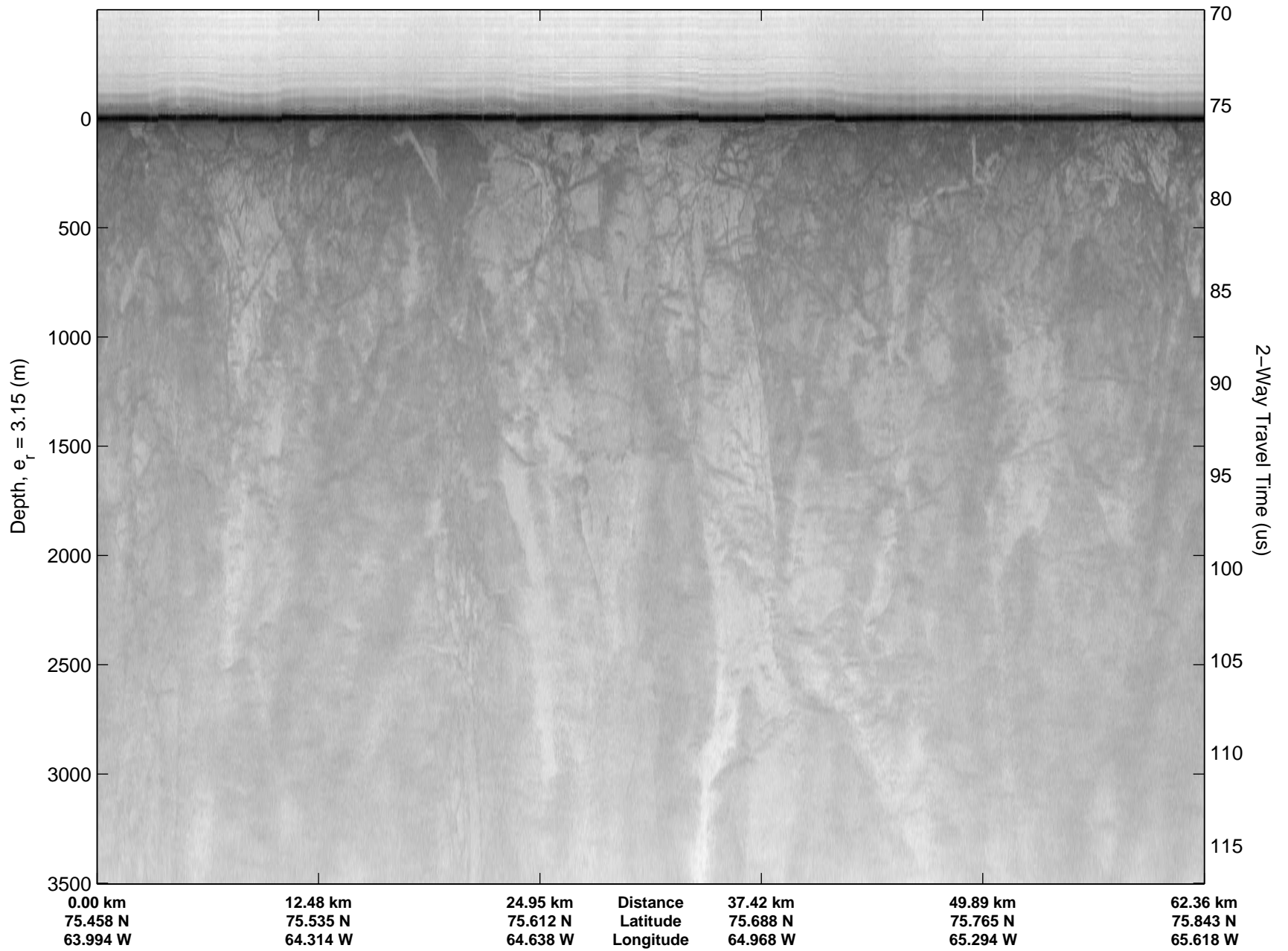
37.24 km
75.321 N
63.395 W

49.66 km
75.393 N
63.728 W

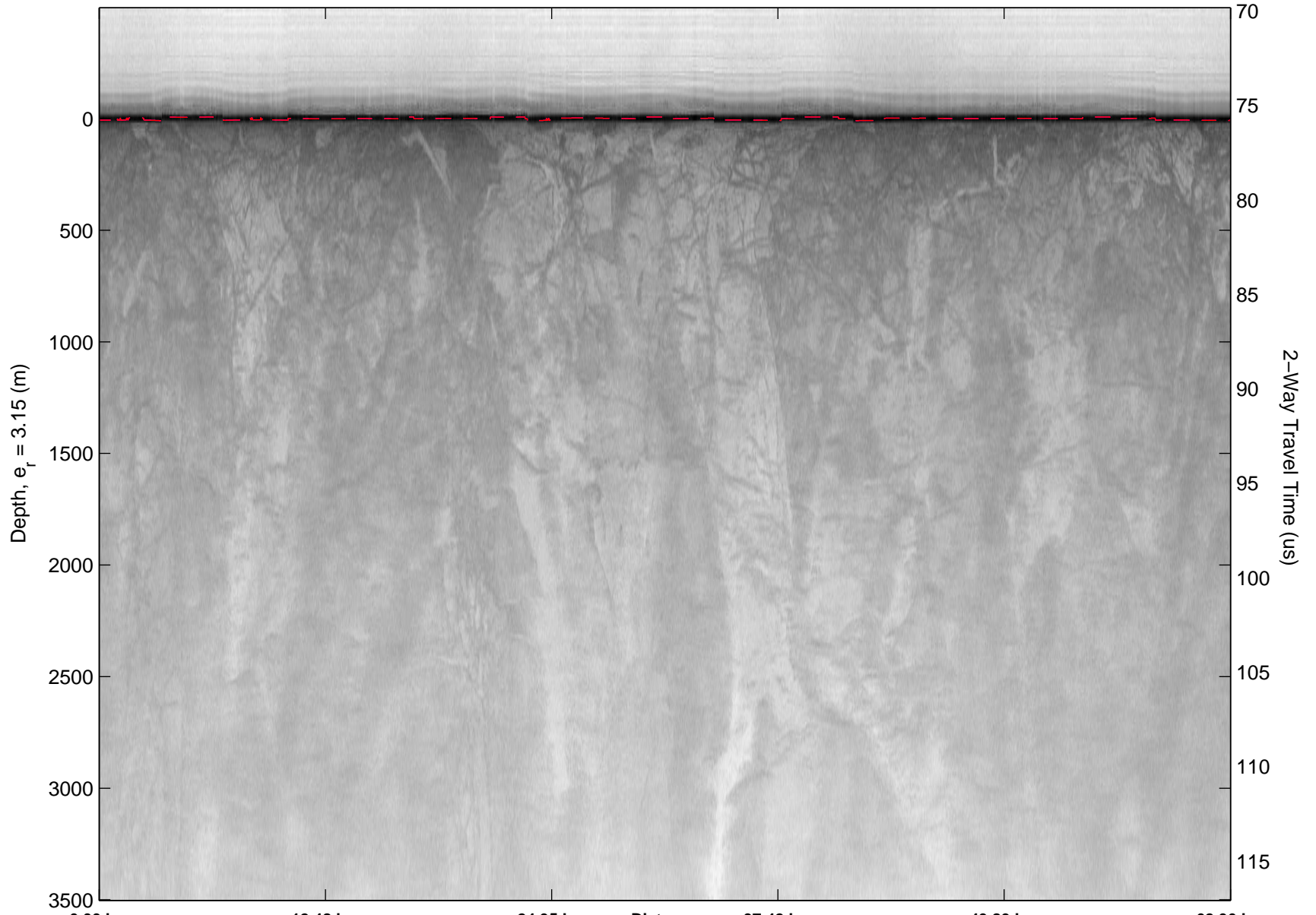
62.06 km
75.471 N
64.043 W



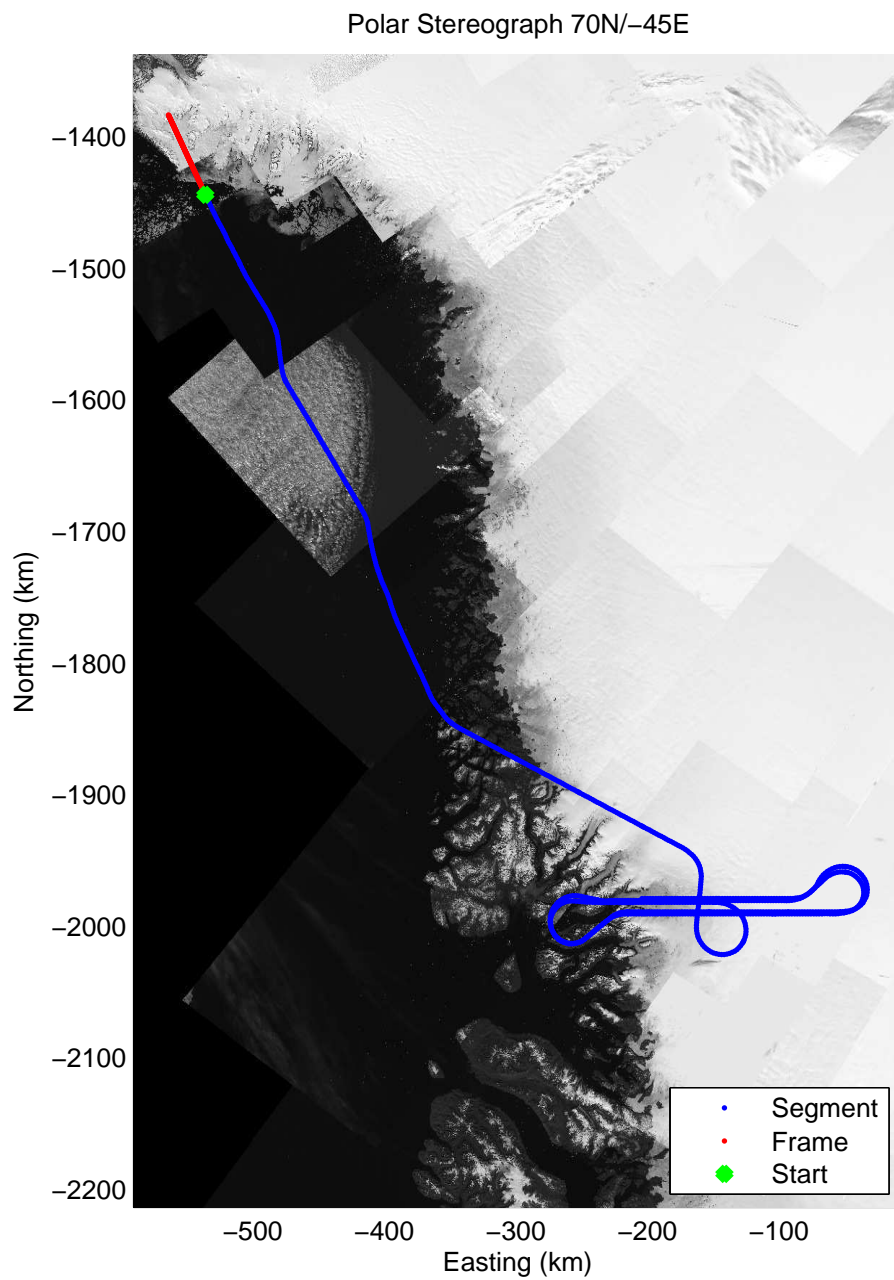
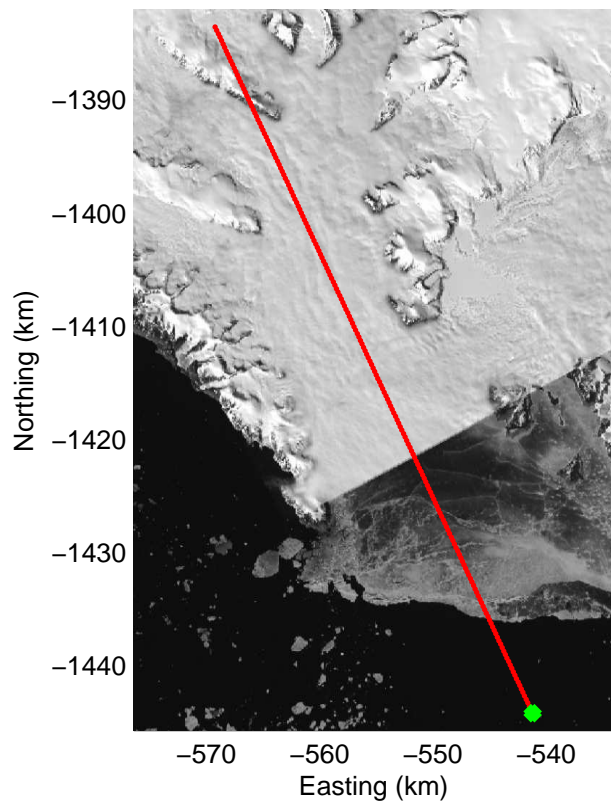
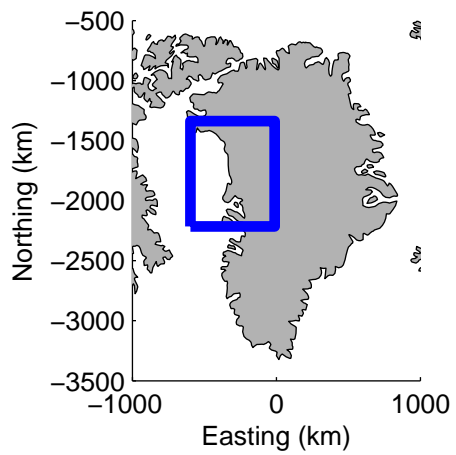
Data Frame ID: 20100409_02_036



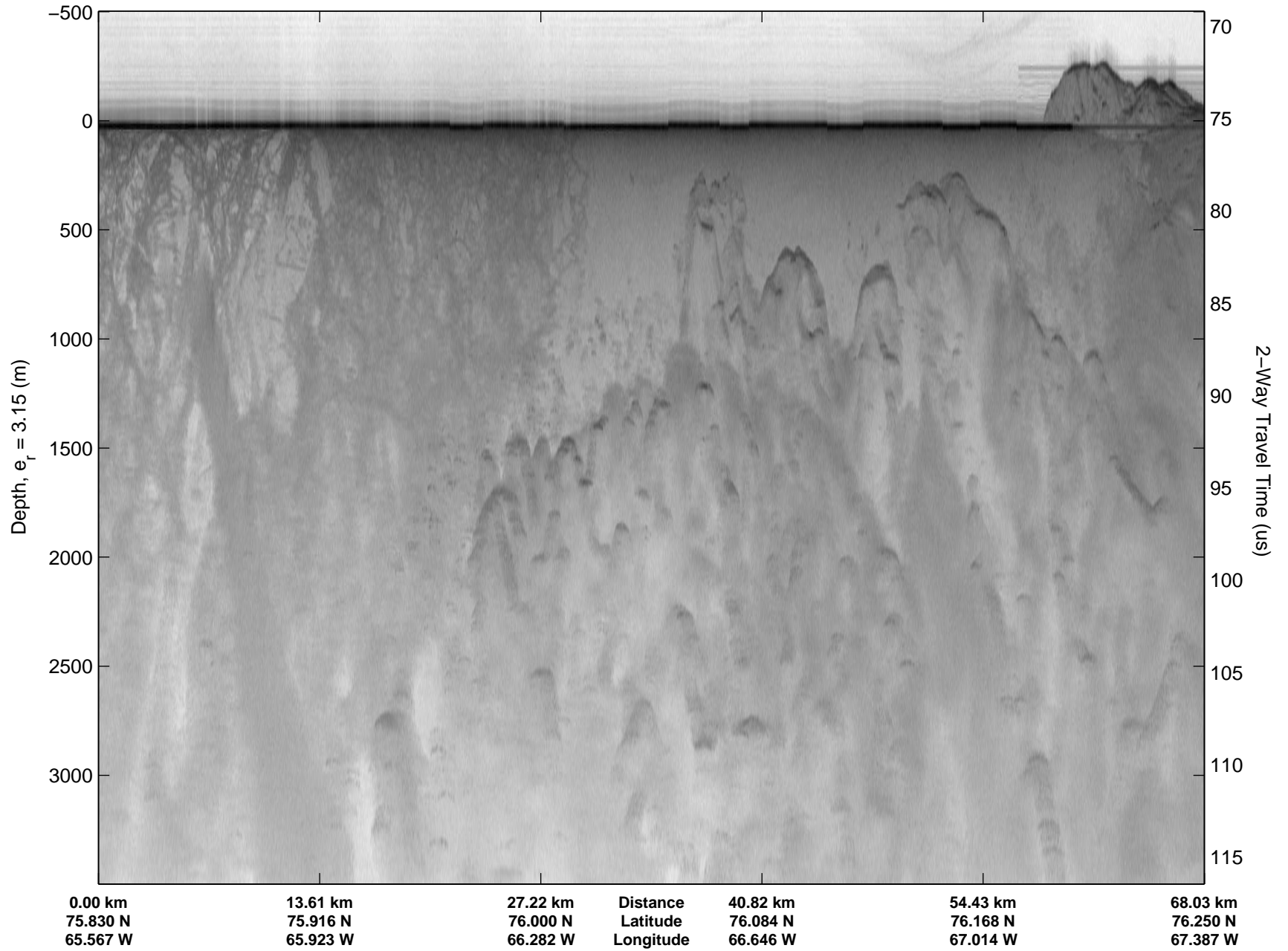
Data Frame ID: 20100409_02_036



0.00 km	12.48 km	24.95 km	Distance	37.42 km	49.89 km	62.36 km
75.458 N	75.535 N	75.612 N	Latitude	75.688 N	75.765 N	75.843 N
63.994 W	64.314 W	64.638 W	Longitude	64.968 W	65.294 W	65.618 W



Data Frame ID: 20100409_02_037



Data Frame ID: 20100409_02_037

