

Appendix V: Active Acoustic Data Collection Summaries

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This appendix documents for each Northeast Fisheries Science Center's shipboard AMAPPS cruise when and where the multi-frequency Simrad EK60 data were acquired and which of these data are currently processed.

For each cruise, there is a calendar depicting what times of which days data were acquired and processed, and there is a map showing where the EK60 data were acquired.

The left side of a calendar day uses gray shading to depict which part of the day data were acquired, where the top of the daily box depicts midnight, middle of the box is noon and the bottom of the box is again midnight. On the right side of a calendar day using hatch marking, the time periods that have been processed are demarked.

The maps for each cruise use black lines to indicate where the EK60 data were acquired.

Cruise designation is formed by two letters indicating the ship, two digits indicating the year, and two digits indicating the survey within the year. Example: HB11-03 is the third survey on the NOAA ship *Henry B. Bigelow* during 2011.

1 Henry B. Bigelow 2009-03: 4 – 17 August 2009

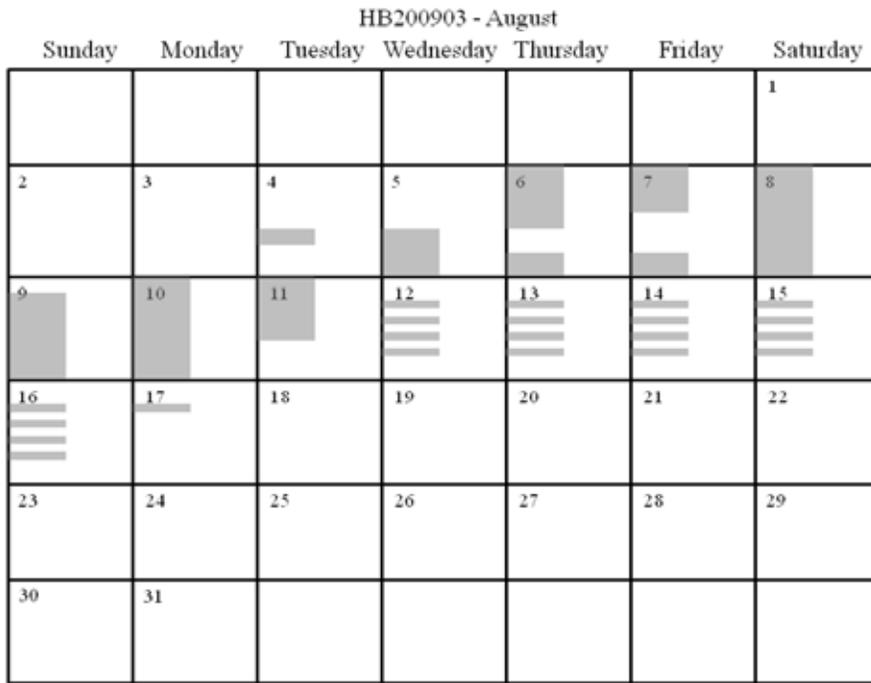


Figure 1-1 HB2009-03: Times EK60 data were acquired (left) and processed (right)

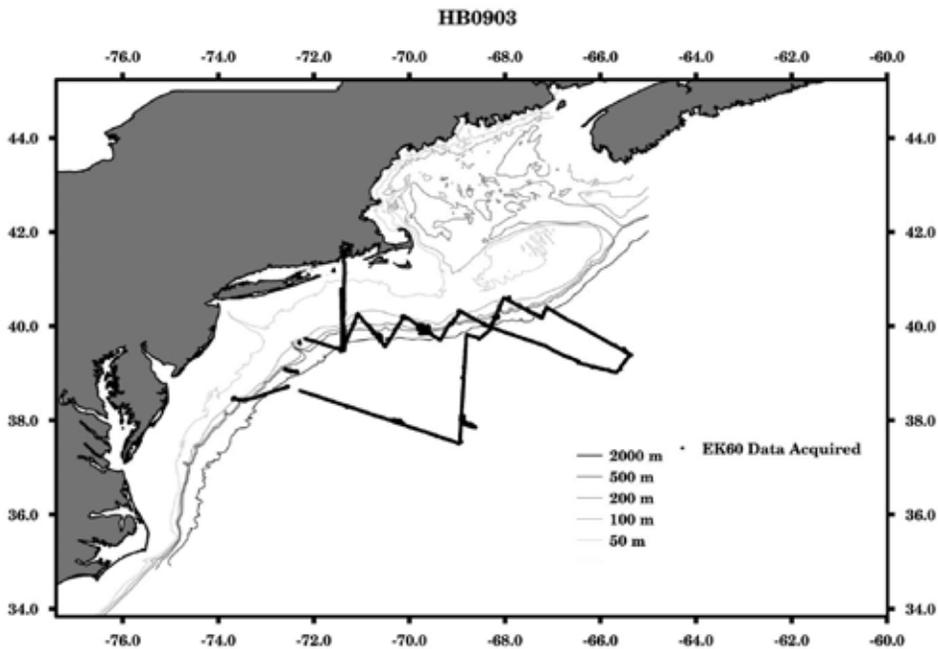


Figure 1-2 HB2009-03: Location of acquired Simard EK60 data

2 Henry B. Bigelow 2011-03: 3 June – 1 August 2011

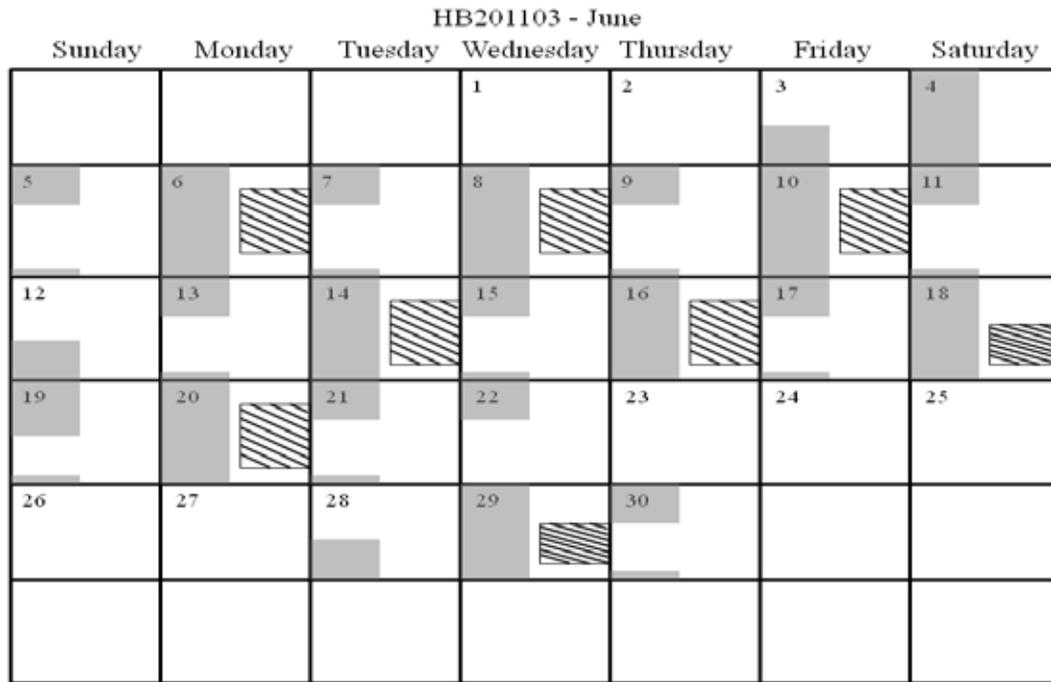


Figure 2-1 HB2011-03 June: Times EK60 data were acquired (left) and processed (right)

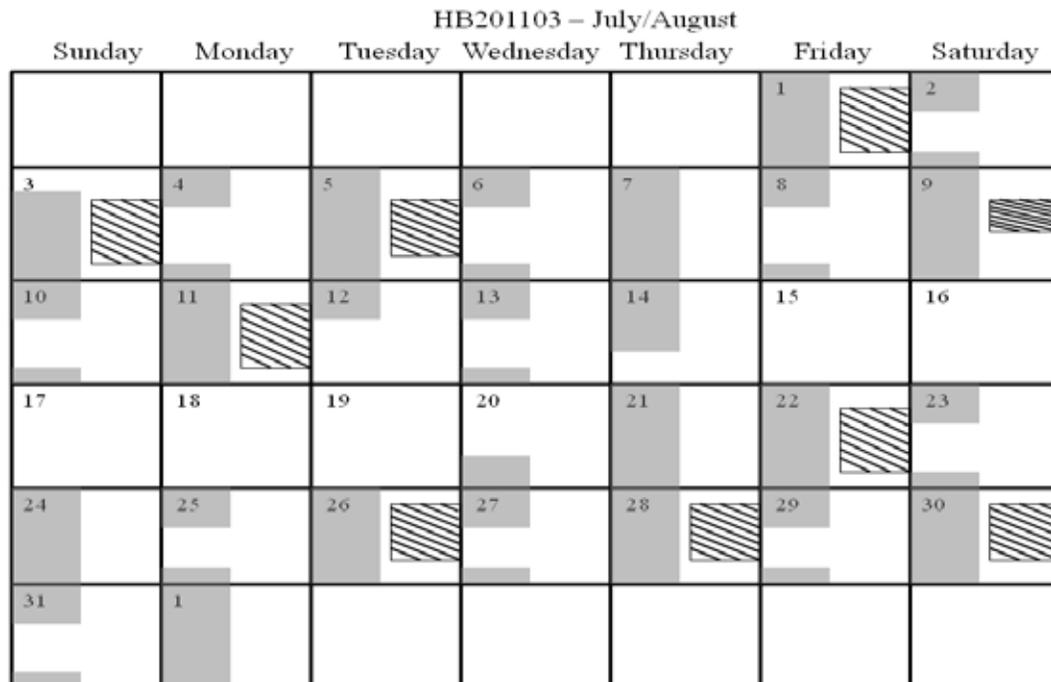


Figure 2-2 HB2011-03 Jul/Aug: Times EK60 data were acquired (left) and processed (right)

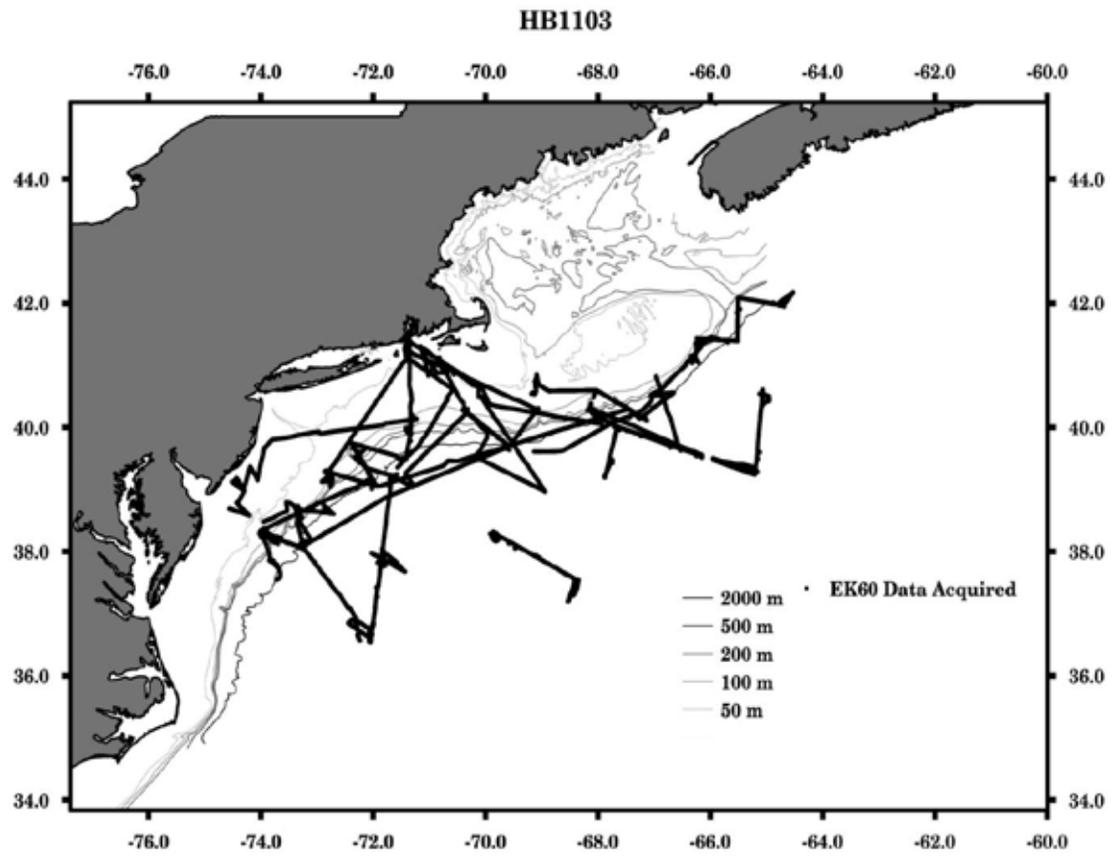


Figure 2-3 HB2011-03: Location of acquired Simard EK60 data

3 Henry B. Bigelow 2013-03: 1 July – 18 August 2013

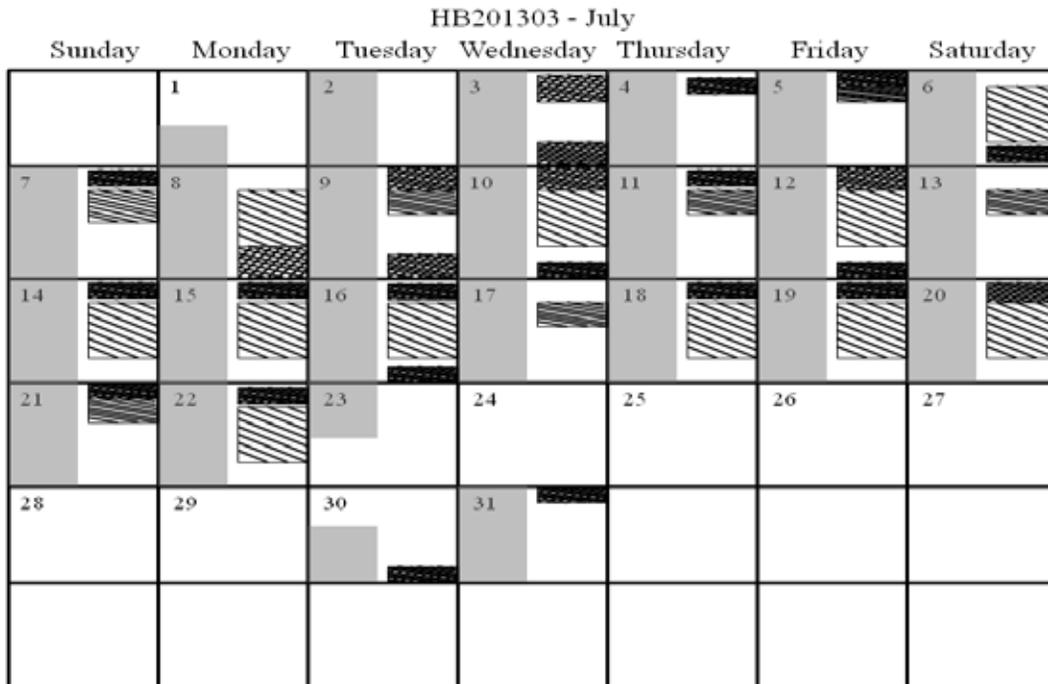


Figure 3-1 HB2013-03 July: Times EK60 data were acquired (left) and processed (right)

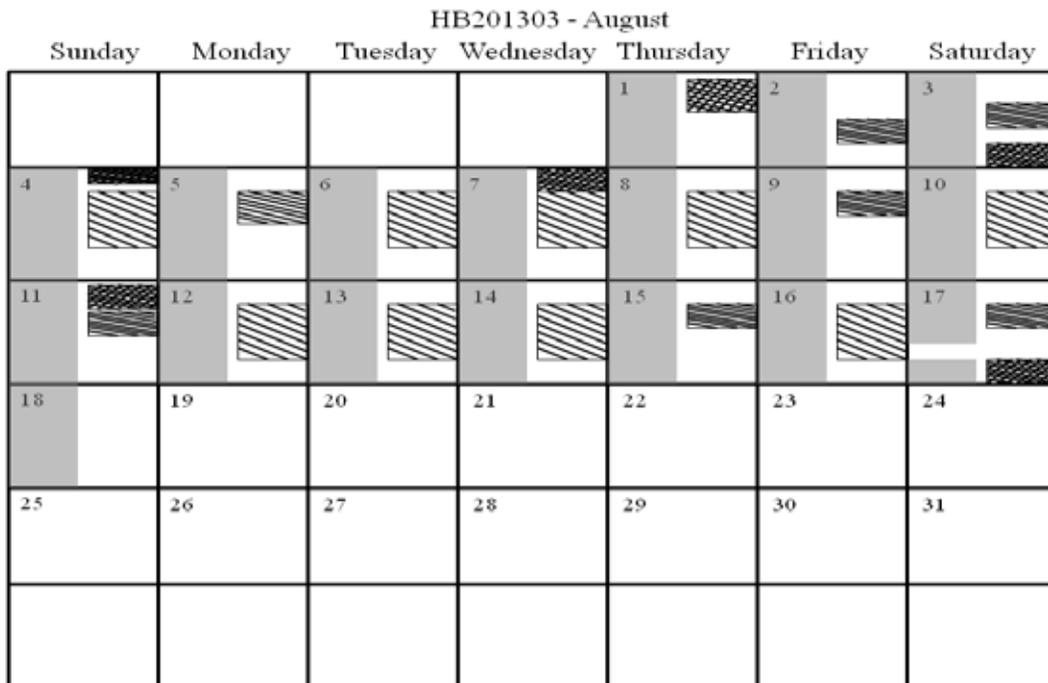


Figure 3-2 HB2013-03 Aug: Times EK60 data were acquired (left) and processed (right)

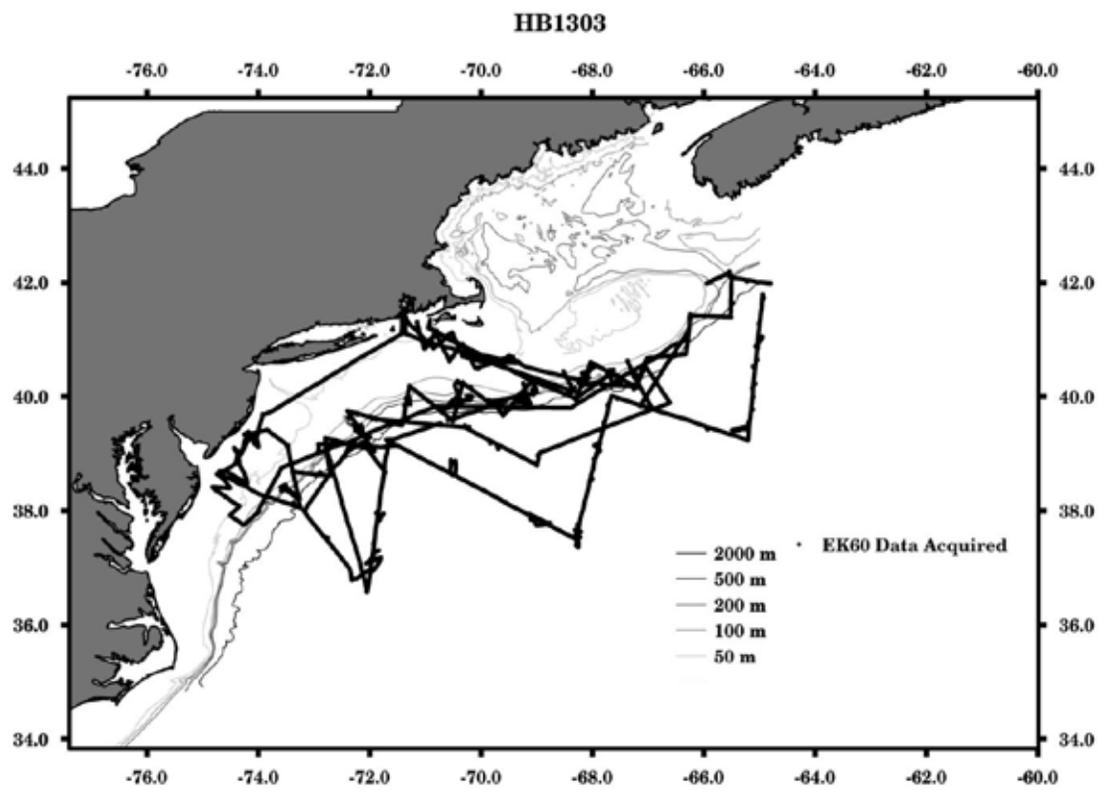


Figure 3-3 HB2013-03: Location of acquired Simard EK60 data

4 Gordon Gunter 2014-02: 12 March – 29 April 2014

GU201402 - March

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Figure 4-1 GU2014-02 March: Times EK60 data were acquired (left) and processed (right)

GU201402 - April

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Figure 4-2 GU2014-02 April: Times EK60 data were acquired (left) and processed (right)

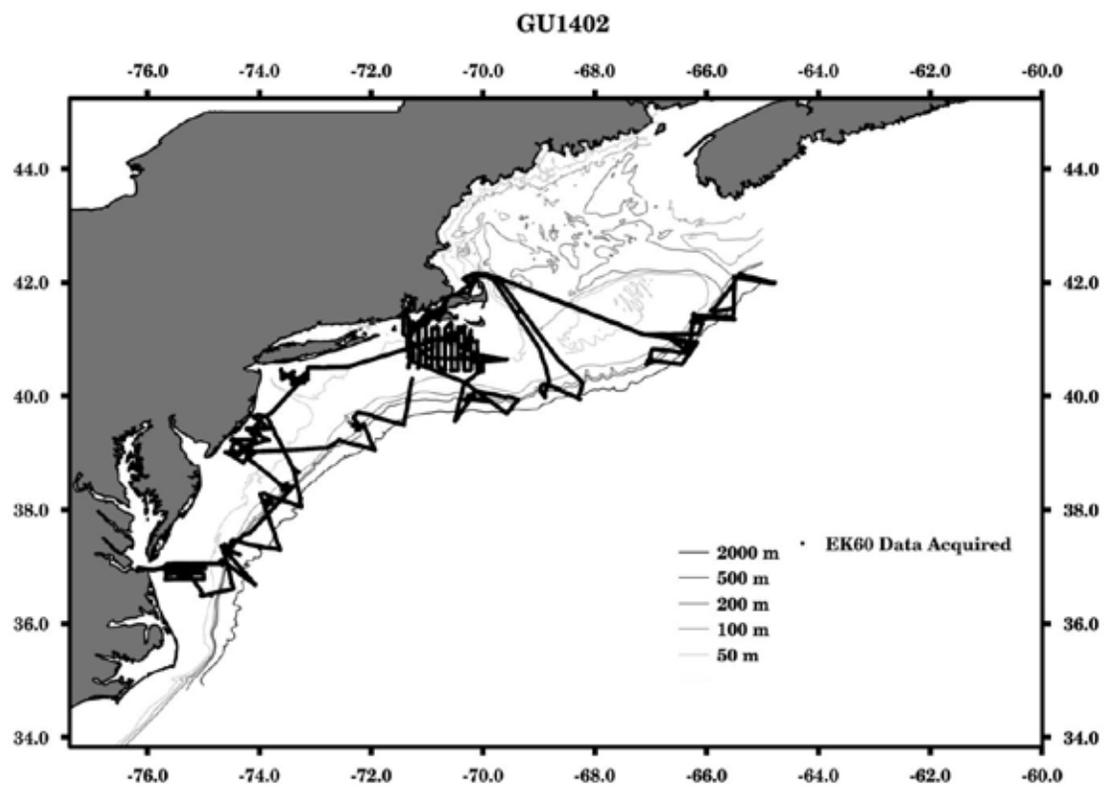


Figure 4-3 GU2014-02: Location of acquired Simard EK60 data

5 Henry B. Bigelow 2014-03: 25 – 30 June 2014

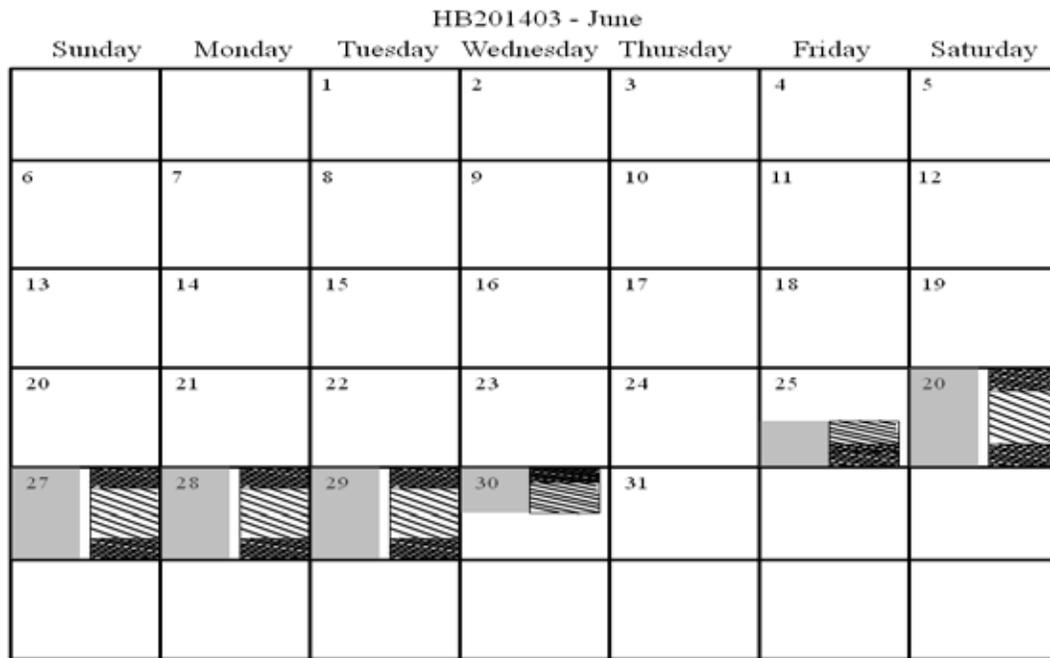


Figure 5-1 HB2014-03: Times EK60 data were acquired (left) and processed (right)

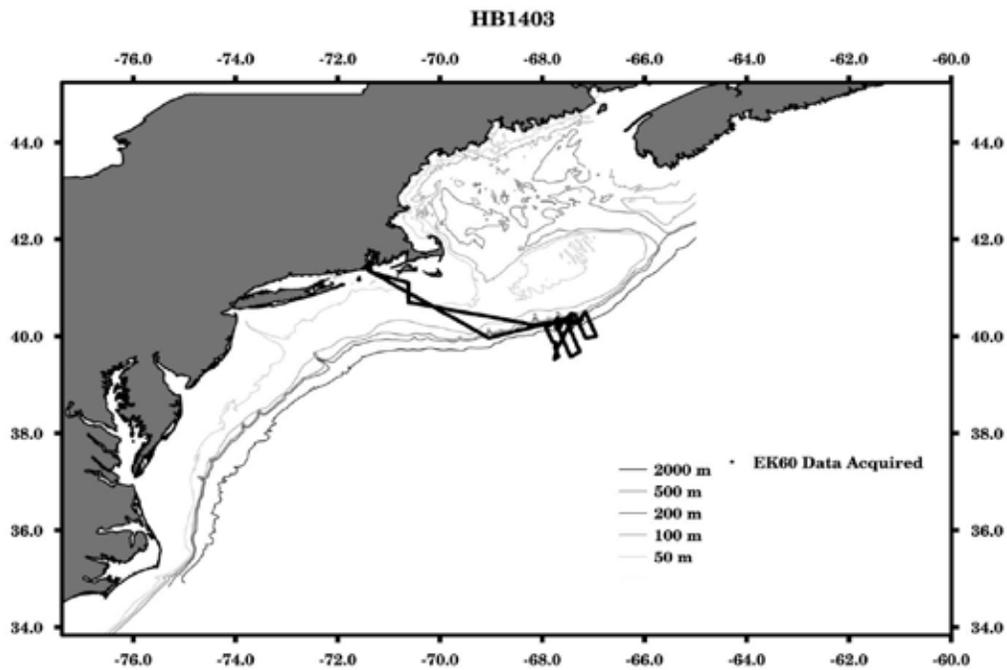


Figure 5-2 HB2014-03: Location of acquired Simard EK60 data

6 Henry B. Bigelow 2015-03: 11-19 June 2015

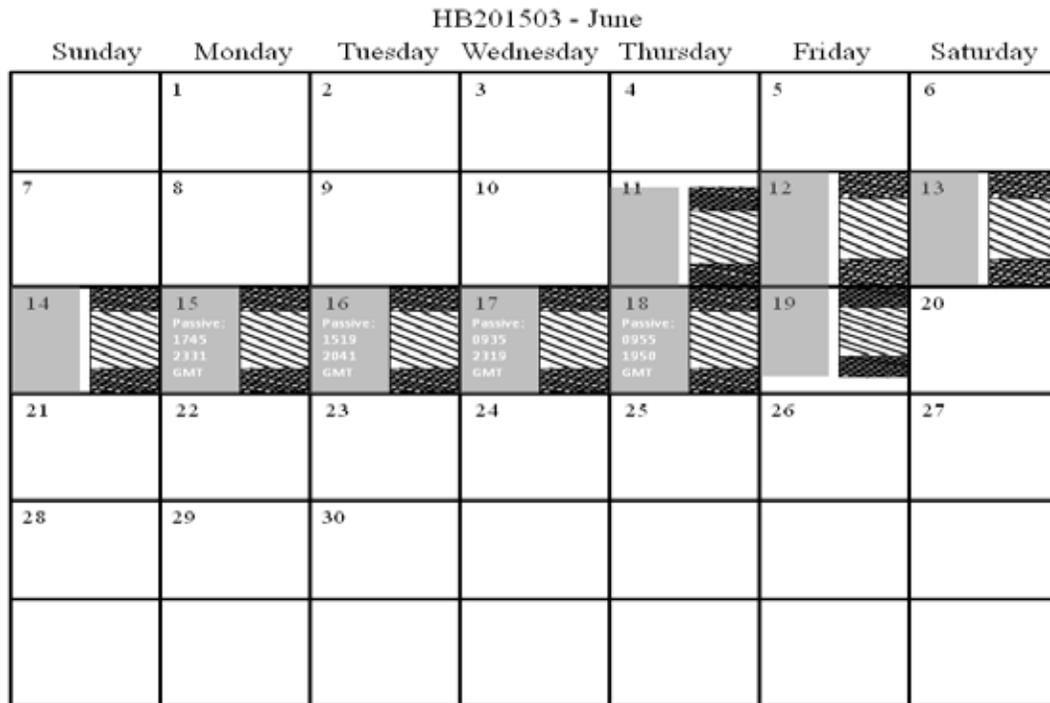


Figure 6-1 HB2015-03: Times EK60 data were acquired (left) and processed (right)

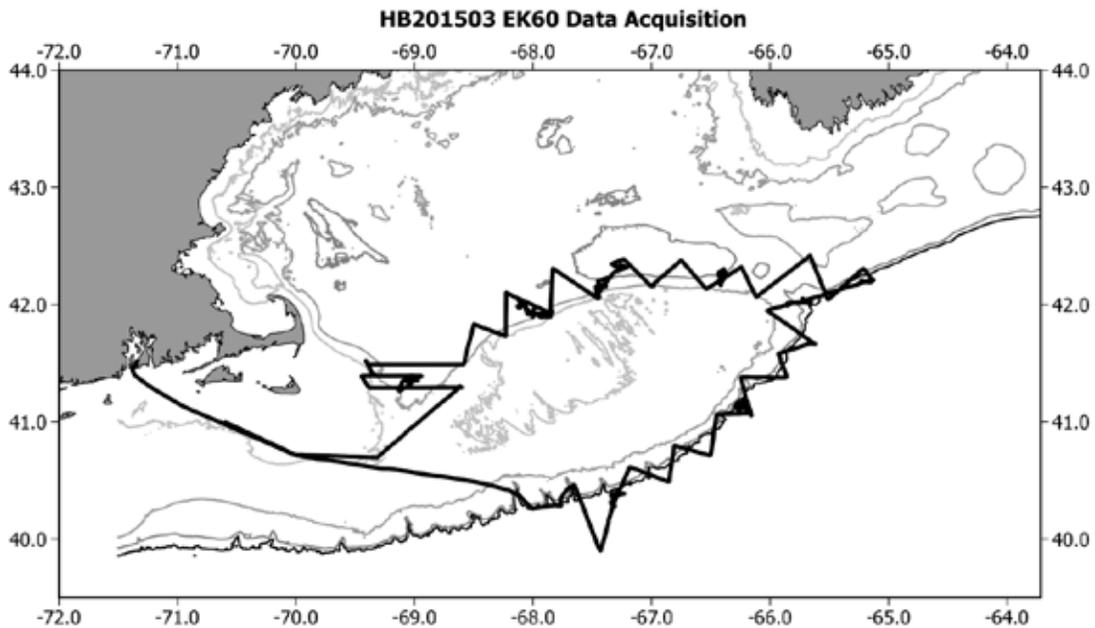


Figure 6-2 HB2015-03: Location of acquired Simard EK60 data