

*Bight'13 Contaminant Impact Assessment Field Operations Manual - Appendix H*

Station Depth (m)	Depth/Wire Scope <sup>1</sup>	Wire (m)	Winch <sup>2</sup> Time (min)	Wire <sup>3</sup> Depth (m)	Minutes to Bottom Lag <sup>4</sup>	Minutes Off Bottom Lag <sup>4</sup>	10 Min Trawl Est Deck Time (min)
3	11.6	35	0.85	7.0	-0.31	1.53	8.16
5	10.0	50	1.21	10.1	-0.38	1.56	8.06
10	8.1	81	1.98	16.4	-0.48	1.63	7.89
20	6.6	132	3.22	26.6	-0.50	1.77	7.72
30	5.9	176	4.28	35.4	-0.41	1.92	7.67
40	5.4	215	5.24	43.3	-0.25	2.06	7.69
50	5.0	252	6.12	50.7	-0.05	2.20	7.75
60	4.8	286	6.96	57.6	0.18	2.34	7.84
70	4.6	319	7.76	64.2	0.44	2.48	7.96
80	4.4	351	8.52	70.5	0.72	2.63	8.10
90	4.2	381	9.25	76.6	1.02	2.77	8.25
100	4.1	410	9.97	82.5	1.33	2.91	8.42
110	4.0	439	10.66	88.2	1.66	3.05	8.61
120	3.9	466	11.33	93.7	1.99	3.19	8.80
130	3.8	493	11.98	99.2	2.34	3.33	9.01
140	3.7	520	12.62	104.5	2.70	3.48	9.22
150	3.6	545	13.25	109.6	3.06	3.62	9.44
160	3.6	571	13.86	114.7	3.44	3.76	9.68
170	3.5	596	14.47	119.7	3.82	3.90	9.91
180	3.4	620	15.06	124.6	4.20	4.04	10.16
190	3.4	644	15.64	129.5	4.59	4.19	10.41
200	3.3	668	16.22	134.2	4.99	4.33	10.67
210	3.3	691	16.78	138.9	5.40	4.47	10.93
220	3.2	714	17.34	143.5	5.81	4.61	11.19
230	3.2	736	17.89	148.1	6.22	4.75	11.47
240	3.2	759	18.43	152.5	6.64	4.90	11.74
250	3.1	781	18.97	157.0	7.06	5.04	12.02
260	3.1	803	19.50	161.4	7.49	5.18	12.31
270	3.1	824	20.02	165.7	7.92	5.32	12.59
280	3.0	846	20.54	170.0	8.35	5.46	12.89
290	3.0	867	21.06	174.2	8.79	5.60	13.18
300	3.0	888	21.56	178.4	9.23	5.75	13.48
310	2.9	908	22.07	182.6	9.67	5.89	13.78
320	2.9	929	22.56	186.7	10.12	6.03	14.09
330	2.9	949	23.06	190.8	10.56	6.17	14.39
340	2.9	969	23.55	194.8	11.02	6.31	14.70
350	2.8	989	24.03	198.8	11.47	6.46	15.02
360	2.8	1,009	24.51	202.8	11.93	6.60	15.33
370	2.8	1,028	24.99	206.8	12.39	6.74	15.65
380	2.8	1,048	25.46	210.7	12.85	6.88	15.97
390	2.7	1,067	25.93	214.6	13.32	7.02	16.29
400	2.7	1,086	26.39	218.4	13.78	7.17	16.62
410	2.7	1,105	26.85	222.2	14.25	7.31	16.94
420	2.7	1,124	27.31	226.0	14.72	7.45	17.27
430	2.7	1,143	27.77	229.8	15.20	7.59	17.60
440	2.6	1,162	28.22	233.5	15.67	7.73	17.94
450	2.6	1,180	28.67	237.2	16.15	7.87	18.27
460	2.6	1,198	29.12	240.9	16.63	8.02	18.61
470	2.6	1,217	29.56	244.6	17.11	8.16	18.95
480	2.6	1,235	30.00	248.2	17.59	8.30	19.29
490	2.6	1,253	30.44	251.9	18.07	8.44	19.63
500	2.5	1,271	30.87	255.5	18.56	8.58	19.97

<sup>1</sup> Power function was  $16.139219 * (\text{Station Depth})^{-0.29/449384}$  based on method protocol.

<sup>2</sup> Average agency winch rate was 41.16 m/min.

<sup>3</sup> Average descent rate was 8.3 m/min. Average lag on bottom decent rate changed +1.6 times.

<sup>4</sup> Used:  $(\text{Station Depth} - \text{Wire Depth}) / (\text{Avg Descent Rate} * \text{Avg Change Rate Factor})$ .

<sup>5</sup> Used: regression formula:  $1.4903252151 + (0.0141874591 * \text{Station Depth})$  based on Lag Off vs. Depth data.