

Tidal Current Prediction Error for United States Stations

The accuracy of NOAA, National Ocean Service tidal current predictions is determined through a comparison of the predicted and observed current velocity for all stations. Comparisons are made between predictions and observations at six minute intervals as well as timing differences of Maximum Flood Current (MFC), Slack Before Ebb (SBE), Maximum Ebb Current (MEC) and Slack Before Flood (SBF) along with MFC and MEC speed differences. Each tidal current station is unique; there is no single standard of accuracy when comparing the astronomical tidal current predictions and observed current.

Differences between predicted and observed tidal currents will be greater than average during extreme weather events and during above normal river runoff to stations on tidal rivers. Errors in current timing and speed are generally larger for those areas with weaker tidal currents. The table below only contains the tidal current stations that are listed as "harmonic" in the on line NOAA Current Predictions table for which the raw data are readily available. New stations will be added as new current observations are made each year.

Direct comparisons between predicted and observed currents were made by subtracting the observations from the predictions, and computing a Root Mean Square (RMS) of the differences to estimate the average errors. These calculations were made during the period where raw data were collected (typically one to three months). Timing differences of MFC, SBE, MEC and SBF as well as speed differences of MFC and MEC were calculated by taking the absolute value of the difference between the mean timing and speed values during the period of observations and mean values calculated for a calendar year of tidal current predictions.

As an example of how to interpret the error statistics, reference is made to BOS1101 Little Misery Island in the table below. At a depth of 50 feet the observed and predicted currents are within 0.15 knots of each other on average at any given time. Timing of observed and predicted Maximum Flood Current (MFC) is within 10 minutes of each other on average. Timing of observed and predicted Slack Before Ebb (SBE), Maximum Ebb Current (MEC) and Slack Before Flood (SBF) are within 8, 7 and 8 minutes of each other, respectively. On average, the mean speed difference between observations and predictions at the time of MFC and MEC are both 0.01 knots. For this station, the data period analyzed was 5/20/2011 through 6/25/2011.

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
BOS1101	Little Misery Island	50	0.15	10	8	7	8	0.01	0.01	5/20/2011 15:21	6/25/2011 13:33
BOS1101	Little Misery Island	18	0.14	7	5	10	2	0.00	0.01	5/20/2011 15:21	6/25/2011 13:33
BOS1101	Little Misery Island	5	0.19	4	1	10	4	0.00	0.00	5/20/2011 15:21	6/25/2011 13:33
BOS1102	Haste Shoal	15	0.11	2	2	5	3	0.01	0.01	5/20/2011 15:45	6/25/2011 14:09
BOS1102	Haste Shoal	4	0.09	6	10	5	15	0.02	0.01	5/20/2011 15:45	6/25/2011 14:09
BOS1104	Fort Pickering, 0.2nm south of	6	0.07	4	2	5	4	0.01	0.01	5/20/2011 13:45	6/25/2011 14:51
BOS1104	Fort Pickering, 0.2nm south of	16	0.08	18	10	11	4	0.01	0.01	5/20/2011 13:45	6/25/2011 14:51
BOS1105	Marblehead Channel	4	0.15	59	100	29	50	0.08	0.01	5/20/2011 14:33	6/25/2011 15:56
BOS1106	Northeast Grave	45	0.14	n/a	n/a	n/a	n/a	n/a	n/a	5/14/2011 17:39	6/22/2011 14:15
BOS1106	Northeast Grave	25	0.15	n/a	n/a	n/a	n/a	n/a	n/a	5/14/2011 17:39	6/22/2011 14:15
BOS1106	Northeast Grave	8	0.16	n/a	n/a	n/a	n/a	n/a	n/a	5/14/2011 17:39	6/22/2011 14:15
BOS1107	Commissioners Ledge	6	0.10	4	5	2	4	0.01	0.04	5/14/2011 15:15	6/21/2011 20:45
BOS1107	Commissioners Ledge	16	0.08	4	1	6	1	0.00	0.03	5/14/2011 15:15	6/21/2011 20:45
BOS1108	Lovell Island, 1.3nm north of	20	0.11	1	0	3	1	0.00	0.11	5/14/2011 13:57	6/21/2011 19:57
BOS1108	Lovell Island, 1.3nm north of	30	0.12	2	3	3	2	0.01	0.10	5/14/2011 13:57	6/21/2011 19:57
BOS1108	Lovell Island, 1.3nm north of	4	0.13	5	2	1	3	0.02	0.09	5/14/2011 13:57	6/21/2011 19:57
BOS1109	South Channel Aldridge Ledge	4	0.14	2	4	2	10	0.03	0.06	5/14/2011 13:21	6/22/2011 17:03
BOS1109	South Channel Aldridge Ledge	20	0.10	2	2	2	1	0.04	0.05	5/14/2011 13:21	6/22/2011 17:03
BOS1109	South Channel Aldridge Ledge	30	0.10	11	1	4	1	0.02	0.04	5/14/2011 13:21	6/22/2011 17:03
BOS1110	Deer Island, 0.7 nm ESE of	7	0.14	1	7	5	4	0.10	0.06	6/25/2011 12:27	8/5/2011 11:56
BOS1110	Deer Island, 0.7 nm ESE of	16	0.12	1	4	9	2	0.13	0.05	6/25/2011 12:27	8/5/2011 11:56
BOS1110	Deer Island, 0.7 nm ESE of	36	0.14	9	3	5	4	0.12	0.04	6/25/2011 12:27	8/5/2011 11:56
BOS1111	Boston Harbor (Deer Island Light)	8	0.15	10	4	7	2	0.06	0.03	5/14/2011 15:51	7/1/2011 13:39
BOS1111	Boston Harbor (Deer Island Light)	51	0.13	8	1	13	1	0.03	0.03	5/14/2011 15:51	7/1/2011 13:39
BOS1111	Boston Harbor (Deer Island Light)	28	0.14	7	5	11	1	0.07	0.00	5/14/2011 15:51	7/1/2011 13:39
BOS1112	Spectacle Island, 0.4nm north of	3	0.13	8	0	7	4	0.03	0.04	6/28/2011 14:27	8/4/2011 18:27
BOS1112	Spectacle Island, 0.4nm north of	16	0.10	1	1	2	2	0.03	0.02	6/28/2011 14:27	8/4/2011 18:27
BOS1112	Spectacle Island, 0.4nm north of	33	0.10	10	5	4	0	0.03	0.01	6/28/2011 14:27	8/4/2011 18:27
BOS1113	Boston Channel Light No.5	15	0.10	20	4	13	5	0.06	0.02	6/28/2011 14:12	8/4/2011 18:48
BOS1113	Boston Channel Light No.5	3	0.12	7	2	3	2	0.06	0.01	6/28/2011 14:12	8/4/2011 18:48

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BOS1113	Boston Channel Light No.5	33	0.10	51	17	14	5	0.00	0.01	6/28/2011 14:12	8/4/2011 18:48
BOS1114	Fort Independence, 0.1nm north of	16	0.09	14	0	6	1	0.01	0.01	6/28/2011 12:21	8/4/2011 16:33
BOS1114	Fort Independence, 0.1nm north of	6	0.09	2	1	2	0	0.01	0.01	6/28/2011 12:21	8/4/2011 16:33
BOS1114	Fort Independence, 0.1nm north of	26	0.10	23	4	2	1	0.01	0.00	6/28/2011 12:21	8/4/2011 16:33
BOS1115	Ted William Tunnel	7	0.09	5	1	4	2	0.02	0.01	6/28/2011 12:45	8/4/2011 16:15
BOS1115	Ted William Tunnel	16	0.08	1	3	1	1	0.01	0.01	6/28/2011 12:45	8/4/2011 16:15
BOS1115	Ted William Tunnel	26	0.08	5	0	0	5	0.01	0.00	6/28/2011 12:45	8/4/2011 16:15
BOS1118	Charlestown Pier 1	8	0.08	22	5	7	n/a	0.14	0.01	6/21/2011 19:15	8/4/2011 12:21
BOS1119	Nixes Mate	4	0.13	8	7	1	6	0.01	0.03	6/25/2011 12:03	8/5/2011 16:45
BOS1119	Nixes Mate	27	0.12	11	9	23	2	0.01	0.02	6/25/2011 12:03	8/5/2011 16:45
BOS1119	Nixes Mate	14	0.11	1	7	12	11	0.01	0.01	6/25/2011 12:03	8/5/2011 16:45
BOS1120	Lovell Island Narrows	25	0.11	n/a	n/a	n/a	n/a	n/a	n/a	6/28/2011 15:57	8/5/2011 18:44
BOS1120	Lovell Island Narrows	14	0.10	n/a	n/a	n/a	n/a	n/a	n/a	6/28/2011 15:57	8/5/2011 18:44
BOS1120	Lovell Island Narrows	2	0.14	n/a	n/a	n/a	n/a	n/a	n/a	6/28/2011 15:57	8/5/2011 18:44
BOS1122	Georges Island, 0.4nm southeast of	72	0.21	0	4	16	1	0.04	0.09	6/26/2011 12:27	7/30/2011 4:08
BOS1122	Georges Island, 0.4nm southeast of	7	0.19	5	2	4	5	0.10	0.04	6/26/2011 12:27	7/30/2011 4:08
BOS1122	Georges Island, 0.4nm southeast of	33	0.17	3	1	0	3	0.07	0.00	6/26/2011 12:27	7/30/2011 4:08
BOS1123	Hull Gut	35	0.22	24	2	26	3	0.01	0.12	6/26/2011 11:57	8/2/2011 6:27
BOS1123	Hull Gut	22	0.22	21	3	26	3	0.03	0.11	6/26/2011 11:57	8/2/2011 6:27
BOS1123	Hull Gut	9	0.21	20	5	17	2	0.02	0.07	6/26/2011 11:57	8/2/2011 6:27
BOS1124	The Piglets, 0.4 n.mi. northeast of	7	0.11	n/a	n/a	n/a	n/a	n/a	n/a	6/25/2011 19:15	8/5/2011 21:45
BOS1124	The Piglets, 0.4 n.mi. northeast of	30	0.11	6	8	11	5	0.00	0.02	6/25/2011 19:15	8/5/2011 21:45
BOS1124	The Piglets, 0.4 n.mi. northeast of	17	0.10	n/a	11	3	20	0.09	0.01	6/25/2011 19:15	8/5/2011 21:45
BOS1125	Jacknife Ledge	32	0.09	n/a	25	15	17	0.01	0.03	7/22/2011 20:33	8/5/2011 21:21
BOS1125	Jacknife Ledge	16	0.07	10	13	14	19	0.01	0.01	7/22/2011 20:33	8/5/2011 21:21
BOS1125	Jacknife Ledge	6	0.07	9	16	20	16	0.01	0.01	7/22/2011 20:33	8/5/2011 21:21
BOS1126	Weymouth Harbor Entrance	29	0.09	1	4	1	2	0.00	0.04	7/7/2011 20:32	8/5/2011 20:32
BOS1126	Weymouth Harbor Entrance	16	0.08	1	2	2	1	0.01	0.01	7/7/2011 20:32	8/5/2011 20:32
BOS1126	Weymouth Harbor Entrance	6	0.09	7	1	8	0	0.02	0.01	7/7/2011 20:32	8/5/2011 20:32
BOS1127	Point Allerton, 0.65 n.mi. NNW of	4	0.21	7	7	8	2	0.04	0.06	6/25/2011 19:45	7/20/2011 3:33

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BOS1127	Point Allerton, 0.65 n.mi. NNW of	17	0.19	2	3	5	4	0.02	0.04	6/25/2011 19:45	7/20/2011 3:33
BOS1127	Point Allerton, 0.65 n.mi. NNW of	30	0.17	4	2	15	3	0.01	0.01	6/25/2011 19:45	7/20/2011 3:33
BOS1130	Stellwagen Basin, east end	30	0.26	33	14	37	70	0.28	0.14	5/28/2011 0:01	6/26/2011 13:44
BOS1130	Stellwagen Basin, east end	240	0.07	14	48	4	10	0.03	0.03	5/28/2011 0:01	6/26/2011 13:44
BOS1130	Stellwagen Basin, east end	122	0.10	5	25	2	1	0.10	0.02	5/28/2011 0:01	6/26/2011 13:44
BOS1131	Stellwagen Bank, 16nm North of Race Point	8	0.30	1	3	14	3	0.06	0.06	5/15/2011 19:03	6/26/2011 18:16
BOS1131	Stellwagen Bank, 16nm North of Race Point	51	0.18	2	1	3	0	0.02	0.03	5/15/2011 19:03	6/26/2011 18:16
BOS1131	Stellwagen Bank, 16nm North of Race Point	90	0.13	10	5	3	4	0.02	0.03	5/15/2011 19:03	6/26/2011 18:16
BOS1132	Stellwagen Bank, 15nm NNE of Race Point	210	0.13	n/a	n/a	n/a	n/a	n/a	n/a	5/15/2011 17:50	6/26/2011 17:29
BOS1132	Stellwagen Bank, 15nm NNE of Race Point	105	0.15	n/a	n/a	n/a	n/a	n/a	n/a	5/15/2011 17:50	6/26/2011 17:29
BOS1132	Stellwagen Bank, 15nm NNE of Race Point	27	0.22	n/a	n/a	n/a	n/a	n/a	n/a	5/15/2011 17:50	6/26/2011 17:29
BOS1133	Stellwagen Bank, 13.4nm SE of Eastern Pt. Light	12	0.26	31	28	22	5	0.10	0.10	6/1/2011 0:01	6/19/2011 5:44
BOS1133	Stellwagen Bank, 13.4nm SE of Eastern Pt. Light	71	0.13	14	7	2	13	0.01	0.04	6/1/2011 0:01	6/19/2011 5:44
BOS1133	Stellwagen Bank, 13.4nm SE of Eastern Pt. Light	38	0.16	2	2	4	14	0.02	0.03	6/1/2011 0:01	6/19/2011 5:44
BOS1134	Stellwagen Basin, 13.8nm SE of Eastern Pt. Light	245	0.07	13	11	1	5	0.05	0.07	6/1/2011 0:01	6/26/2011 14:21
BOS1134	Stellwagen Basin, 13.8nm SE of Eastern Pt. Light	100	0.11	6	40	48	10	0.07	0.06	6/1/2011 0:01	6/26/2011 14:21
BOS1134	Stellwagen Basin, 13.8nm SE of Eastern Pt. Light	35	0.19	13	3	43	17	0.06	0.03	6/1/2011 0:01	6/26/2011 14:21
BOS1135	Stellwagen Bank, 17nm ESE of Eastern Pt. Light	150	0.11	n/a	46	2	n/a	n/a	0.02	5/15/2011 16:41	6/26/2011 16:12
BOS1135	Stellwagen Bank, 17nm ESE of Eastern Pt. Light	308	0.07	8	8	2	9	0.01	0.01	5/15/2011 16:41	6/26/2011 16:12
BOS1135	Stellwagen Bank, 17nm ESE of Eastern Pt. Light	52	0.15	3	1	16	4	0.04	0.01	5/15/2011 16:41	6/26/2011 16:12
CAB1401	Portland Harbor Entrance	9	0.13	1	1	1	1	0.05	0.06	5/10/2014 14:06	7/30/2014 15:30
CAB1401	Portland Harbor Entrance	19	0.12	1	1	1	1	0.05	0.07	5/10/2014 14:06	7/30/2014 15:30

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CAB1401	Portland Harbor Entrance	38	0.14	14	7	4	9	0.12	0.07	5/10/2014 14:06	7/30/2014 15:30
CAB1402	Spring Point, NE of	7	0.15	4	5	4	7	0.07	0.07	5/10/2014 14:24	6/16/2014 18:41
CAB1402	Spring Point, NE of	20	0.13	1	4	9	5	0.07	0.06	5/10/2014 14:24	6/16/2014 18:41
CAB1402	Spring Point, NE of	36	0.14	8	6	1	2	0.03	0.03	5/10/2014 14:24	6/16/2014 18:41
CAB1403	Portland Breakwater Light, 0.3 n.mi east of	6	0.11	10	43	55	14	0.10	0.03	5/10/2014 14:36	5/29/2014 17:06
CAB1403	Portland Breakwater Light, 0.3 n.mi east of	20	0.10	n/a	n/a	4	n/a	n/a	0.01	5/10/2014 14:36	5/29/2014 17:06
CAB1403	Portland Breakwater Light, 0.3 n.mi east of	36	0.10	14	35	70	35	0.14	0.08	5/10/2014 14:36	5/29/2014 17:06
CAB1404	Diamond Island Roads	7	0.13	37	38	23	4	0.03	0.06	6/17/2014 14:36	7/30/2014 18:30
CAB1404	Diamond Island Roads	17	0.12	24	39	19	2	0.01	0.01	6/17/2014 14:36	7/30/2014 18:30
CAB1404	Diamond Island Roads	34	0.14	6	19	1	17	0.02	0.08	6/17/2014 14:36	7/30/2014 18:30
CAB1405	Ocean Gate Terminal	3	0.13	76	43	25	19	0.01	0.03	6/17/2014 14:12	7/30/2014 14:12
CAB1405	Ocean Gate Terminal	21	0.08	3	62	n/a	n/a	0.00	n/a	6/17/2014 14:12	7/30/2014 14:12
CAB1406	State Pier, Portland Harbor	3	0.12	3	1	7	4	0.02	0.04	6/18/2014 15:30	7/30/2014 13:47
CAB1406	State Pier, Portland Harbor	17	0.08	1	5	1	1	0.02	0.02	6/18/2014 15:30	7/30/2014 13:47
CAB1406	State Pier, Portland Harbor	30	0.08	15	n/a	n/a	n/a	0.01	n/a	6/18/2014 15:30	7/30/2014 13:47
CAB1407	Fore River, Portland River Bridge	5	0.12	1	4	6	1	0.03	0.05	5/10/2014 15:00	6/17/2014 19:54
CAB1407	Fore River, Portland River Bridge	21	0.09	2	4	5	7	0.04	0.05	5/10/2014 15:00	6/17/2014 19:54
CAB1409	Chandler Cove, S. Ent	4	0.13	3	4	5	8	0.03	0.04	6/19/2014 19:12	7/31/2014 16:24
CAB1409	Chandler Cove, S. Ent	17	0.11	4	9	5	3	0.01	0.05	6/19/2014 19:12	7/31/2014 16:24
CAB1409	Chandler Cove, S. Ent	37	0.13	6	7	4	8	0.05	0.03	6/19/2014 19:12	7/31/2014 16:24
CAB1410	Hussey Sound, Between Long & Peaks Island	11	0.16	4	12	1	6	0.05	0.06	6/19/2014 20:01	7/31/2014 15:25
CAB1410	Hussey Sound, Between Long & Peaks Island	31	0.14	11	14	1	9	0.01	0.07	6/19/2014 20:01	7/31/2014 15:25
CAB1410	Hussey Sound, Between Long & Peaks Island	70	0.15	4	4	2	1	0.03	0.03	6/19/2014 20:01	7/31/2014 15:25
CAB1411	Long Island, Mariner Ledge	9	0.11	34	17	14	8	0.01	0.02	5/11/2014 15:36	5/23/2014 6:54
CAB1411	Long Island, Mariner Ledge	26	0.10	5	n/a	30	36	0.01	0.01	5/11/2014 15:36	5/23/2014 6:54
CAB1412	Hussey Sound, Cow Island	11	0.18	18	4	4	11	0.01	0.06	5/11/2014 16:00	6/17/2014 15:29
CAB1412	Hussey Sound, Cow Island	30	0.16	10	7	6	3	0.07	0.07	5/11/2014 16:00	6/17/2014 15:29
CAB1412	Hussey Sound, Cow Island	57	0.12	2	7	4	1	0.08	0.08	5/11/2014 16:00	6/17/2014 15:29
CAB1413	Cow Island, NE of	13	0.20	19	14	5	3	0.05	0.08	6/17/2014 15:30	7/31/2014 15:47
CAB1413	Cow Island, NE of	39	0.21	20	38	5	0	0.03	0.05	6/17/2014 15:30	7/31/2014 15:47

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CAB1414	Lucksee Sound Between Hope and Cliff Is.	14	0.12	13	5	8	15	0.00	0.02	6/19/2014 19:30	7/31/2014 16:41
CAB1414	Lucksee Sound Between Hope and Cliff Is.	27	0.12	6	7	5	8	0.00	0.00	6/19/2014 19:30	7/31/2014 16:41
CAB1414	Lucksee Sound Between Hope and Cliff Is.	40	0.12	5	5	4	3	0.01	0.02	6/19/2014 19:30	7/31/2014 16:41
CAB1415	Stepping Stones	6	0.16	8	4	13	1	0.04	0.02	5/11/2014 14:54	6/17/2014 16:36
CAB1415	Stepping Stones	19	0.13	14	1	8	1	0.04	0.04	5/11/2014 14:54	6/17/2014 16:36
CAB1415	Stepping Stones	42	0.10	1	3	32	4	0.02	0.00	5/11/2014 14:54	6/17/2014 16:36
CAB1416	Eagle Island W. of., Broad Sound	19	0.18	1	2	4	4	0.10	0.03	5/11/2014 16:42	6/17/2014 17:18
CAB1416	Eagle Island W. of., Broad Sound	39	0.15	2	2	3	2	0.11	0.04	5/11/2014 16:42	6/17/2014 17:18
CAB1416	Eagle Island W. of., Broad Sound	91	0.16	3	4	5	2	0.04	0.08	5/11/2014 16:42	6/17/2014 17:18
CAB1417	Littlejohn Island, South of Town Ledge	6	0.13	13	28	23	4	0.00	0.01	5/11/2014 14:18	6/17/2014 18:06
CAB1417	Littlejohn Island, South of Town Ledge	20	0.10	0	11	1	8	0.01	0.02	5/11/2014 14:18	6/17/2014 18:06
CAB1417	Littlejohn Island, South of Town Ledge	36	0.11	0	44	4	19	0.02	0.06	5/11/2014 14:18	6/17/2014 18:06
CAB1418	Maine Kennebec Bridge, 0.2 n.mi. SW of	4	0.32	10	5	29	0	0.12	0.17	6/27/2014 13:18	8/1/2014 15:30
CAB1418	Maine Kennebec Bridge, 0.2 n.mi. SW of	19	0.26	7	5	29	0	0.09	0.13	6/27/2014 13:18	8/1/2014 15:30
CAB1419	Goose Cove, south of Chops Passage, Kennebec River	4	0.24	10	5	11	0	0.01	0.03	6/20/2014 14:54	8/2/2014 16:54
CAB1419	Goose Cove, south of Chops Passage, Kennebec River	14	0.24	11	5	13	0	0.02	0.03	6/20/2014 14:54	8/2/2014 16:54
CAB1419	Goose Cove, south of Chops Passage, Kennebec River	27	0.22	14	5	14	1	0.03	0.04	6/20/2014 14:54	8/2/2014 16:54
CAB1420	Bath Iron Works, Kennebec River	3	0.20	n/a	n/a	n/a	n/a	n/a	n/a	6/20/2014 17:34	8/1/2014 13:46
CAB1420	Bath Iron Works, Kennebec River	16	0.17	n/a	n/a	n/a	n/a	n/a	n/a	6/20/2014 17:34	8/1/2014 13:46
CAB1420	Bath Iron Works, Kennebec River	39	0.15	n/a	n/a	n/a	n/a	n/a	n/a	6/20/2014 17:34	8/1/2014 13:46
CAB1421	Merrymeeting Bay, north of Chops Passage, Kennebec River	4	0.33	10	1	8	4	0.17	0.01	6/20/2014 15:18	7/11/2014 23:30
CAB1421	Merrymeeting Bay, north of Chops Passage, Kennebec River	20	0.31	13	2	2	3	0.14	0.00	6/20/2014 15:18	7/11/2014 23:30
CAB1421	Merrymeeting Bay, north of Chops Passage, Kennebec River	40	0.26	19	3	6	2	0.11	0.02	6/20/2014 15:18	7/11/2014 23:30
CAB1423	Seal Cove, Cape Elizabeth	3	0.13	56	52	19	8	0.04	0.00	5/17/2014 12:54	6/16/2014 17:06
CAB1423	Seal Cove, Cape Elizabeth	19	0.10	40	12	14	12	0.12	0.11	5/17/2014 12:54	6/16/2014 17:06
CAB1423	Seal Cove, Cape Elizabeth	29	0.07	17	n/a	n/a	n/a	0.13	n/a	5/17/2014 12:54	6/16/2014 17:06

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
CAB1425	Saco River Entrance	1	0.15	10	35	11	8	0.09	0.15	5/12/2014 13:30	6/16/2014 14:48
CAB1425	Saco River Entrance	13	0.07	1	11	17	4	0.13	0.17	5/12/2014 13:30	6/16/2014 14:48
CAM0001	Cape May Harbor entrance	15	0.17	13	1	8	1	0.03	0.07	9/27/2000 20:00	11/1/2000 14:42
CAM0001	Cape May Harbor entrance	5	0.17	11	2	8	1	0.02	0.06	9/27/2000 20:00	11/1/2000 14:42
CAM0001	Cape May Harbor entrance	28	0.16	14	1	10	2	0.03	0.05	9/27/2000 20:00	11/1/2000 14:42
cb0102	Cape Henry LB 2CH	22	0.46	n/a	n/a	n/a	n/a	n/a	n/a	8/27/2009 19:52	1/13/2010 18:20
cb0102	Cape Henry LB 2CH	38	0.40	n/a	n/a	n/a	n/a	n/a	n/a	8/27/2009 19:52	1/13/2010 18:20
cb0102	Cape Henry LB 2CH	55	0.33	n/a	n/a	n/a	n/a	n/a	n/a	8/27/2009 19:52	1/13/2010 18:20
cb0201	York Spit LBB 22	22	0.36	n/a	n/a	n/a	n/a	n/a	n/a	10/8/2010 19:17	2/10/2011 16:11
cb0201	York Spit LBB 22	32	0.32	n/a	n/a	n/a	n/a	n/a	n/a	10/8/2010 19:17	2/10/2011 16:11
cb0201	York Spit LBB 22	45	0.25	n/a	n/a	n/a	n/a	n/a	n/a	10/8/2010 19:17	2/10/2011 16:11
cb0301	Thimble Shoal LB 18	22	0.24	n/a	n/a	n/a	n/a	n/a	n/a	4/9/2009 18:11	10/9/2009 23:59
cb0301	Thimble Shoal LB 18	35	0.30	n/a	n/a	n/a	n/a	n/a	n/a	4/9/2009 18:11	10/9/2009 23:59
cb0301	Thimble Shoal LB 18	55	0.28	n/a	n/a	n/a	n/a	n/a	n/a	4/9/2009 18:11	10/9/2009 23:59
cb0402	Naval Station Norfolk LB 7	21	0.21	n/a	n/a	n/a	n/a	n/a	n/a	5/4/2010 15:05	11/3/2010 14:53
cb0402	Naval Station Norfolk LB 7	34	0.20	n/a	n/a	n/a	n/a	n/a	n/a	5/4/2010 15:05	11/3/2010 14:53
cb0402	Naval Station Norfolk LB 7	44	0.18	n/a	n/a	n/a	n/a	n/a	n/a	5/4/2010 15:05	11/3/2010 14:53
cb0601	Newport News Channel LB 14	15	0.35	n/a	n/a	n/a	n/a	n/a	n/a	10/8/2009 23:59	2/4/2010 13:27
cb0601	Newport News Channel LB 14	21	0.30	n/a	n/a	n/a	n/a	n/a	n/a	10/8/2009 23:59	2/4/2010 13:27
cb0601	Newport News Channel LB 14	31	0.28	n/a	n/a	n/a	n/a	n/a	n/a	10/8/2009 23:59	2/4/2010 13:27
cb0701	Dominion Terminal	335	0.35	n/a	n/a	n/a	n/a	n/a	n/a	5/3/2010 12:05	11/3/2010 11:59
cb0801	Rappahannock Shoal Channel LBB 60	22	0.20	n/a	n/a	n/a	n/a	n/a	n/a	7/2/2009 15:35	12/15/2009 13:57
cb0801	Rappahannock Shoal Channel LBB 60	32	0.21	n/a	n/a	n/a	n/a	n/a	n/a	7/2/2009 15:35	12/15/2009 13:57
cb0801	Rappahannock Shoal Channel LBB 60	42	0.20	n/a	n/a	n/a	n/a	n/a	n/a	7/2/2009 15:35	12/15/2009 13:57
cb0901	Potomac River MidChannel LWB B	22	0.17	n/a	n/a	n/a	n/a	n/a	n/a	6/25/2009 19:05	12/18/2009 16:29
cb0901	Potomac River MidChannel LWB B	32	0.19	n/a	n/a	n/a	n/a	n/a	n/a	6/25/2009 19:05	12/18/2009 16:29
cb0901	Potomac River MidChannel LWB B	55	0.21	n/a	n/a	n/a	n/a	n/a	n/a	6/25/2009 19:05	12/18/2009 16:29
cb1001	Cove Point LNG Pier	69	0.19	n/a	n/a	n/a	n/a	n/a	n/a	6/23/2010 12:16	12/16/2010 13:58
cb1101	Chesapeake Channel LBB 92	22	0.27	n/a	n/a	n/a	n/a	n/a	n/a	12/9/2009 15:17	6/2/2010 13:29
cb1101	Chesapeake Channel LBB 92	35	0.26	n/a	n/a	n/a	n/a	n/a	n/a	12/9/2009 15:17	6/2/2010 13:29

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
cb1101	Chesapeake Channel LBB 92	42	0.24	n/a	n/a	n/a	n/a	n/a	n/a	12/9/2009 15:17	6/2/2010 13:29
cb1201	Tolchester Front Range	7	0.23	n/a	n/a	n/a	n/a	n/a	n/a	4/16/2013 0:04	7/15/2013 14:46
cb1201	Tolchester Front Range	16	0.17	n/a	n/a	n/a	n/a	n/a	n/a	4/16/2013 0:04	7/15/2013 14:46
cb1201	Tolchester Front Range	26	0.17	n/a	n/a	n/a	n/a	n/a	n/a	4/16/2013 0:04	7/15/2013 14:46
cb1301	Chesapeake City	266	0.56	n/a	n/a	n/a	n/a	n/a	n/a	1/1/2009 3:37	6/1/2009 23:57
CHB0301	Cedar Point, 4.7 n.mi. east of	15	0.22	1	8	14	13	0.03	0.04	10/9/2002 14:51	1/9/2003 14:39
CHB0301	Cedar Point, 4.7 n.mi. east of	5	0.27	4	11	16	9	0.07	0.03	10/9/2002 14:51	1/9/2003 14:39
CHB0302	Love Point, 2.0 nmi north of	15	0.22	4	1	5	2	0.01	0.03	1/29/2003 6:57	5/2/2003 14:51
CHB0302	Love Point, 2.0 nmi north of	5	0.18	1	1	10	1	0.02	0.01	1/29/2003 6:57	5/2/2003 14:51
CHB0303	Smith Point Light, 5.0 n.mi. NW of	15	0.18	1	2	2	4	0.02	0.00	5/9/2003 15:48	8/21/2003 14:42
CHB0303	Smith Point Light, 5.0 n.mi. NW of	5	0.24	1	3	1	0	0.03	0.00	5/9/2003 15:48	8/21/2003 14:42
CHB0304	James Island, 1.6 n.mi. SW of	5	0.23	1	1	1	1	0.02	0.01	7/29/2003 13:57	9/21/2003 5:23
CHB0304	James Island, 1.6 n.mi. SW of	15	0.18	1	7	4	1	0.01	0.01	7/29/2003 13:57	9/21/2003 5:23
CHB9902	0.75nm west, Thimble Shoal Channel	6	0.26	2	9	7	1	0.03	0.01	5/26/1999 10:00	7/22/1999 11:48
CHB9902	0.75nm west, Thimble Shoal Channel	39	0.21	6	4	0	2	0.03	0.01	5/26/1999 10:00	7/22/1999 11:48
CHB9902	0.75nm west, Thimble Shoal Channel	16	0.27	5	6	5	6	0.03	0.01	5/26/1999 10:00	7/22/1999 11:48
CHB9902	0.75nm west, Thimble Shoal Channel	29	0.25	4	6	2	2	0.03	0.00	5/26/1999 10:00	7/22/1999 11:48
CHB9903	Hampton Roads entrance, midchannel	31	0.19	2	4	4	4	0.03	0.04	5/20/1999 14:00	7/28/1999 18:42
CHB9903	Hampton Roads entrance, midchannel	61	0.28	32	7	11	3	0.13	0.02	5/20/1999 14:00	7/28/1999 18:42
CHB9903	Hampton Roads entrance, midchannel	44	0.26	14	2	5	1	0.08	0.02	5/20/1999 14:00	7/28/1999 18:42
CHB9903	Hampton Roads entrance, midchannel	8	0.22	7	5	1	7	0.04	0.00	5/20/1999 14:00	7/28/1999 18:42
CHB9903	Hampton Roads entrance, midchannel	15	0.20	8	5	2	7	0.04	0.00	5/20/1999 14:00	7/28/1999 18:42
CHB9904	0.15nm WSW of Pier No.2	15	0.26	5	1	5	1	0.05	0.02	7/29/1999 17:48	10/5/1999 14:06
CHB9904	0.15nm WSW of Pier No.2	6	0.27	1	1	4	1	0.04	0.02	7/29/1999 17:48	10/5/1999 14:06
CHB9904	0.15nm WSW of Pier No.2	42	0.20	8	1	5	1	0.01	0.00	7/29/1999 17:48	10/5/1999 14:06

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CHB9904	0.15nm WSW of Pier No.2	29	0.24	11	1	2	1	0.03	0.00	7/29/1999 17:48	10/5/1999 14:06
CHB9905	Craney Island Reach	43	0.24	45	20	43	19	0.06	0.11	7/29/1999 14:06	10/5/1999 16:00
CHB9905	Craney Island Reach	33	0.23	14	10	22	3	0.03	0.07	7/29/1999 14:06	10/5/1999 16:00
CHB9905	Craney Island Reach	7	0.17	2	10	8	3	0.03	0.02	7/29/1999 14:06	10/5/1999 16:00
CHB9905	Craney Island Reach	17	0.15	2	7	1	4	0.03	0.01	7/29/1999 14:06	10/5/1999 16:00
COD0901	Cape Cod Canal, east end	34	0.41	4	2	21	2	0.11	0.10	6/4/2009 19:00	7/21/2009 11:23
COD0901	Cape Cod Canal, east end	15	0.32	37	5	24	7	0.12	0.09	6/4/2009 19:00	7/21/2009 11:23
COD0901	Cape Cod Canal, east end	8	0.32	35	4	25	5	0.13	0.09	6/4/2009 19:00	7/21/2009 11:23
COD0902	Sagamore Bridge	6	0.34	45	2	27	2	0.19	0.09	6/8/2009 8:42	7/20/2009 18:42
COD0902	Sagamore Bridge	42	0.27	46	2	31	2	0.15	0.06	6/8/2009 8:42	7/20/2009 18:42
COD0902	Sagamore Bridge	26	0.30	45	2	30	2	0.18	0.06	6/8/2009 8:42	7/20/2009 18:42
COD0903	Bournedale	13	0.31	40	4	21	4	0.19	0.12	6/4/2009 19:12	7/21/2009 19:23
COD0903	Bournedale	30	0.29	38	4	19	3	0.19	0.10	6/4/2009 19:12	7/21/2009 19:23
COD0903	Bournedale	46	0.24	39	4	19	3	0.15	0.08	6/4/2009 19:12	7/21/2009 19:23
COD0904	Cape Cod Canal, Railroad Bridge, midchannel	13	0.50	25	5	13	2	0.24	0.14	6/19/2009 14:58	9/4/2009 22:40
COD0905	Hog Neck	28	0.20	19	5	13	2	0.11	0.05	6/3/2009 18:36	7/21/2009 18:24
COD0905	Hog Neck	15	0.25	21	5	17	3	0.12	0.05	6/3/2009 18:36	7/21/2009 18:24
COD0905	Hog Neck	2	0.27	22	6	10	4	0.13	0.03	6/3/2009 18:36	7/21/2009 18:24
COD0906	Abiels ledge	3	0.14	16	7	7	2	0.06	0.04	6/3/2009 18:18	7/20/2009 20:18
COD0906	Abiels ledge	15	0.14	16	8	11	4	0.03	0.02	6/3/2009 18:18	7/20/2009 20:18
COD0906	Abiels ledge	31	0.12	22	8	9	5	0.02	0.02	6/3/2009 18:18	7/20/2009 20:18
COD0907	Cleveland Ledge	34	0.10	1	1	1	6	0.00	0.01	6/3/2009 17:54	7/20/2009 21:24
COD0907	Cleveland Ledge	8	0.08	1	2	14	3	0.00	0.00	6/3/2009 17:54	7/20/2009 21:24
COD0907	Cleveland Ledge	15	0.08	1	1	13	4	0.00	0.00	6/3/2009 17:54	7/20/2009 21:24
COD0908	West Island, 1 mile Southeast of	4	0.15	2	3	11	2	0.01	0.03	7/22/2009 18:12	9/15/2009 14:06
COD0908	West Island, 1 mile Southeast of	27	0.08	9	7	7	6	0.02	0.02	7/22/2009 18:12	9/15/2009 14:06
COD0908	West Island, 1 mile Southeast of	15	0.11	2	0	10	4	0.01	0.01	7/22/2009 18:12	9/15/2009 14:06
COD0909	New Bedford Hurricane Barrier	24	0.22	5	11	7	18	0.01	0.05	7/23/2009 16:18	9/15/2009 15:47
COD0909	New Bedford Hurricane Barrier	4	0.18	13	4	11	23	0.01	0.04	7/23/2009 16:18	9/15/2009 15:47

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COD0909	New Bedford Hurricane Barrier	14	0.19	4	8	6	7	0.00	0.01	7/23/2009 16:18	9/15/2009 15:47
COD0910	North end	4	0.15	26	1	4	2	0.06	0.03	7/22/2009 15:48	9/14/2009 14:54
COD0910	North end	17	0.12	23	2	2	4	0.04	0.02	7/22/2009 15:48	9/14/2009 14:54
COD0911	Woods Hole, The Strait	5	0.39	15	3	11	2	0.29	0.04	6/3/2009 16:18	8/20/2009 4:30
COD0911	Woods Hole, The Strait	21	0.25	n/a	7	8	2	0.10	0.04	6/3/2009 16:18	8/20/2009 4:30
COD0911	Woods Hole, The Strait	14	0.32	10	4	10	1	0.23	0.03	6/3/2009 16:18	8/20/2009 4:30
COD0912	Juniper Point	29	0.21	3	4	27	2	0.17	0.02	6/3/2009 16:00	7/21/2009 14:48
COD0912	Juniper Point	5	0.23	4	4	21	1	0.17	0.00	6/3/2009 16:00	7/21/2009 14:48
COD0912	Juniper Point	15	0.22	5	4	18	1	0.17	0.00	6/3/2009 16:00	7/21/2009 14:48
COD0913	Robinsons Hole, Nashuon Point	14	0.54	7	10	38	2	0.24	0.55	7/23/2009 17:12	8/20/2009 11:54
COD0913	Robinsons Hole, Nashuon Point	24	0.50	8	10	41	6	0.22	0.54	7/23/2009 17:12	8/20/2009 11:54
COD0913	Robinsons Hole, Nashuon Point	4	0.54	8	9	37	1	0.26	0.52	7/23/2009 17:12	8/20/2009 11:54
COD0914	Middle	7	0.29	7	3	51	2	0.17	0.10	7/23/2009 16:48	9/14/2009 19:00
COD0914	Middle	17	0.27	9	3	51	1	0.15	0.10	7/23/2009 16:48	9/14/2009 19:00
COD0914	Middle	40	0.19	8	4	51	1	0.10	0.06	7/23/2009 16:48	9/14/2009 19:00
COD0915	Canapitsit Channel	4	0.30	5	4	23	1	0.16	0.06	7/24/2009 10:24	9/14/2009 16:36
COI0206	Point Woronzof, 1.2nm NE of	26	0.46	24	8	1	3	0.09	0.07	7/13/2002 1:18	8/13/2002 17:48
COI0206	Point Woronzof, 1.2nm NE of	58	0.38	17	1	3	7	0.02	0.06	7/13/2002 1:18	8/13/2002 17:48
COI0206	Point Woronzof, 1.2nm NE of	85	0.37	12	1	14	5	0.03	0.01	7/13/2002 1:18	8/13/2002 17:48
COI0207	Fire Island, 1.0nm east of	28	0.28	n/a	n/a	n/a	n/a	n/a	n/a	7/13/2002 0:32	10/5/2002 22:08
COI0207	Fire Island, 1.0nm east of	14	0.34	n/a	n/a	n/a	n/a	n/a	n/a	7/13/2002 0:32	10/5/2002 22:08
COI0207	Fire Island, 1.0nm east of	2	0.35	n/a	n/a	n/a	n/a	n/a	n/a	7/13/2002 0:32	10/5/2002 22:08
COI0213	Fire Island, 1.0nm north of	41	0.48	22	1	2	2	0.25	0.07	7/13/2002 0:00	8/14/2002 15:12
COI0213	Fire Island, 1.0nm north of	25	0.50	17	2	4	2	0.28	0.05	7/13/2002 0:00	8/14/2002 15:12
COI0213	Fire Island, 1.0nm north of	15	0.52	13	2	0	2	0.29	0.04	7/13/2002 0:00	8/14/2002 15:12
COI0301	Knik Arm, NW of Anchorage	10	0.70	25	4	32	4	0.08	0.16	7/16/2003 0:22	8/20/2003 16:16
COI0301	Knik Arm, NW of Anchorage	23	0.71	27	3	16	4	0.14	0.01	7/16/2003 0:22	8/20/2003 16:16
COI0301	Knik Arm, NW of Anchorage	16	0.72	26	4	13	4	0.10	0.01	7/16/2003 0:22	8/20/2003 16:16
COI0302	Knik Arm, east side	10	0.48	8	1	12	3	0.12	0.22	7/16/2003 0:14	8/20/2003 4:26
COI0302	Knik Arm, east side	17	0.43	9	1	10	2	0.01	0.14	7/16/2003 0:14	8/20/2003 4:26

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
COI0302	Knik Arm, east side	30	0.40	15	2	13	2	0.10	0.07	7/16/2003 0:14	8/20/2003 4:26
COI0303	Port Mackenzie, south of	22	0.74	29	10	12	7	0.21	0.27	7/16/2003 0:52	8/21/2003 5:52
COI0303	Port Mackenzie, south of	41	0.71	33	6	14	8	0.22	0.25	7/16/2003 0:52	8/21/2003 5:52
COI0303	Port Mackenzie, south of	15	0.75	25	11	19	6	0.15	0.17	7/16/2003 0:52	8/21/2003 5:52
COI0303	Port Mackenzie, south of	71	0.70	15	3	17	10	0.01	0.12	7/16/2003 0:52	8/21/2003 5:52
COI0306	Fire Island Shoal, northwest of	22	0.41	10	0	4	2	0.09	0.10	7/14/2003 20:18	8/23/2003 2:24
COI0306	Fire Island Shoal, northwest of	16	0.43	7	0	1	2	0.08	0.08	7/14/2003 20:18	8/23/2003 2:24
COI0306	Fire Island Shoal, northwest of	9	0.45	1	1	1	4	0.08	0.06	7/14/2003 20:18	8/23/2003 2:24
COI0307	Beluga Shoal, south of	31	0.36	19	2	25	3	0.06	0.18	7/14/2003 21:54	8/23/2003 1:06
COI0307	Beluga Shoal, south of	21	0.38	16	3	22	3	0.04	0.15	7/14/2003 21:54	8/23/2003 1:06
COI0307	Beluga Shoal, south of	15	0.39	16	4	19	3	0.03	0.11	7/14/2003 21:54	8/23/2003 1:06
COI0418	Kennedy Entrance	21	0.39	4	3	5	11	0.02	0.15	6/22/2004 1:31	8/3/2004 17:25
COI0418	Kennedy Entrance	47	0.33	6	2	6	8	0.06	0.13	6/22/2004 1:31	8/3/2004 17:25
COI0418	Kennedy Entrance	100	0.24	1	1	4	3	0.02	0.03	6/22/2004 1:31	8/3/2004 17:25
COI0419	Anchor Point, 15nm west of	75	0.39	22	17	26	27	0.13	0.22	8/5/2004 21:36	9/15/2004 14:54
COI0419	Anchor Point, 15nm west of	49	0.43	22	14	28	26	0.23	0.07	8/5/2004 21:36	9/15/2004 14:54
COI0419	Anchor Point, 15nm west of	23	0.48	19	13	31	21	0.27	0.02	8/5/2004 21:36	9/15/2004 14:54
COI0420	Anchor Point, 8nm west of	59	0.13	9	14	13	14	0.14	0.14	8/5/2004 20:06	9/15/2004 14:42
COI0420	Anchor Point, 8nm west of	39	0.14	9	14	13	14	0.12	0.13	8/5/2004 20:06	9/15/2004 14:42
COI0420	Anchor Point, 8nm west of	13	0.25	2	10	10	8	0.09	0.03	8/5/2004 20:06	9/15/2004 14:42
COI0421	Barbara Point	147	0.10	3	5	4	2	0.05	0.07	8/5/2004 16:59	9/15/2004 19:23
COI0422	Glacier Spit	87	0.08	12	1	6	3	0.01	0.02	8/6/2004 21:05	9/15/2004 21:29
COI0422	Glacier Spit	14	0.19	26	3	38	7	0.00	0.01	8/6/2004 21:05	9/15/2004 21:29
COI0422	Glacier Spit	146	0.15	4	2	20	1	0.04	0.01	8/6/2004 21:05	9/15/2004 21:29
COI0502	The Forelands	66	0.23	4	3	14	0	0.18	0.17	5/18/2005 23:23	7/18/2005 16:11
COI0502	The Forelands	37	0.46	8	4	17	1	0.17	0.15	5/18/2005 23:23	7/18/2005 16:11
COI0502	The Forelands	17	0.36	7	5	14	1	0.14	0.06	5/18/2005 23:23	7/18/2005 16:11
COI0503	East Foreland	21	0.40	19	2	19	0	0.19	0.03	5/18/2005 22:36	6/29/2005 22:54
COI0503	East Foreland	80	0.49	25	1	21	1	0.19	0.01	5/18/2005 22:36	6/29/2005 22:54
COI0503	East Foreland	119	0.32	24	2	20	0	0.19	0.01	5/18/2005 22:36	6/29/2005 22:54

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
COI0504	Nikiski, 0.8 mile west of	92	0.27	23	3	21	1	0.16	0.13	5/18/2005 21:24	6/29/2005 23:30
COI0504	Nikiski, 0.8 mile west of	52	0.27	17	7	14	5	0.16	0.13	5/18/2005 21:24	6/29/2005 23:30
COI0504	Nikiski, 0.8 mile west of	20	0.29	16	6	8	5	0.11	0.10	5/18/2005 21:24	6/29/2005 23:30
COI0505	West Foreland, south of	38	0.20	7	5	6	2	0.06	0.12	5/19/2005 1:23	7/22/2005 18:41
COI0505	West Foreland, south of	18	0.41	8	4	16	4	0.05	0.10	5/19/2005 1:23	7/22/2005 18:41
COI0505	West Foreland, south of	11	0.28	8	5	13	4	0.05	0.09	5/19/2005 1:23	7/22/2005 18:41
COI0506	Kenai River, north of	12	0.18	11	2	14	1	0.01	0.01	5/18/2005 20:06	6/30/2005 1:54
COI0506	Kenai River, north of	45	0.16	11	1	16	1	0.05	0.01	5/18/2005 20:06	6/30/2005 1:54
COI0506	Kenai River, north of	26	0.32	13	1	16	1	0.04	0.01	5/18/2005 20:06	6/30/2005 1:54
COI0507	Drift River Terminal	15	0.31	5	4	2	2	0.01	0.10	5/19/2005 3:00	6/30/2005 20:36
COI0507	Drift River Terminal	29	0.41	4	4	3	3	0.02	0.06	5/19/2005 3:00	6/30/2005 20:36
COI0507	Drift River Terminal	42	0.26	9	3	2	3	0.03	0.04	5/19/2005 3:00	6/30/2005 20:36
COI0508	Kalgin Island, east of	117	0.23	5	0	2	1	0.02	0.06	5/18/2005 18:54	6/30/2005 14:24
COI0508	Kalgin Island, east of	28	0.28	1	4	1	1	0.02	0.05	5/18/2005 18:54	6/30/2005 14:24
COI0508	Kalgin Island, east of	58	0.22	1	1	2	0	0.01	0.02	5/18/2005 18:54	6/30/2005 14:24
COI0509	Harriot Point, west of	43	0.32	3	2	5	1	0.04	0.17	5/19/2005 4:53	6/29/2005 14:35
COI0509	Harriot Point, west of	161	0.34	13	1	0	0	0.03	0.10	5/19/2005 4:53	6/29/2005 14:35
COI0509	Harriot Point, west of	259	0.36	16	2	0	2	0.02	0.06	5/19/2005 4:53	6/29/2005 14:35
COI0510	Kalgin Island, southeast of	32	0.37	2	1	0	2	0.01	0.03	5/18/2005 16:42	6/29/2005 4:48
COI0510	Kalgin Island, southeast of	58	0.19	8	2	2	0	0.06	0.02	5/18/2005 16:42	6/29/2005 4:48
COI0510	Kalgin Island, southeast of	18	0.21	2	2	1	1	0.00	0.01	5/18/2005 16:42	6/29/2005 4:48
COI0511	Cape Nihilchik, west of	36	0.22	1	2	1	2	0.19	0.18	6/29/2005 2:54	8/15/2005 15:42
COI0511	Cape Nihilchik, west of	89	0.17	8	2	8	2	0.15	0.16	6/29/2005 2:54	8/15/2005 15:42
COI0511	Cape Nihilchik, west of	184	0.14	10	2	5	2	0.15	0.13	6/29/2005 2:54	8/15/2005 15:42
COI0513	Seldovia	16	0.17	1	10	17	2	0.03	n/a	7/4/2005 1:30	8/13/2005 19:18
COI0513	Seldovia	56	0.15	7	13	20	5	0.02	n/a	7/4/2005 1:30	8/13/2005 19:18
COI0513	Seldovia	36	0.19	5	10	16	5	0.02	n/a	7/4/2005 1:30	8/13/2005 19:18
COI0514	Augustine Island	21	0.17	2	4	5	2	0.09	0.07	7/5/2005 11:12	8/15/2005 2:12
COI0514	Augustine Island	119	0.16	7	7	4	2	0.06	0.04	7/5/2005 11:12	8/15/2005 2:12
COI0514	Augustine Island	208	0.14	9	10	7	2	0.05	0.03	7/5/2005 11:12	8/15/2005 2:12

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
COI0515	Kachemak Bay, southwest of	27	0.30	5	1	4	1	0.16	0.10	7/5/2005 14:06	8/13/2005 23:24
COI0515	Kachemak Bay, southwest of	57	0.23	1	2	2	2	0.13	0.08	7/5/2005 14:06	8/13/2005 23:24
COI0515	Kachemak Bay, southwest of	136	0.18	4	6	8	8	0.10	0.07	7/5/2005 14:06	8/13/2005 23:24
COI0515	Kachemak Bay, southwest of	244	0.15	10	3	11	9	0.09	0.06	7/5/2005 14:06	8/13/2005 23:24
COI0516	Port Graham	114	0.17	8	1	3	0	0.08	0.07	7/4/2005 3:00	8/13/2005 21:00
COI0516	Port Graham	75	0.53	4	1	1	1	0.06	0.06	7/4/2005 3:00	8/13/2005 21:00
COI0516	Port Graham	25	0.24	3	0	1	1	0.03	0.06	7/4/2005 3:00	8/13/2005 21:00
COI0517	Cape Douglas	337	0.18	3	n/a	3	15	0.00	0.03	7/5/2005 0:36	8/14/2005 22:00
COI0517	Cape Douglas	455	0.13	13	33	3	5	0.02	0.02	7/5/2005 0:36	8/14/2005 22:00
COI0517	Cape Douglas	199	0.28	19	8	1	23	0.01	0.01	7/5/2005 0:36	8/14/2005 22:00
COI0519	Stevenson Passage	240	0.24	3	7	8	6	0.07	0.13	7/4/2005 20:24	8/14/2005 17:36
COI0519	Stevenson Passage	388	0.24	2	8	9	13	0.02	0.10	7/4/2005 20:24	8/14/2005 17:36
COI0519	Stevenson Passage	60	0.37	2	4	1	7	0.10	0.01	7/4/2005 20:24	8/14/2005 17:36
COI0520	West Armatuli Island, North	120	0.34	n/a	n/a	n/a	n/a	n/a	n/a	7/4/2005 17:18	8/14/2005 13:54
COI0520	West Armatuli Island, North	238	0.27	13	9	11	13	0.07	0.17	7/4/2005 17:18	8/14/2005 13:54
COI0521	Cape Elizabeth	137	0.26	3	1	1	1	0.14	0.15	7/4/2005 6:12	8/14/2005 2:54
COI0521	Cape Elizabeth	229	0.28	2	3	10	2	0.09	0.08	7/4/2005 6:12	8/14/2005 2:54
COI0521	Cape Elizabeth	32	0.38	70	70	74	75	0.11	0.03	7/4/2005 6:12	8/14/2005 2:54
COI0522	Port Chatham	21	0.10	34	40	11	7	0.02	0.02	7/4/2005 8:54	8/14/2005 4:36
COI0522	Port Chatham	70	0.11	5	9	5	20	0.01	0.01	7/4/2005 8:54	8/14/2005 4:36
COI0522	Port Chatham	40	0.10	8	31	0	12	0.03	0.01	7/4/2005 8:54	8/14/2005 4:36
COI0523	Chugach Passage	221	0.31	11	1	3	4	0.01	0.08	7/4/2005 8:12	8/14/2005 5:17
COI0523	Chugach Passage	129	0.28	4	2	2	8	0.02	0.04	7/4/2005 8:12	8/14/2005 5:17
COI0523	Chugach Passage	37	0.31	3	9	7	11	0.02	0.01	7/4/2005 8:12	8/14/2005 5:17
COI0524	Chugach Passage, east of	32	0.32	20	1	0	0	0.26	0.36	7/4/2005 7:42	8/14/2005 6:06
COI0524	Chugach Passage, east of	52	0.30	22	1	4	1	0.24	0.35	7/4/2005 7:42	8/14/2005 6:06
COI0524	Chugach Passage, east of	12	0.35	11	1	5	2	0.30	0.22	7/4/2005 7:42	8/14/2005 6:06
COI0801	Tesoro Pier	35	0.39	12	6	2	8	0.10	0.13	7/15/2008 22:36	9/17/2008 22:30
COI0801	Tesoro Pier	15	0.46	20	7	10	10	0.01	0.13	7/15/2008 22:36	9/17/2008 22:30
COI0801	Tesoro Pier	55	0.32	4	4	1	8	0.10	0.08	7/15/2008 22:36	9/17/2008 22:30

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COI0802	Unocal Pier, south of	12	0.36	13	8	14	7	0.02	0.12	7/15/2008 23:24	9/17/2008 22:30
COI0802	Unocal Pier, south of	32	0.29	14	7	13	7	0.05	0.02	7/15/2008 23:24	9/17/2008 22:30
COI0802	Unocal Pier, south of	51	0.23	7	5	12	6	0.10	0.01	7/15/2008 23:24	9/17/2008 22:30
EPT0003	Estes Head, Eastport	52	0.18	10	3	19	3	0.03	0.07	6/28/2000 20:54	9/6/2000 22:06
EPT0003	Estes Head, Eastport	78	0.19	15	4	20	4	0.03	0.07	6/28/2000 20:54	9/6/2000 22:06
EPT0003	Estes Head, Eastport	32	0.19	8	2	18	3	0.03	0.06	6/28/2000 20:54	9/6/2000 22:06
EPT0003	Estes Head, Eastport	13	0.20	6	3	17	4	0.02	0.05	6/28/2000 20:54	9/6/2000 22:06
EPT0004	Robbinston, St. Croix River	32	0.11	10	9	1	2	n/a	n/a	6/28/2000 13:48	9/6/2000 18:24
EPT0004	Robbinston, St. Croix River	12	0.12	7	19	5	19	0.04	0.07	6/28/2000 13:48	9/6/2000 18:24
EPT0004	Robbinston, St. Croix River	58	0.12	19	4	5	3	0.01	0.02	6/28/2000 13:48	9/6/2000 18:24
FEB1102	St. Marys River Entrance	8	0.29	0	1	11	2	0.11	0.07	11/3/2011 13:18	12/2/2011 18:59
FEB1102	St. Marys River Entrance	25	0.27	5	1	11	1	0.09	0.04	11/3/2011 13:18	12/2/2011 18:59
FEB1102	St. Marys River Entrance	42	0.23	13	1	10	1	0.04	0.03	11/3/2011 13:18	12/2/2011 18:59
FEB1103	Quarantine Reach, 0.4nm W of Fort Clinch	7	0.20	8	2	3	1	0.02	0.04	11/3/2011 12:54	12/17/2011 14:41
FEB1103	Quarantine Reach, 0.4nm W of Fort Clinch	27	0.16	2	1	8	2	0.06	0.02	11/3/2011 12:54	12/17/2011 14:41
FEB1103	Quarantine Reach, 0.4nm W of Fort Clinch	46	0.15	3	1	5	4	0.05	0.00	11/3/2011 12:54	12/17/2011 14:41
FEB1104	Old Fernandina, Amelia River, Old Town Reach	24	0.15	14	0	8	2	0.04	0.03	11/3/2011 15:00	12/17/2011 16:36
FEB1104	Old Fernandina, Amelia River, Old Town Reach	14	0.16	14	1	11	2	0.06	0.03	11/3/2011 15:00	12/17/2011 16:36
FEB1104	Old Fernandina, Amelia River, Old Town Reach	4	0.18	8	1	9	3	0.07	0.01	11/3/2011 15:00	12/17/2011 16:36
FEB1107	Fernandina Beach, City Front Reach, Amelia River	11	0.21	21	17	29	14	0.01	0.04	11/3/2011 12:00	11/25/2011 6:48
FEB1107	Fernandina Beach, City Front Reach, Amelia River	29	0.18	26	17	31	13	0.01	0.03	11/3/2011 12:00	11/25/2011 6:48
FEB1107	Fernandina Beach, City Front Reach, Amelia River	5	0.21	25	16	30	13	0.00	0.03	11/3/2011 12:00	11/25/2011 6:48
FEB1108	south jetty	34	0.32	18	10	1	8	0.01	0.14	11/3/2011 14:00	12/27/2011 9:17
FEB1108	south jetty	8	0.42	26	15	10	16	0.04	0.08	11/3/2011 14:00	12/27/2011 9:17
FEB1108	south jetty	18	0.39	14	13	11	5	0.00	0.07	11/3/2011 14:00	12/27/2011 9:17
FLK1301	Key West, 0.3 mi. W of Ft. Taylor	4	0.23	19	5	12	2	0.04	0.05	1/26/2013 16:12	4/10/2013 13:00

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FLK1301	Key West, 0.3 mi. W of Ft. Taylor	14	0.19	14	5	10	2	0.03	0.04	1/26/2013 16:12	4/10/2013 13:00
FLK1302	Main Ship Channel Entrance	17	0.08	35	1	6	11	0.03	0.01	1/26/2013 15:12	3/5/2013 14:36
FLK1302	Main Ship Channel Entrance	4	0.12	2	8	6	13	0.00	0.00	1/26/2013 15:12	3/5/2013 14:36
FLK1303	Key West Channel, Cut-A Cut-B Turn	6	0.18	8	1	19	6	0.02	0.02	3/5/2013 18:36	4/10/2013 12:24
FLK1303	Key West Channel, Cut-A Cut-B Turn	26	0.12	13	7	13	8	0.03	0.01	3/5/2013 18:36	4/10/2013 12:24
FLK1304	Southwest channel	20	0.09	6	4	5	4	0.01	0.02	3/5/2013 18:24	4/10/2013 13:30
FLK1304	Southwest channel	3	0.12	2	1	3	3	0.00	0.02	3/5/2013 18:24	4/10/2013 13:30
FLK1306	Key West Harbor Range channel	6	0.18	25	3	25	1	0.03	0.05	1/26/2013 17:06	3/5/2013 14:41
FLK1306	Key West Harbor Range channel	19	0.14	20	4	20	1	0.02	0.03	1/26/2013 17:06	3/5/2013 14:41
FLK1307	Turning Basin	6	0.18	5	4	1	7	0.03	0.03	3/5/2013 16:42	4/10/2013 14:00
FLK1307	Turning Basin	23	0.14	11	2	1	3	0.02	0.02	3/5/2013 16:42	4/10/2013 14:00
FLK1308	Man of War Harbor	3	0.18	2	5	1	7	0.02	0.02	1/25/2013 19:48	3/3/2013 16:18
FLK1308	Man of War Harbor	16	0.13	1	7	2	5	0.04	0.00	1/25/2013 19:48	3/3/2013 16:18
FLK1309	Fleming Key, North of	2	0.26	23	7	10	2	0.09	0.05	3/6/2013 19:45	4/8/2013 14:39
FLK1309	Fleming Key, North of	9	0.20	23	5	11	3	0.05	0.03	3/6/2013 19:45	4/8/2013 14:39
FLK1310	Fleming Key Cut	17	0.19	10	12	12	21	0.03	0.06	1/26/2013 16:54	3/5/2013 16:42
FLK1310	Fleming Key Cut	4	0.24	8	11	5	27	0.02	0.04	1/26/2013 16:54	3/5/2013 16:42
FLK1313	Northwest Channel, W of Calda Bank	5	0.16	16	4	25	7	0.08	0.06	1/25/2013 18:36	3/3/2013 15:30
FLK1313	Northwest Channel, W of Calda Bank	22	0.13	15	4	23	7	0.07	0.05	1/25/2013 18:36	3/3/2013 15:30
FLK1315	Northwest Channel, W of Middle Ground	4	0.22	17	3	17	2	0.08	0.07	3/7/2013 0:42	4/10/2013 14:48
FLK1315	Northwest Channel, W of Middle Ground	17	0.18	17	3	16	2	0.06	0.06	3/7/2013 0:42	4/10/2013 14:48
FLK1316	Boca Grande Channel	2	0.16	6	7	7	6	0.05	0.05	3/6/2013 15:30	4/11/2013 15:18
FLK1316	Boca Grande Channel	12	0.13	8	8	7	7	0.04	0.03	3/6/2013 15:30	4/11/2013 15:18
FLK1317	New Ground	6	0.14	12	11	2	11	0.02	0.07	3/6/2013 14:12	4/11/2013 13:06
FLK1317	New Ground	32	0.10	13	12	5	10	0.03	0.04	3/6/2013 14:12	4/11/2013 13:06
FLK1324	Moser Channel, betw. Molasses and Pigeon Keys	3	0.21	3	5	10	5	0.11	0.25	3/7/2013 18:24	4/11/2013 21:48
FLK1324	Moser Channel, betw. Molasses and Pigeon Keys	9	0.18	1	5	12	5	0.07	0.19	3/7/2013 18:24	4/11/2013 21:48
FLK1325	Loggerhead Key, East of	2	0.06	5	4	4	16	0.07	0.07	3/4/2013 14:54	4/11/2013 20:06
FLK1325	Loggerhead Key, East of	8	0.05	35	44	2	7	0.10	0.05	3/4/2013 14:54	4/11/2013 20:06

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FLK1327	Bahia Honda Harbor	4	0.20	25	1	28	1	0.02	0.01	1/29/2013 21:30	3/4/2013 20:18
FPI0901	Fort Pierce Inlet Entrance	6	0.33	20	1	31	2	0.14	0.12	11/14/2008 22:15	1/11/2009 18:24
FPI0901	Fort Pierce Inlet Entrance	23	0.32	22	0	23	3	0.11	0.12	11/14/2008 22:15	1/11/2009 18:24
FPI0901	Fort Pierce Inlet Entrance	33	0.29	19	1	22	2	0.10	0.11	11/14/2008 22:15	1/11/2009 18:24
FPI0901	Fort Pierce Inlet Entrance	16	0.33	22	0	28	2	0.12	0.11	11/14/2008 22:15	1/11/2009 18:24
FPI0902	Inner Range, north of USCG station	14	0.22	14	0	11	4	0.09	0.12	11/18/2008 0:03	1/21/2009 13:53
FPI0902	Inner Range, north of USCG station	21	0.20	14	0	11	4	0.08	0.11	11/18/2008 0:03	1/21/2009 13:53
FPI0902	Inner Range, north of USCG station	5	0.23	15	1	23	6	0.08	0.08	11/18/2008 0:03	1/21/2009 13:53
FPI0903	South Bridge (ICW)	3	0.27	3	4	8	4	0.02	0.05	11/15/2008 0:05	12/22/2008 13:15
FPI0903	South Bridge (ICW)	16	0.21	7	5	20	4	0.02	0.02	11/15/2008 0:05	12/22/2008 13:15
FPI0903	South Bridge (ICW)	9	0.24	4	4	14	4	0.01	0.02	11/15/2008 0:05	12/22/2008 13:15
FPI0904	Turning Basin	16	0.13	1	4	2	3	0.01	0.04	1/20/2009 11:50	3/14/2009 0:00
FPI0904	Turning Basin	19	0.13	7	5	4	3	0.00	0.03	1/20/2009 11:50	3/14/2009 0:00
FPI0904	Turning Basin	6	0.16	4	4	8	1	0.01	0.03	1/20/2009 11:50	3/14/2009 0:00
g05010	Galveston Causeway	177	0.32	n/a	n/a	n/a	n/a	n/a	n/a	1/25/2009 0:00	6/29/2009 18:34
g06010	Galveston Bay Entr Channel LB 11	13	0.44	n/a	n/a	n/a	n/a	n/a	n/a	3/1/2010 22:41	8/25/2010 14:39
g06010	Galveston Bay Entr Channel LB 11	26	0.39	n/a	n/a	n/a	n/a	n/a	n/a	3/1/2010 22:41	8/25/2010 14:39
gp0101	Gulfport Ship Channel LB 22	11	0.22	n/a	n/a	n/a	n/a	n/a	n/a	4/21/2010 15:09	10/7/2010 14:36
gp0201	Gulfport Ship Channel LB 26	15	0.31	n/a	n/a	n/a	n/a	n/a	n/a	3/2/2010 14:45	8/25/2010 18:57
gp0301	Day Marker 32	71	0.25	n/a	n/a	n/a	n/a	n/a	n/a	4/24/2010 4:04	10/20/2010 15:50
HAI1103	Barbers Point Entrance	166	0.15	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2011 22:24	2/13/2011 3:48
HAI1103	Barbers Point Entrance	94	0.23	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2011 22:24	2/13/2011 3:48
HAI1103	Barbers Point Entrance	22	0.27	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2011 22:24	2/13/2011 3:48
HAI1105	South of Barbers Point	27	0.43	10	1	25	36	0.01	0.11	1/6/2011 21:36	2/13/2011 2:24
HAI1105	South of Barbers Point	136	0.33	7	13	16	38	0.06	0.04	1/6/2011 21:36	2/13/2011 2:24
HAI1105	South of Barbers Point	224	0.24	16	1	21	28	0.05	0.02	1/6/2011 21:36	2/13/2011 2:24
HAI1106	Diamond Head	22	0.33	20	1	1	13	0.00	0.04	1/9/2011 2:36	2/12/2011 18:12
HAI1106	Diamond Head	107	0.28	19	8	4	12	0.02	0.03	1/9/2011 2:36	2/12/2011 18:12
HAI1106	Diamond Head	186	0.22	15	8	4	7	0.01	0.03	1/9/2011 2:36	2/12/2011 18:12
HAI1110	Iroquois Point, Pearl Harbor	35	0.08	25	10	9	19	0.08	0.11	1/6/2011 19:36	2/12/2011 23:12

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
HAI1110	Iroquois Point, Pearl Harbor	9	0.11	11	11	2	35	0.15	0.05	1/6/2011 19:36	2/12/2011 23:12
HAI1111	Makapuu Point	257	0.26	n/a	n/a	n/a	n/a	n/a	n/a	1/9/2011 0:42	2/12/2011 20:06
HAI1111	Makapuu Point	109	0.34	n/a	n/a	n/a	n/a	n/a	n/a	1/9/2011 0:42	2/12/2011 20:06
HAI1111	Makapuu Point	41	0.38	n/a	n/a	n/a	n/a	n/a	n/a	1/9/2011 0:42	2/12/2011 20:06
HAI1112	Kahuku Point	25	0.35	7	3	11	20	0.01	0.10	2/3/2011 23:59	4/1/2011 23:41
HAI1112	Kahuku Point	189	0.21	7	14	3	3	0.09	0.07	2/3/2011 23:59	4/1/2011 23:41
HAI1112	Kahuku Point	110	0.28	9	1	3	4	0.04	0.01	2/3/2011 23:59	4/1/2011 23:41
HAI1113	Laau Point, Southwest of	103	0.35	0	2	16	10	0.00	0.06	1/8/2011 22:06	2/14/2011 16:59
HAI1113	Laau Point, Southwest of	24	0.38	1	1	13	14	0.02	0.04	1/8/2011 22:06	2/14/2011 16:59
HAI1113	Laau Point, Southwest of	181	0.25	3	1	11	2	0.10	0.04	1/8/2011 22:06	2/14/2011 16:59
HAI1115	Pailalo Channel	244	0.21	7	37	13	3	0.01	0.03	1/8/2011 17:00	2/15/2011 3:00
HAI1115	Pailalo Channel	136	0.24	6	23	14	1	0.00	0.02	1/8/2011 17:00	2/15/2011 3:00
HAI1115	Pailalo Channel	28	0.30	11	20	19	19	0.02	0.01	1/8/2011 17:00	2/15/2011 3:00
HAI1116	Kalohi Channel	21	0.42	6	1	1	0	0.03	0.05	1/8/2011 18:54	3/29/2011 11:17
HAI1116	Kalohi Channel	237	0.31	2	13	11	4	0.04	0.03	1/8/2011 18:54	3/29/2011 11:17
HAI1116	Kalohi Channel	139	0.34	5	8	1	1	0.02	0.02	1/8/2011 18:54	3/29/2011 11:17
HAI1118	Hawea Point	99	0.26	0	34	9	29	0.11	0.01	2/15/2011 2:24	3/25/2011 23:59
HAI1118	Hawea Point	243	0.16	2	1	7	19	0.00	0.01	2/15/2011 2:24	3/25/2011 23:59
HAI1118	Hawea Point	27	0.28	4	31	24	26	0.09	0.01	2/15/2011 2:24	3/25/2011 23:59
HAI1119	Auau Channel	210	0.29	4	2	2	20	0.03	0.03	2/15/2011 0:36	3/26/2011 23:59
HAI1119	Auau Channel	26	0.44	9	15	14	42	0.08	0.03	2/15/2011 0:36	3/26/2011 23:59
HAI1119	Auau Channel	105	0.38	0	8	1	22	0.04	0.03	2/15/2011 0:36	3/26/2011 23:59
HAI1120	Lahaina	7	0.20	5	7	32	10	0.02	0.01	2/15/2011 1:12	4/2/2011 23:06
HAI1120	Lahaina	29	0.18	5	4	37	4	0.02	0.01	2/15/2011 1:12	4/2/2011 23:06
HAI1120	Lahaina	49	0.16	6	5	35	11	0.00	0.01	2/15/2011 1:12	4/2/2011 23:06
HAI1121	Alalakeiki Channel	56	0.52	0	17	16	44	0.07	0.06	2/18/2011 2:42	4/6/2011 1:54
HAI1127	Upolu Point	34	0.53	4	7	23	16	0.46	0.06	2/17/2011 1:24	3/30/2011 19:54
HAI1127	Upolu Point	204	0.32	0	1	4	11	0.09	0.02	2/17/2011 1:24	3/30/2011 19:54
HAI1127	Upolu Point	100	0.46	1	2	9	6	0.30	0.02	2/17/2011 1:24	3/30/2011 19:54
hb0401	Chevron Pier	400	0.24	n/a	n/a	n/a	n/a	n/a	n/a	12/10/2012 0:05	2/21/2013 14:05

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
HUB0202	Humboldt Bay Entr., 0.1nm NE of South Spit Light	30	0.38	n/a	n/a	n/a	n/a	n/a	n/a	12/11/2002 0:06	12/31/2002 22:18
HUB0202	Humboldt Bay Entr., 0.1nm NE of South Spit Light	14	0.42	n/a	n/a	n/a	n/a	n/a	n/a	12/11/2002 0:06	12/31/2002 22:18
HUB0203	North Bay Channel, west of Eureka	28	0.19	n/a	n/a	n/a	n/a	n/a	n/a	12/11/2002 20:36	1/24/2003 10:29
HUB0203	North Bay Channel, west of Eureka	15	0.18	n/a	n/a	n/a	n/a	n/a	n/a	12/11/2002 20:36	1/24/2003 10:29
HUB0206	North Spit, 0.15 n.mi. SW of	32	0.27	n/a	n/a	n/a	n/a	n/a	n/a	1/24/2003 18:12	2/28/2003 1:12
HUB0206	North Spit, 0.15 n.mi. SW of	15	0.30	n/a	n/a	n/a	n/a	n/a	n/a	1/24/2003 18:12	2/28/2003 1:12
HUB0207	South Spit, 0.1 n.mi. E of	15	0.16	n/a	n/a	n/a	n/a	n/a	n/a	1/24/2003 21:30	2/27/2003 23:24
HUB0401	Humboldy Bay Bar Channel, 0.4 nm WNW of	31	0.16	n/a	n/a	n/a	n/a	n/a	n/a	7/21/2004 17:36	9/8/2004 14:12
HUB0401	Humboldy Bay Bar Channel, 0.4 nm WNW of	4	0.28	n/a	n/a	n/a	n/a	n/a	n/a	7/21/2004 17:36	9/8/2004 14:12
HUB0402	Humboldt Bay Entrance Channel	15	0.21	4	1	5	4	0.07	0.13	7/21/2004 17:06	10/15/2004 14:42
HUB0402	Humboldt Bay Entrance Channel	34	0.18	1	0	5	7	0.07	0.11	7/21/2004 17:06	10/15/2004 14:42
HUR0401	Haverstraw	4	0.15	6	2	5	6	0.05	0.05	6/8/2004 14:18	7/28/2004 14:12
HUR0401	Haverstraw	12	0.12	7	3	4	2	0.00	0.04	6/8/2004 14:18	7/28/2004 14:12
HUR0401	Haverstraw	20	0.12	11	7	4	1	0.02	0.02	6/8/2004 14:18	7/28/2004 14:12
HUR0502	Tappan Zee Bridge	5	0.19	0	13	6	2	0.10	0.08	6/2/2005 17:18	7/6/2005 19:54
HUR0502	Tappan Zee Bridge	16	0.21	11	11	5	2	0.09	0.05	6/2/2005 17:18	7/6/2005 19:54
HUR0502	Tappan Zee Bridge	35	0.14	2	9	1	1	0.07	0.01	6/2/2005 17:18	7/6/2005 19:54
HUR0503	Stony Point	14	0.15	10	1	5	1	0.09	0.08	7/6/2005 23:12	8/14/2005 1:29
HUR0503	Stony Point	50	0.20	1	4	4	20	0.07	0.03	7/6/2005 23:12	8/14/2005 1:29
HUR0503	Stony Point	83	0.32	13	6	37	15	0.07	0.00	7/6/2005 23:12	8/14/2005 1:29
HUR0504	Bear Mountain Bridge	52	0.15	1	5	7	1	0.03	0.04	7/7/2005 3:30	8/23/2005 18:29
HUR0504	Bear Mountain Bridge	13	0.11	10	2	1	1	0.02	0.04	7/7/2005 3:30	8/23/2005 18:29
HUR0504	Bear Mountain Bridge	88	0.16	19	6	4	5	0.08	0.01	7/7/2005 3:30	8/23/2005 18:29
HUR0506	Newburgh Beacon Bridge	24	0.09	13	3	0	2	0.04	0.03	7/7/2005 13:48	8/23/2005 20:41
HUR0506	Newburgh Beacon Bridge	17	0.10	11	2	3	2	0.04	0.03	7/7/2005 13:48	8/23/2005 20:41
HUR0506	Newburgh Beacon Bridge	4	0.10	2	2	2	4	0.05	0.01	7/7/2005 13:48	8/23/2005 20:41
HUR0507	Roseton	15	0.17	1	1	5	2	0.04	0.03	8/24/2005 18:12	10/19/2005 19:59
HUR0507	Roseton	41	0.15	3	1	6	2	0.05	0.03	8/24/2005 18:12	10/19/2005 19:59

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HUR0507	Roseton	5	0.18	5	0	6	2	0.05	0.02	8/24/2005 18:12	10/19/2005 19:59
HUR0509	Kingston Point, south of	4	0.16	7	2	3	3	0.11	0.09	8/24/2005 18:30	10/9/2005 0:54
HUR0509	Kingston Point, south of	17	0.15	7	2	4	3	0.11	0.08	8/24/2005 18:30	10/9/2005 0:54
HUR0509	Kingston Point, south of	30	0.12	3	2	4	3	0.09	0.06	8/24/2005 18:30	10/9/2005 0:54
HUR0611	George Washington Bridge	63	0.30	20	1	0	9	0.15	0.12	8/14/2006 15:24	11/1/2006 22:41
HUR0611	George Washington Bridge	14	0.38	16	4	8	7	0.16	0.07	8/14/2006 15:24	11/1/2006 22:41
HUR0611	George Washington Bridge	40	0.33	9	0	1	10	0.16	0.03	8/14/2006 15:24	11/1/2006 22:41
HUR0612	Kingston-Rhinecliff Bridge	4	0.19	13	2	13	2	0.05	0.09	8/14/2006 22:54	11/1/2006 12:36
HUR0612	Kingston-Rhinecliff Bridge	14	0.18	15	1	7	1	0.05	0.09	8/14/2006 22:54	11/1/2006 12:36
HUR0612	Kingston-Rhinecliff Bridge	27	0.15	15	1	1	1	0.05	0.08	8/14/2006 22:54	11/1/2006 12:36
HUR0613	Silver Point, south of	4	0.28	20	1	17	0	0.11	0.13	9/21/2006 15:00	10/31/2006 21:48
HUR0613	Silver Point, south of	14	0.26	20	1	13	0	0.10	0.12	9/21/2006 15:00	10/31/2006 21:48
HUR0613	Silver Point, south of	31	0.20	16	2	13	1	0.09	0.09	9/21/2006 15:00	10/31/2006 21:48
HUR0614	Hudson	14	0.37	15	0	17	1	0.09	0.13	9/21/2006 14:00	10/31/2006 20:30
HUR0614	Hudson	24	0.35	16	0	15	1	0.09	0.13	9/21/2006 14:00	10/31/2006 20:30
HUR0614	Hudson	40	0.28	14	1	18	1	0.07	0.11	9/21/2006 14:00	10/31/2006 20:30
HUR0615	Coxsackie	31	0.13	n/a	n/a	n/a	n/a	n/a	n/a	9/21/2006 13:06	10/20/2006 13:30
HUR0615	Coxsackie	14	0.16	n/a	n/a	n/a	n/a	n/a	n/a	9/21/2006 13:06	10/20/2006 13:30
HUR0615	Coxsackie	4	0.17	n/a	n/a	n/a	n/a	n/a	n/a	9/21/2006 13:06	10/20/2006 13:30
HUR0616	Houghtaling Island, south of	4	0.16	11	8	n/a	2	0.00	0.08	8/15/2006 21:24	9/20/2006 14:23
HUR0616	Houghtaling Island, south of	14	0.15	12	8	n/a	2	0.00	0.08	8/15/2006 21:24	9/20/2006 14:23
HUR0616	Houghtaling Island, south of	27	0.13	12	7	n/a	2	0.01	0.06	8/15/2006 21:24	9/20/2006 14:23
HUR0617	Castleton-on-Hudson Bridge	6	0.18	7	12	n/a	3	0.02	0.05	8/15/2006 20:30	9/20/2006 16:48
HUR0617	Castleton-on-Hudson Bridge	16	0.17	10	11	n/a	3	0.03	0.05	8/15/2006 20:30	9/20/2006 16:48
HUR0617	Castleton-on-Hudson Bridge	32	0.14	10	9	n/a	2	0.02	0.04	8/15/2006 20:30	9/20/2006 16:48
HUR0618	Port of Albany	16	0.14	2	9	n/a	1	0.03	0.03	8/15/2006 18:42	9/20/2006 18:11
HUR0618	Port of Albany	7	0.14	3	8	n/a	3	0.02	0.02	8/15/2006 18:42	9/20/2006 18:11
HUR0618	Port of Albany	30	0.12	1	7	n/a	1	0.03	0.02	8/15/2006 18:42	9/20/2006 18:11
HUR0620	Mid-Hudson Suspension Bridge	16	0.21	4	2	0	2	0.07	0.08	9/21/2006 18:36	11/1/2006 15:17
HUR0620	Mid-Hudson Suspension Bridge	32	0.20	7	2	2	2	0.07	0.08	9/21/2006 18:36	11/1/2006 15:17

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HUR0620	Mid-Hudson Suspension Bridge	48	0.17	7	3	2	2	0.06	0.06	9/21/2006 18:36	11/1/2006 15:17
JOP1101	Johns Pass Entrance	2	0.17	10	25	8	12	0.02	0.10	11/5/2011 14:48	12/14/2011 20:42
JOP1101	Johns Pass Entrance	8	0.15	4	33	8	10	0.01	0.10	11/5/2011 14:48	12/14/2011 20:42
JOP1103	Johns Pass Bridge, north span	16	0.26	12	16	2	10	0.06	0.10	11/5/2011 15:48	12/14/2011 19:48
JOP1103	Johns Pass Bridge, north span	3	0.27	9	15	6	10	0.07	0.05	11/5/2011 15:48	12/14/2011 19:48
JOP1104	Johns Pass Bridge, 0.3nm north of	3	0.23	n/a	19	4	12	n/a	0.02	11/5/2011 14:42	12/14/2011 21:12
JOP1104	Johns Pass Bridge, 0.3nm north of	11	0.20	n/a	22	7	16	n/a	0.01	11/5/2011 14:42	12/14/2011 21:12
jx0101	St Johns River LBB 6	12	0.42	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	7/6/2014 23:57
jx0101	St Johns River LBB 6	25	0.32	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	7/6/2014 23:57
jx0101	St Johns River LBB 6	35	0.29	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	7/6/2014 23:57
jx0201	Mayport Basin PC LBB	12	0.30	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	7/7/2014 23:57
jx0201	Mayport Basin PC LBB	22	0.28	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	7/7/2014 23:57
jx0201	Mayport Basin PC LBB	35	0.27	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	7/7/2014 23:57
jx0301	Mile Point LB 24	12	0.33	n/a	n/a	n/a	n/a	n/a	n/a	2/22/2014 0:09	3/24/2014 13:51
jx0301	Mile Point LB 24	22	0.28	n/a	n/a	n/a	n/a	n/a	n/a	2/22/2014 0:09	3/24/2014 13:51
jx0301	Mile Point LB 24	35	0.29	n/a	n/a	n/a	n/a	n/a	n/a	2/22/2014 0:09	3/24/2014 13:51
jx0401	Fulton Cutoff LB 34	12	0.35	n/a	n/a	n/a	n/a	n/a	n/a	1/9/2014 0:03	7/12/2014 23:57
jx0401	Fulton Cutoff LB 34	22	0.31	n/a	n/a	n/a	n/a	n/a	n/a	1/9/2014 0:03	7/12/2014 23:57
jx0401	Fulton Cutoff LB 34	32	0.23	n/a	n/a	n/a	n/a	n/a	n/a	1/9/2014 0:03	7/12/2014 23:57
jx0501	Dames Point Bridge	176	0.23	n/a	n/a	n/a	n/a	n/a	n/a	1/11/2014 0:02	7/11/2014 23:59
jx0601	Trout River Cut LB 64	12	0.22	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	6/24/2014 22:57
jx0601	Trout River Cut LB 64	22	0.24	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	6/24/2014 22:57
jx0601	Trout River Cut LB 64	35	0.19	n/a	n/a	n/a	n/a	n/a	n/a	1/6/2014 18:51	6/24/2014 22:57
jx0701	Acosta Bridge	267	0.25	n/a	n/a	n/a	n/a	n/a	n/a	2/22/2014 0:01	8/18/2014 18:51
KOD0901	Cliff Point, 1.8miles NE of	208	0.09	17	14	13	4	0.05	0.02	5/29/2009 18:06	7/10/2009 22:30
KOD0901	Cliff Point, 1.8miles NE of	25	0.12	24	29	43	13	0.03	0.02	5/29/2009 18:06	7/10/2009 22:30
KOD0903	Kodiak Harbor Narrows	6	0.14	1	3	12	4	0.02	0.04	5/29/2009 3:42	8/20/2009 1:11
KOD0903	Kodiak Harbor Narrows	16	0.12	2	2	11	6	0.01	0.03	5/29/2009 3:42	8/20/2009 1:11
KOD0903	Kodiak Harbor Narrows	33	0.11	4	5	8	2	0.01	0.02	5/29/2009 3:42	8/20/2009 1:11
KOD0904	Woody Island, north of	14	0.15	8	11	7	5	0.00	0.01	5/29/2009 3:00	7/10/2009 23:54

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KOD0904	Woody Island, north of	99	0.11	10	3	8	9	0.01	0.01	5/29/2009 3:00	7/10/2009 23:54
KOD0904	Woody Island, north of	59	0.09	7	14	1	1	0.04	0.00	5/29/2009 3:00	7/10/2009 23:54
KOD0905	Woody Channel	85	0.12	5	0	4	8	0.05	0.07	5/29/2009 17:30	7/10/2009 23:24
KOD0905	Woody Channel	49	0.12	2	7	1	11	0.05	0.02	5/29/2009 17:30	7/10/2009 23:24
KOD0905	Woody Channel	16	0.14	1	10	1	11	0.03	0.01	5/29/2009 17:30	7/10/2009 23:24
KOD0906	Cape Chiniak	125	0.14	5	19	37	6	0.15	0.10	5/29/2009 20:24	7/11/2009 19:17
KOD0906	Cape Chiniak	26	0.18	29	32	5	10	0.16	0.09	5/29/2009 20:24	7/11/2009 19:17
KOD0906	Cape Chiniak	223	0.12	5	10	19	2	0.06	0.01	5/29/2009 20:24	7/11/2009 19:17
KOD0907	Ugak Bay Entrance	27	0.14	18	61	67	48	0.00	0.02	5/30/2009 0:18	7/12/2009 1:06
KOD0915	Geese Island, south of	13	0.27	23	5	21	5	0.02	0.11	7/13/2009 22:06	8/26/2009 21:30
KOD0915	Geese Island, south of	46	0.24	26	10	16	4	0.02	0.05	7/13/2009 22:06	8/26/2009 21:30
KOD0915	Geese Island, south of	79	0.22	13	8	8	4	0.06	0.01	7/13/2009 22:06	8/26/2009 21:30
KOD0916	Cape Sitkinak, east of	169	0.17	9	7	14	11	0.03	0.07	7/13/2009 23:36	8/26/2009 20:12
KOD0916	Cape Sitkinak, east of	25	0.27	25	10	5	27	0.03	0.04	7/13/2009 23:36	8/26/2009 20:12
KOD0916	Cape Sitkinak, east of	97	0.20	13	4	22	29	0.04	0.01	7/13/2009 23:36	8/26/2009 20:12
KOD0917	Sitkinak Strait, southwest entrance	15	0.24	7	13	28	1	0.09	0.04	7/14/2009 1:24	8/26/2009 22:42
KOD0917	Sitkinak Strait, southwest entrance	81	0.21	8	9	21	0	0.03	0.04	7/14/2009 1:24	8/26/2009 22:42
KOD0917	Sitkinak Strait, southwest entrance	48	0.22	11	13	25	1	0.08	0.03	7/14/2009 1:24	8/26/2009 22:42
KOD0918	Cape Trinity	27	0.20	8	10	25	2	0.03	0.02	6/1/2009 1:00	7/28/2009 3:59
KOD0918	Cape Trinity	185	0.21	9	5	25	1	0.06	0.01	6/1/2009 1:00	7/28/2009 3:59
KOD0918	Cape Trinity	106	0.18	11	1	11	1	0.03	0.01	6/1/2009 1:00	7/28/2009 3:59
KOD0919	Russian Harbor	93	0.26	2	8	19	5	0.08	0.04	5/31/2009 23:54	8/27/2009 1:48
KOD0919	Russian Harbor	54	0.26	5	7	17	6	0.08	0.03	5/31/2009 23:54	8/27/2009 1:48
KOD0919	Russian Harbor	14	0.29	17	7	28	10	0.04	0.01	5/31/2009 23:54	8/27/2009 1:48
KOD0920	Approach to Alitak Bay	17	0.09	3	19	43	26	0.03	0.04	6/1/2009 21:54	7/14/2009 20:36
KOD0920	Approach to Alitak Bay	56	0.06	23	1	4	11	0.02	0.01	6/1/2009 21:54	7/14/2009 20:36
KOD0920	Approach to Alitak Bay	89	0.06	13	4	1	41	0.00	0.00	6/1/2009 21:54	7/14/2009 20:36
KOD0921	Cape Ikolik, Shelikof Strait	112	0.18	14	7	6	1	0.05	0.03	6/2/2009 2:48	7/15/2009 1:24
KOD0921	Cape Ikolik, Shelikof Strait	27	0.23	17	11	3	2	0.08	0.03	6/2/2009 2:48	7/15/2009 1:24
KOD0921	Cape Ikolik, Shelikof Strait	197	0.18	11	7	1	8	0.02	0.01	6/2/2009 2:48	7/15/2009 1:24

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
KOD0922	Cape Grant, Shelikof Strait	164	0.15	19	5	16	0	0.05	0.03	6/2/2009 17:36	7/15/2009 2:54
KOD0922	Cape Grant, Shelikof Strait	26	0.21	4	10	3	2	0.07	0.03	6/2/2009 17:36	7/15/2009 2:54
KOD0922	Cape Grant, Shelikof Strait	98	0.17	7	4	8	1	0.04	0.02	6/2/2009 17:36	7/15/2009 2:54
KOD0923	Uyak Anchorage, Uyak Bay	56	0.22	25	27	n/a	7	0.15	n/a	6/3/2009 1:18	7/15/2009 21:36
KOD0923	Uyak Anchorage, Uyak Bay	14	0.20	67	38	18	104	0.14	0.19	6/3/2009 1:18	7/15/2009 21:36
KOD0923	Uyak Anchorage, Uyak Bay	33	0.20	103	50	45	49	0.12	0.19	6/3/2009 1:18	7/15/2009 21:36
KOD0924	Larsen Bay, Uyak Bay	14	0.12	0	2	2	1	0.07	0.05	6/3/2009 2:42	7/15/2009 23:00
KOD0924	Larsen Bay, Uyak Bay	33	0.14	5	4	1	1	0.06	0.05	6/3/2009 2:42	7/15/2009 23:00
KOD0924	Larsen Bay, Uyak Bay	7	0.13	1	1	2	2	0.06	0.05	6/3/2009 2:42	7/15/2009 23:00
KOD0925	Cape Kuliuk, Shelikof Strait	97	0.19	11	1	4	1	0.02	0.02	6/2/2009 23:36	7/16/2009 21:48
KOD0925	Cape Kuliuk, Shelikof Strait	169	0.20	6	10	1	10	0.01	0.01	6/2/2009 23:36	7/16/2009 21:48
KOD0925	Cape Kuliuk, Shelikof Strait	25	0.18	1	8	18	4	0.01	0.01	6/2/2009 23:36	7/16/2009 21:48
KOD0926	Steep Cape, Shelikof Strait	23	0.22	64	43	n/a	16	0.04	n/a	6/3/2009 23:36	8/30/2009 1:06
KOD0928	2.5nm east of Outlet Cape	19	0.24	2	10	4	3	n/a	0.29	7/17/2009 3:30	9/1/2009 18:06
KOD0928	2.5nm east of Outlet Cape	91	0.12	22	9	3	3	0.02	0.06	7/17/2009 3:30	9/1/2009 18:06
KOD0928	2.5nm east of Outlet Cape	156	0.11	3	11	2	1	0.06	0.04	7/17/2009 3:30	9/1/2009 18:06
KOD0929	Chernof Point, 0.8mile off	71	0.25	7	3	17	10	0.01	0.10	7/22/2009 4:48	9/1/2009 20:54
KOD0929	Chernof Point, 0.8mile off	41	0.28	8	7	11	11	0.01	0.07	7/22/2009 4:48	9/1/2009 20:54
KOD0929	Chernof Point, 0.8mile off	15	0.31	7	8	17	12	0.02	0.06	7/22/2009 4:48	9/1/2009 20:54
KOD0930	Whale Passage, Northwest Entrance	18	0.41	7	4	15	11	0.01	0.13	7/22/2009 15:48	9/1/2009 20:54
KOD0930	Whale Passage, Northwest Entrance	50	0.39	9	8	19	11	0.07	0.07	7/22/2009 15:48	9/1/2009 20:54
KOD0930	Whale Passage, Northwest Entrance	83	0.34	8	9	18	11	0.06	0.05	7/22/2009 15:48	9/1/2009 20:54
KOD0931	Whale Passage, off Bird Point	73	0.30	6	9	11	13	0.04	0.02	7/17/2009 17:24	9/2/2009 2:24
KOD0931	Whale Passage, off Bird Point	43	0.33	7	10	11	12	0.05	0.02	7/17/2009 17:24	9/2/2009 2:24
KOD0931	Whale Passage, off Bird Point	14	0.37	8	11	13	11	0.04	0.00	7/17/2009 17:24	9/2/2009 2:24
KOD0932	Shag Rocks	169	0.50	19	1	10	11	0.03	0.15	7/17/2009 17:54	9/2/2009 1:00
KOD0932	Shag Rocks	24	0.49	1	4	32	1	0.06	0.12	7/17/2009 17:54	9/2/2009 1:00
KOD0932	Shag Rocks	97	0.47	1	7	22	16	0.01	0.10	7/17/2009 17:54	9/2/2009 1:00
KOD0933	Narrow Strait, off Ouzinkie Point	51	0.19	14	15	10	11	0.03	0.09	7/17/2009 20:12	9/1/2009 23:30
KOD0933	Narrow Strait, off Ouzinkie Point	12	0.22	21	7	13	5	0.03	0.09	7/17/2009 20:12	9/1/2009 23:30

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
KOD0933	Narrow Strait, off Ouzinkie Point	84	0.17	19	17	8	7	0.01	0.07	7/17/2009 20:12	9/1/2009 23:30
KOD0934	Afognak Strait, East Entrance	57	0.26	5	6	8	5	0.07	0.04	7/17/2009 18:54	9/1/2009 1:30
KOD0934	Afognak Strait, East Entrance	97	0.26	1	10	11	0	0.07	0.04	7/17/2009 18:54	9/1/2009 1:30
KOD0934	Afognak Strait, East Entrance	11	0.29	32	17	8	6	0.07	0.02	7/17/2009 18:54	9/1/2009 1:30
KOD0935	Raspberry Strait, south of Muskomee Bay	25	0.14	6	1	5	10	0.10	0.14	7/21/2009 21:06	8/29/2009 23:06
KOD0935	Raspberry Strait, south of Muskomee Bay	169	0.15	10	27	14	15	0.12	0.11	7/21/2009 21:06	8/29/2009 23:06
KOD0936	Black Cape, Shelikof Strait	16	0.28	10	19	10	35	0.13	0.03	7/20/2009 23:24	8/30/2009 17:42
KOD0936	Black Cape, Shelikof Strait	55	0.24	5	10	3	33	0.12	0.01	7/20/2009 23:24	8/30/2009 17:42
KOD0937	Alligator Island, Shelikof Strait	15	0.24	41	29	52	25	0.08	0.07	7/20/2009 22:30	8/30/2009 18:30
KOD0938	Lighthouse Point, Shuyak Island	70	0.15	5	23	23	47	0.12	0.05	7/20/2009 21:30	8/31/2009 0:29
KOD0939	Cape Current Narrows, Shuyak Strait	14	0.46	19	6	27	9	0.08	0.01	7/20/2009 20:12	8/31/2009 2:23
KOD0939	Cape Current Narrows, Shuyak Strait	57	0.40	17	5	25	8	0.06	0.01	7/20/2009 20:12	8/31/2009 2:23
KOD0939	Cape Current Narrows, Shuyak Strait	99	0.32	16	4	28	10	0.05	0.01	7/20/2009 20:12	8/31/2009 2:23
KOD0940	East Shuyak Strait Entrance	25	0.21	22	53	36	41	0.05	0.02	7/20/2009 0:00	8/31/2009 2:17
KOD0941	Tonki Cape, east of	26	0.21	4	7	3	6	0.01	0.07	7/19/2009 0:24	8/31/2009 19:12
KOD0941	Tonki Cape, east of	138	0.16	2	6	2	1	0.13	0.04	7/19/2009 0:24	8/31/2009 19:12
KOD0941	Tonki Cape, east of	85	0.15	0	11	0	2	0.08	0.01	7/19/2009 0:24	8/31/2009 19:12
KOD0942	Marmot Island, west of	24	0.23	2	4	2	2	0.02	0.05	7/18/2009 23:12	8/31/2009 20:36
KOD0942	Marmot Island, west of	97	0.19	3	4	6	1	0.01	0.04	7/18/2009 23:12	8/31/2009 20:36
KOD0942	Marmot Island, west of	169	0.17	1	5	1	3	0.00	0.04	7/18/2009 23:12	8/31/2009 20:36
KOD0943	Marmot Island, southwest of	180	0.16	11	14	18	4	0.03	0.07	7/18/2009 22:06	8/31/2009 21:47
KOD0943	Marmot Island, southwest of	101	0.15	4	7	14	1	0.03	0.01	7/18/2009 22:06	8/31/2009 21:47
KOD0943	Marmot Island, southwest of	22	0.18	1	4	1	5	0.05	0.01	7/18/2009 22:06	8/31/2009 21:47
KOD0944	North of Perevalnie Island, Shuyak Island	20	0.31	6	7	4	2	0.10	0.05	7/19/2009 19:42	8/30/2009 21:24
KOD0944	North of Perevalnie Island, Shuyak Island	144	0.23	1	11	3	5	0.03	0.03	7/19/2009 19:42	8/30/2009 21:24
KOD0944	North of Perevalnie Island, Shuyak Island	85	0.23	7	8	3	4	0.06	0.00	7/19/2009 19:42	8/30/2009 21:24
lb0101	Queens Gate	35	0.14	n/a	n/a	n/a	n/a	n/a	n/a	3/1/2003 0:35	8/19/2003 7:47
lc0201	Cameron Fishing Pier	399	0.93	n/a	n/a	n/a	n/a	n/a	n/a	9/18/2009 15:10	2/28/2010 23:55
LIS1001	The Race	6	0.24	1	2	1	1	0.25	0.29	4/28/2010 7:05	9/2/2010 21:41
LIS1001	The Race	25	0.19	1	4	2	1	0.26	0.18	4/28/2010 7:05	9/2/2010 21:41

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
LIS1001	The Race	45	0.17	0	2	1	2	0.23	0.09	4/28/2010 7:05	9/2/2010 21:41
LIS1002	Wicopesset island, NE of	25	0.12	5	1	2	4	0.04	0.08	4/27/2010 19:06	6/8/2010 17:18
LIS1002	Wicopesset island, NE of	8	0.16	5	1	5	3	0.06	0.06	4/27/2010 19:06	6/8/2010 17:18
LIS1002	Wicopesset island, NE of	44	0.10	5	1	3	3	0.04	0.06	4/27/2010 19:06	6/8/2010 17:18
LIS1003	Thames River Approach	35	0.09	16	7	0	1	0.01	0.02	4/27/2010 17:36	6/8/2010 15:59
LIS1003	Thames River Approach	5	0.13	10	9	10	6	0.02	0.00	4/27/2010 17:36	6/8/2010 15:59
LIS1003	Thames River Approach	15	0.10	2	8	6	4	0.00	0.00	4/27/2010 17:36	6/8/2010 15:59
LIS1004	New London Harbor entrance	15	0.09	4	62	71	28	0.03	0.17	4/28/2010 10:54	6/8/2010 14:48
LIS1004	New London Harbor entrance	31	0.11	14	42	12	7	0.07	0.14	4/28/2010 10:54	6/8/2010 14:48
LIS1004	New London Harbor entrance	2	0.15	9	16	8	13	0.04	0.07	4/28/2010 10:54	6/8/2010 14:48
LIS1005	Fort Trumbull State Park	31	0.09	13	10	20	20	0.02	0.13	4/28/2010 11:36	6/8/2010 14:23
LIS1005	Fort Trumbull State Park	14	0.08	22	4	13	10	0.01	0.12	4/28/2010 11:36	6/8/2010 14:23
LIS1005	Fort Trumbull State Park	5	0.10	4	6	17	0	0.05	0.05	4/28/2010 11:36	6/8/2010 14:23
LIS1006	New London State Pier	57	0.11	0	3	12	17	0.02	0.02	4/28/2010 12:06	6/8/2010 15:23
LIS1006	New London State Pier	31	0.09	17	1	1	2	0.03	0.02	4/28/2010 12:06	6/8/2010 15:23
LIS1006	New London State Pier	14	0.09	20	2	16	2	0.01	0.00	4/28/2010 12:06	6/8/2010 15:23
LIS1007	U.S. Coast Guard Academy	9	0.10	11	1	10	5	0.01	0.03	4/28/2010 12:36	6/8/2010 13:47
LIS1007	U.S. Coast Guard Academy	32	0.07	8	24	1	2	0.01	0.01	4/28/2010 12:36	6/8/2010 13:47
LIS1007	U.S. Coast Guard Academy	16	0.08	13	13	20	7	0.02	0.00	4/28/2010 12:36	6/8/2010 13:47
LIS1008	Smith Cove	31	0.08	14	7	2	51	0.01	0.02	4/28/2010 13:12	6/8/2010 12:30
LIS1008	Smith Cove	14	0.10	1	1	5	1	0.01	0.01	4/28/2010 13:12	6/8/2010 12:30
LIS1008	Smith Cove	5	0.14	12	2	0	10	0.00	0.01	4/28/2010 13:12	6/8/2010 12:30
LIS1009	Allyn Point	19	0.15	45	5	10	13	0.03	0.04	4/28/2010 14:00	6/8/2010 11:54
LIS1009	Allyn Point	12	0.17	34	4	2	2	0.01	0.02	4/28/2010 14:00	6/8/2010 11:54
LIS1009	Allyn Point	4	0.18	17	46	25	42	0.06	0.02	4/28/2010 14:00	6/8/2010 11:54
LIS1010	Great Gull Island, SW of	16	0.19	7	2	2	2	0.10	0.09	4/27/2010 20:54	6/8/2010 19:06
LIS1010	Great Gull Island, SW of	29	0.14	5	3	4	1	0.06	0.08	4/27/2010 20:54	6/8/2010 19:06
LIS1010	Great Gull Island, SW of	3	0.28	7	2	1	4	0.10	0.07	4/27/2010 20:54	6/8/2010 19:06
LIS1011	Plum Island, 3nm. North of, Buoy PI	20	0.23	1	1	7	1	0.15	0.10	4/27/2010 15:24	6/9/2010 12:30
LIS1011	Plum Island, 3nm. North of, Buoy PI	131	0.20	2	5	10	1	0.05	0.07	4/27/2010 15:24	6/9/2010 12:30

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
LIS1011	Plum Island, 3nm. North of, Buoy PI	79	0.16	6	3	2	3	0.08	0.07	4/27/2010 15:24	6/9/2010 12:30
LIS1012	Plum Gut	25	0.31	23	5	16	2	0.10	0.16	4/27/2010 14:24	6/8/2010 10:54
LIS1012	Plum Gut	99	0.31	17	2	8	2	0.15	0.08	4/27/2010 14:24	6/8/2010 10:54
LIS1012	Plum Gut	158	0.28	12	1	21	1	0.13	0.06	4/27/2010 14:24	6/8/2010 10:54
LIS1013	Saybrook Breakwater Light	19	0.12	2	1	8	5	0.05	0.04	4/27/2010 12:30	6/9/2010 18:18
LIS1013	Saybrook Breakwater Light	14	0.13	1	2	7	5	0.05	0.04	4/27/2010 12:30	6/9/2010 18:18
LIS1013	Saybrook Breakwater Light	5	0.15	7	0	13	5	0.03	0.01	4/27/2010 12:30	6/9/2010 18:18
LIS1014	I-95 Bridge	23	0.19	3	8	6	3	0.05	0.15	6/9/2010 14:30	7/26/2010 18:24
LIS1014	I-95 Bridge	14	0.18	17	0	5	1	0.01	0.03	6/9/2010 14:30	7/26/2010 18:24
LIS1014	I-95 Bridge	3	0.19	3	1	7	1	0.01	0.02	6/9/2010 14:30	7/26/2010 18:24
LIS1015	Saybrook Channel	2	0.18	11	5	8	2	0.10	0.23	6/9/2010 15:30	7/26/2010 17:36
LIS1015	Saybrook Channel	13	0.15	14	4	14	1	0.01	0.14	6/9/2010 15:30	7/26/2010 17:36
LIS1016	Cornfield Point, 4 miles south of, Buoy CF	71	0.12	7	2	7	2	0.04	0.01	6/9/2010 20:18	7/27/2010 18:18
LIS1016	Cornfield Point, 4 miles south of, Buoy CF	19	0.15	2	2	2	0	0.01	0.01	6/9/2010 20:18	7/27/2010 18:18
LIS1016	Cornfield Point, 4 miles south of, Buoy CF	124	0.12	7	4	9	1	0.01	0.00	6/9/2010 20:18	7/27/2010 18:18
LIS1017	Six Mile Reef, 2 miles south of, Buoy TE	49	0.10	2	1	2	0	0.00	0.01	6/15/2010 15:30	7/26/2010 23:11
LIS1017	Six Mile Reef, 2 miles south of, Buoy TE	88	0.08	2	1	11	0	0.00	0.01	6/15/2010 15:30	7/26/2010 23:11
LIS1017	Six Mile Reef, 2 miles south of, Buoy TE	16	0.20	2	1	3	1	0.02	0.00	6/15/2010 15:30	7/26/2010 23:11
LIS1018	Six mile Reef, 1 mile south of	15	0.12	4	1	10	0	0.02	0.01	6/10/2010 17:42	7/26/2010 22:05
LIS1018	Six mile Reef, 1 mile south of	35	0.09	3	1	8	1	0.02	0.00	6/10/2010 17:42	7/26/2010 22:05
LIS1018	Six mile Reef, 1 mile south of	58	0.09	7	2	11	1	0.00	0.00	6/10/2010 17:42	7/26/2010 22:05
LIS1019	Six Mile Reef, 1 mile west of	13	0.12	1	2	19	2	0.16	0.12	6/10/2010 17:06	7/27/2010 0:24
LIS1019	Six Mile Reef, 1 mile west of	26	0.11	0	0	17	1	0.14	0.12	6/10/2010 17:06	7/27/2010 0:24
LIS1019	Six Mile Reef, 1 mile west of	36	0.09	4	1	8	1	0.12	0.09	6/10/2010 17:06	7/27/2010 0:24

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LIS1020	Roanoke Point, 2 miles NE of	39	0.12	6	1	3	1	0.03	0.03	6/9/2010 22:45	7/27/2010 15:15
LIS1020	Roanoke Point, 2 miles NE of	16	0.13	5	3	2	2	0.03	0.03	6/9/2010 22:45	7/27/2010 15:15
LIS1020	Roanoke Point, 2 miles NE of	62	0.11	26	1	3	1	0.04	0.01	6/9/2010 22:45	7/27/2010 15:15
LIS1021	Branford Reef, 5.0 miles south of	39	0.09	2	0	1	1	0.02	0.01	6/10/2010 15:30	7/27/2010 13:36
LIS1021	Branford Reef, 5.0 miles south of	6	0.15	4	0	0	2	0.02	0.01	6/10/2010 15:30	7/27/2010 13:36
LIS1021	Branford Reef, 5.0 miles south of	69	0.06	8	1	4	2	0.00	0.00	6/10/2010 15:30	7/27/2010 13:36
LIS1022	New Haven Harbor, Tanker Terminal	21	0.08	11	13	1	4	0.08	0.06	6/10/2010 11:48	7/27/2010 11:18
LIS1022	New Haven Harbor, Tanker Terminal	11	0.10	2	3	1	0	0.07	0.02	6/10/2010 11:48	7/27/2010 11:18
LIS1023	New Haven Harbor entrance	14	0.10	7	1	2	1	0.02	0.01	6/10/2010 10:54	7/27/2010 12:18
LIS1023	New Haven Harbor entrance	4	0.11	4	2	2	1	0.03	0.01	6/10/2010 10:54	7/27/2010 12:18
LIS1023	New Haven Harbor entrance	31	0.10	8	2	2	1	0.01	0.00	6/10/2010 10:54	7/27/2010 12:18
LIS1024	New Haven Harbor, Gateway Terminal Approach	31	0.11	45	17	11	22	0.02	0.10	6/10/2010 11:30	7/27/2010 10:42
LIS1024	New Haven Harbor, Gateway Terminal Approach	18	0.11	10	10	31	15	0.01	0.09	6/10/2010 11:30	7/27/2010 10:42
LIS1024	New Haven Harbor, Gateway Terminal Approach	8	0.10	10	1	7	1	0.06	0.07	6/10/2010 11:30	7/27/2010 10:42
LIS1025	Port Jefferson Harbor entrance	3	0.13	4	6	1	4	0.05	0.06	7/28/2010 23:00	9/2/2010 15:54
LIS1025	Port Jefferson Harbor entrance	15	0.11	7	5	5	4	0.05	0.05	7/28/2010 23:00	9/2/2010 15:54
LIS1025	Port Jefferson Harbor entrance	31	0.11	7	4	6	2	0.05	0.04	7/28/2010 23:00	9/2/2010 15:54
LIS1026	Stratford Point, 3.5 miles south of	43	0.09	4	8	10	5	0.02	0.01	7/29/2010 0:24	9/2/2010 11:24
LIS1026	Stratford Point, 3.5 miles south of	6	0.16	3	2	6	2	0.02	0.01	7/29/2010 0:24	9/2/2010 11:24
LIS1026	Stratford Point, 3.5 miles south of	16	0.13	6	3	7	3	0.02	0.00	7/29/2010 0:24	9/2/2010 11:24
LIS1027	Stratford Shoal, 2 miles south of	22	0.14	8	5	12	7	0.01	0.01	7/28/2010 23:42	9/2/2010 14:06
LIS1027	Stratford Shoal, 2 miles south of	68	0.14	3	6	4	9	0.00	0.01	7/28/2010 23:42	9/2/2010 14:06
LIS1027	Stratford Shoal, 2 miles south of	114	0.15	2	5	1	11	0.03	0.01	7/28/2010 23:42	9/2/2010 14:06
LIS1028	Bridgeport Harbor, Tongue Point	15	0.07	29	n/a	n/a	87	0.04	n/a	7/28/2010 0:18	9/2/2010 11:05
LIS1028	Bridgeport Harbor, Tongue Point	30	0.09	23	95	7	n/a	0.10	0.14	7/28/2010 0:18	9/2/2010 11:05
LIS1029	Bridgeport Harbor Entrance	5	0.12	5	1	1	1	0.01	0.01	7/27/2010 23:36	9/2/2010 0:00
LIS1029	Bridgeport Harbor Entrance	31	0.06	1	8	4	6	0.01	0.01	7/27/2010 23:36	9/2/2010 0:00
LIS1029	Bridgeport Harbor Entrance	15	0.08	2	4	5	2	0.00	0.00	7/27/2010 23:36	9/2/2010 0:00

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
LIS1030	Eatons Neck, 2.5 miles east of	18	0.10	0	6	1	5	0.01	0.01	7/28/2010 21:24	9/1/2010 21:30
LIS1030	Eatons Neck, 2.5 miles east of	5	0.16	2	2	3	4	0.01	0.00	7/28/2010 21:24	9/1/2010 21:30
LIS1030	Eatons Neck, 2.5 miles east of	41	0.07	2	12	8	12	0.00	0.00	7/28/2010 21:24	9/1/2010 21:30
LIS1031	Norwalk Harbor	2	0.06	4	3	8	1	0.01	0.02	7/28/2010 14:54	9/1/2010 20:00
LIS1031	Norwalk Harbor	11	0.07	4	3	2	1	0.01	0.02	7/28/2010 14:54	9/1/2010 20:00
LIS1032	Eatons Neck, 3 miles north of	92	0.13	45	11	8	0	0.15	0.05	7/28/2010 14:00	9/1/2010 18:54
LIS1032	Eatons Neck, 3 miles north of	49	0.11	1	5	1	2	0.00	0.04	7/28/2010 14:00	9/1/2010 18:54
LIS1032	Eatons Neck, 3 miles north of	10	0.13	4	2	2	1	0.01	0.01	7/28/2010 14:00	9/1/2010 18:54
LIS1033	The Cows, 2 miles SE of	47	0.11	2	8	1	1	0.01	0.03	7/30/2010 5:00	9/1/2010 17:53
LIS1033	The Cows, 2 miles SE of	86	0.11	0	6	4	3	0.02	0.02	7/30/2010 5:00	9/1/2010 17:53
LIS1033	The Cows, 2 miles SE of	14	0.11	7	7	9	2	0.02	0.02	7/30/2010 5:00	9/1/2010 17:53
LIS1034	Stamford Harbor entrance	3	0.09	4	8	39	3	0.01	0.03	7/28/2010 16:36	9/1/2010 15:18
LIS1034	Stamford Harbor entrance	14	0.08	1	1	21	4	0.00	0.01	7/28/2010 16:36	9/1/2010 15:18
LIS1035	Matinecock Point, 1.7 miles northwest of	30	0.10	7	7	18	7	0.02	0.03	7/28/2010 17:48	9/1/2010 13:42
LIS1035	Matinecock Point, 1.7 miles northwest of	46	0.08	8	2	7	7	0.02	0.02	7/28/2010 17:48	9/1/2010 13:42
LIS1035	Matinecock Point, 1.7 miles northwest of	10	0.10	2	8	0	1	0.02	0.01	7/28/2010 17:48	9/1/2010 13:42
LIS1036	Execution Rocks	11	0.12	7	4	20	7	0.00	0.02	7/28/2010 18:36	9/1/2010 12:54
LIS1036	Execution Rocks	50	0.12	9	4	36	8	0.01	0.01	7/28/2010 18:36	9/1/2010 12:54
LIS1036	Execution Rocks	96	0.13	2	4	27	6	0.00	0.00	7/28/2010 18:36	9/1/2010 12:54
LIS1037	Hart Island, southeast of	13	0.12	73	11	17	3	0.11	0.02	7/28/2010 19:06	9/1/2010 11:48
LIS1037	Hart Island, southeast of	59	0.14	21	4	12	20	0.01	0.02	7/28/2010 19:06	9/1/2010 11:48
LIS1037	Hart Island, southeast of	98	0.16	2	2	1	25	0.03	0.01	7/28/2010 19:06	9/1/2010 11:48
LIS1038	Throgs Neck Bridge	14	0.16	2	4	5	8	0.02	0.05	5/27/2010 23:59	9/1/2010 10:59
LIS1038	Throgs Neck Bridge	36	0.15	1	7	2	7	0.03	0.04	5/27/2010 23:59	9/1/2010 10:59
LIS1038	Throgs Neck Bridge	59	0.14	1	2	0	9	0.02	0.01	5/27/2010 23:59	9/1/2010 10:59
LWI0901	Lake Worth Inlet Entrance	5	0.15	2	4	3	2	0.07	0.08	12/17/2008 21:44	1/19/2009 17:44
LWI0901	Lake Worth Inlet Entrance	15	0.13	2	2	2	2	0.07	0.08	12/17/2008 21:44	1/19/2009 17:44
LWI0901	Lake Worth Inlet Entrance	28	0.11	4	2	4	2	0.06	0.06	12/17/2008 21:44	1/19/2009 17:44
LWI0904	North Turning Basin	3	0.09	0	1	10	1	0.05	0.03	11/23/2008 15:02	1/19/2009 15:12
LWI0904	North Turning Basin	8	0.08	1	1	10	0	0.05	0.03	11/23/2008 15:02	1/19/2009 15:12

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
MIH0802	South Jetty	9	0.18	4	4	6	5	0.12	0.10	5/11/2008 22:30	6/17/2008 12:17
MIH0802	South Jetty	15	0.17	4	4	6	5	0.12	0.10	5/11/2008 22:30	6/17/2008 12:17
MIH0802	South Jetty	38	0.13	10	3	11	5	0.07	0.08	5/11/2008 22:30	6/17/2008 12:17
MIH0804	West entrance, south side	4	0.23	5	2	2	0	0.11	0.04	4/3/2008 19:18	5/8/2008 17:12
MIH0804	West entrance, south side	14	0.23	1	3	3	2	0.10	0.03	4/3/2008 19:18	5/8/2008 17:12
MIH0804	West entrance, south side	34	0.18	17	5	4	3	0.06	0.01	4/3/2008 19:18	5/8/2008 17:12
MIH0805	Fisher Island Turning Basin	16	0.16	5	11	5	6	0.12	0.18	5/10/2008 6:12	5/28/2008 19:00
MIH0805	Fisher Island Turning Basin	9	0.18	4	11	14	1	0.11	0.17	5/10/2008 6:12	5/28/2008 19:00
MIH0805	Fisher Island Turning Basin	36	0.13	2	10	17	11	0.10	0.15	5/10/2008 6:12	5/28/2008 19:00
MIH0806	Pilot House	14	0.23	27	7	23	1	0.04	0.01	4/7/2008 0:00	5/7/2008 16:36
MIH0806	Pilot House	31	0.24	23	3	19	4	0.01	0.01	4/7/2008 0:00	5/7/2008 16:36
MIH0806	Pilot House	5	0.24	36	n/a	8	7	0.03	0.00	4/7/2008 0:00	5/7/2008 16:36
MIH0807	Norris Cut	34	0.12	2	6	9	5	0.03	0.05	5/9/2008 15:18	6/18/2008 11:05
MIH0807	Norris Cut	14	0.14	0	11	3	5	0.04	0.03	5/9/2008 15:18	6/18/2008 11:05
MIH0807	Norris Cut	7	0.15	3	11	6	5	0.04	0.02	5/9/2008 15:18	6/18/2008 11:05
MIH0808	Main Ship Channel	16	0.11	4	0	3	2	0.00	0.04	4/3/2008 15:30	5/7/2008 17:30
MIH0808	Main Ship Channel	6	0.11	5	1	4	1	0.01	0.03	4/3/2008 15:30	5/7/2008 17:30
MIH0808	Main Ship Channel	33	0.10	11	2	4	4	0.01	0.01	4/3/2008 15:30	5/7/2008 17:30
MIH0809	Lummus Island, SW corner	4	0.13	8	8	10	10	0.06	0.10	5/13/2008 23:24	5/28/2008 23:24
MIH0809	Lummus Island, SW corner	14	0.10	2	8	7	5	0.08	0.08	5/13/2008 23:24	5/28/2008 23:24
MIH0810	Lummus Island Turning Basin	7	0.10	2	10	17	10	0.08	0.02	5/9/2008 16:30	6/17/2008 14:18
MIH0810	Lummus Island Turning Basin	34	0.10	11	25	16	17	0.06	0.02	5/9/2008 16:30	6/17/2008 14:18
MIH0810	Lummus Island Turning Basin	14	0.09	2	18	1	5	0.04	0.01	5/9/2008 16:30	6/17/2008 14:18
MIH0811	Dodge Island Cut, west end	15	0.07	n/a	n/a	n/a	n/a	n/a	n/a	5/8/2008 22:36	6/17/2008 14:36
MIH0811	Dodge Island Cut, west end	5	0.08	n/a	n/a	n/a	n/a	n/a	n/a	5/8/2008 22:36	6/17/2008 14:36
MIH0811	Dodge Island Cut, west end	28	0.08	7	n/a	5	n/a	0.02	0.02	5/8/2008 22:36	6/17/2008 14:36
MIH0812	Dodge Island, SE Turning Basin	14	0.10	11	4	4	4	0.00	0.03	5/8/2008 22:12	6/13/2008 10:23
MIH0812	Dodge Island, SE Turning Basin	4	0.12	13	5	2	11	0.08	0.03	5/8/2008 22:12	6/13/2008 10:23
MIH0812	Dodge Island, SE Turning Basin	30	0.11	n/a	4	23	18	n/a	0.03	5/8/2008 22:12	6/13/2008 10:23
MIH0813	Dodge Island, NW Turning Basin	7	0.10	10	10	19	7	0.02	0.02	5/9/2008 14:42	6/17/2008 19:48

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MIH0813	Dodge Island, NW Turning Basin	17	0.08	2	4	16	1	0.01	0.02	5/9/2008 14:42	6/17/2008 19:48
MIH0814	Miami River Entrance	12	0.15	2	8	0	6	0.03	0.10	4/3/2008 14:42	5/7/2008 12:36
MIH0814	Miami River Entrance	2	0.11	0	0	6	2	0.00	0.00	4/3/2008 14:42	5/7/2008 12:36
MIH0901	Miami Harbor Entrance	15	0.23	4	1	1	1	0.12	0.12	11/15/2008 20:05	3/18/2009 11:54
MIH0901	Miami Harbor Entrance	8	0.23	4	1	1	1	0.12	0.11	11/15/2008 20:05	3/18/2009 11:54
MIH0901	Miami Harbor Entrance	22	0.23	4	1	3	0	0.13	0.11	11/15/2008 20:05	3/18/2009 11:54
MIH0901	Miami Harbor Entrance	35	0.20	0	1	5	0	0.10	0.09	11/15/2008 20:05	3/18/2009 11:54
MOB1101	Mobile Bay Entrance, off Mobile Point	11	0.63	n/a	n/a	n/a	n/a	0.39	0.40	11/11/2010 5:53	2/6/2011 22:47
MOB1101	Mobile Bay Entrance, off Mobile Point	25	0.51	n/a	n/a	n/a	n/a	0.22	0.37	11/11/2010 5:53	2/6/2011 22:47
MOB1101	Mobile Bay Entrance, off Mobile Point	41	0.37	n/a	n/a	n/a	n/a	0.14	0.23	11/11/2010 5:53	2/6/2011 22:47
MOB1104	Petit Bois Island, Dauphin Island, between	5	0.25	n/a	n/a	n/a	n/a	0.07	0.01	11/16/2010 4:41	2/12/2011 15:05
MOB1105	Horn Island, Petit Bois Island, between	7	0.21	n/a	n/a	n/a	n/a	0.08	0.01	11/5/2010 19:00	2/9/2011 18:18
MOB1106	Dauphin Island Causeway	7	0.66	n/a	n/a	n/a	n/a	0.35	0.09	12/7/2010 17:45	2/6/2011 23:12
nb0101	Providence	11	0.10	n/a	n/a	n/a	n/a	n/a	n/a	7/25/2000 15:14	12/31/2000 23:58
nb0101	Providence	31	0.07	n/a	n/a	n/a	n/a	n/a	n/a	7/25/2000 15:14	12/31/2000 23:58
nb0201	Fall River	13	0.20	n/a	n/a	n/a	n/a	n/a	n/a	10/7/2009 0:03	4/6/2010 11:15
nb0201	Fall River	30	0.20	n/a	n/a	n/a	n/a	n/a	n/a	10/7/2009 0:03	4/6/2010 11:15
nb0301	Quonset Point	12	0.12	n/a	n/a	n/a	n/a	n/a	n/a	10/15/2009 0:04	4/6/2010 12:13
PEB0604	Snub Point, Penobscot River	7	0.24	23	1	14	14	0.03	0.17	7/14/2006 13:54	8/22/2006 14:41
PEB0604	Snub Point, Penobscot River	17	0.25	25	2	1	7	0.05	0.03	7/14/2006 13:54	8/22/2006 14:41
PEB0604	Snub Point, Penobscot River	26	0.26	25	30	16	31	0.00	0.02	7/14/2006 13:54	8/22/2006 14:41
PEB0605	Winterport, Penobscot River	7	0.28	4	5	21	8	0.03	0.18	8/23/2006 12:18	9/28/2006 14:42
PEB0605	Winterport, Penobscot River	14	0.25	14	10	2	5	0.09	0.01	8/23/2006 12:18	9/28/2006 14:42
PEB0606	Frankfort Flats at Marsh River, Penobscot River	11	0.21	1	4	32	5	0.04	0.08	8/23/2006 12:36	9/28/2006 13:06
PEB0607	Bucksport, Penobscot River	45	0.28	11	0	17	5	0.03	0.06	7/14/2006 16:32	8/22/2006 12:20

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PEB0607	Bucksport, Penobscot River	32	0.29	7	1	18	5	0.05	0.04	7/14/2006 16:32	8/22/2006 12:20
PEB0607	Bucksport, Penobscot River	12	0.29	2	2	2	4	0.02	0.02	7/14/2006 16:32	8/22/2006 12:20
PEB0608	Penobscot Narrows Bridge	13	0.39	2	7	8	13	0.06	0.22	8/23/2006 13:18	9/28/2006 13:41
PEB0608	Penobscot Narrows Bridge	36	0.31	1	3	3	3	0.10	0.11	8/23/2006 13:18	9/28/2006 13:41
PEB0608	Penobscot Narrows Bridge	26	0.41	4	4	10	4	0.03	0.04	8/23/2006 13:18	9/28/2006 13:41
PEB0609	Odom Ledge, Penobscot River	16	0.22	7	1	4	7	0.03	0.04	7/14/2006 17:18	8/22/2006 11:42
PEB0609	Odom Ledge, Penobscot River	29	0.22	3	5	8	1	0.03	0.01	7/14/2006 17:18	8/22/2006 11:42
PEB0610	Fort Point Ledge, Penobscot Bay	25	0.15	5	3	7	5	0.01	0.03	7/14/2006 18:00	8/22/2006 10:54
PEB0610	Fort Point Ledge, Penobscot Bay	71	0.17	2	4	2	0	0.02	0.02	7/14/2006 18:00	8/22/2006 10:54
PEB0610	Fort Point Ledge, Penobscot Bay	45	0.17	5	4	3	1	0.02	0.01	7/14/2006 18:00	8/22/2006 10:54
PEB0611	Hosmer Ledge, Castine Harbor	52	0.11	1	4	10	1	0.04	0.06	8/22/2006 20:12	9/28/2006 18:12
PEB0611	Hosmer Ledge, Castine Harbor	33	0.14	4	1	9	2	0.02	0.04	8/22/2006 20:12	9/28/2006 18:12
PEB0611	Hosmer Ledge, Castine Harbor	13	0.11	3	2	8	5	0.02	0.03	8/22/2006 20:12	9/28/2006 18:12
PEV0901	Port Everglades Entrance	16	0.11	3	1	2	0	0.02	0.03	11/15/2008 23:25	3/18/2009 15:45
PEV0901	Port Everglades Entrance	9	0.12	2	2	4	1	0.00	0.03	11/15/2008 23:25	3/18/2009 15:45
PEV0901	Port Everglades Entrance	22	0.11	1	0	3	1	0.01	0.02	11/15/2008 23:25	3/18/2009 15:45
PEV0901	Port Everglades Entrance	35	0.13	8	1	6	2	0.01	0.00	11/15/2008 23:25	3/18/2009 15:45
PEV0902	Turning Basin	4	0.10	n/a	n/a	1	n/a	n/a	0.01	11/15/2008 23:35	1/22/2009 13:25
PEV0903	17th Street Bridge	6	0.09	8	1	9	0	0.02	0.02	1/22/2009 13:50	3/18/2009 16:00
PEV0903	17th Street Bridge	9	0.08	5	1	5	1	0.02	0.02	1/22/2009 13:50	3/18/2009 16:00
PEV0903	17th Street Bridge	12	0.09	2	1	4	0	0.01	0.01	1/22/2009 13:50	3/18/2009 16:00
PEV0904	South Entrance (ICW)	31	0.09	23	11	21	13	0.01	0.02	1/22/2009 15:30	3/18/2009 20:30
PEV0904	South Entrance (ICW)	5	0.10	17	2	20	16	0.01	0.01	1/22/2009 15:30	3/18/2009 20:30
PEV0904	South Entrance (ICW)	15	0.09	26	13	15	27	0.01	0.00	1/22/2009 15:30	3/18/2009 20:30
PEV0905	South Port, at the terminals	6	0.08	0	15	37	11	0.01	0.01	1/22/2009 15:50	3/18/2009 17:29
PEV0905	South Port, at the terminals	26	0.07	32	22	31	46	0.00	0.01	1/22/2009 15:50	3/18/2009 17:29
PEV0905	South Port, at the terminals	16	0.07	15	10	27	6	0.01	0.00	1/22/2009 15:50	3/18/2009 17:29
PIR0701	Portsmouth Harbor Entrance	25	0.12	3	0	2	1	0.00	0.04	5/9/2007 16:24	7/12/2007 6:06
PIR0701	Portsmouth Harbor Entrance	44	0.14	2	2	11	0	0.02	0.04	5/9/2007 16:24	7/12/2007 6:06
PIR0701	Portsmouth Harbor Entrance	8	0.13	9	2	8	1	0.00	0.03	5/9/2007 16:24	7/12/2007 6:06

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
PIR0702	Fort Point	19	0.16	5	1	7	8	0.07	0.03	5/11/2007 8:00	6/19/2007 13:23
PIR0702	Fort Point	6	0.19	1	1	6	5	0.11	0.03	5/11/2007 8:00	6/19/2007 13:23
PIR0702	Fort Point	39	0.19	5	1	4	5	0.08	0.02	5/11/2007 8:00	6/19/2007 13:23
PIR0703	Little Harbor entrance	12	0.12	2	1	1	3	0.02	0.04	5/9/2007 16:30	6/20/2007 14:48
PIR0703	Little Harbor entrance	3	0.12	7	1	3	4	0.02	0.03	5/9/2007 16:30	6/20/2007 14:48
PIR0704	Henderson Point, west of	32	0.25	1	1	11	1	0.06	0.02	5/9/2007 19:18	6/19/2007 14:30
PIR0704	Henderson Point, west of	59	0.19	8	0	16	0	0.03	0.01	5/9/2007 19:18	6/19/2007 14:30
PIR0704	Henderson Point, west of	10	0.28	4	1	9	1	0.09	0.01	5/9/2007 19:18	6/19/2007 14:30
PIR0705	Memorial Bridge	8	0.21	14	2	3	4	0.11	0.10	6/21/2007 17:36	9/4/2007 8:53
PIR0705	Memorial Bridge	31	0.20	23	2	8	4	0.15	0.09	6/21/2007 17:36	9/4/2007 8:53
PIR0705	Memorial Bridge	58	0.19	19	2	14	4	0.15	0.06	6/21/2007 17:36	9/4/2007 8:53
PIR0706	Sara Long Bridge	33	0.20	23	1	10	2	0.09	0.01	5/11/2007 8:36	6/19/2007 16:36
PIR0706	Sara Long Bridge	6	0.22	25	1	11	1	0.09	0.01	5/11/2007 8:36	6/19/2007 16:36
PIR0706	Sara Long Bridge	19	0.22	24	1	11	2	0.09	0.01	5/11/2007 8:36	6/19/2007 16:36
PIR0707	I-95 Bridge	29	0.31	21	1	19	0	0.16	0.13	5/19/2007 23:06	6/19/2007 15:24
PIR0707	I-95 Bridge	6	0.34	26	0	15	1	0.17	0.13	5/19/2007 23:06	6/19/2007 15:24
PIR0707	I-95 Bridge	48	0.23	21	1	19	0	0.10	0.10	5/19/2007 23:06	6/19/2007 15:24
PIR0708	Schiller Station	9	0.40	33	11	21	1	0.29	0.15	6/22/2007 0:12	7/16/2007 3:35
PIR0708	Schiller Station	29	0.37	34	11	17	2	0.28	0.11	6/22/2007 0:12	7/16/2007 3:35
PIR0708	Schiller Station	52	0.36	29	10	24	3	0.24	0.02	6/22/2007 0:12	7/16/2007 3:35
PIR0709	Frankfort Island, south of	7	0.21	19	1	4	1	0.21	0.20	6/21/2007 15:36	9/17/2007 14:12
PIR0709	Frankfort Island, south of	24	0.20	17	0	8	1	0.20	0.17	6/21/2007 15:36	9/17/2007 14:12
PIR0709	Frankfort Island, south of	37	0.18	10	0	7	2	0.18	0.14	6/21/2007 15:36	9/17/2007 14:12
PIR0710	General Sullivan Bridge	3	0.37	34	1	26	1	0.24	0.37	6/22/2007 13:24	9/25/2007 16:54
PIR0710	General Sullivan Bridge	8	0.34	32	2	28	1	0.21	0.34	6/22/2007 13:24	9/25/2007 16:54
PIR0710	General Sullivan Bridge	15	0.28	31	1	31	1	0.19	0.26	6/22/2007 13:24	9/25/2007 16:54
PIR0711	Furber Strait	4	0.23	3	4	1	2	0.20	0.16	6/21/2007 19:42	8/1/2007 14:23
PIR0711	Furber Strait	14	0.23	2	4	4	3	0.18	0.16	6/21/2007 19:42	8/1/2007 14:23
PIR0711	Furber Strait	25	0.21	2	3	7	3	0.14	0.14	6/21/2007 19:42	8/1/2007 14:23
ps0201	Pascagoula Harbor LB 17	12	0.38	n/a	n/a	n/a	n/a	n/a	n/a	3/2/2010 4:59	8/25/2010 15:29

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
ps0201	Pascagoula Harbor LB 17	25	0.42	n/a	n/a	n/a	n/a	n/a	n/a	3/2/2010 4:59	8/25/2010 15:29
PWS0701	College Fiord	163	0.12	5	5	n/a	4	0.01	0.07	5/2/2007 1:12	6/21/2007 5:06
PWS0701	College Fiord	98	0.15	19	28	4	2	0.03	0.07	5/2/2007 1:12	6/21/2007 5:06
PWS0704	Point Culross	381	0.09	1	43	11	5	0.02	0.01	5/2/2007 17:42	5/31/2007 17:47
PWS0704	Point Culross	223	0.10	9	4	0	7	0.00	0.01	5/2/2007 17:42	5/31/2007 17:47
PWS0704	Point Culross	53	0.14	1	10	16	2	0.00	0.01	5/2/2007 17:42	5/31/2007 17:47
PWS0706	Perry Passage	48	0.09	3	n/a	n/a	n/a	0.01	n/a	5/2/2007 21:42	6/21/2007 21:06
PWS0708	Crafton Island - Knight Island Pass	176	0.10	13	8	8	14	0.02	0.03	5/3/2007 6:00	6/9/2007 6:00
PWS0708	Crafton Island - Knight Island Pass	255	0.07	5	n/a	1	12	0.00	0.02	5/3/2007 6:00	6/9/2007 6:00
PWS0710	W. of Johnson Bay	282	0.09	11	9	23	26	0.01	0.03	5/3/2007 2:30	6/1/2007 2:30
PWS0710	W. of Johnson Bay	164	0.08	3	4	4	7	0.01	0.01	5/3/2007 2:30	6/1/2007 2:30
PWS0710	W. of Johnson Bay	33	0.15	n/a	n/a	1	n/a	n/a	0.01	5/3/2007 2:30	6/1/2007 2:30
PWS0713	Bainbridge Pass	16	0.24	1	2	2	5	0.06	0.10	5/23/2007 0:30	6/24/2007 1:30
PWS0713	Bainbridge Pass	75	0.22	10	19	5	5	0.16	0.09	5/23/2007 0:30	6/24/2007 1:30
PWS0713	Bainbridge Pass	131	0.22	1	18	8	4	0.09	0.05	5/23/2007 0:30	6/24/2007 1:30
PWS0714	Prince of Wales Pass	30	0.19	8	1	10	4	0.05	0.03	5/3/2007 23:48	6/23/2007 22:12
PWS0714	Prince of Wales Pass	237	0.18	1	5	5	5	0.03	0.02	5/3/2007 23:48	6/23/2007 22:12
PWS0714	Prince of Wales Pass	138	0.17	4	10	4	4	0.04	0.02	5/3/2007 23:48	6/23/2007 22:12
PWS0715	Sawmill Bay Entr., Evans Island	14	0.20	6	5	34	10	0.01	0.07	5/4/2007 3:00	6/23/2007 19:35
PWS0715	Sawmill Bay Entr., Evans Island	158	0.15	4	25	1	9	0.02	0.03	5/4/2007 3:00	6/23/2007 19:35
PWS0715	Sawmill Bay Entr., Evans Island	79	0.17	8	1	37	2	0.01	0.01	5/4/2007 3:00	6/23/2007 19:35
PWS0716	Elrington Passage	180	0.19	7	4	11	5	0.03	0.03	5/4/2007 1:30	6/23/2007 20:36
PWS0716	Elrington Passage	49	0.22	7	2	4	14	0.02	0.03	5/4/2007 1:30	6/23/2007 20:36
PWS0716	Elrington Passage	295	0.19	19	7	6	11	0.04	0.01	5/4/2007 1:30	6/23/2007 20:36
PWS0717	Latouche Pass	23	0.18	5	7	13	1	0.06	0.06	5/4/2007 18:36	6/23/2007 18:42
PWS0717	Latouche Pass	62	0.14	7	6	5	4	0.03	0.06	5/4/2007 18:36	6/23/2007 18:42
PWS0717	Latouche Pass	108	0.15	3	8	8	2	0.01	0.05	5/4/2007 18:36	6/23/2007 18:42
PWS0719	Montague Strait	290	0.17	n/a	n/a	n/a	n/a	n/a	n/a	5/4/2007 16:54	8/5/2007 1:30
PWS0719	Montague Strait	172	0.18	n/a	n/a	n/a	n/a	n/a	n/a	5/4/2007 16:54	8/5/2007 1:30
PWS0719	Montague Strait	54	0.25	n/a	n/a	n/a	n/a	n/a	n/a	5/4/2007 16:54	8/5/2007 1:30

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PWS0721	Wooded Island	25	0.31	12	5	19	12	0.11	0.16	6/23/2007 2:18	8/8/2007 17:05
PWS0721	Wooded Island	97	0.20	10	5	8	10	0.06	0.05	6/23/2007 2:18	8/8/2007 17:05
PWS0721	Wooded Island	156	0.15	7	4	8	0	0.01	0.00	6/23/2007 2:18	8/8/2007 17:05
PWS0723	Snug Harbor	162	0.09	n/a	n/a	22	n/a	n/a	0.01	7/2/2007 21:36	8/9/2007 16:42
PWS0724	Green Island Pass	104	0.20	32	n/a	n/a	59	0.02	n/a	6/25/2007 4:24	8/9/2007 18:18
PWS0724	Green Island Pass	35	0.23	5	n/a	12	5	0.02	0.04	6/25/2007 4:24	8/9/2007 18:18
PWS0724	Green Island Pass	163	0.11	25	29	23	n/a	0.02	0.00	6/25/2007 4:24	8/9/2007 18:18
PWS0725	Montague Point	40	0.27	36	11	5	4	0.05	0.03	6/25/2007 6:12	8/9/2007 19:36
PWS0725	Montague Point	158	0.11	1	5	5	11	0.02	0.01	6/25/2007 6:12	8/9/2007 19:36
PWS0725	Montague Point	277	0.09	7	4	2	1	0.02	0.01	6/25/2007 6:12	8/9/2007 19:36
PWS0726	Bear Cape	251	0.19	1	1	2	4	0.02	0.03	6/25/2007 18:06	8/7/2007 23:23
PWS0726	Bear Cape	566	0.21	8	5	8	4	0.03	0.03	6/25/2007 18:06	8/7/2007 23:23
PWS0727	Johnstone Point	231	0.15	28	0	17	1	0.05	0.05	6/25/2007 19:36	8/7/2007 22:00
PWS0727	Johnstone Point	34	0.33	13	5	10	0	0.04	0.03	6/25/2007 19:36	8/7/2007 22:00
PWS0727	Johnstone Point	139	0.19	11	16	5	18	0.01	0.00	6/25/2007 19:36	8/7/2007 22:00
PWS0729	Cape Hinchinbrook Approach	115	0.19	24	n/a	n/a	13	0.02	n/a	6/22/2007 18:18	8/8/2007 2:30
PWS0729	Cape Hinchinbrook Approach	181	0.20	8	11	14	24	0.00	0.01	6/22/2007 18:18	8/8/2007 2:30
PWS0731	Middle Ground Shoal, north of	185	0.13	5	6	4	14	0.01	0.01	6/25/2007 21:12	8/7/2007 20:29
PWS0731	Middle Ground Shoal, north of	41	0.26	11	19	10	14	0.01	0.01	6/25/2007 21:12	8/7/2007 20:29
PWS0731	Middle Ground Shoal, north of	119	0.14	16	19	8	26	0.03	0.01	6/25/2007 21:12	8/7/2007 20:29
PWS0732	Channel Island	150	0.09	15	5	9	37	0.02	0.01	6/25/2007 23:06	8/7/2007 18:24
PWS0732	Channel Island	84	0.10	n/a	n/a	16	n/a	n/a	0.01	6/25/2007 23:06	8/7/2007 18:24
PWS0732	Channel Island	32	0.12	14	7	6	1	0.02	0.01	6/25/2007 23:06	8/7/2007 18:24
PWS0733	Salmo Point	16	0.31	12	3	2	3	0.06	0.07	6/26/2007 0:00	9/24/2007 20:18
PWS0733	Salmo Point	49	0.26	55	9	9	7	0.02	0.06	6/26/2007 0:00	9/24/2007 20:18
PWS0733	Salmo Point	75	0.23	1	20	7	4	0.03	0.02	6/26/2007 0:00	9/24/2007 20:18
PWS0734	Old Log Boom	44	0.14	12	7	4	1	0.03	0.10	6/26/2007 20:54	8/25/2007 0:00
PWS0734	Old Log Boom	31	0.13	9	5	1	1	0.03	0.06	6/26/2007 20:54	8/25/2007 0:00
PWS0734	Old Log Boom	12	0.14	1	1	0	1	0.03	0.03	6/26/2007 20:54	8/25/2007 0:00
PWS0735	Mud Bay	14	0.19	23	5	4	1	0.05	0.01	6/26/2007 20:42	9/1/2007 0:05

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PWS0735	Mud Bay	27	0.18	20	5	3	1	0.03	0.01	6/26/2007 20:42	9/1/2007 0:05
PWS0735	Mud Bay	40	0.19	22	4	1	2	0.03	0.01	6/26/2007 20:42	9/1/2007 0:05
PWS0736	Port Gravina	181	0.09	38	19	11	31	0.00	0.01	8/12/2007 21:22	9/24/2007 22:34
PWS0739	Between Naked and Eleanor Islands	34	0.26	4	5	11	0	0.00	0.01	8/11/2007 1:54	9/26/2007 0:59
PWS0739	Between Naked and Eleanor Islands	139	0.14	3	8	10	7	0.03	0.01	8/11/2007 1:54	9/26/2007 0:59
PWS0739	Between Naked and Eleanor Islands	244	0.10	2	16	22	3	0.04	0.00	8/11/2007 1:54	9/26/2007 0:59
PWS0740	Storey Peak Island	46	0.22	4	4	3	2	0.01	0.00	8/11/2007 4:06	9/25/2007 16:36
PWS0741	Storey Island, north of	179	0.10	1	2	2	16	0.01	0.03	8/11/2007 3:24	9/25/2007 22:48
PWS0741	Storey Island, north of	48	0.22	7	2	14	7	0.02	0.01	8/11/2007 3:24	9/25/2007 22:48
PWS0741	Storey Island, north of	261	0.06	3	50	2	30	0.01	0.01	8/11/2007 3:24	9/25/2007 22:48
PWS0742	Outpost Island	106	0.14	17	16	20	6	0.04	0.06	8/11/2007 5:18	9/25/2007 21:53
PWS0742	Outpost Island	73	0.18	7	22	6	7	0.06	0.04	8/11/2007 5:18	9/25/2007 21:53
PWS0743	Slipper Point	25	0.21	1	8	39	2	n/a	n/a	8/11/2007 17:06	9/25/2007 20:42
PWS0743	Slipper Point	235	0.11	21	n/a	n/a	n/a	0.05	n/a	8/11/2007 17:06	9/25/2007 20:42
PWS0743	Slipper Point	143	0.17	38	3	40	25	0.06	0.03	8/11/2007 17:06	9/25/2007 20:42
PWS0744	Finski Point	131	0.10	29	8	9	10	0.03	0.03	8/11/2007 18:42	9/25/2007 13:06
PWS0744	Finski Point	223	0.07	n/a	n/a	17	58	n/a	0.03	8/11/2007 18:42	9/25/2007 13:06
PWS0744	Finski Point	13	0.19	8	5	3	3	0.01	0.00	8/11/2007 18:42	9/25/2007 13:06
PWS0745	Valdez Narrows	329	0.12	9	11	14	7	0.14	0.11	8/11/2007 20:48	9/17/2007 0:36
PWS0745	Valdez Narrows	133	0.17	19	4	11	13	0.16	0.11	8/11/2007 20:48	9/17/2007 0:36
PWS0745	Valdez Narrows	231	0.13	1	3	4	1	0.13	0.09	8/11/2007 20:48	9/17/2007 0:36
s06010	Martinez-AMORCO Pier	213	0.24	n/a	n/a	n/a	n/a	n/a	n/a	10/13/2009 23:59	4/13/2010 23:56
s08010	Southampton Shoal Channel LB 6	15	0.16	n/a	n/a	n/a	n/a	n/a	n/a	8/9/2009 0:05	11/6/2009 13:59
s08010	Southampton Shoal Channel LB 6	22	0.17	n/a	n/a	n/a	n/a	n/a	n/a	8/9/2009 0:05	11/6/2009 13:59
s08010	Southampton Shoal Channel LB 6	35	0.22	n/a	n/a	n/a	n/a	n/a	n/a	8/9/2009 0:05	11/6/2009 13:59
s09010	Oakland Outer Harbor LB3	14	0.15	n/a	n/a	n/a	n/a	n/a	n/a	8/21/2009 0:03	11/18/2009 14:03
s09010	Oakland Outer Harbor LB3	21	0.13	n/a	n/a	n/a	n/a	n/a	n/a	8/21/2009 0:03	11/18/2009 14:03
s09010	Oakland Outer Harbor LB3	37	0.14	n/a	n/a	n/a	n/a	n/a	n/a	8/21/2009 0:03	11/18/2009 14:03
SAB0803	St. Andrew Bay Entrance	31	0.35	n/a	n/a	n/a	n/a	0.11	0.07	1/11/2008 10:48	3/6/2008 16:53
SAB0803	St. Andrew Bay Entrance	5	0.47	n/a	n/a	n/a	n/a	0.32	0.03	1/11/2008 10:48	3/6/2008 16:53

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SAB0803	St. Andrew Bay Entrance	18	0.42	n/a	n/a	n/a	n/a	0.21	0.01	1/11/2008 10:48	3/6/2008 16:53
SAB0805	Paper Mill	27	0.16	n/a	n/a	n/a	n/a	0.03	0.05	1/9/2008 18:18	3/5/2008 16:53
SAB0805	Paper Mill	16	0.19	n/a	n/a	n/a	n/a	0.06	0.03	1/9/2008 18:18	3/5/2008 16:53
SAB0805	Paper Mill	3	0.16	n/a	n/a	n/a	n/a	0.05	0.01	1/9/2008 18:18	3/5/2008 16:53
SAB0806	Redfish Point	32	0.26	n/a	n/a	n/a	n/a	0.02	0.05	1/9/2008 23:18	3/6/2008 0:24
SAB0806	Redfish Point	19	0.24	n/a	n/a	n/a	n/a	0.04	0.02	1/9/2008 23:18	3/6/2008 0:24
SAB0806	Redfish Point	5	0.19	n/a	n/a	n/a	n/a	0.12	0.00	1/9/2008 23:18	3/6/2008 0:24
SAB0807	Courtney Point, 0.75mi. SE of	7	0.22	n/a	n/a	n/a	n/a	0.05	0.03	1/13/2008 10:54	3/6/2008 19:42
SAB0807	Courtney Point, 0.75mi. SE of	20	0.16	n/a	n/a	n/a	n/a	0.09	0.01	1/13/2008 10:54	3/6/2008 19:42
SAB0807	Courtney Point, 0.75mi. SE of	30	0.17	n/a	n/a	n/a	n/a	0.08	0.00	1/13/2008 10:54	3/6/2008 19:42
SAB0808	Courtney Point, 0.4mi. ESE of	4	0.27	n/a	n/a	n/a	n/a	0.01	0.08	1/9/2008 18:54	3/6/2008 19:06
SAB0808	Courtney Point, 0.4mi. ESE of	11	0.18	n/a	n/a	n/a	n/a	0.11	0.05	1/9/2008 18:54	3/6/2008 19:06
SAB0809	Bear Point, 0.6nm E of	4	0.28	n/a	n/a	n/a	n/a	0.07	0.02	1/10/2008 17:06	3/5/2008 18:54
SAB0809	Bear Point, 0.6nm E of	27	0.17	n/a	n/a	n/a	n/a	0.07	0.00	1/10/2008 17:06	3/5/2008 18:54
SAB0809	Bear Point, 0.6nm E of	14	0.18	n/a	n/a	n/a	n/a	0.11	0.00	1/10/2008 17:06	3/5/2008 18:54
SAB0812	Long Point, West Bay	4	0.16	n/a	n/a	n/a	n/a	0.04	0.05	1/9/2008 16:54	3/5/2008 15:12
SEA0103	Wrangell Narrows (off Petersburg)	15	0.26	12	1	16	2	0.03	0.20	5/17/2001 20:54	6/19/2001 17:12
SEA0103	Wrangell Narrows (off Petersburg)	25	0.24	11	1	14	0	0.08	0.17	5/17/2001 20:54	6/19/2001 17:12
SEA0103	Wrangell Narrows (off Petersburg)	4	0.31	8	1	11	7	0.04	0.12	5/17/2001 20:54	6/19/2001 17:12
SEA0104	South Ledge	7	0.28	7	1	10	13	0.23	0.07	5/25/2001 16:12	6/19/2001 19:42
SEA0104	South Ledge	16	0.28	11	2	10	14	0.23	0.06	5/25/2001 16:12	6/19/2001 19:42
SEA0104	South Ledge	23	0.26	7	5	8	14	0.20	0.05	5/25/2001 16:12	6/19/2001 19:42
SEA0202	Sergius Narrows	18	0.67	19	1	38	7	0.08	0.25	4/2/2002 7:30	5/7/2002 16:12
SEA0202	Sergius Narrows	31	0.67	19	1	38	7	0.09	0.25	4/2/2002 7:30	5/7/2002 16:12
SEA0202	Sergius Narrows	44	0.66	19	1	38	7	0.09	0.25	4/2/2002 7:30	5/7/2002 16:12
SEA0203	Kakul Narrows	58	0.26	11	6	10	5	0.06	0.03	4/1/2002 23:24	5/6/2002 22:48
SEA0203	Kakul Narrows	19	0.28	19	6	10	2	0.07	0.01	4/1/2002 23:24	5/6/2002 22:48
SEA0204	Whitestone Narrows, S of Whitestone Point	43	0.18	4	19	20	13	0.01	0.06	5/8/2002 19:30	6/10/2002 20:36
SEA0204	Whitestone Narrows, S of Whitestone Point	16	0.19	4	16	7	14	0.01	0.02	5/8/2002 19:30	6/10/2002 20:36

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0205	Creek Point, 0.44 n.mi. SE of	15	0.15	5	5	4	11	0.02	0.01	5/8/2002 20:54	6/10/2002 21:06
SEA0302	Povorotni Island, 0.23 n.mi. WSW of	50	0.22	11	8	5	7	0.02	0.12	4/20/2003 18:42	5/20/2003 16:54
SEA0302	Povorotni Island, 0.23 n.mi. WSW of	89	0.18	19	12	5	3	0.04	0.09	4/20/2003 18:42	5/20/2003 16:54
SEA0302	Povorotni Island, 0.23 n.mi. WSW of	10	0.23	10	5	10	5	0.01	0.09	4/20/2003 18:42	5/20/2003 16:54
SEA0303	Big Rose Island, 0.2 n.mi. SE of	12	0.40	4	8	19	7	n/a	0.15	4/21/2003 7:00	5/20/2003 17:36
SEA0303	Big Rose Island, 0.2 n.mi. SE of	32	0.29	1	10	23	5	n/a	0.15	4/21/2003 7:00	5/20/2003 17:36
SEA0303	Big Rose Island, 0.2 n.mi. SE of	92	0.29	2	11	29	5	n/a	0.12	4/21/2003 7:00	5/20/2003 17:36
SEA0304	Suloia Point, 0.32 n.mi. ENE of	92	0.15	4	21	7	13	0.01	0.09	5/21/2003 18:00	6/27/2003 9:12
SEA0304	Suloia Point, 0.32 n.mi. ENE of	26	0.17	8	15	47	1	0.04	0.07	5/21/2003 18:00	6/27/2003 9:12
SEA0304	Suloia Point, 0.32 n.mi. ENE of	65	0.15	2	17	17	9	0.00	0.04	5/21/2003 18:00	6/27/2003 9:12
SEA0306	Zeal Point, 0.34 n.mi. SSW of	16	0.14	16	14	5	12	0.03	0.01	5/21/2003 19:36	6/23/2003 16:42
SEA0306	Zeal Point, 0.34 n.mi. SSW of	48	0.12	16	8	7	1	0.04	0.00	5/21/2003 19:36	6/23/2003 16:42
SEA0306	Zeal Point, 0.34 n.mi. SSW of	29	0.12	17	14	2	10	0.03	0.00	5/21/2003 19:36	6/23/2003 16:42
SEA0307	Tracy Arm Bar	32	0.32	17	14	2	15	0.19	0.21	4/19/2003 18:12	5/20/2003 4:18
SEA0401	Shrubby Island, east of	72	0.26	10	8	17	10	0.02	0.07	4/23/2004 3:42	6/26/2004 20:06
SEA0401	Shrubby Island, east of	308	0.28	7	2	3	4	0.04	0.05	4/23/2004 3:42	6/26/2004 20:06
SEA0401	Shrubby Island, east of	61	0.25	14	1	2	1	0.04	0.05	4/23/2004 3:42	6/26/2004 20:06
SEA0402	Snow Passage, southern approach	260	0.40	2	2	2	1	0.04	0.10	4/23/2004 4:06	6/26/2004 20:42
SEA0402	Snow Passage, southern approach	14	0.45	9	6	1	10	0.08	0.06	4/23/2004 4:06	6/26/2004 20:42
SEA0402	Snow Passage, southern approach	44	0.38	5	1	19	6	0.04	0.05	4/23/2004 4:06	6/26/2004 20:42
SEA0403	Snow Passage Narrows	43	0.27	1	3	3	5	0.09	0.07	4/23/2004 4:24	5/22/2004 18:30
SEA0403	Snow Passage Narrows	23	0.37	2	4	10	3	0.01	0.02	4/23/2004 4:24	5/22/2004 18:30
SEA0403	Snow Passage Narrows	299	0.31	8	11	4	4	0.08	0.02	4/23/2004 4:24	5/22/2004 18:30
SEA0404	Round Island Light	104	0.22	1	1	7	1	0.13	0.14	4/22/2004 19:00	6/26/2004 22:00
SEA0404	Round Island Light	19	0.32	4	4	5	4	0.09	0.12	4/22/2004 19:00	6/26/2004 22:00
SEA0404	Round Island Light	32	0.29	4	2	0	1	0.10	0.11	4/22/2004 19:00	6/26/2004 22:00
SEA0405	Vichnefski Rock Light	289	0.19	8	1	6	1	0.10	0.14	4/22/2004 17:30	6/26/2004 23:24
SEA0405	Vichnefski Rock Light	35	0.27	5	0	2	0	0.09	0.07	4/22/2004 17:30	6/26/2004 23:24
SEA0405	Vichnefski Rock Light	54	0.25	5	1	2	2	0.11	0.07	4/22/2004 17:30	6/26/2004 23:24
SEA0406	Killisnoo Harbor	90	0.13	16	14	34	14	0.02	0.01	5/19/2004 4:42	6/29/2004 6:30

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0406	Killisnoo Harbor	12	0.12	24	n/a	26	n/a	0.01	0.00	5/19/2004 4:42	6/29/2004 6:30
SEA0409	Western Channel	64	0.08	7	19	1	20	0.01	0.01	4/28/2004 18:18	5/28/2004 17:06
SEA0409	Western Channel	18	0.08	2	17	4	5	0.01	0.00	4/28/2004 18:18	5/28/2004 17:06
SEA0409	Western Channel	110	0.10	16	25	5	8	0.01	0.00	4/28/2004 18:18	5/28/2004 17:06
SEA0502	The Brother, east of	488	0.12	19	14	7	14	0.05	0.05	4/30/2005 22:27	6/7/2005 16:15
SEA0502	The Brother, east of	173	0.12	13	17	25	26	0.02	0.00	4/30/2005 22:27	6/7/2005 16:15
SEA0503	The Five Fingers	40	0.19	23	3	7	20	0.00	0.05	4/30/2005 19:00	6/7/2005 14:53
SEA0503	The Five Fingers	158	0.16	25	16	2	1	0.02	0.02	4/30/2005 19:00	6/7/2005 14:53
SEA0503	The Five Fingers	250	0.14	10	8	9	4	0.04	0.01	4/30/2005 19:00	6/7/2005 14:53
SEA0504	Turnabout Island		0.31	3	14	6	2	0.15	0.09	5/1/2005 1:44	6/7/2005 19:26
SEA0504	Turnabout Island		0.21	6	8	3	2	0.00	0.02	5/1/2005 1:44	6/7/2005 19:26
SEA0504	Turnabout Island		0.19	4	8	1	6	0.04	0.01	5/1/2005 1:44	6/7/2005 19:26
SEA0505	Kake Harbor	19	0.06	28	11	16	38	0.01	0.04	5/1/2005 3:57	6/7/2005 21:51
SEA0505	Kake Harbor	98	0.05	29	24	16	24	0.00	0.01	5/1/2005 3:57	6/7/2005 21:51
SEA0505	Kake Harbor	45	0.05	n/a	n/a	22	n/a	n/a	0.00	5/1/2005 3:57	6/7/2005 21:51
SEA0507	Hawk Inlet, Hawk Point	78	0.23	7	32	12	1	0.03	0.15	5/2/2005 2:30	6/8/2005 20:30
SEA0507	Hawk Inlet, Hawk Point	59	0.24	1	7	8	0	0.03	0.14	5/2/2005 2:30	6/8/2005 20:30
SEA0507	Hawk Inlet, Hawk Point	13	0.23	2	29	6	2	0.08	0.07	5/2/2005 2:30	6/8/2005 20:30
SEA0601	The Eye Opener	16	0.31	13	12	1	1	0.09	0.08	6/13/2006 19:54	8/1/2006 18:36
SEA0601	The Eye Opener	108	0.19	4	4	2	6	0.01	0.05	6/13/2006 19:54	8/1/2006 18:36
SEA0601	The Eye Opener	62	0.21	3	9	3	6	0.02	0.03	6/13/2006 19:54	8/1/2006 18:36
SEA0602	Red Bay Entrance	63	0.12	13	16	7	27	0.01	0.03	5/3/2006 21:12	6/13/2006 20:18
SEA0602	Red Bay Entrance	17	0.15	27	40	9	3	0.08	0.02	5/3/2006 21:12	6/13/2006 20:18
SEA0602	Red Bay Entrance	95	0.13	18	24	2	22	0.02	0.00	5/3/2006 21:12	6/13/2006 20:18
SEA0603	Sumner Island, east of	150	0.30	0	2	6	11	0.02	0.09	6/14/2006 0:24	8/1/2006 21:30
SEA0603	Sumner Island, east of	229	0.28	4	1	5	14	0.02	0.05	6/14/2006 0:24	8/1/2006 21:30
SEA0603	Sumner Island, east of	328	0.23	26	5	20	13	0.01	0.04	6/14/2006 0:24	8/1/2006 21:30
SEA0604	Helm Rock	30	0.45	0	12	n/a	1	0.09	n/a	6/13/2006 22:54	9/10/2006 19:41
SEA0604	Helm Rock	80	0.26	4	7	4	1	0.01	0.10	6/13/2006 22:54	9/10/2006 19:41
SEA0604	Helm Rock	128	0.23	4	1	12	1	0.02	0.08	6/13/2006 22:54	9/10/2006 19:41

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0605	Mariposa Reef, 3 miles south of	322	0.19	11	13	n/a	7	0.01	n/a	6/18/2006 22:24	8/1/2006 22:30
SEA0605	Mariposa Reef, 3 miles south of	184	0.20	0	31	2	10	0.03	0.12	6/18/2006 22:24	8/1/2006 22:30
SEA0608	Calder Rocks	107	0.15	23	5	1	4	0.02	0.03	6/18/2006 18:18	8/2/2006 1:11
SEA0608	Calder Rocks	186	0.14	14	5	22	10	0.02	0.02	6/18/2006 18:18	8/2/2006 1:11
SEA0609	Amelius Island, 1 mile east of	105	0.21	5	8	17	19	0.04	0.00	6/18/2006 17:00	8/2/2006 18:42
SEA0610	Shakan Light, 2.4 miles west of	114	0.11	13	14	16	7	0.02	0.01	6/18/2006 15:36	7/29/2006 21:18
SEA0610	Shakan Light, 2.4 miles west of	25	0.17	17	21	33	1	0.01	0.01	6/18/2006 15:36	7/29/2006 21:18
SEA0611	Shiple Bay Entrance	35	0.18	36	21	28	15	0.01	0.03	5/7/2006 0:36	6/14/2006 22:06
SEA0611	Shiple Bay Entrance	153	0.13	8	10	13	8	0.05	0.02	5/7/2006 0:36	6/14/2006 22:06
SEA0611	Shiple Bay Entrance	94	0.15	58	13	14	19	0.03	0.02	5/7/2006 0:36	6/14/2006 22:06
SEA0612	Shakan Strait, west end	15	0.07	8	10	6	9	0.08	0.08	5/4/2006 20:48	6/14/2006 20:24
SEA0612	Shakan Strait, west end	28	0.07	5	10	5	9	0.06	0.07	5/4/2006 20:48	6/14/2006 20:24
SEA0612	Shakan Strait, west end	41	0.08	10	11	3	8	0.04	0.05	5/4/2006 20:48	6/14/2006 20:24
SEA0613	Shakan Strait Rock	70	0.07	8	11	1	7	0.03	0.03	5/4/2006 18:24	6/14/2006 15:18
SEA0613	Shakan Strait Rock	17	0.08	3	1	5	24	0.06	0.01	5/4/2006 18:24	6/14/2006 15:18
SEA0613	Shakan Strait Rock	44	0.05	7	10	9	3	0.01	0.00	5/4/2006 18:24	6/14/2006 15:18
SEA0614	El Capitan Strait, northwest entrance	14	0.08	9	2	2	1	0.05	0.05	5/4/2006 16:06	8/1/2006 4:11
SEA0614	El Capitan Strait, northwest entrance	20	0.09	4	1	4	1	0.07	0.04	5/4/2006 16:06	8/1/2006 4:11
SEA0616	Dry Pass	16	0.12	20	n/a	n/a	n/a	0.10	n/a	5/5/2006 2:36	6/14/2006 18:29
SEA0616	Dry Pass	6	0.11	17	3	9	13	0.03	0.01	5/5/2006 2:36	6/14/2006 18:29
SEA0617	Affleck Canal	124	0.18	12	17	17	10	0.01	0.01	8/3/2006 2:18	9/11/2006 0:48
SEA0617	Affleck Canal	229	0.12	30	16	5	50	0.01	0.00	8/3/2006 2:18	9/11/2006 0:48
SEA0618	Fairway Island, 2nm east of	64	0.17	1	2	6	12	0.05	0.04	6/15/2006 17:12	8/2/2006 23:30
SEA0618	Fairway Island, 2nm east of	110	0.15	4	6	1	4	0.02	0.01	6/15/2006 17:12	8/2/2006 23:30
SEA0618	Fairway Island, 2nm east of	25	0.21	6	3	9	7	0.02	0.01	6/15/2006 17:12	8/2/2006 23:30
SEA0619	Fairway Island, SW of	117	0.22	3	0	0	2	0.02	0.09	8/3/2006 1:06	9/10/2006 23:54
SEA0619	Fairway Island, SW of	182	0.19	13	5	7	2	0.02	0.07	8/3/2006 1:06	9/10/2006 23:54
SEA0619	Fairway Island, SW of	38	0.19	16	25	2	3	0.03	0.04	8/3/2006 1:06	9/10/2006 23:54
SEA0621	Coronation Island - Spanish Island, between	37	0.29	1	4	8	12	0.01	0.11	6/15/2006 1:36	8/2/2006 21:23

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0621	Coronation Island - Spanish Island, between	129	0.21	16	6	5	5	0.02	0.09	6/15/2006 1:36	8/2/2006 21:23
SEA0621	Coronation Island - Spanish Island, between	83	0.22	10	2	12	1	0.03	0.08	6/15/2006 1:36	8/2/2006 21:23
SEA0622	Warren Channel	23	0.29	4	2	3	4	0.12	0.13	6/15/2006 19:18	8/3/2006 15:11
SEA0622	Warren Channel	52	0.21	2	1	3	2	0.12	0.11	6/15/2006 19:18	8/3/2006 15:11
SEA0622	Warren Channel	92	0.19	5	2	11	4	0.09	0.09	6/15/2006 19:18	8/3/2006 15:11
SEA0624	Whale Rock, 1.0 nm SE of	252	0.15	22	4	2	8	n/a	n/a	5/6/2006 19:24	8/3/2006 16:35
SEA0624	Whale Rock, 1.0 nm SE of	147	0.12	13	4	2	4	n/a	n/a	5/6/2006 19:24	8/3/2006 16:35
SEA0624	Whale Rock, 1.0 nm SE of	42	0.17	31	3	14	0	n/a	n/a	5/6/2006 1:54	6/15/2006 23:11
SEA0625	Tokeen Bay	12	0.08	11	9	18	5	0.02	0.02	5/5/2006 19:48	6/16/2006 15:59
SEA0625	Tokeen Bay	38	0.10	11	12	19	1	0.01	0.01	5/6/2006 1:54	6/15/2006 23:11
SEA0625	Tokeen Bay	58	0.10	9	11	5	2	0.01	0.01	5/6/2006 1:54	6/15/2006 23:11
SEA0626	South entrance	278	0.10	4	11	2	1	0.01	0.05	5/5/2006 19:48	6/16/2006 15:59
SEA0626	South entrance	159	0.08	4	7	7	2	0.01	0.03	5/5/2006 19:48	6/16/2006 15:59
SEA0626	South entrance	41	0.09	20	6	20	8	0.03	0.01	5/5/2006 19:48	6/16/2006 15:59
SEA0627	Tuxekan Passage, north of Kutegi Point	38	0.05	2	8	4	16	0.01	0.03	5/5/2006 16:36	6/16/2006 17:17
SEA0627	Tuxekan Passage, north of Kutegi Point	64	0.06	15	9	2	9	0.00	0.02	5/5/2006 16:36	6/16/2006 17:17
SEA0627	Tuxekan Passage, north of Kutegi Point	17	0.05	8	9	1	20	0.03	0.02	5/5/2006 16:36	6/16/2006 17:17
SEA0628	Sea Otter Sound	147	0.09	14	10	4	64	0.01	0.07	5/17/2006 23:59	6/16/2006 1:23
SEA0628	Sea Otter Sound	266	0.07	5	8	1	8	0.01	0.03	5/17/2006 23:59	6/16/2006 1:23
SEA0628	Sea Otter Sound	82	0.07	2	5	11	11	0.01	0.02	5/17/2006 23:59	6/16/2006 1:23
SEA0629	Karheen Passage, west of Cob Island	14	0.12	23	7	14	2	0.08	0.10	6/16/2006 23:06	8/3/2006 19:59
SEA0629	Karheen Passage, west of Cob Island	46	0.12	19	7	16	2	0.07	0.09	6/16/2006 23:06	8/3/2006 19:59
SEA0629	Karheen Passage, west of Cob Island	76	0.12	16	8	13	1	0.09	0.05	6/16/2006 23:06	8/3/2006 19:59
SEA0630	Tonowek Narrows	16	0.20	14	1	20	2	0.19	0.14	6/17/2006 0:42	8/5/2006 17:00
SEA0630	Tonowek Narrows	62	0.20	18	1	22	1	0.15	0.14	6/17/2006 0:42	8/5/2006 17:00
SEA0630	Tonowek Narrows	108	0.17	17	0	17	1	0.11	0.10	6/17/2006 0:42	8/5/2006 17:00

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SEA0632	Boca de Finas	60	0.08	0	4	3	9	0.00	0.02	8/5/2006 1:24	9/11/2006 21:18
SEA0633	Dead Tree Point	62	0.17	4	11	0	1	0.01	0.12	8/3/2006 21:06	9/11/2006 15:00
SEA0633	Dead Tree Point	23	0.18	7	5	7	8	0.02	0.05	8/3/2006 21:06	9/11/2006 15:00
SEA0633	Dead Tree Point	102	0.15	1	11	16	3	0.05	0.01	8/3/2006 21:06	9/11/2006 15:00
SEA0634	Timbered Island	14	0.24	5	8	4	3	0.04	0.05	8/7/2006 11:12	9/11/2006 17:24
SEA0634	Timbered Island	79	0.15	20	1	2	3	0.04	0.04	8/7/2006 11:12	9/11/2006 17:24
SEA0634	Timbered Island	53	0.19	17	3	9	4	0.06	0.02	8/7/2006 11:12	9/11/2006 17:24
SEA0635	Saint Nicholas Channel, north	81	0.14	4	2	15	3	0.04	0.07	8/9/2006 8:42	9/12/2006 0:24
SEA0635	Saint Nicholas Channel, north	22	0.19	3	1	13	2	0.06	0.06	8/9/2006 8:42	9/12/2006 0:24
SEA0635	Saint Nicholas Channel, north	121	0.13	10	25	17	2	0.01	0.02	8/9/2006 8:42	9/12/2006 0:24
SEA0636	Saint Nicholas Channel, south end	28	0.24	9	2	7	2	0.08	0.11	8/4/2006 16:06	9/12/2006 1:24
SEA0636	Saint Nicholas Channel, south end	87	0.19	4	4	1	6	0.03	0.04	8/4/2006 16:06	9/12/2006 1:24
SEA0636	Saint Nicholas Channel, south end	146	0.22	7	10	4	3	0.05	0.02	8/4/2006 16:06	9/12/2006 1:24
SEA0637	Portillo Channel	15	0.10	2	8	20	3	0.06	0.02	8/4/2006 23:36	9/12/2006 15:36
SEA0637	Portillo Channel	74	0.09	2	16	14	10	0.05	0.02	8/4/2006 23:36	9/12/2006 15:36
SEA0637	Portillo Channel	47	0.08	0	11	14	2	0.04	0.01	8/4/2006 23:36	9/12/2006 15:36
SEA0638	San Christoval Chanel, Larz Lt., 0.25nm N of	65	0.14	22	16	13	8	0.34	0.03	8/4/2006 21:42	9/12/2006 17:06
SEA0638	San Christoval Chanel, Larz Lt., 0.25nm N of	16	0.16	20	4	13	5	0.50	0.02	8/4/2006 21:42	9/12/2006 17:06
SEA0638	San Christoval Chanel, Larz Lt., 0.25nm N of	104	0.16	22	23	40	26	0.29	0.02	8/4/2006 21:42	9/12/2006 17:06
SEA0639	San Christoval Rock	42	0.20	7	6	13	7	0.21	0.10	8/4/2006 20:06	9/12/2006 17:42
SEA0639	San Christoval Rock	29	0.20	8	2	11	4	0.16	0.08	8/4/2006 20:06	9/12/2006 17:42
SEA0639	San Christoval Rock	15	0.21	11	1	10	4	0.11	0.00	8/4/2006 20:06	9/12/2006 17:42
SEA0641	Arriaga Passage, west end	29	0.24	1	13	17	5	0.09	0.10	8/4/2006 1:30	9/11/2006 19:12
SEA0641	Arriaga Passage, west end	62	0.20	11	4	9	3	0.12	0.08	8/4/2006 1:30	9/11/2006 19:12
SEA0641	Arriaga Passage, west end	95	0.17	11	8	13	1	0.10	0.05	8/4/2006 1:30	9/11/2006 19:12
SEA0703	Point Rosary, west of	48	0.16	4	11	4	3	0.02	0.00	6/6/2007 20:30	7/24/2007 21:00
SEA0704	Point Verde	14	0.16	n/a	n/a	7	n/a	n/a	0.06	6/6/2007 3:24	7/25/2007 1:59
SEA0704	Point Verde	93	0.10	38	4	20	12	0.04	0.02	6/6/2007 3:24	7/25/2007 1:59
SEA0705	Eagle Point	148	0.10	11	8	13	5	0.02	0.01	6/6/2007 2:12	7/24/2007 18:54
SEA0705	Eagle Point	30	0.14	10	2	2	5	0.01	0.01	6/6/2007 2:12	7/24/2007 18:54

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0706	Tlevak Narrows, Turn Point, east of	44	0.38	32	0	16	1	0.19	0.24	6/6/2007 4:18	7/24/2007 17:59
SEA0706	Tlevak Narrows, Turn Point, east of	77	0.36	29	1	22	1	0.11	0.24	6/6/2007 4:18	7/24/2007 17:59
SEA0706	Tlevak Narrows, Turn Point, east of	14	0.40	33	0	20	0	0.22	0.23	6/6/2007 4:18	7/24/2007 17:59
SEA0708	Cape Chacon, south of	42	0.27	10	2	29	4	0.03	0.17	6/5/2007 18:54	7/26/2007 21:36
SEA0708	Cape Chacon, south of	200	0.21	2	6	19	2	0.09	0.17	6/5/2007 18:54	7/26/2007 21:36
SEA0708	Cape Chacon, south of	357	0.19	1	7	4	3	0.05	0.13	6/5/2007 18:54	7/26/2007 21:36
SEA0709	Happy Harbor, Kasaan Island, Kasaan Bay	39	0.14	1	4	1	5	0.03	0.04	7/27/2007 18:30	9/2/2007 13:48
SEA0709	Happy Harbor, Kasaan Island, Kasaan Bay	176	0.12	13	6	3	1	0.01	0.01	7/27/2007 18:30	9/2/2007 13:48
SEA0710	Grindall Island, south of	220	0.13	29	7	8	1	0.02	0.04	7/27/2007 20:36	9/16/2007 1:17
SEA0710	Grindall Island, south of	122	0.11	0	1	11	2	0.03	0.02	7/27/2007 20:36	9/16/2007 1:17
SEA0710	Grindall Island, south of	24	0.17	3	2	0	2	0.00	0.01	7/27/2007 20:36	9/16/2007 1:17
SEA0711	east of the airport	15	0.30	20	5	1	3	0.02	0.04	7/28/2007 16:06	9/20/2007 0:30
SEA0711	east of the airport	55	0.22	19	4	5	1	0.02	0.04	7/28/2007 16:06	9/20/2007 0:30
SEA0711	east of the airport	87	0.23	7	3	4	8	0.01	0.03	7/28/2007 16:06	9/20/2007 0:30
SEA0712	Pennock Island, East Channel	62	0.18	55	10	15	4	0.02	0.04	7/28/2007 1:42	9/19/2007 22:30
SEA0712	Pennock Island, East Channel	16	0.17	18	1	4	1	0.02	0.01	7/28/2007 1:42	9/19/2007 22:30
SEA0713	Walden Rocks, 0.4 mile north of	23	0.30	1	2	3	7	0.04	0.03	7/28/2007 0:18	9/19/2007 23:12
SEA0713	Walden Rocks, 0.4 mile north of	115	0.20	1	7	1	1	0.03	0.02	7/28/2007 0:18	9/19/2007 23:12
SEA0713	Walden Rocks, 0.4 mile north of	76	0.21	5	7	9	4	0.05	0.01	7/28/2007 0:18	9/19/2007 23:12
SEA0714	Pennock Island, West Channel	14	0.20	5	10	1	2	0.29	0.18	7/28/2007 1:12	9/19/2007 23:48
SEA0714	Pennock Island, West Channel	41	0.18	7	23	20	3	0.40	0.09	7/28/2007 1:12	9/19/2007 23:48
SEA0801	Juneau Harbor, N of	50	0.18	14	1	10	3	0.01	0.05	5/6/2008 20:18	7/28/2008 20:54
SEA0801	Juneau Harbor, N of	10	0.22	37	8	1	1	0.02	0.02	5/6/2008 20:18	7/28/2008 20:54
SEA0803	Juneau Harbor, S of	53	0.18	10	5	0	3	0.00	0.03	5/6/2008 21:06	7/28/2008 21:23
SEA0803	Juneau Harbor, S of	13	0.21	8	14	1	1	0.06	0.03	5/6/2008 21:06	7/28/2008 21:23
SEA0803	Juneau Harbor, S of	33	0.20	3	1	15	11	0.00	0.01	5/6/2008 21:06	7/28/2008 21:23
SEA0804	N of Ship Creek	15	0.19	5	4	17	5	0.08	0.07	5/6/2008 22:36	6/17/2008 21:29
SEA0804	N of Ship Creek	81	0.09	2	2	7	14	0.02	0.06	5/6/2008 22:36	6/17/2008 21:29
SEA0804	N of Ship Creek	54	0.10	5	13	22	32	0.05	0.03	5/6/2008 22:36	6/17/2008 21:29
SEA0805	Point Salisbury, west of	21	0.13	4	6	23	23	0.05	0.02	5/10/2008 18:42	6/17/2008 22:42

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0810	Point Coke, SE of, Tracy Arm	289	0.16	43	21	33	4	0.05	0.04	5/8/2008 0:36	7/29/2008 16:18
SEA0810	Point Coke, SE of, Tracy Arm	170	0.25	34	11	39	16	0.05	0.03	5/8/2008 0:36	7/29/2008 16:18
SEA0810	Point Coke, SE of, Tracy Arm	33	0.32	8	13	1	4	0.06	0.01	5/8/2008 0:36	7/29/2008 16:18
SEA0811	Point Astley, NE of, Tracy Arm	289	0.10	n/a	n/a	22	n/a	n/a	0.05	5/8/2008 1:18	7/29/2008 17:11
SEA0811	Point Astley, NE of, Tracy Arm	170	0.15	n/a	n/a	0	n/a	n/a	0.03	5/8/2008 1:18	7/29/2008 17:11
SEA0811	Point Astley, NE of, Tracy Arm	33	0.26	23	23	4	1	0.00	0.02	5/8/2008 1:18	7/29/2008 17:11
SEA0812	Tantallon Point, SW of	116	0.13	n/a	n/a	10	n/a	n/a	0.03	5/8/2008 18:00	6/18/2008 17:48
SEA0812	Tantallon Point, SW of	37	0.18	n/a	n/a	16	n/a	n/a	0.01	5/8/2008 18:00	6/18/2008 17:48
SEA0812	Tantallon Point, SW of	184	0.11	20	4	7	10	0.09	0.00	5/8/2008 18:00	6/18/2008 17:48
SEA0813	Point Young	55	0.25	n/a	n/a	35	n/a	n/a	0.06	5/8/2008 19:30	6/18/2008 19:12
SEA0813	Point Young	81	0.21	n/a	n/a	42	n/a	n/a	0.03	5/8/2008 19:30	6/18/2008 19:12
SEA0813	Point Young	16	0.34	45	n/a	18	42	0.05	0.01	5/8/2008 19:30	6/18/2008 19:12
SEA0814	Portland Island, SW of	175	0.11	16	13	4	14	0.05	0.03	6/27/2008 17:12	8/7/2008 23:24
SEA0816	Piling Point, east of	79	0.17	13	n/a	n/a	n/a	0.00	n/a	6/27/2008 17:48	8/7/2008 22:54
SEA0816	Piling Point, east of	20	0.20	8	11	15	1	0.02	0.01	6/27/2008 17:48	8/7/2008 22:54
SEA0816	Piling Point, east of	138	0.16	21	16	15	12	0.03	0.00	6/27/2008 17:48	8/7/2008 22:54
SEA0818	Saginaw Channel, 2 miles E of Point Retreat	15	0.24	4	12	19	1	0.03	0.05	5/8/2008 23:00	6/21/2008 2:53
SEA0818	Saginaw Channel, 2 miles E of Point Retreat	67	0.19	10	4	8	1	0.04	0.03	5/8/2008 23:00	6/21/2008 2:53
SEA0818	Saginaw Channel, 2 miles E of Point Retreat	106	0.13	7	0	12	1	0.01	0.01	5/8/2008 23:00	6/21/2008 2:53
SEA0819	North Pass, Lincoln Island	131	0.24	4	6	9	11	0.03	0.12	5/9/2008 0:00	6/21/2008 1:47
SEA0819	North Pass, Lincoln Island	230	0.21	10	6	7	7	0.05	0.09	5/9/2008 0:00	6/21/2008 1:47
SEA0819	North Pass, Lincoln Island	33	0.33	4	3	9	10	0.02	0.05	5/9/2008 0:00	6/21/2008 1:47
SEA0820	Point Retreat, 1 mile west of	52	0.36	17	2	8	4	0.01	0.03	5/9/2008 1:36	6/21/2008 4:11
SEA0820	Point Retreat, 1 mile west of	232	0.20	12	10	11	4	0.01	0.02	5/9/2008 1:36	6/21/2008 4:11
SEA0822	Vanderbilt Reef, 2 miles west of	88	0.18	7	10	1	17	0.01	0.00	5/21/2008 15:29	6/20/2008 23:41
SEA0825	Low Point, Taiya Inlet entrance	37	0.19	25	15	8	1	0.09	0.13	6/20/2008 1:12	7/31/2008 1:48
SEA0826	Battery Point, Chilkoot Inlet	35	0.23	4	1	2	11	0.05	0.04	6/20/2008 0:30	7/31/2008 1:06
SEA0826	Battery Point, Chilkoot Inlet	241	0.19	5	5	7	2	0.04	0.01	6/20/2008 0:30	7/31/2008 1:06

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0826	Battery Point, Chilkoot Inlet	133	0.18	9	1	13	7	0.01	0.01	6/20/2008 0:30	7/31/2008 1:06
SEA0827	Glacier Point, Chilkat Inlet	341	0.15	2	7	3	6	0.03	0.03	6/19/2008 22:18	7/30/2008 23:00
SEA0827	Glacier Point, Chilkat Inlet	46	0.15	12	10	2	7	0.01	0.03	6/19/2008 22:18	7/30/2008 23:00
SEA0827	Glacier Point, Chilkat Inlet	194	0.10	8	15	1	11	0.00	0.01	6/19/2008 22:18	7/30/2008 23:00
SEA0830	South Inian Pass, east end	139	0.27	13	2	16	1	0.02	0.09	6/22/2008 20:30	8/5/2008 19:30
SEA0830	South Inian Pass, east end	80	0.29	18	2	20	1	0.00	0.09	6/22/2008 20:30	8/5/2008 19:30
SEA0830	South Inian Pass, east end	21	0.32	20	2	22	2	0.03	0.03	6/22/2008 20:30	8/5/2008 19:30
SEA0831	Port Althrop entr, east of George Island	29	0.27	35	13	20	25	0.05	0.10	6/22/2008 21:42	8/5/2008 19:05
SEA0831	Port Althrop entr, east of George Island	239	0.21	17	2	2	1	0.00	0.06	6/22/2008 21:42	8/5/2008 19:05
SEA0831	Port Althrop entr, east of George Island	134	0.22	7	2	3	8	0.02	0.01	6/22/2008 21:42	8/5/2008 19:05
SEA0832	Cape Spencer, 3 miles south of	39	0.33	23	5	17	10	0.01	0.14	6/22/2008 23:36	8/2/2008 17:12
SEA0832	Cape Spencer, 3 miles south of	137	0.25	1	5	5	1	0.12	0.10	6/22/2008 23:36	8/2/2008 17:12
SEA0832	Cape Spencer, 3 miles south of	236	0.21	4	4	7	8	0.07	0.08	6/22/2008 23:36	8/2/2008 17:12
SEA0833	Yakobi Rock, 1 mile west of	77	0.36	8	2	1	4	0.05	0.01	6/23/2008 1:00	8/4/2008 0:06
SEA0833	Yakobi Rock, 1 mile west of	235	0.25	3	3	3	0	0.02	0.01	6/23/2008 1:00	8/4/2008 0:06
SEA0835	Point Hogan, South Passage	79	0.09	5	7	7	n/a	0.04	0.05	6/25/2008 19:54	8/4/2008 20:06
SEA0835	Point Hogan, South Passage	20	0.10	13	2	5	18	0.01	0.04	6/25/2008 19:54	8/4/2008 20:06
SEA0837	Elbow Passage, south of Klag Island	14	0.22	7	5	1	8	0.13	0.05	6/25/2008 21:42	8/4/2008 22:06
SEA0837	Elbow Passage, south of Klag Island	83	0.17	14	3	20	5	0.05	0.03	6/25/2008 21:42	8/4/2008 22:06
SEA0837	Elbow Passage, south of Klag Island	47	0.17	2	4	3	1	0.07	0.00	6/25/2008 21:42	8/4/2008 22:06
SEA0838	Lituya Bay Entrance	29	0.33	7	5	11	0	0.13	0.06	6/24/2008 2:06	8/3/2008 1:18
SEA0838	Lituya Bay Entrance	6	0.46	7	9	19	5	0.05	0.04	6/24/2008 2:06	8/3/2008 1:18
SEA0838	Lituya Bay Entrance	16	0.34	4	8	26	4	0.00	0.04	6/24/2008 2:06	8/3/2008 1:18
SEA0839	Sisters Reef	47	0.12	11	8	4	5	0.03	0.02	8/1/2008 17:00	9/9/2008 15:12
SEA0839	Sisters Reef	195	0.11	7	32	23	1	0.00	0.01	8/1/2008 17:00	9/9/2008 15:12
SEA0843	South Passage	32	0.29	0	4	1	2	0.07	0.02	8/2/2008 0:12	9/11/2008 22:36
SEA0843	South Passage	131	0.23	1	2	6	3	0.04	0.01	8/2/2008 0:12	9/11/2008 22:36
SEA0843	South Passage	229	0.20	4	4	1	3	0.05	0.01	8/2/2008 0:12	9/11/2008 22:36
SEA0845	North Passage	34	0.61	3	26	27	17	0.09	0.23	8/5/2008 21:54	9/12/2008 21:23
SEA0845	North Passage	133	0.49	19	20	32	2	0.16	0.15	8/5/2008 21:54	9/12/2008 21:23

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA0845	North Passage	238	0.45	55	15	17	5	0.13	0.10	8/5/2008 21:54	9/12/2008 21:23
SEA0847	Beardslee Island, West of, Glacier Bay	86	0.24	4	7	5	4	0.44	0.47	8/7/2008 1:18	9/13/2008 15:48
SEA0847	Beardslee Island, West of, Glacier Bay	20	0.31	5	6	2	1	0.53	0.42	8/7/2008 1:18	9/13/2008 15:48
SEA0847	Beardslee Island, West of, Glacier Bay	158	0.25	5	7	7	3	0.35	0.36	8/7/2008 1:18	9/13/2008 15:48
SEA0850	Hugh Miller Inlet, Glacier Bay	25	0.08	7	4	17	16	0.00	0.01	8/6/2008 21:18	9/14/2008 16:24
SEA0851	Lisianski Strait, north of Rock Point	14	0.27	10	8	14	28	0.07	0.09	8/5/2008 16:30	9/12/2008 15:41
SEA0851	Lisianski Strait, north of Rock Point	67	0.18	5	11	8	11	0.01	0.05	8/5/2008 16:30	9/12/2008 15:41
SEA0851	Lisianski Strait, north of Rock Point	119	0.14	6	10	44	16	0.02	0.04	8/5/2008 16:30	9/12/2008 15:41
SEA0901	Klawock Narrows, north of Fish Egg Island	55	0.11	4	12	4	2	0.02	0.13	4/26/2009 18:18	6/7/2009 16:54
SEA0901	Klawock Narrows, north of Fish Egg Island	15	0.08	16	10	6	1	0.01	0.00	4/26/2009 18:18	6/7/2009 16:54
SEA0901	Klawock Narrows, north of Fish Egg Island	35	0.10	8	16	5	1	0.01	0.00	4/26/2009 18:18	6/7/2009 16:54
SEA1001	Pleasant Island, southwest of	336	0.18	8	5	10	4	0.02	0.05	5/19/2010 3:00	8/20/2010 4:00
SEA1001	Pleasant Island, southwest of	205	0.22	3	2	1	3	0.02	0.01	5/19/2010 3:00	8/20/2010 4:00
SEA1001	Pleasant Island, southwest of	48	0.20	18	4	5	1	0.01	0.00	5/19/2010 3:00	8/20/2010 4:00
SEA1002	Glacier Bay entrance, off Point Gustavus	101	0.28	4	5	2	4	0.03	0.07	5/19/2010 19:36	8/18/2010 19:30
SEA1002	Glacier Bay entrance, off Point Gustavus	174	0.27	1	6	6	4	0.00	0.06	5/19/2010 19:36	8/18/2010 19:30
SEA1002	Glacier Bay entrance, off Point Gustavus	23	0.34	13	2	8	1	0.19	0.03	5/19/2010 19:36	8/18/2010 19:30
SEA1003	Glacier Bay entrance, midchannel	28	0.38	5	8	14	2	0.09	0.15	5/19/2010 20:12	8/19/2010 13:48
SEA1003	Glacier Bay entrance, midchannel	192	0.28	2	4	8	8	0.01	0.12	5/19/2010 20:12	8/19/2010 13:48
SEA1003	Glacier Bay entrance, midchannel	113	0.28	2	5	4	1	0.05	0.03	5/19/2010 20:12	8/19/2010 13:48
SEA1004	Glacier Bay entrance, off Point Carolus	161	0.37	14	10	6	6	0.08	0.19	5/19/2010 21:00	8/18/2010 18:35
SEA1004	Glacier Bay entrance, off Point Carolus	17	0.41	49	22	26	46	0.05	0.12	5/19/2010 21:00	8/18/2010 18:35
SEA1004	Glacier Bay entrance, off Point Carolus	89	0.32	2	7	1	13	0.04	0.09	5/19/2010 21:00	8/18/2010 18:35
SEA1005	South Inian Pass, west end	28	0.33	1	1	18	3	0.05	0.12	5/20/2010 21:36	8/19/2010 5:17
SEA1005	South Inian Pass, west end	113	0.23	10	1	22	1	0.11	0.10	5/20/2010 21:36	8/19/2010 5:17
SEA1005	South Inian Pass, west end	199	0.25	10	5	22	1	0.08	0.07	5/20/2010 21:36	8/19/2010 5:17
SEA1006	North Inian Pass, east end	95	0.41	31	9	34	11	0.00	0.27	5/20/2010 3:00	8/18/2010 22:30

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SEA1007	North Inian Pass, west end	135	0.31	17	5	13	2	0.02	0.28	5/20/2010 3:30	8/18/2010 23:00
SEA1008	Cross Sound Entrance, NW of Cape Bingham	106	0.26	3	1	18	6	0.02	0.05	5/20/2010 19:30	8/19/2010 15:29
SEA1009	Cross Sound Entrance, midchannel	119	0.25	6	1	5	11	0.03	0.07	5/20/2010 20:15	8/19/2010 16:15
SEA1010	Cross Sound Entrance, SE of Cape Spencer Lt.	34	0.40	12	0	26	0	0.04	0.06	5/20/2010 19:42	8/19/2010 19:17
SEA1010	Cross Sound Entrance, SE of Cape Spencer Lt.	142	0.31	1	5	10	2	0.05	0.05	5/20/2010 19:42	8/19/2010 19:17
SEA1010	Cross Sound Entrance, SE of Cape Spencer Lt.	250	0.30	2	4	7	5	0.05	0.03	5/20/2010 19:42	8/19/2010 19:17
SFB1201	San Francisco Bay Entrance (Outside)	58	0.31	5	5	3	5	0.13	0.07	5/19/2012 19:08	7/19/2012 23:58
SFB1201	San Francisco Bay Entrance (Outside)	19	0.37	n/a	n/a	n/a	n/a	0.15	0.07	5/19/2012 19:08	7/19/2012 23:58
SFB1201	San Francisco Bay Entrance (Outside)	124	0.28	11	7	10	4	0.10	0.01	5/19/2012 19:08	7/19/2012 23:58
SFB1202	Golden Gate Bridge, 0.88 nm NE of	21	0.28	15	19	11	16	0.02	0.03	5/19/2012 20:25	7/19/2012 23:54
SFB1202	Golden Gate Bridge, 0.88 nm NE of	54	0.20	4	4	2	3	0.06	0.01	5/19/2012 20:25	7/19/2012 23:54
SFB1202	Golden Gate Bridge, 0.88 nm NE of	126	0.23	8	4	0	6	0.06	0.00	5/19/2012 20:25	7/19/2012 23:54
SFB1203	Golden Gate Bridge, 0.46 nm E of	200	0.27	16	0	7	1	0.01	0.09	5/19/2012 22:30	7/10/2012 21:23
SFB1203	Golden Gate Bridge, 0.46 nm E of	30	0.25	25	8	19	9	0.07	0.02	5/19/2012 22:30	7/10/2012 21:23
SFB1203	Golden Gate Bridge, 0.46 nm E of	69	0.23	13	2	10	5	0.08	0.01	5/19/2012 22:30	7/10/2012 21:23
SFB1204	Alcatraz Island, southwest of	2	0.19	13	4	9	5	n/a	n/a	5/20/2012 9:18	7/10/2012 22:11
SFB1204	Alcatraz Island, southwest of	21	0.16	11	1	15	3	n/a	n/a	5/20/2012 9:18	7/10/2012 22:11
SFB1204	Alcatraz Island, southwest of	57	0.14	4	4	1	1	n/a	n/a	5/20/2012 9:18	7/10/2012 22:11
SFB1205	North Point, Pier 35, north of	12	0.21	1	7	10	7	0.06	0.03	5/20/2012 17:24	7/12/2012 20:30
SFB1205	North Point, Pier 35, north of	28	0.19	2	8	13	6	0.04	0.03	5/20/2012 17:24	7/12/2012 20:30
SFB1205	North Point, Pier 35, north of	57	0.16	4	5	4	10	0.06	0.01	5/20/2012 17:24	7/12/2012 20:30
SFB1206	Pier 23	37	0.15	n/a	n/a	n/a	n/a	n/a	n/a	5/20/2012 18:06	7/11/2012 18:36
SFB1206	Pier 23	17	0.20	n/a	n/a	n/a	n/a	n/a	n/a	5/20/2012 18:06	7/11/2012 18:36
SFB1206	Pier 23	4	0.26	n/a	n/a	n/a	n/a	n/a	n/a	5/20/2012 18:06	7/11/2012 18:36
SFB1207	Bay Bridge, Pier D	35	0.16	2	5	7	6	n/a	0.18	5/20/2012 18:42	7/11/2012 19:42
SFB1207	Bay Bridge, Pier D	9	0.20	2	4	5	6	n/a	0.12	5/20/2012 18:42	7/11/2012 19:42
SFB1207	Bay Bridge, Pier D	65	0.13	10	1	4	5	n/a	0.01	5/20/2012 18:42	7/11/2012 19:42
SFB1208	Bay Bridge, Span B-C	11	0.20	19	47	0	13	n/a	n/a	5/20/2012 19:48	7/11/2012 21:18

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SFB1208	Bay Bridge, Span B-C	87	0.16	5	2	11	1	0.02	0.04	5/20/2012 19:48	7/11/2012 21:18
SFB1208	Bay Bridge, Span B-C	38	0.17	10	0	7	1	0.01	0.03	5/20/2012 19:48	7/11/2012 21:18
SFB1209	Yerba Buena Island, west of (midchannel)	84	0.34	22	2	2	5	0.06	0.08	5/20/2012 20:30	6/11/2012 22:30
SFB1209	Yerba Buena Island, west of (midchannel)	39	0.29	8	6	2	1	0.03	0.06	5/20/2012 20:30	6/11/2012 22:30
SFB1209	Yerba Buena Island, west of (midchannel)	12	0.32	8	8	4	1	0.02	0.02	5/20/2012 20:30	6/11/2012 22:30
SFB1210	Treasure Island, 0.78 NM NW of	3	0.20	8	16	22	0	0.33	0.06	5/22/2012 17:12	7/12/2012 19:42
SFB1210	Treasure Island, 0.78 NM NW of	22	0.11	22	10	7	4	0.07	0.01	5/22/2012 17:12	7/12/2012 19:42
SFB1210	Treasure Island, 0.78 NM NW of	14	0.13	2	11	5	2	0.18	0.01	5/22/2012 17:12	7/12/2012 19:42
SFB1211	Alcatraz Island, 0.5 mile north of	6	0.22	13	6	23	1	0.01	0.10	5/22/2012 18:06	7/12/2012 18:42
SFB1211	Alcatraz Island, 0.5 mile north of	74	0.20	5	2	4	3	0.04	0.07	5/22/2012 18:06	7/12/2012 18:42
SFB1211	Alcatraz Island, 0.5 mile north of	29	0.17	5	1	5	2	0.01	0.01	5/22/2012 18:06	7/12/2012 18:42
SFB1212	Raccoon Strait	19	0.26	10	4	19	2	0.09	0.06	5/22/2012 19:06	7/10/2012 19:06
SFB1212	Raccoon Strait	71	0.23	1	4	22	1	0.03	0.06	5/22/2012 19:06	7/10/2012 19:06
SFB1212	Raccoon Strait	38	0.23	3	3	12	1	0.02	0.04	5/22/2012 19:06	7/10/2012 19:06
SFB1213	Oakland Inner Harbor Channel	40	0.11	n/a	n/a	n/a	n/a	n/a	n/a	5/21/2012 21:06	7/12/2012 22:00
SFB1213	Oakland Inner Harbor Channel	17	0.09	n/a	n/a	n/a	n/a	n/a	n/a	5/21/2012 21:06	7/12/2012 22:00
SFB1213	Oakland Inner Harbor Channel	4	0.11	n/a	n/a	n/a	n/a	n/a	n/a	5/21/2012 21:06	7/12/2012 22:00
SFB1214	Oakland Inner Harbor Reach	20	0.10	1	3	2	6	0.05	0.08	5/21/2012 20:18	7/13/2012 0:36
SFB1214	Oakland Inner Harbor Reach	4	0.11	12	10	2	5	0.06	0.02	5/21/2012 20:18	7/13/2012 0:36
SFB1215	Brooklyn Basin	28	0.08	1	6	6	13	0.04	0.09	7/15/2012 23:06	9/9/2012 19:00
SFB1215	Brooklyn Basin	15	0.05	20	2	4	5	0.07	0.04	7/15/2012 23:06	9/9/2012 19:00
SFB1215	Brooklyn Basin	5	0.07	0	4	4	16	0.08	0.03	7/15/2012 23:06	9/9/2012 19:00
SFB1216	Alameda Estuary, southeast end	15	0.09	5	1	2	1	0.03	0.02	7/14/2012 22:00	9/9/2012 17:36
SFB1216	Alameda Estuary, southeast end	2	0.11	13	1	5	2	0.04	0.00	7/14/2012 22:00	9/9/2012 17:36
SFB1217	Rincon Point	9	0.18	16	4	1	2	0.03	0.11	7/15/2012 0:06	9/10/2012 1:12
SFB1217	Rincon Point	22	0.15	13	3	5	1	0.03	0.10	7/15/2012 0:06	9/10/2012 1:12
SFB1217	Rincon Point	58	0.11	5	1	6	0	0.03	0.01	7/15/2012 0:06	9/10/2012 1:12
SFB1218	Emmeryville Marina	5	0.04	4	25	38	25	0.02	0.07	7/15/2012 18:48	9/5/2012 22:30
SFB1220	Point Bonita, 0.95 nm SSE of	17	0.25	21	7	23	2	0.00	0.51	7/15/2012 20:30	9/8/2012 5:12
SFB1220	Point Bonita, 0.95 nm SSE of	44	0.20	16	12	8	1	0.08	0.16	7/15/2012 20:30	9/8/2012 5:12

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SFB1220	Point Bonita, 0.95 nm SSE of	96	0.19	3	5	8	3	0.05	0.02	7/15/2012 20:30	9/8/2012 5:12
SFB1221	San Francisco Bar, north of ship channel	5	0.13	n/a	n/a	n/a	n/a	n/a	n/a	7/16/2012 19:36	9/8/2012 19:54
SFB1221	San Francisco Bar, north of ship channel	15	0.10	37	19	27	22	0.01	0.02	7/16/2012 19:36	9/8/2012 19:54
SFB1221	San Francisco Bar, north of ship channel	25	0.09	13	0	6	1	0.01	0.00	7/16/2012 19:36	9/8/2012 19:54
SFB1222	San Francisco traffic separation zone buoy	12	0.17	17	39	21	26	0.03	0.07	7/16/2012 20:36	9/6/2012 22:35
SFB1222	San Francisco traffic separation zone buoy	45	0.14	13	2	13	10	0.02	0.01	7/16/2012 20:36	9/6/2012 22:35
SFB1222	San Francisco traffic separation zone buoy	84	0.08	2	4	11	15	0.02	0.00	7/16/2012 20:36	9/6/2012 22:35
SFB1223	San Francisco southern traffic lane, N end	13	0.18	11	11	1	3	0.10	0.09	7/16/2012 23:48	9/6/2012 21:36
SFB1223	San Francisco southern traffic lane, N end	105	0.09	34	5	8	24	0.06	0.08	7/16/2012 23:48	9/6/2012 21:36
SFB1223	San Francisco southern traffic lane, N end	53	0.13	37	4	11	20	0.05	0.08	7/16/2012 23:48	9/6/2012 21:36
SFB1301	Dumbarton Highway Bridge	40	0.13	n/a	n/a	n/a	n/a	n/a	n/a	5/18/2013 21:24	7/26/2013 18:30
SFB1301	Dumbarton Highway Bridge	17	0.13	n/a	n/a	n/a	n/a	n/a	n/a	5/18/2013 21:24	7/26/2013 18:30
SFB1301	Dumbarton Highway Bridge	4	0.17	n/a	n/a	n/a	n/a	n/a	n/a	5/18/2013 21:24	7/26/2013 18:30
SFB1302	Redwood Point, 1.7nm East of	7	0.16	12	4	2	2	0.14	0.13	5/18/2013 21:54	7/26/2013 21:48
SFB1302	Redwood Point, 1.7nm East of	20	0.15	14	4	2	2	0.12	0.10	5/18/2013 21:54	7/26/2013 21:48
SFB1302	Redwood Point, 1.7nm East of	30	0.13	16	2	8	2	0.09	0.08	5/18/2013 21:54	7/26/2013 21:48
SFB1304	Redwood Creek	20	0.09	5	4	11	1	0.03	0.05	5/19/2013 17:48	7/26/2013 20:54
SFB1304	Redwood Creek	4	0.10	23	5	2	3	0.03	0.05	5/19/2013 17:48	7/26/2013 20:54
SFB1305	San Mateo Bridge	11	0.12	8	7	2	3	0.04	0.03	5/19/2013 18:36	9/9/2013 19:30
SFB1305	San Mateo Bridge	30	0.11	9	5	2	3	0.04	0.01	5/19/2013 18:36	9/9/2013 19:30
SFB1305	San Mateo Bridge	21	0.12	8	7	1	3	0.04	0.01	5/19/2013 18:36	9/9/2013 19:30
SFB1306	Coyote Point, 2.3 nmi. NNE of	3	0.11	10	2	1	0	0.09	0.07	5/19/2013 19:12	7/27/2013 2:00
SFB1306	Coyote Point, 2.3 nmi. NNE of	12	0.10	11	5	3	0	0.09	0.05	5/19/2013 19:12	7/27/2013 2:00
SFB1306	Coyote Point, 2.3 nmi. NNE of	22	0.09	10	4	1	1	0.06	0.04	5/19/2013 19:12	7/27/2013 2:00
SFB1307	Mulford Gardens Channel Approach	4	0.08	16	6	13	4	0.03	0.05	5/19/2013 16:12	7/23/2013 20:54
SFB1308	Hunters Point, 1.6nm SE of	5	0.11	14	9	8	2	0.06	0.05	5/19/2013 20:18	7/23/2013 19:42
SFB1308	Hunters Point, 1.6nm SE of	24	0.07	10	2	0	1	0.02	0.03	5/19/2013 20:18	7/23/2013 19:42
SFB1309	Point Chauncey, 1.3 miles east of	7	0.14	0	4	3	4	0.22	0.17	5/17/2013 23:42	7/23/2013 23:11

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SFB1309	Point Chauncey, 1.3 miles east of	24	0.14	5	10	18	3	0.18	0.11	5/17/2013 23:42	7/23/2013 23:11
SFB1309	Point Chauncey, 1.3 miles east of	40	0.12	8	13	15	2	0.12	0.11	5/17/2013 23:42	7/23/2013 23:11
SFB1310	Point Chauncey, 1.25 nm north of	31	0.13	17	5	7	2	0.04	0.04	5/17/2013 23:06	7/23/2013 23:54
SFB1310	Point Chauncey, 1.25 nm north of	18	0.14	22	4	10	5	0.03	0.01	5/17/2013 23:06	7/23/2013 23:54
SFB1310	Point Chauncey, 1.25 nm north of	5	0.18	14	6	12	2	0.02	0.01	5/17/2013 23:06	7/23/2013 23:54
SFB1312	Point San Pablo, midchannel	60	0.22	13	9	2	2	0.04	0.13	5/21/2013 18:36	7/11/2013 0:00
SFB1312	Point San Pablo, midchannel	30	0.21	24	8	4	3	0.03	0.13	5/21/2013 18:36	7/11/2013 0:00
SFB1312	Point San Pablo, midchannel	11	0.21	10	3	1	4	0.13	0.10	5/21/2013 18:36	7/11/2013 0:00
SFB1313	Petaluma River approach (Buoys 3 & 4)	2	0.16	n/a	n/a	n/a	n/a	n/a	n/a	5/21/2013 17:42	7/25/2013 21:06
SFB1314	Pinole Point, 1.27 nmi. NNW of	5	0.19	5	7	4	1	0.13	0.13	5/21/2013 10:00	7/24/2013 23:29
SFB1314	Pinole Point, 1.27 nmi. NNW of	19	0.15	19	4	2	2	0.08	0.06	5/21/2013 10:00	7/24/2013 23:29
SFB1314	Pinole Point, 1.27 nmi. NNW of	32	0.12	18	1	4	1	0.04	0.05	5/21/2013 10:00	7/24/2013 23:29
SFB1315	Pinole Shoal	23	0.12	n/a	n/a	n/a	n/a	n/a	n/a	5/17/2013 20:36	7/26/2013 3:18
SFB1315	Pinole Shoal	6	0.22	n/a	n/a	n/a	n/a	n/a	n/a	5/17/2013 20:36	7/26/2013 3:18
SFB1316	Davis Point, 1.0 nmi. NW of	7	0.21	20	8	13	1	0.06	0.10	5/20/2013 21:06	7/24/2013 21:24
SFB1316	Davis Point, 1.0 nmi. NW of	17	0.19	29	8	5	1	0.02	0.06	5/20/2013 21:06	7/24/2013 21:24
SFB1316	Davis Point, 1.0 nmi. NW of	33	0.19	20	9	11	7	0.05	0.04	5/20/2013 21:06	7/24/2013 21:24
SFB1317	Mare Island Strait, NE of Pier 34	6	0.28	9	14	20	1	0.08	0.27	5/20/2013 20:30	7/24/2013 19:59
SFB1317	Mare Island Strait, NE of Pier 34	15	0.26	5	13	22	1	0.08	0.25	5/20/2013 20:30	7/24/2013 19:59
SFB1317	Mare Island Strait, NE of Pier 34	29	0.22	10	10	17	2	0.05	0.16	5/20/2013 20:30	7/24/2013 19:59
SFB1318	Carquinez Bridge, I-80	72	0.29	17	2	2	3	0.00	0.14	5/20/2013 20:00	7/24/2013 18:47
SFB1318	Carquinez Bridge, I-80	20	0.25	1	12	11	6	0.02	0.11	5/20/2013 20:00	7/24/2013 18:47
SFB1318	Carquinez Bridge, I-80	39	0.26	16	12	7	4	0.02	0.11	5/20/2013 20:00	7/24/2013 18:47
SFB1319	Carquinez Strait	12	0.28	19	10	22	7	0.15	0.09	5/20/2013 19:42	9/11/2013 0:41
SFB1319	Carquinez Strait	25	0.25	22	8	2	6	0.06	0.04	5/20/2013 19:42	9/11/2013 0:41
SFB1319	Carquinez Strait	42	0.25	22	5	0	6	0.04	0.04	5/20/2013 19:42	9/11/2013 0:41
SFB1320	Dillon Point	97	0.25	33	1	20	25	0.09	0.10	7/30/2013 23:06	9/12/2013 20:00
SFB1320	Dillon Point	45	0.25	17	6	42	5	0.07	0.03	7/30/2013 23:06	9/12/2013 20:00
SFB1320	Dillon Point	19	0.22	10	17	1	10	0.17	0.03	7/30/2013 23:06	9/12/2013 20:00

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SFB1322	Grizzly Bay entrance	2	0.14	19	6	50	7	0.02	0.09	7/30/2013 21:36	9/12/2013 23:00
SFB1323	Roe Island Channel	6	0.17	22	2	2	1	0.07	0.08	7/29/2013 0:36	9/11/2013 6:18
SFB1323	Roe Island Channel	16	0.16	20	2	5	1	0.04	0.06	7/29/2013 0:36	9/11/2013 6:18
SFB1323	Roe Island Channel	29	0.16	37	5	5	5	0.00	0.06	7/29/2013 0:36	9/11/2013 6:18
SFB1324	Middle Point Lt., 0.18 nmi. NNW of	17	0.19	25	8	9	9	0.00	0.04	7/29/2013 0:00	9/10/2013 21:53
SFB1324	Middle Point Lt., 0.18 nmi. NNW of	7	0.17	11	7	2	11	0.10	0.03	7/29/2013 0:00	9/10/2013 21:53
SFB1324	Middle Point Lt., 0.18 nmi. NNW of	30	0.16	6	10	2	2	0.04	0.02	7/29/2013 0:00	9/10/2013 21:53
SFB1325	Simmons Point, 0.6nm ESE of	6	0.21	26	9	16	7	0.03	0.05	7/28/2013 23:06	9/13/2013 21:59
SFB1325	Simmons Point, 0.6nm ESE of	19	0.19	22	7	8	2	0.06	0.03	7/28/2013 23:06	9/13/2013 21:59
SFB1325	Simmons Point, 0.6nm ESE of	32	0.16	5	4	16	1	0.10	0.01	7/28/2013 23:06	9/13/2013 21:59
SFB1326	New York Slough, 0.6miles E of Pt. Emmet	32	0.14	35	7	8	2	0.04	0.02	7/28/2013 22:24	9/13/2013 19:54
SFB1326	New York Slough, 0.6miles E of Pt. Emmet	5	0.19	38	11	10	5	0.00	0.02	7/28/2013 22:24	9/13/2013 19:54
SFB1326	New York Slough, 0.6miles E of Pt. Emmet	19	0.17	38	9	4	4	0.02	0.02	7/28/2013 22:24	9/13/2013 19:54
SFB1327	Antioch Point	22	0.16	32	10	10	5	0.01	0.03	7/29/2013 22:48	9/13/2013 19:12
SFB1327	Antioch Point	48	0.13	37	10	13	4	0.02	0.03	7/29/2013 22:48	9/13/2013 19:12
SFB1327	Antioch Point	9	0.15	23	8	12	4	0.02	0.01	7/29/2013 22:48	9/13/2013 19:12
SFB1328	West Island, north of	13	0.13	27	11	5	2	0.02	0.04	7/29/2013 23:18	9/11/2013 19:18
SFB1328	West Island, north of	3	0.14	28	11	11	1	0.03	0.03	7/29/2013 23:18	9/11/2013 19:18
SFB1328	West Island, north of	26	0.11	18	7	1	2	0.02	0.01	7/29/2013 23:18	9/11/2013 19:18
SFB1329	Antioch, Route 160 bridge	30	0.11	n/a	n/a	n/a	n/a	n/a	n/a	8/1/2013 10:40	9/11/2013 20:04
SFB1329	Antioch, Route 160 bridge	7	0.14	28	8	13	4	0.02	0.04	8/1/2013 10:40	9/11/2013 20:04
SFB1329	Antioch, Route 160 bridge	17	0.13	23	7	9	4	0.03	0.02	8/1/2013 10:40	9/11/2013 20:04
SFB1330	Entrance, 0.7nm SW of Chain Island	48	0.14	10	10	9	1	0.07	0.04	7/30/2013 20:06	9/14/2013 23:47
SFB1330	Entrance, 0.7nm SW of Chain Island	22	0.15	27	11	6	3	0.01	0.02	7/30/2013 20:06	9/14/2013 23:47
SFB1330	Entrance, 0.7nm SW of Chain Island	9	0.14	23	11	2	4	0.02	0.02	7/30/2013 20:06	9/14/2013 23:47
SFB1331	Point Sacramento, 0.2nm NE of	4	0.19	32	13	7	5	0.08	0.06	7/30/2013 19:33	9/14/2013 22:39
SFB1331	Point Sacramento, 0.2nm NE of	15	0.16	37	10	11	3	0.02	0.02	7/30/2013 19:33	9/14/2013 22:39
SFB1331	Point Sacramento, 0.2nm NE of	32	0.11	8	4	3	2	0.05	0.01	7/30/2013 19:33	9/14/2013 22:39
SFB1332	Sacramento River Light 14	26	0.09	9	16	8	14	0.14	0.09	7/30/2013 18:48	9/17/2013 22:06
SFB1332	Sacramento River Light 14	3	0.13	27	8	17	4	0.00	0.06	7/30/2013 18:48	9/17/2013 22:06

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SFB1332	Sacramento River Light 14	14	0.12	28	8	26	2	0.03	0.03	7/30/2013 18:48	9/17/2013 22:06
SHR9901	Shark River Entrance	5	0.22	1	2	9	2	0.00	0.01	9/28/1999 22:30	11/26/1999 13:36
SHR9901	Shark River Entrance	15	0.18	3	3	10	2	0.00	0.01	9/28/1999 22:30	11/26/1999 13:36
SJR0301	Dames Point, 0.23 n.mi. ESE of	5	0.27	11	2	13	6	0.03	0.07	5/23/2003 17:48	7/22/2003 19:23
SJR0301	Dames Point, 0.23 n.mi. ESE of	14	0.22	1	7	4	4	0.02	0.05	5/23/2003 17:48	7/22/2003 19:23
SJR0301	Dames Point, 0.23 n.mi. ESE of	31	0.22	29	5	8	1	0.07	0.04	5/23/2003 17:48	7/22/2003 19:23
SJR0302	Chaseville Turn	30	0.16	5	3	8	4	0.01	0.05	5/23/2003 18:54	7/22/2003 18:41
SJR0302	Chaseville Turn	14	0.14	2	2	4	5	0.03	0.03	5/23/2003 18:54	7/22/2003 18:41
SJR0302	Chaseville Turn	4	0.18	0	5	0	7	0.01	0.01	5/23/2003 18:54	7/22/2003 18:41
SJR0303	St. Johns Bar Cut 0.13 n.mi. ENE of south jetty	46	0.21	10	1	1	4	0.01	0.07	7/28/2003 22:06	9/6/2003 23:48
SJR0303	St. Johns Bar Cut 0.13 n.mi. ENE of south jetty	33	0.21	22	3	2	0	0.04	0.07	7/28/2003 22:06	9/6/2003 23:48
SJR0303	St. Johns Bar Cut 0.13 n.mi. ENE of south jetty	14	0.28	1	1	7	1	0.06	0.02	7/28/2003 22:06	9/6/2003 23:48
SJR0304	St. Johns Bar Cut, 0.7 n.mi. east of jetties	14	0.20	40	17	9	11	0.06	0.10	7/28/2003 16:51	9/6/2003 23:33
SJR0304	St. Johns Bar Cut, 0.7 n.mi. east of jetties	5	0.27	32	2	37	5	0.04	0.09	7/28/2003 16:51	9/6/2003 23:33
SJR0304	St. Johns Bar Cut, 0.7 n.mi. east of jetties	31	0.19	3	1	12	10	0.02	0.02	7/28/2003 16:51	9/6/2003 23:33
SJR9801	St. Johns River Ent. (between jetties)	30	0.24	7	2	2	1	0.01	0.09	4/16/1998 13:48	7/21/1998 13:06
SJR9801	St. Johns River Ent. (between jetties)	10	0.25	4	1	10	3	0.08	0.08	4/16/1998 13:48	7/21/1998 13:06
SJR9801	St. Johns River Ent. (between jetties)	16	0.23	8	2	5	2	0.06	0.06	4/16/1998 13:48	7/21/1998 13:06
SJR9802	Mayport Basin Entrance	15	0.19	1	2	4	3	0.06	0.10	6/3/1998 15:24	7/21/1998 14:30
SJR9802	Mayport Basin Entrance	9	0.23	5	4	6	2	0.08	0.10	6/3/1998 15:24	7/21/1998 14:30
SJR9802	Mayport Basin Entrance	32	0.21	0	2	19	4	0.07	0.09	6/3/1998 15:24	7/21/1998 14:30
SJR9804	ICW Intersection	10	0.27	7	1	6	4	0.04	0.08	4/15/1998 17:18	6/4/1998 11:12
SJR9804	ICW Intersection	16	0.25	6	2	8	4	0.00	0.07	4/15/1998 17:18	6/4/1998 11:12
SJR9804	ICW Intersection	29	0.26	6	0	0	7	0.05	0.07	4/15/1998 17:18	6/4/1998 11:12
SJR9805	Dames Point, 0.25 n.mi. SE of	5	0.29	11	4	0	1	0.08	0.08	7/31/1998 4:54	8/15/1998 4:54
SJR9805	Dames Point, 0.25 n.mi. SE of	14	0.29	5	1	0	4	0.13	0.03	7/31/1998 4:54	8/15/1998 4:54
SJR9805	Dames Point, 0.25 n.mi. SE of	28	0.26	16	2	6	2	0.02	0.03	7/31/1998 4:54	8/15/1998 4:54
SJR9806	Trout River Cut	32	0.20	11	4	6	2	0.01	0.03	7/24/1998 14:48	9/16/1998 3:12

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
SJR9806	Trout River Cut	6	0.20	1	2	4	2	0.04	0.02	7/24/1998 14:48	9/16/1998 3:12
SJR9806	Trout River Cut	15	0.19	5	1	3	7	0.00	0.00	7/24/1998 14:48	9/16/1998 3:12
SJR9807	Blount Island, East of	30	0.23	1	2	1	6	0.02	0.04	7/23/1998 16:36	9/15/1998 16:48
SJR9807	Blount Island, East of	7	0.29	7	2	0	3	0.10	0.01	7/23/1998 16:36	9/15/1998 16:48
SJR9807	Blount Island, East of	16	0.25	9	0	3	4	0.04	0.00	7/23/1998 16:36	9/15/1998 16:48
sn0201	USCG Sabine	661	0.38	n/a	n/a	n/a	n/a	n/a	n/a	5/5/2010 0:00	11/5/2010 17:22
sn0301	Sabine Front Range	71	0.42	n/a	n/a	n/a	n/a	n/a	n/a	3/1/2011 0:00	9/1/2011 23:54
sn0501	Rainbow Bridge	228	0.21	n/a	n/a	n/a	n/a	n/a	n/a	5/10/2010 0:02	11/10/2010 13:20
sn0701	Port Arthur	267	0.37	n/a	n/a	n/a	n/a	n/a	n/a	6/1/2014 0:00	12/1/2014 23:55
t01010	Sunshine Skyway Bridge	10	0.17	n/a	n/a	n/a	n/a	n/a	n/a	3/11/2009 0:01	8/23/2009 22:06
t01010	Sunshine Skyway Bridge	16	0.17	n/a	n/a	n/a	n/a	n/a	n/a	3/11/2009 0:01	8/23/2009 22:06
t01010	Sunshine Skyway Bridge	42	0.13	n/a	n/a	n/a	n/a	n/a	n/a	3/11/2009 0:01	8/23/2009 22:06
t02010	Old Port Tampa	9	0.18	n/a	n/a	n/a	n/a	n/a	n/a	3/1/2009 0:00	8/26/2009 23:55
t02010	Old Port Tampa	16	0.18	n/a	n/a	n/a	n/a	n/a	n/a	3/1/2009 0:00	8/26/2009 23:55
t02010	Old Port Tampa	32	0.16	n/a	n/a	n/a	n/a	n/a	n/a	3/1/2009 0:00	8/26/2009 23:55
UNI1001	Unimak Pass, East Entrance	236	0.17	25	11	5	7	0.01	0.10	6/11/2010 4:28	7/24/2010 19:16
UNI1001	Unimak Pass, East Entrance	131	0.19	16	11	2	7	0.01	0.09	6/11/2010 4:28	7/24/2010 19:16
UNI1001	Unimak Pass, East Entrance	26	0.21	16	9	8	7	0.01	0.04	6/11/2010 4:28	7/24/2010 19:16
UNI1002	Unimak Pass	29	0.40	3	5	7	10	0.04	0.29	6/11/2010 2:42	9/11/2010 1:42
UNI1002	Unimak Pass	121	0.35	7	2	4	8	0.10	0.23	6/11/2010 2:42	9/11/2010 1:42
UNI1002	Unimak Pass	213	0.28	4	7	2	2	0.04	0.11	6/11/2010 2:42	9/11/2010 1:42
UNI1003	Ugamak Strait, off Kaligagan Island	27	0.33	12	14	2	2	0.03	0.04	7/24/2010 3:12	9/11/2010 0:00
UNI1003	Ugamak Strait, off Kaligagan Island	60	0.31	13	15	2	2	0.02	0.02	7/24/2010 3:12	9/11/2010 0:00
UNI1003	Ugamak Strait, off Kaligagan Island	126	0.26	13	13	2	1	0.01	0.01	7/24/2010 3:12	9/11/2010 0:00
UNI1004	Unimak Pass, North Approach	216	0.26	34	5	2	16	0.07	0.24	6/10/2010 21:54	7/24/2010 22:29
UNI1004	Unimak Pass, North Approach	35	0.34	0	15	0	8	0.02	0.21	6/10/2010 21:54	7/24/2010 22:29
UNI1004	Unimak Pass, North Approach	133	0.28	28	19	5	2	0.00	0.13	6/10/2010 21:54	7/24/2010 22:29
UNI1005	Unimak Pass, West Approach	28	0.21	8	16	11	1	0.02	0.04	6/10/2010 19:36	7/25/2010 0:11
UNI1005	Unimak Pass, West Approach	245	0.17	6	10	4	5	0.00	0.04	6/10/2010 19:36	7/25/2010 0:11
UNI1005	Unimak Pass, West Approach	137	0.16	7	9	17	2	0.06	0.02	6/10/2010 19:36	7/25/2010 0:11

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
UNI1006	Avatanak Strait	40	0.45	20	13	14	2	0.03	0.53	6/11/2010 22:06	7/23/2010 22:18
UNI1006	Avatanak Strait	159	0.40	23	14	14	5	0.04	0.47	6/11/2010 22:06	7/23/2010 22:18
UNI1006	Avatanak Strait	247	0.33	13	17	8	2	0.07	0.24	6/11/2010 22:06	7/23/2010 22:18
UNI1007	Akun Strait	47	0.65	32	4	25	5	0.28	0.09	6/11/2010 20:36	7/23/2010 18:29
UNI1007	Akun Strait	14	0.67	32	5	26	5	0.27	0.06	6/11/2010 20:36	7/23/2010 18:29
UNI1007	Akun Strait	76	0.57	7	4	26	5	0.24	0.04	6/11/2010 20:36	7/23/2010 18:29
UNI1008	Akutan Bay	32	0.13	n/a	n/a	4	n/a	n/a	0.05	6/11/2010 19:24	7/25/2010 2:47
UNI1008	Akutan Bay	140	0.11	n/a	n/a	12	n/a	n/a	0.04	6/11/2010 19:24	7/25/2010 2:47
UNI1008	Akutan Bay	248	0.12	n/a	n/a	5	n/a	n/a	0.02	6/11/2010 19:24	7/25/2010 2:47
UNI1009	Baby Pass	22	0.45	22	7	25	5	0.00	0.17	6/10/2010 4:24	7/19/2010 9:42
UNI1009	Baby Pass	133	0.39	24	4	29	4	0.02	0.13	6/10/2010 4:24	7/19/2010 9:42
UNI1009	Baby Pass	87	0.42	20	7	26	5	0.01	0.12	6/10/2010 4:24	7/19/2010 9:42
UNI1010	Akutan Pass	128	0.36	7	0	19	4	0.07	0.21	6/12/2010 21:48	9/11/2010 17:53
UNI1010	Akutan Pass	30	0.42	7	2	19	4	0.09	0.18	6/12/2010 21:48	9/11/2010 17:53
UNI1010	Akutan Pass	207	0.31	5	3	19	2	0.06	0.16	6/12/2010 21:48	9/11/2010 17:53
UNI1011	Unalga Pass	26	0.53	15	1	31	1	0.12	0.18	6/15/2010 2:12	7/23/2010 1:12
UNI1011	Unalga Pass	98	0.49	16	1	33	1	0.06	0.18	6/15/2010 2:12	7/23/2010 1:12
UNI1011	Unalga Pass	157	0.44	16	1	32	1	0.03	0.16	6/15/2010 2:12	7/23/2010 1:12
UNI1012	Udagak Strait (narrows)	65	0.38	26	16	7	11	0.08	0.39	7/28/2010 3:00	9/10/2010 16:54
UNI1012	Udagak Strait (narrows)	19	0.39	31	14	8	11	0.07	0.39	7/28/2010 3:00	9/10/2010 16:54
UNI1012	Udagak Strait (narrows)	108	0.37	29	14	7	10	0.07	0.38	7/28/2010 3:00	9/10/2010 16:54
UNI1013	Priest Rock	139	0.23	0	6	17	3	0.09	0.04	6/10/2010 1:18	7/22/2010 19:48
UNI1013	Priest Rock	14	0.32	2	3	29	3	0.11	0.03	6/10/2010 1:18	7/22/2010 19:48
UNI1013	Priest Rock	73	0.28	2	1	22	1	0.10	0.00	6/10/2010 1:18	7/22/2010 19:48
UNI1016	Captains Bay	41	0.16	13	34	72	83	0.08	0.17	6/13/2010 0:42	7/28/2010 19:36
UNI1016	Captains Bay	61	0.19	17	61	77	39	0.08	0.13	6/13/2010 0:42	7/28/2010 19:36
UNI1017	Cape Kovrizhka	25	0.35	94	13	1	1	0.12	0.15	7/26/2010 21:24	9/9/2010 20:05
UNI1017	Cape Kovrizhka	192	0.21	56	25	21	1	0.07	0.03	7/26/2010 21:24	9/9/2010 20:05
UNI1017	Cape Kovrizhka	103	0.27	67	28	16	1	0.09	0.01	7/26/2010 21:24	9/9/2010 20:05
UNI1018	Paso Point	36	0.27	1	10	1	5	0.10	0.10	7/27/2010 16:48	9/9/2010 23:36

StationId	Station Name	Depth (ft)	RMS (kts)	MFC diff (min)	SBE diff (min)	MEC diff (min)	SBF diff (min)	MFC Speed diff (kts)	MEC Speed diff (kts)	Raw Data Start	Raw Data End
UNI1018	Paso Point	167	0.23	1	6	4	1	0.08	0.04	7/27/2010 16:48	9/9/2010 23:36
UNI1018	Paso Point	266	0.27	8	9	4	16	0.07	0.03	7/27/2010 16:48	9/9/2010 23:36
UNI1019	Umnak Pass	38	0.48	36	6	4	22	n/a	n/a	7/27/2010 17:45	9/10/2010 4:15
UNI1019	Umnak Pass	146	0.45	35	1	2	19	n/a	n/a	7/27/2010 17:45	9/10/2010 4:15
UNI1019	Umnak Pass	254	0.39	19	2	5	17	n/a	n/a	7/27/2010 17:45	9/10/2010 4:15
UNI1020	Konets Head	104	0.30	7	7	2	25	0.03	0.38	7/27/2010 18:42	9/10/2010 5:29
UNI1020	Konets Head	32	0.32	12	7	1	23	0.02	0.37	7/27/2010 18:42	9/10/2010 5:29
UNI1020	Konets Head	176	0.25	2	7	1	19	0.01	0.26	7/27/2010 18:42	9/10/2010 5:29
UNI1021	Sedanka Pass	26	0.41	2	9	37	2	0.03	0.04	7/28/2010 16:30	9/10/2010 18:59
UNI1021	Sedanka Pass	197	0.36	9	8	34	2	0.06	0.01	7/28/2010 16:30	9/10/2010 18:59
UNI1021	Sedanka Pass	111	0.40	3	10	35	3	0.06	0.01	7/28/2010 16:30	9/10/2010 18:59
UNI1022	Derbin Strait	132	0.46	26	8	18	4	0.05	0.08	6/12/2010 3:54	7/23/2010 21:00
UNI1022	Derbin Strait	33	0.52	24	4	16	1	0.01	0.06	6/12/2010 3:54	7/23/2010 21:00
UNI1022	Derbin Strait	220	0.38	26	8	17	7	0.06	0.02	6/12/2010 3:54	7/23/2010 21:00
UNI1023	Bishop Point, Unalaska Island	16	0.34	2	20	1	8	0.11	0.05	7/26/2010 19:48	9/9/2010 18:11
UNI1023	Bishop Point, Unalaska Island	68	0.26	n/a	6	14	8	n/a	0.05	7/26/2010 19:48	9/9/2010 18:11
UNI1023	Bishop Point, Unalaska Island	114	0.24	7	34	2	26	0.09	0.03	7/26/2010 19:48	9/9/2010 18:11
UNI1024	Cape Cheerful, Unalaska Island	92	0.33	5	11	16	55	0.01	0.09	7/26/2010 18:12	9/9/2010 16:53
UNI1024	Cape Cheerful, Unalaska Island	151	0.26	5	7	8	84	0.01	0.07	7/26/2010 18:12	9/9/2010 16:53
UNI1024	Cape Cheerful, Unalaska Island	20	0.35	2	6	29	30	0.00	0.03	7/26/2010 18:12	9/9/2010 16:53