

6/11/2018 (JD) = 18162)

Monday: ~~High~~ Tide @ 18:16 (UTC)

acc. Settings: 1, 2, 2, 35 m

Line Spacing = 30 m

Block 23

Line Name	Time	Heading	Speed	Remarks
Leave Dock	14:00 (UTC)			depart 10:00 (EDT) get Fuel
SVP18162-01	15:03			743266 (E) 4574548 (N) 16 m
A1-743300	15:09	005	2.8 m/s	
743330	15:29	185	2.9 m/s	
743360	15:50	005	2.6 m/s	
743390	16:12	085	2.7 m/s	
743420	16:35	005	2.7 m/s	doglegged onto A4-001
743450	17:03	185	2.8 m/s	start w/dogleg of A4-002
743480	17:29	005	2.7 m/s	17:35 Sara's ledger to stbd. Dogleg A4-003
SVP18162-02	17:56	1756		743977 (E) 4578625 (N) 10 m
743510	17:59	185	2.9 m/s	start w/dogleg of A4-004 18:10 stop lobster gear
A1_rerun 743510	18:33	185	2.9 m/s	Pick up line anew (743510)
End survey	18:37			
@ dock	19:00			@ dock 15:00 (EDT)

(JD = 18 170)

13:14 (UTC)

antenna

height = 5.25 m @ dock @ 13:57 UTC

Line Spacing = 30m

Block 24

Line Name	Time	Heading	Speed	Remarks
Leave dock	14:00 (UTC)			Leave dock @ 10:00 (EDT)
SVP18170-01	N/A			
AI-743540	N/A			
Return to dock	15:00 (UTC)			Return to dock. Deck box likely overheating.
@ dock; Testing deck box. Tx all	OK now,			16:00 (UTC)

6/20/2018 (JD = 18171)

Wednesday: Low Tide @ 14:12 (UTC)

Avg Settings: 1, 2, 2, 35m

Line Spacing = 30m

GPS antenna height @ dock @ 14:13 = 5.38m

Block 23

Line Name	Time	Heading	Speed	Remarks
Leave Dock	14:20 (UTC)			leave dock @ 10:20 (EDT)
SVP18171-01	14:45			743536 (E) 4574521 (N) 26m
A1-743540	14:51	009	2.6 m/s	14:57 "SL" Buoy; 15:10 dogleg A1-005
A4-008	15:18	202	2.9 m/s	
A4-007	15:24	015	2.7 m/s	@ 201 "GS" Buoy
A1-743570	15:32	192	2.7 m/s	SV @ surface \approx 1504 m/s
A2-743280	15:57	016	2.6 m/s	16:11 swell from Ferry
743250	16:17	185	2.8 m/s	
743220	16:36	009	2.5 m/s	
743190	16:57	185	2.8 m/s	17:07 wake from Ferry (water column)
SVP18171-02	17:15			743156 (E) 4574510 (N) 18m
A2-743160	17:22	020	2.9 m/s	17:29 Ferry wake; lots of bubbles;
				17:32 most bubbles to stbd.; 17:33 clear
743130	17:40	185	2.6 m/s	
743100	17:58	020	2.5 m/s	
End survey	18:13			
@ dock	18:32			@ dock 14:30 (EDT)

6/21/2018 (JD = 18172)

Thursday! Low Tide @ 15:06 (UTC)

Aeq. Settings 1, 2, 2, 35m

Line Spacing = 30m

GPS antenna height @ deck @ 14:04 = 5.54m

Block 23

Line Name	Time	Heading	Speed	Remarks
Leave Dock	14:20			leave dock @ 10:20 (EDT)
SVP18172_01	14:47			743025 (E) 4574430 (N) 17m
A2-743070	14:52	010	2.5 m/s	
743040	15:11	190	2.9 m/s	
743010	15:27	010	2.5 m/s	
742980	15:46	190	2.9 m/s	surface SV \approx 1510 m/s
742950	16:03	010	2.6 m/s	16:17 heavy roll
742920	16:20	190	2.9 m/s	
SVP18172_02	16:35			742900 (E) 4574530 (N) 15m
A2-742890	16:43	010	2.7 m/s	
742860	16:58	190	2.9 m/s	
742830	17:14	010	2.6 m/s	17:24 kelp ??? Returns are very ambiguous
742800	17:31	190	2.9 m/s	
A3-742790	17:46	010	2.7 m/s	
742760	18:01	190	2.6 m/s	
742730	18:13	010	2.6 m/s	
* 742700	18:22	190	3.1 m/s	Abort line due to fog
End survey	18:25			Head back to dock
@ Dock	18:55			@ dock 14:55 (EDT)

(JD = 18198)

Tuesday: High Tides @ ~~17:44~~ 17:44 (UTC)

Accg Settings: 1, 2, 2, 35m

Line Spacing = 50 nm

GPS antenna height @ deck @ 14-23 = 5.83₂

Block 23

Line Name	Time	Heading	Speed	Remarks
Leave Dock	14:30			leave dock @ 10:30 (EDT)
SVP 18198-01	15:01			742490 (E) 4574700 (N) 8.5 m
A3-742700				
A3-742670	15:09	010	3.0 m/s	slight chop; winds SSW @ 12 knots
742700	15:17	190	3.0 m/s	Rerun line aborted on 18172
742640	15:24	010	2.5 m/s	
742610	15:33	190	2.8 m/s	
742580	15:42	010	2.3 m/s	
742550	15:54	190	2.2 m/s	
742520	16:03	010	3.0 m/s	
742490	16:10	190	2.9 m/s	
742460	16:18	010	3.0 m/s	
742430	16:25	190	2.9 m/s	
SVP 18198-02	16:31			742225 (E) 4574791 (N) 9.3 m
End survey	16:40			
@ Dock	17:10			@ dock 13:10 (EDT)

7/18/2018 (JD = 18199)

Wednesday: High Tide @ 18:42 (UTC)

Acq. Settings: 1, 2, 2, 55m

Line Spacing = 30m

GPS antenna height @ deck @ 14:25

= 5.53 m

Block 23

Line Name	Time	Heading	Speed	Remarks
Leave Dock	14:30			leave dock @ 10:30 (EDT)
SVP18199-01	14:54			742460 (E) 4574670 (N)
AS-4574710	15:03	090	2.6 m/s	
4574740	15:09	270	3.0 m/s	
4574770	15:14	090	2.6 m/s	
4574800	15:21	270	3.2 m/s	
4574830	15:27	090	2.6 m/s	
4574860	15:33	270	3.3 m/s	
4574890	15:39	090	0.5 m/s	
4574920	15:45	270	3.2 m/s	
4574950	15:52	090	2.5 m/s	
4574980	15:58	270	3.1 m/s	
4575010	16:04	090	2.5 m/s	
4575040	16:10	270	3.2 m/s	
	16:20			Deck unit overheat; NO Tx; shutdown for a bit
SVP18199-02	16:25			200 m East of G3 buoy 741800 (E) 4574600 (N) approx.
End survey	16:30			Tx not responding (overheat)
@ dock	17:10			@ dock 13:10 (EDT)

7/19/2018 (JD = 18200)

Thursday: Low Tide @ 13:42 (UTC)

Acq Setup: 1, 2, 3, 5 m

Line spacing = 30 m

GPS height @ dock = 5.42 m
@ 13:09 (UTC)

Block 2J

Line Name	Time	Heading	Speed	Remarks
Leave Dock	13:00			leave dock @ 09:00 (EDT)
JVP18200-01	13:29			742390 (E) 4575442 (N) 6 m
A5-4575470	13:36	090	2.4 m/s	
4575500	13:42	270	3.0 m/s	
4575530	13:47	090	2.5 m/s	
4575560	13:53	270	2.9 m/s	
4575590	13:58	090	2.5 m/s	
4575620	14:04	270	3.1 m/s	
4575650	14:08	090	2.4 m/s	
4575680	14:13	270	3.1 m/s	
4575710	14:17	090	2.4 m/s	
JVP18200-02	14:39			743225 (E) 4578500 (N) 7 m
A6-4578500	14:42	090	2.9 m/s	
4578530	14:47	270	2.9 m/s	
4578560	14:53	090	2.8 m/s	14:56 boat wake
4578590	15:00	270	2.7 m/s	15:03 buoy stbd.
4578620	15:05	090	2.8 m/s	15:08 buoy stbd.
Returning to dock	15:14			returning to dock (11:15 EDT)
Leave dock	17:30			leave dock @ 13:30 (EDT)
JVP18200-03	17:37			744628 (E) 4578581 (N) 7 m
A6-4578650	17:43	270	2.6 m/s	
4578680	17:50	090	2.9 m/s	
4578710	17:56	270	2.8 m/s	
4578740	18:02	090	2.8 m/s	
4578770	18:09	270	2.8 m/s	
End survey	18:14			End survey 14:15 (EDT)
@ Dock	18:38			@ dock 14:38 (EDT)

6/5/2018 (JD = 18156)

Tuesday: Low Tide @ 13:38 (UTC)

acc. Settings: 1, 2, 2, 35 m
(switched 30 m → 35 m → 30 m)

Block 24-25

Line Name	Time	Heading	Speed	Remarks
Leave Dock	09:30 (EDT)			depart @ 13:30 (UTC)
SVP18156-01	14:10 UTC			744250 (E) 4576155 (N) 11m
B5-4576125	14:20	090	2.5 m/s	
4576100	14:54	270	2.4 m/s	
4576075	15:34	090	2.4 m/s	
4576050	16:12	270	2.4 m/s	
SVP18156-02	16:43			744315 (E) 4576059 (N) 11m
4576025	16:49	090	2.5 m/s	
4576000	17:28	270	2.5 m/s	
4575975	17:59	090	2.5 m/s	
4575950	18:32	270	2.5 m/s	
SVP18156-03	18:58			744326 (E) 4575946 (N) 11m

6/6/2018 (JD = 17157)

Wednesday: Low Tide @ 14:28 (UTC)

Acq. Settings: 1, 2, 2, 30 m

Block 24-25

Line Name	Time	Heading	Speed	Remarks
Leave dock	13:30 (UTC)			depart @ 09:30 (EDT)
JVP18157-01	13:55			744312 (E) 4575880 (N) 11m
B5-4575925	14:02	090	2.5 m/s	
4575900	14:32	270	2.7 m/s	
4575875	15:03	090	2.4 m/s	
4575850	15:21	270	2.5 m/s	
4575825	15:38	090	2.5 m/s	
JVP18157-02	15:54			746988 (E) 4575870 (N) 11m
4575800	16:31	270	2.6 m/s	
4575775	16:46	090	2.1 m/s	
4575750	17:00	270	2.8 m/s	17:07 boat wake
4575725	17:11	090	2.2 m/s	
4575700	17:26	270	2.8 m/s	
4575675	17:37	090	2.2 m/s	
4575650	17:47	270	2.9 m/s	
4575625	17:56	090	2.3 m/s	
4575600	18:06	270	3.0 m/s	
4575575	18:15	090	2.4 m/s	
4575550	18:23	270	2.9 m/s	
4575525	18:30	090	2.4 m/s	Buoy to starboard.
4575500	18:37	270	3.0 m/s	18:42 Buoy to starboard
4575475	18:43	090	2.4 m/s	
4575450	18:47	270	2.8 m/s	
4575425	18:51	090	2.6 m/s	
4575400	18:55	270	2.9 m/s	
JVP18157-03	18:58			744625 (E) 4575423 (N) 14m
@ dock	19:30	(3:30 EDT)		

6/7/2018 (JD = 18158)

Thursday: Low Tide @ 15:16 (UTC)

Aeg Settings: 1, 2, 2, 35 m
Line Spacing = 30 m

Block 24-25

Line Name	Time	Heading	Speed	Remarks
Leave dock	13:50 (UTC)			depart 09:50 (EDT)
SVP18158-01	14:14			747694 (E) 4574819 (N) 13m
B6-747700	14:21	000	2.6 m/s	
747730	14:31	180	2.2 m/s	14:35 rocks
747760	14:39	000	2.4 m/s	SVS 1495 m/s
747820	14:49	180	2.5 m/s	Note: skipped 747790 for now
747850	14:58	000	2.9 m/s	
747880	15:07	180	2.6 m/s	
747910	15:16	000	2.9 m/s	
747940	15:24	180	2.5 m/s	
747970	15:33	000	2.9 m/s	
748000	15:41	180	2.5 m/s	
748030	15:50	000	2.9 m/s	
748060	15:58	180	2.5 m/s	
748090	16:06	000	2.9 m/s	
748120	16:13	180	2.6 m/s	
748150	16:21	000	2.9 m/s	
748180	16:28	180	2.6 m/s	
748210	16:35	000	3.1 m/s	
747790	16:46	180	2.7 m/s	
SVP18158-02	16:54			747555 (E) 4575295 (N)
B6-001	17:22	240	2.5 m/s	Dogleg: 747700 (E) 4575100 (N)
B6-002	17:29	045	2.5 m/s	747300 (E) 4574500 (N)
B6-003	17:36	240	2.5 m/s	747700 (E) 4575000 (N)
B6-004	17:43	020	2.5 m/s	747350 (E) 4574500 (N)
SVP18158-03	18:18			744464 (E) 4577386 (N) 12m
B6-744600	18:27	000	3.1 m/s	18:29 Boat wake
744570	18:38	180	2.9 m/s	18:41 Speed to 3 knots
* 744540	18:46	000	2.6 m/s	* Not sure if file corrupted
744510	19:04	180	2.7 m/s	
744480	19:14	000	2.9 m/s	
744450	19:25	180	2.8 m/s	
744540	19:37	000	2.8 m/s	Rerun 744540 (E)

5/01/2017

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Depart Dock	13:00	—	6.0 kn	Collecting data on transit to 2nd line
SVP 01	13:21	—	—	744 451 E : 4575675 N
L-4575950	13:27	090	2.7 m/s	13:51 abeam Seafloor Reef
4575975	14:04	270	2.4 m/s	14:14 abeam Seafloor Reef
4576000	14:39	090	2.6 m/s	15:04 " " "
4576025	15:17	270	2.8 m/s	15:26 " " "
4576050	15:55	090	2.7 m/s	h = 5.75 m
SVP 02	16:30	—	—	750000 E : 4576038 N
4576075	16:36	270	2.8 m/s	
4576100	17:10	090	2.8 m/s	
4576125	17:55	270	2.9 m/s	h = 6.01 m
SVP 03	18:29	—	—	744530 E : 4576092 N
Return Dock	18:32	—	3.3 m/s	
—	18:40	—	—	@ dock h = 6.09 m

5/4/2017

5/8/2017 (128)

Re-run all lines from 5/4 (see below) New Acquisition Settings: Gain = 1
PulseLength = 2
Power = 2
PingLength = 35

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
SVP04	13:36	—	—	744302 E: 4576070 N
4576150	13:50	090	2.7 m/s	h = 5.40 m
4576175	14:25	270		Played with Gain, Pulse + Power
4576200		090		Stopped line @ 15:13 (Engine problems)
				746462 E: 4576235 N
Re-run above lines with New Acquisition Settings: (1, 2, 2, 35)				
SVP128_01	13:25	—	—	744464 E: 4576162 N
4576150	13:28	090	2.8 m/s	h = 5.95 m; Wind SW @ 10 knts; small chop
4576175	14:08	270	2.6	h = 5.8
4576200	14:53	090	3.0	
SVP128_02	15:21	—	—	750430 E: 4576382 N
4576225	15:33	270	2.0	
4576250	16:17	090	2.8	20L Buoy @ 16:21
4576275	16:45	270		Boat wake @ 001
SVP128_03	17:28	—	—	744684 E: 4576353 N
@ Dock	17:48	—	—	h = 5.49 m h = 5.49 m

5/17/2017 (JD = 137)

Wednesday: 12:52 (UTC) Low tide @ 13:26 (UTC) Dock: 746013 E; 4578059 N; h = 5.42 m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
SVP137_01	13:21	—	—	744600 E; 4576300 N
4576300	13:30	090	2.6 m/s	13:39 Lobster pot
4576325	14:04	270	2.7 m/s	14:09 Boat wake; 14:11 Bubbles (boat wake); 14:33 BL Buoy
4576350	14:40	090	2.5 m/s	14:43 Boat wake bubbles; 14:44 BL Buoy
4576375	15:19	270	2.7 m/s	
SVP137_02	15:53			744528 E; 4576379 N
4576400	15:58	090	2.6 m/s	
4576425	16:35	270	2.7 m/s	17:04 OFF-line avoid traffic; 17:05 wake bubble
4576450	17:10	090	2.6 m/s	
SVP137_03	17:50	—	—	750056 E; 4576438 N
4576475	17:55	270	2.8 m/s	
4576500	18:30	090	2.6 m/s	
4576525	19:07	270	2.7 m/s	19:18 boat wake, parallel port side
	19:42			End survey day
	20:04			@ Dock 746013 E; 4578059 N; h = 6.04

5/18/2017 (JD = 138)

Thursday: 12:39 (UTC) Low tide @ 14:16 (UTC); Dock 746013 E; 7578059 N; $h = 5.49 \text{ m}$
Acquisition settings = 1, 2, 2, 35 m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave Dock	12:55			Leave dock
SVP138-01	13:11	—	—	744540 E : 4576526 N
4576550	13:14	090	2.9 m/s	
4576575	13:47	270	2.7 m/s	
4576600	14:23	090	2.9 m/s	
SVP138-02	14:57	—	—	11 m depth; 750170 E; 4576628 N
4576625	14:59	270	2.8 m/s	15:21 boat wake
4576650	15:33	090	3.0 m/s	
4576675	16:07	270	2.9 m/s	16:35 turbulent front (745200 E)
SVP138-03	16:42	—	—	744450 E : 4576700 ; 13 m depth
4576700	16:44	090	2.7 m/s	
4576725	17:22	270	3.0 m/s	17:49 turbulent front ; 745090 B Buoy
4576750	18:58	090	2.8 m/s	
SVP138-04	18:32	—	—	750068 E ; 4576744 N ; 12 m depth
4576775	18:35	270	2.9 m/s	18:56 small front(?)
	19:05			End Survey day
@ dock	19:30			@ Dock 746013 E ; : h=6.15

6/22/2017

$(JD = 173)$

Thursday: Low Tide @ 14:38 (EDT);

Dock Tides height @ 12:33 (UTC) = 6.08m

Acquisition Settings = 1, 2, 2, 30m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave Dock	9:05 (EDT)			13:05 (UTC) depart
JVP173-01	13:18			744 481 E : 4576 945 N
4576 950	13:25	090	2.6 m/s	
4576 975	14:00	270	2.7 m/s	
4577000	14:38	090	2.8 m/s	14:52 VL Buoy ; 14:59 Boat wake
4577025	15:09	270	2.6 m/s	15:16 Buoy (3 m port)
4577050	15:47	090	3.4 m/s	
JVP173-02	16:15			750160 E : 4576 900 N
4577075	16:21	270		16:45 boat wake
Rerun lines	From 4/31 with new acquisition settings			
R_4576100	17:10	090	2.8 m/s	17:19 boat wake
R_4576125	17:43	270	2.6 m/s	
End survey	18:15			Return to dock
@ Dock	18:38			14:38 (EDT) @ dock

6/23/2017 (JD=174)

Friday: Low Tide @ 3:30 (EDT); Dock Tide height @ 13:08 (UTC) = 6.27m
 Acquisition Settings = 1, 2, 2, 30 m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave Dock	13:10			Depart dock @ 9:10 (EDT)
SVP174-01	13:23			744504 E: 4577057 N
L:4577100	13:28	090	2.7 m/s	
4577105	14:04	270	2.7 m/s	14:18 boat wake
4577150	14:40	090	2.8 m/s	
4577175	15:14	270	2.6 m/s	15:43 stopped line; cleared hydrophone 15:43 resume line (745800 E)
4577200	15:53	090	2.9 m/s	16:03 big rolls; 1614 boat wake
4577225	16:23	270	2.8 m/s	
SVP174-02	16:25			749860 E: 4577250 N
4577225	16:29	270	2.7 m/s	16:55 boat wake
End survey	17:05			13:05 (EDT) end survey
@ Dock	17:17			13:18 (EDT) @ dock h=5.70m

7/26/2017 (JD) = 207

Wednesday: High Tide @ 12:28 (EDT) Dock Tide Height @ 13:30 (LST) = 5.87 m

Acquisition settings = 1, 2, 2, 30m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave dock	15:00			Depart dock @ 15:00(EDT) delayed by Inverter problems
SVP207_01	15:13			74467 E : 4577340 N
L-4577250	15:17	090	2.8 m/s	
4577275	15:55	270	2.5 m/s	
4577300	16:32	090	2.6 m/s	
SVP207_02	17:10			750112 E : 4577296 N
4577325	17:12	270	2.8 m/s	
4577350	17:46	090	2.7 m/s	
4577375	18:21	270	2.5 m/s	Check for offline gap (sailboat)
SVP207_03	19:02			744566 E : 4577410 N
4577400	19:04	090	2.9 m/s	19:31 departure due to sailboats
4577425	19:36	270	2.6 m/s	19:32 about line
SVP207_04	20:14			744535 E : 4577430 N
End Survey	20:15			
@ Dock	20:31			16:31 (EDT) @ dock

7/27/2017 (JD=202)

Thursday: High tide @ 1:22(EDT)

Acquisition Settings = 1, 2, 2, 30m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave dock	13:00			depart dock @ 09:00(EDT)
SVP208-01	13:24			744620E : 4577450N
L-4577450	13:27	090	2.8m/s	
4577475	14:01	270	2.5m/s	
4577500	14:36	090	2.7m/s	
4577525	15:12	270	2.0m/s	
SVP208-02	15:54			744590E : 4577550N
Run Tie Lines North to South				
T-745000	16:16	180	2.8m/s	
T-746000	16:35	000	2.8m/s	
T-747000	16:53	180	2.6m/s	
T-750000	17:19	000	2.6m/s	
T-749000	17:36	180	2.5m/s	
SVP208-03	17:54			748848E : 4575836N
T-748000	18:01	000	2.7m/s	
Perun 4577400				
R-4577400	18:20	090	2.5m/s	
End survey	18:36			
@ Dock	19:07			15:07(EDT) @ dock

7/28/2017 (JD=209)

Friday: High tide @ 2:16 (EDT)
Acquisition settings: 1, 2, 2, 30 m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave Dock	16:00			depart dock @ 12:00 EDT
SVP209-01	16:18			747136 E : 4577835 N
B2-4578300	16:23	2.0 m/s		
4578275	16:31	2.0 m/s		
4578250	16:38	2.0 m/s		
4578225	16:46	2.0 m/s		
4578200	16:53	2.3 m/s		
4578175	16:59	2.1 m/s		
4578150	17:07	2.5 m/s		
4578125	17:12	2.3 m/s		
4578100	17:22	2.3 m/s		
4578075	17:29	2.2 m/s		
4578050	17:38	2.3 m/s		
4578025	17:47	2.4 m/s		
4578000	17:57	2.5 m/s		
4577975	18:06	2.4 m/s		
4577950	18:16	2.3 m/s		
4577925	18:26	2.4 m/s		
SVP209-02	18:41			746982 (E) : 4577730 (N)
End survey	18:42			
@ Dock	19:00			15:00 (EDT) @ dock

7/31/2017

(JD=212)

Monday: High Tides @ 17:06 (EDT)
 Acquisition Settings = 1, 2, 2, 30m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave Dock	16:00			departed @ 12:16 (EDT)
82-4577900	16:31	090	2.5 m/s	
SVP212-01	16:44			747797 (E): 4577824 (N)
4577825	16:49	270	2.6 m/s	
4577850	16:58	090	2.5 m/s	
4577825	17:07	270	2.5 m/s	
4577800	17:18	090	2.5 m/s	
4577775	17:28	270	2.5 m/s	
4577750	17:38	090	2.5 m/s	
4577725	17:48	270	2.6 m/s	
4577700	17:58	090	2.5 m/s	
4577675	18:09	270	2.5 m/s	
4577650	18:21	090	2.5 m/s	
4577625	18:33	270	2.4 m/s	
4577600	18:44	090	2.5 m/s	
4577575	18:56	270	2.5 m/s	
4577550	19:09	090	2.5 m/s	
SVP212-02	19:29			748010 (E): 4577561 (N)
T0 Lines				
T2-East	19:35	310	2.5 m/s	
T2-West	19:50	220	2.5 m/s	
End survey	20:06			
@ Dock	20:15			

Monday: High Tide @ 15:14 (EDT)
 Acquisition Settings: 1, 2, 2, 30m

8/14/2017 (Mon) (JD = 226)

8/15/2017 (Tue) (JD = 227)

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave Dock	13:00			depart @ 09:00 (EDT)
Survey Area Block 3; west of Avery Point				
SVP 226-01	13:25			744531 (E): 4578323 (N)
B3-4578400	13:29	090	2.4 m/s	Rock @ eo!
4578375	13:35	090	2.1 m/s	
4578350	13:43	090	2.2 m/s	
4578325	13:51	090	2.3 m/s	
4578300	13:57	090	2.5 m/s	End line early; rocks ahead
4578275	14:06	090	2.3 m/s	
4578250	14:14	090	2.3 m/s	14:15 boat wake
4578225	14:22	270	2.3 m/s	14:25 Abort line; transducer blocked??
Hydrophone doesn't appear to be transmitting, Return to dock				
Arrive dock	14:50			@ dock 10:50 (EDT)
Remove hydrophone				
8/15 Leave Dock	14:00			depart @ 10:00 (EDT)
SVP 227-01	14:23			744555 (E): 4578207 (N)
B3-4578225	14:33	090	1.8 m/s	Rerun
4578200	14:40	270	2.0 m/s	
4578175	14:49	090	2.6 m/s	
4578150	14:56	270	2.0 m/s	
4578125	15:04	090	2.5 m/s	
4578100	15:11	270	2.1 m/s	
4578075	15:33	090	2.0 m/s	
4578050	15:43	270	2.0 m/s	North turn around island
4578025	15:52	090	2.5 m/s	South turn around island
4578000	16:03	270	2.0 m/s	North turn around island: Lost TX (16:10)
End Survey				
SVP 227-02	16:45			41° 18.828 (N) 72° 04.533 (W)
Arrive dock	17:05			@ dock 13:05 (EDT)

8/16/2017 (JD = 228)

Wednesday: Low Tide @ 11:16 (EDT)
 Acq. Settings: 1, 2, 2, 30m

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave dock	11:30			Depart @ 07:30 (EDT)
SVP228-01	11:57			744552 (E) = 4577520 (N)
B3-4577550	12:01	090	2.5 m/s	
4577575	12:12	270	2.5 m/s	
4577600	12:23	090	2.4 m/s	
4577625	12:33	270	2.6 m/s	
4577650	12:43	090	2.7 m/s	
4577675	12:52	270	2.5 m/s	
4577700	13:05	090	2.6 m/s	
4577725	13:16	270	2.6 m/s	
4577750	13:27	090	2.5 m/s	
4577775	13:38	270	2.5 m/s	
4577800	13:49	090	2.6 m/s	
4577825	14:00	270	2.5 m/s	
4577850	14:12	090	2.4 m/s	
4577875	14:24	270	2.0 m/s	
SVP228-02	14:37			744552 (E) : 4577750 (N)
4577900	14:44	090	2.5 m/s	
4577925	14:59	270	2.3 m/s	
4577950	15:14	090	2.5 m/s	
4577975	15:23	270		
R-4578000	15:36	090		Return from 8/15
R-4578225	15:47	270		Return from 8/14
T1-744700	15:59	135	2.5 m/s	Tie Line
T2-745500	16:11	320	2.5 m/s	Tie Line
SVP228-03	16:24			744743 (E) : 4577999 (N)
End Survey				
Arrived dock	16:45			@ dock 12:45 (EDT)

8/17/2017 (JD = 229)

Thursday: Low tide @ 12:16 (EDT)

Thames Mouth East

Line Name	Time	Heading	Speed	Remarks
Leave dock	12:00			depart @ 08:00 (EDT)
SVP 229-01	12:30			749028(E) = 4576962(N)
B4_4577500	12:43	270	2.3 m/s	
4577525	12:56	090	2.4 m/s	
4577875	13:13	270	2.0 m/s	
4577850	13:19	090	2.1 m/s	
4577825	13:26	270	2.3 m/s	
4577800	13:34	090	2.0 m/s	
4577775	13:44	270	2.0 m/s	
4577750	13:52	090	2.1 m/s	
4577725	14:02	270	2.0 m/s	Eel grass @ col
4577700	14:12	090	2.2 m/s	
4577675	14:22	270	2.3 m/s	Eel grass @ col
4577650	14:33	090	2.2 m/s	Swimmers @ col
4577625	14:43	270	2.3 m/s	
4577600	14:54	090	2.3 m/s	
4577575	15:04	270	2.4 m/s	
4577550	15:16	090	2.3 m/s	748950(E) suspect eel grass/kelp
SVP 229-02	15:25			749687(E) 4577262(N)
T1_750000	15:48	360	2.3 m/s	Towlines (East)
T3_749300	15:58	180	2.9 m/s	(Central)
T2_748800	16:12	000	1.9 m/s	(West)
Arrive dock	16:50			@ dock 12:50 (EDT)