

REPORT OF CHANNEL CONDITIONS

0 TO 321 FEET WIDE
(ER 1130-2-316)

DATE

April 2019

TO:
FOR THE RECORD

FROM: Ocean Surveys, Inc.
129 Mill Rock Road East
Old Saybrook, CT, 06475

RIVER/HARBOR NAME AND STATE

Narrows of Lake Champlain, Whitehall, NY (Reach 01)
to Benson Landing in Benson, VT (Reach 67)

MINIMUM DEPTHS

IN CHANNEL
ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	Authorized Project			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (N.Miles)	DEPTH (feet)			
REACH 1	28-Apr-19	0-286	0.3	12.0	4.6	2.9	2.5
REACH 2	28-Apr-19	155-295	0.2	12.0	6.2	4.4	3.6
REACH 3	28-Apr-19	150-244	0.3	12.0	5.2	0.9	0.6
REACH 4	28-Apr-19	151-244	0.3	12.0	5.1	1.1	-2.3
REACH 5	28-Apr-19	150-151	0.1	12.0	11.2	11.7	9.5
REACH 6	28-Apr-19	150-151	0.2	12.0	11.6	11.8	6.9
REACH 7	28-Apr-19	150-152	0.3	12.0	8.8	11.1	9.3
REACH 8	28-Apr-19	150-152	0.1	12.0	9.7	10.8	8.4
REACH 9	28-Apr-19	150-151	0.2	12.0	10.7	7.4	5.3
REACH 10	28-Apr-19	150-153	0.1	12.0	11.5	9.1	6.2
REACH 11	28-Apr-19	151-153	0.1	12.0	9.0	12.9	10.9
REACH 12	28-Apr-19	150-152	0.2	12.0	11.3	9.4	7.9
REACH 13	28-Apr-19	150-151	0.1	12.0	14.4	14.8	11.6
REACH 14	28-Apr-19	150-152	0.1	12.0	15.8	14.1	10.8

REMARKS

- ALL DEPTHS REFER TO LOCAL COE PROJECT DATUM
- LENGTH OF EACH REACH TO NAUTICAL MILES (1.15078 STATUTE MILES)

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REACH 15	28-Apr-19	150-151	0.1	12.0	12.3	9.1	4.7
REACH 16	28-Apr-19	150-152	0.1	12.0	11.5	7.8	2.5
REACH 17	28-Apr-19	150-152	0.1	12.0	14.3	8.2	2.1
REACH 18	28-Apr-19	150-151	0.9	12.0	9.9	7.0	2.8
REACH 19	28-Apr-19	150-152	0.1	12.0	16.0	5.3	-2.6
REACH 20	28-Apr-19	150-152	0.1	12.0	15.5	5.4	-2.6
REACH 21	28-Apr-19	150-151	0.3	12.0	12.0	5.3	9.8
REACH 22	28-Apr-19	150-151	0.1	12.0	14.7	10.7	11.1
REACH 23	28-Apr-19	150-152	0.1	12.0	15.4	12.1	6.8
REACH 24	28-Apr-19	150-152	0.1	12.0	12.8	6.5	1.7
REACH 25	28-Apr-19	150-151	0.4	12.0	12.0	5.9	5.0
REACH 26	28-Apr-19	151-209	0.1	12.0	14.4	10.9	2.9
REACH 27	28-Apr-19	196-244	0.1	12.0	16.5	10.7	3.6
REACH 28	28-Apr-19	202-206	0.4	12.0	11.2	11.7	2.2

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Reach 29	28-Apr-19	159-203	0.4	12.0	14.7	13.4	2.4
Reach 30	28-Apr-19	161-286	0.3	12.0	10.8	10.4	-2.7
Reach 31	28-Apr-19	203-308	0.4	12.0	13.3	8.1	-1.6
Reach 32	28-Apr-19	219-308	0.1	12.0	14.6	10.0	3.6
Reach 33	28-Apr-19	167-219	0.1	12.0	14.8	9.3	3.4
Reach 34	28-Apr-19	151-179	0.1	12.0	15.1	14.4	9.1
Reach 35	28-Apr-19	150-152	0.1	12.0	16.2	15.3	10.7
Reach 36	28-Apr-19	150-151	0.1	12.0	16.5	13.4	8.7
Reach 37	28-Apr-19	150-151	0.1	12.0	16.1	13.2	8.0
Reach 38	28-Apr-19	150-151	0.2	12.0	12.5	13.4	9.0
Reach 39	28-Apr-19	150-151	0.1	12.0	14.6	16.0	13.1
Reach 40	28-Apr-19	150-151	0.1	12.0	16.7	16.1	11.4
Reach 41	28-Apr-19	150-151	0.1	12.0	17.1	14.3	10.5
Reach 42	28-Apr-19	150-202	0.3	12.0	14.7	10.2	6.8

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REACH 43	28-Apr-19	200-278	0.5	12.0	12.8	14.2	5.9
REACH 44	28-Apr-19	199-278	0.2	12.0	11.8	14.3	-0.5
REACH 45	28-Apr-19	199-234	0.2	12.0	17.4	13.3	-2.2
REACH 46	28-Apr-19	200-246	0.1	12.0	17.9	15.9	4.7
REACH 47	28-Apr-19	150-246	0.2	12.0	10.1	16.0	5.1
REACH 48	28-Apr-19	150-151	0.2	12.0	20.8	17.1	11.0
REACH 49	28-Apr-19	150-151	0.1	12.0	16.3	17.7	11.2
REACH 50	28-Apr-19	150-151	0.3	12.0	10.0	13.6	11.8
REACH 51	28-Apr-19	150-151	0.1	12.0	13.4	11.0	6.5
REACH 52	28-Apr-19	150-151	0.1	12.0	20.2	12.3	6.7
REACH 53	28-Apr-19	150-230	0.1	12.0	18.2	16.7	6.9
REACH 54	28-Apr-19	200-230	0.1	12.0	17.5	17.0	7.6
REACH 55	28-Apr-19	175-200	0.1	12.0	17.5	16.8	7.8
REACH 56	28-Apr-19	175-211	0.1	12.0	23.0	12.2	1.0

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REACH 57	28-Apr-19	169-254	0.1	12.0	19.7	7.3	-1.4
REACH 58	28-Apr-19	154-169	0.1	12.0	18.2	18.1	15.2
REACH 59	28-Apr-19	154-243	0.2	12.0	10.7	15.7	12.2
REACH 60	28-Apr-19	198-199	0.1	12.0	12.5	15.8	14.7
REACH 61	28-Apr-19	149-200	0.1	12.0	15.4	17.8	6.2
REACH 62	28-Apr-19	150	0.5	12.0	11.8	11.6	11.8
REACH 63	28-Apr-19	150-151	0.3	12.0	15.3	14.2	11.4
REACH 64	28-Apr-19	149-156	0.6	12.0	10.8	9.7	4.6
REACH 65	28-Apr-19	156-321	0.1	12.0	9.2	9.5	6.9
REACH 66	28-Apr-19	299-321	0.1	12.0	6.6	9.6	6.9
REACH 67	28-Apr-19	150-302	0.2	12.0	6.4	7.4	8.1

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