



LEGEND

Aids to Navigation	Green Light	Green Light	Waypoints
Can	Red Light	Green Daybeacon	Waypoint Lines
Nun	Green Daybeacon	Red Daybeacon	Matchlines
Green Lighted Buoy	Red Daybeacon	Danger Sign	Navigation Channel
Red Lighted Buoy	Mileboard	Tide Gage	
Junction Marker			

Depth In Feet	4 and Shallower
6 - 4	7 - 6
8 - 7	10 - 8
12 - 10	14 - 12
15 - 14	15 and Deeper

WAYPOINTS

Project	Survey Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Silver Lake Harbor Map 1 of 2 - Waypoint 1	2016-10-16-17	2899377	508534	75° 59' 32.748" W	35° 6' 15.694" N
Silver Lake Harbor Map 1 of 2 - Waypoint 2	2016-10-16-17	2899421	508816	75° 59' 31.385" W	35° 6' 38.235" N
Silver Lake Harbor Map 1 of 2 - Waypoint 3	2016-10-16-17	2900137	510257	75° 59' 22.236" W	35° 6' 52.274" N
Silver Lake Harbor Map 1 of 2 - Waypoint 4	2016-10-16-17	2900861	510181	75° 59' 13.557" W	35° 6' 51.301" N

NOTES:

- ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
- PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "KNOWLTON", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
- HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W.
- TIDE GAGE LOCATED AT LIGHT 9. USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
- THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS AND SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER1110-1-8152.
- THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REQUIRED BY 33 CFR 209.325
- NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS.
- FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SAW.USACE.ARMY.MIL

SURVEY DATE: 16-17 OCTOBER 2016	SURVEYED BY: DCH, SSS
MAP DATE: 20 OCTOBER 2016	MAPPED: K7OPNDJIM
MAP SCALE: 1:2,000	PROCESSED BY: K7OPNDJIM
IMAGERY DATE: 28 JULY 2016	
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MAP FILE NAME: SL_03_SLH_TOF2_20161016.MXD	

HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 WILMINGTON, NORTH CAROLINA

Silver Lake Harbor
 Map 1 of 2
 OCRACOKE, NORTH CAROLINA