

**LEGEND**

NAVIGATION AIDS	DEPTH IN FEET
CAN	0 - 4
NUN	4 - 6
GREEN LIGHTED BUOY	6 - 7
RED LIGHTED BUOY	7 - 8
JUNCTION MARKER	8 - 10
GREEN LIGHT	10 - 12
RED LIGHT	12 - 14
GREEN DAYBEACON	14 - 15
RED DAYBEACON	15 and deeper
DANGER SIGN	WAYPOINTS
MILEBOARD	WAYPOINT LINE
TIDE GAGE	NAVIGATION CHANNEL

**NOTES:**

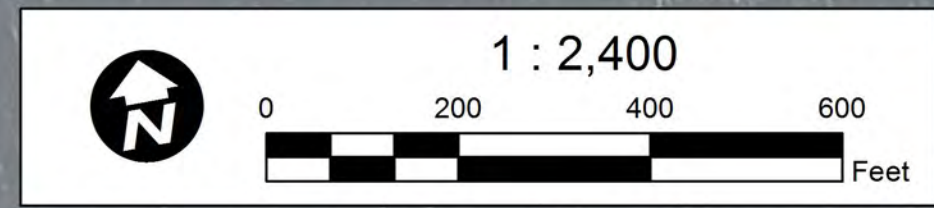
- SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO M.L.W.
- PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "BEAUFORT", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
- HORIZONTAL DATUM NAD 1983.
- VERTICAL DATUM: ORIENTAL
- THIS PROJECT WAS DESIGNED BY THE WILMINGTON 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.
- THESE WAYPOINTS, MAPS AND ASSOCIATED INFORMATION REPRESENTS THE RESULT OF SURVEYS MADE ON THE DATE 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.
- 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/NAV](http://WWW.SAW.USACE.ARMY.MIL/NAV)

**WAYPOINTS**

Project	Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Smith Creek - Waypoint 1	2012-08-29	2691753	468267	-76° 41' 21.931"	35° 0' 52.301"
Smith Creek - Waypoint 2	2012-08-29	2688946	469678	-76° 41' 55.223"	35° 1' 8.876"
Smith Creek - Waypoint 3	2012-08-29	2688630	471024	-76° 41' 58.699"	35° 1' 20.283"
Smith Creek - Waypoint 4	2012-08-29	2689445	471470	-76° 41' 48.777"	35° 1' 24.501"
Smith Creek - Waypoint 5	2012-08-29	2689636	471727	-76° 41' 46.415"	35° 1' 26.996"

**NAVIGATION AIDS**

Type	Number	Date	SPF_X	SPF_Y	DMS_X	DMS_Y
Green Light	1	2012-08-29	2691218	468675	-76° 41' 28.299"	35° 0' 54.483"
Green Daybeacon	3	2012-08-29	2689799	469239	-76° 41' 45.153"	35° 1' 2.361"
Green Daybeacon	5	2012-08-29	2688766	469797	-76° 41' 57.415"	35° 1' 8.114"
Red Light	6	2012-08-29	2689015	469977	-76° 41' 54.362"	35° 1' 9.843"
Red Light	8	2012-08-29	2688787	470921	-76° 41' 56.841"	35° 1' 19.228"



SURVEY DATE: 29 AUGUST 2012	SURVEYED BY: RWA
MAP DATE: 6 SEPTEMBER 2012	MAPPED BY: MSA
SCALE: 1 : 2,400	MAP FILE # SC 1009-12-1
IMAGERY DATE: 2010 © DIGITAL GLOBE INC.	MAP FILE NAME: SMITHS_CREEK_ORIENTAL_2012-08-29_CS.MXD

**CONDITION SURVEY**  
 U.S. ARMY ENGINEERS DISTRICT  
 CORPS OF ENGINEERS  
 WILMINGTON, NORTH CAROLINA

**SMITHS CREEK**  
 ORIENTAL, NORTH CAROLINA