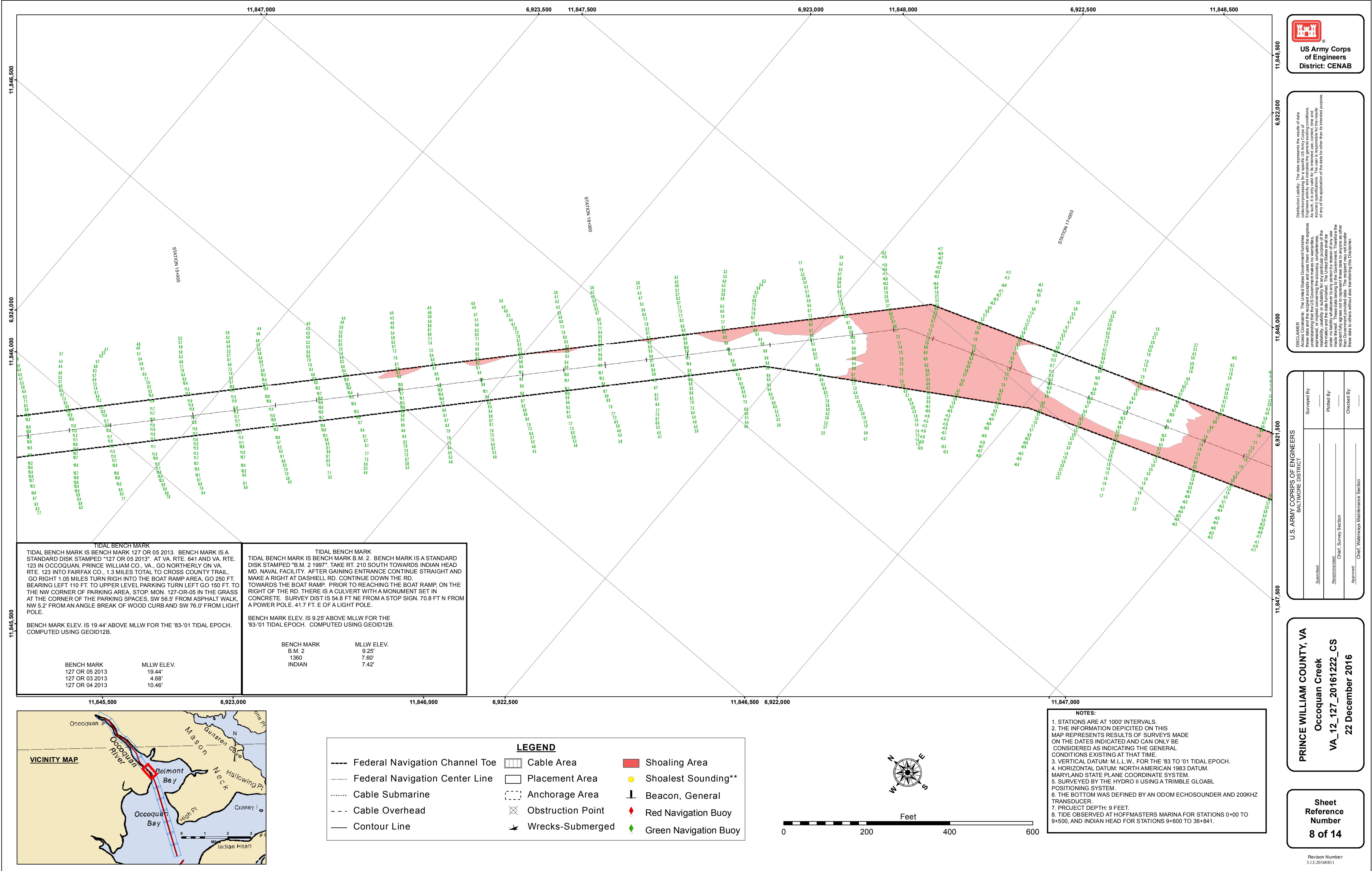




TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK 127 OR 05 2013. BENCH MARK IS A STANDARD DISK STAMPED "127 OR 05 2013". AT VA. RTE. 641 AND VA. RTE. 123 IN OCCOQUAN, PRINCE WILLIAM CO., VA., GO NORTHERLY ON VA. RTE. 123 INTO FAIRFAX CO., 1.3 MILES TOTAL TO CROSS COUNTY TRAIL, GO RIGHT 1.05 MILES TURN RIGHT INTO THE BOAT RAMP AREA, GO 250 FT. BEARING LEFT 110 FT. TO UPPER LEVEL PARKING TURN LEFT GO 150 FT. TO THE NW CORNER OF PARKING AREA, STOP. MON. 127-OR-05 IN THE GRASS AT THE CORNER OF THE PARKING SPACES, SW 56.5' FROM ASPHALT WALK, NW 5.2' FROM AN ANGLE BREAK OF WOOD CURB AND SW 76.0' FROM LIGHT POLE.

BENCH MARK ELEV. IS 19.44' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID12B.

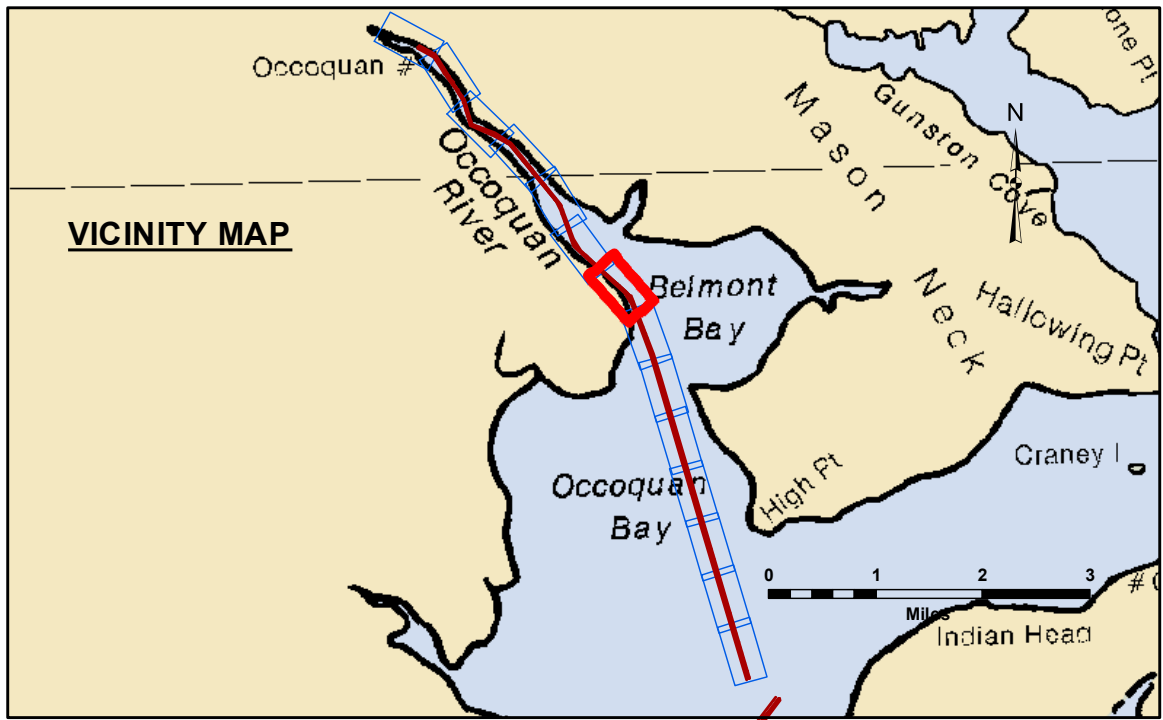
TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK B.M. 2. BENCH MARK IS A STANDARD DISK STAMPED "B.M. 2 1997". TAKE RT. 210 SOUTH TOWARDS INDIAN HEAD MD. NAVAL FACILITY. AFTER GAINING ENTRANCE CONTINUE STRAIGHT AND MAKE A RIGHT AT DASHIELL RD. CONTINUE DOWN THE RD. TOWARDS THE BOAT RAMP. PRIOR TO REACHING THE BOAT RAMP, ON THE RIGHT OF THE RD. THERE IS A CULVERT WITH A MONUMENT SET IN CONCRETE. SURVEY DIST IS 54.8 FT NE FROM A STOP SIGN. 70.8 FT N FROM A POWER POLE. 41.7 FT. E OF A LIGHT POLE.

BENCH MARK ELEV. IS 9.25' ABOVE MLLW FOR THE STOP '83-'01 TIDAL EPOCH. COMPUTED USING GEOID12B.

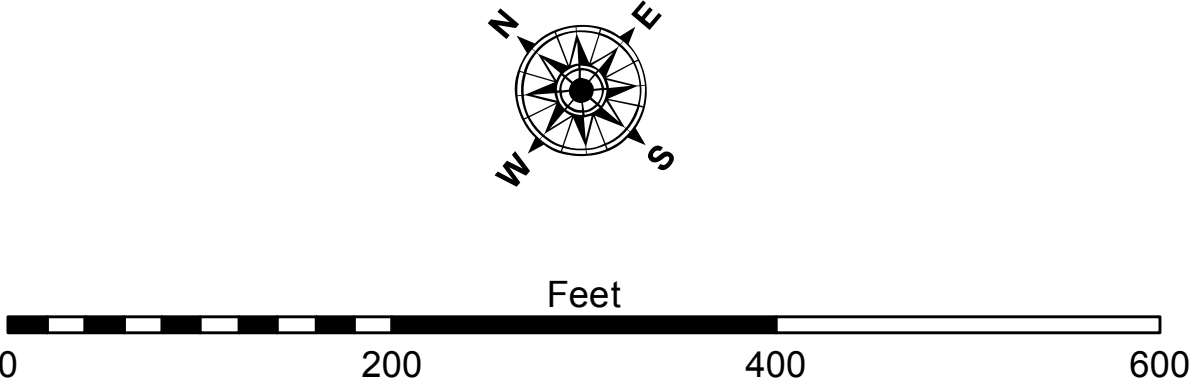
BENCH MARK	MLLW ELEV.
127 OR 05 2013	19.44'
127 OR 03 2013	4.68'
127 OR 04 2013	10.46'

BENCH MARK	MLLW ELEV.
B.M. 2	9.25'
1360	7.60'
INDIAN	7.42'



LEGEND

--- Federal Navigation Channel Toe	▨ Cable Area	■ Shoaling Area
--- Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**
..... Cable Submarine	▨ Anchorage Area	⚓ Beacon, General
- - - Cable Overhead	⊗ Obstruction Point	♦ Red Navigation Buoy
— Contour Line	✈ Wrecks-Submerged	◆ Green Navigation Buoy



NOTES:

1. STATIONS ARE AT 1000' INTERVALS.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM.
5. SURVEYED BY THE HYDRO II USING A TRIMBLE GLOABL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM ECHOSOUNDER AND 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 9 FEET.
8. TIDE OBSERVED AT HOFFMASTERS MARINA FOR STATIONS 0+00 TO 9+500, AND INDIAN HEAD FOR STATIONS 9+600 TO 36+841.



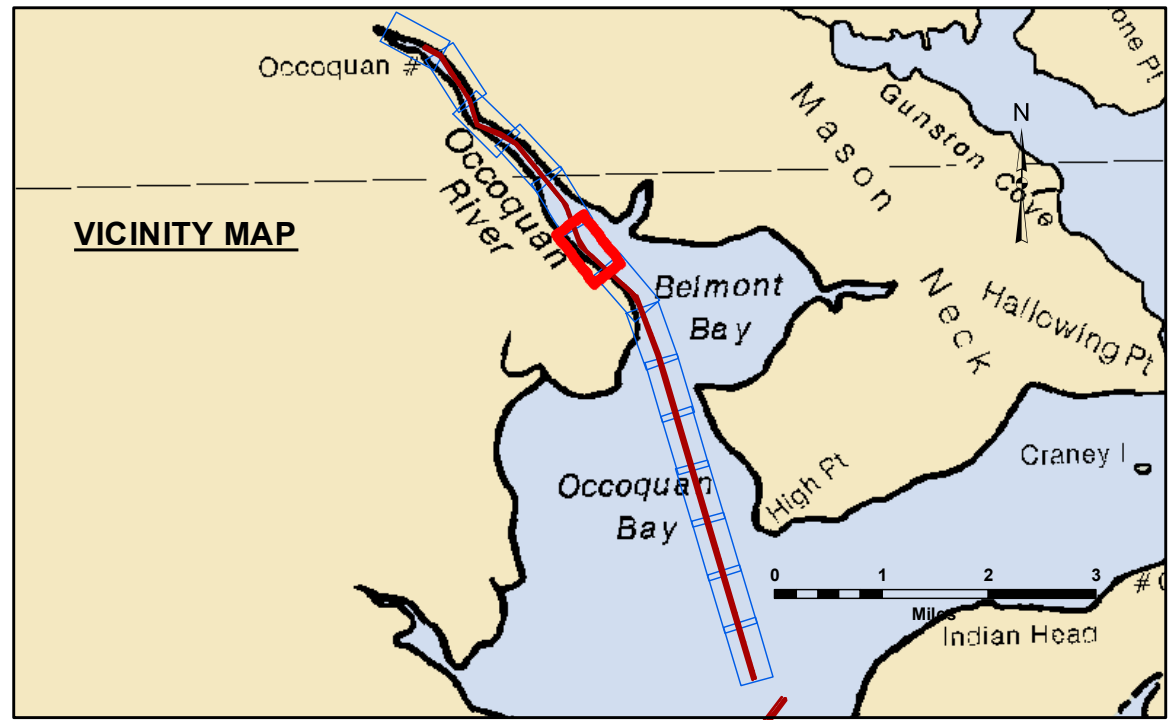
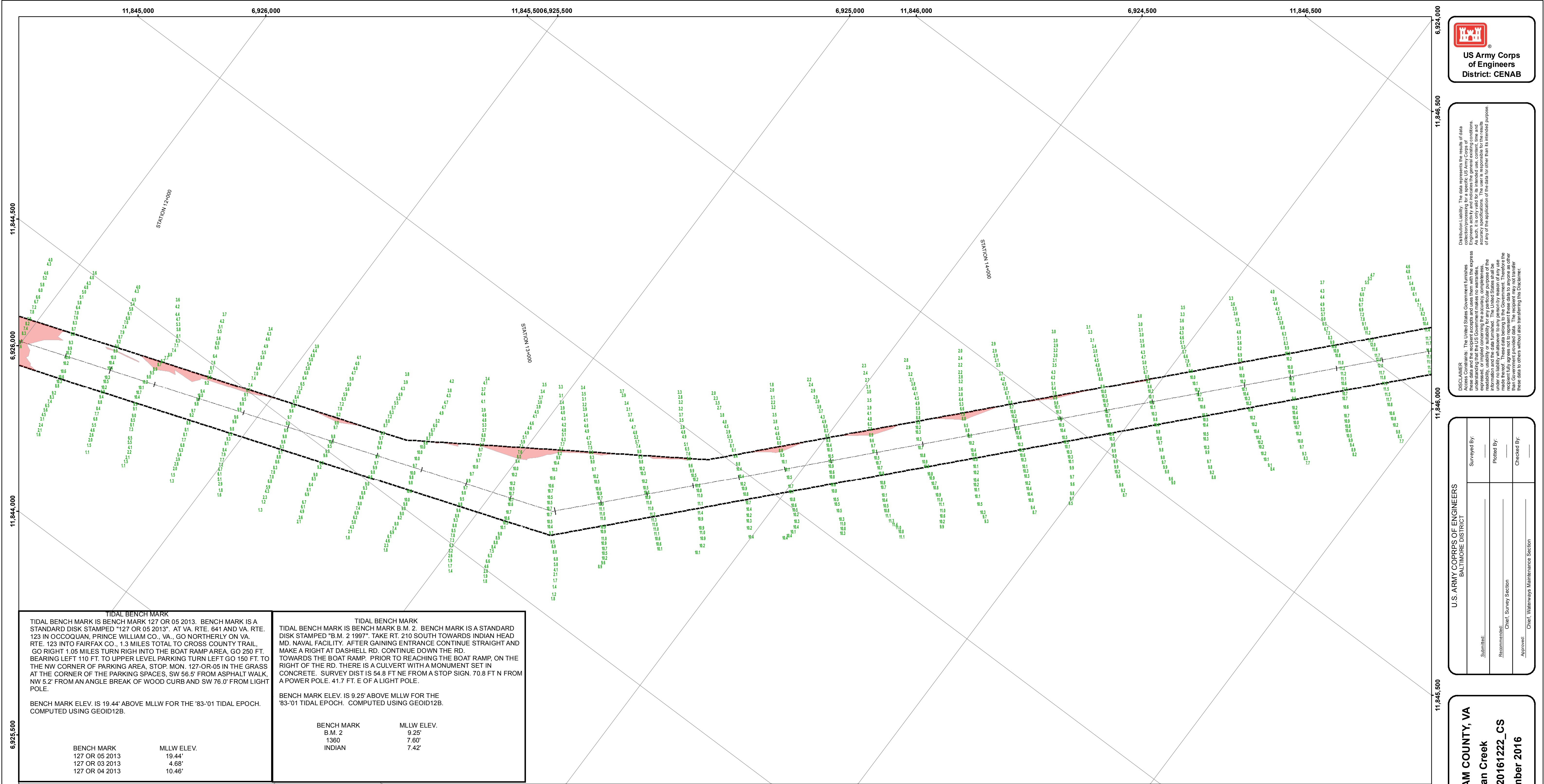
The data on this map was collected by the US Army Corps of Engineers. The data represents the results of data collection operations for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any other purpose. The user is responsible for the results of any of the application of the data for other than its intended purpose.

DISCUSSION: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were collected, expressed, or implied concerning the accuracy, completeness, readability, usability or availability for any particular purpose of the data. The data are not to be used for any purpose other than that for which they were collected, expressed, or implied concerning the accuracy, completeness, readability, usability or availability for any particular purpose of the data. The data are not to be used for any purpose other than that for which they were collected, expressed, or implied concerning the accuracy, completeness, readability, usability or availability for any particular purpose of the data. The data are not to be used for any purpose other than that for which they were collected, expressed, or implied concerning the accuracy, completeness, readability, usability or availability for any particular purpose of the data.

U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT		
Submitted:	Surveyed By:	
Reexamined:	Plotted By:	
Approved:	Chief, Survey Section	
	Chief, Waterways Maintenance Section	

PRINCE WILLIAM COUNTY, VA
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LEGEND

--- Federal Navigation Channel Toe

--- Federal Navigation Center Line

..... Cable Submarine

- - - Cable Overhead

— Contour Line

Cable Area

Placement Area

Anchorage Area

Obstruction Point

Wrecks-Submerged

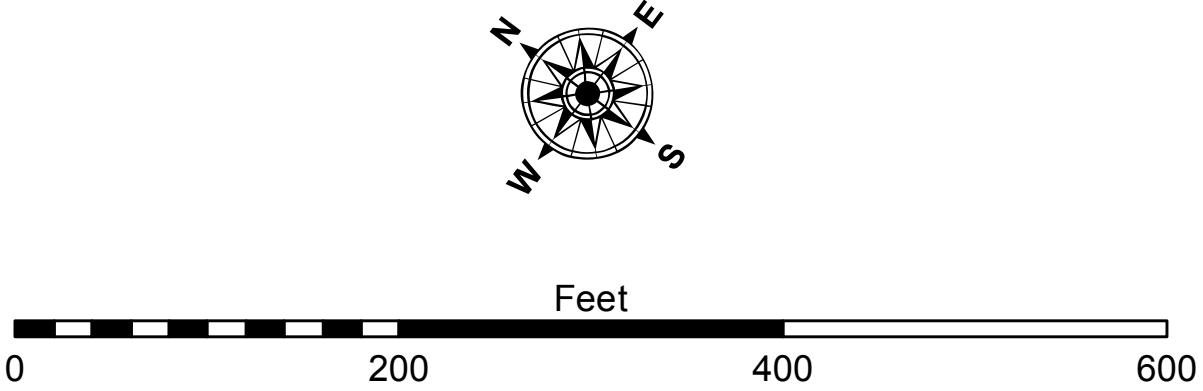
Shoaling Area

Shoalest Sounding**

Beacon, General

Red Navigation Buoy

Green Navigation Buoy



NOTES:

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U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT	Submitted By: _____	Surveyed By: _____
	Reviewed By: _____	Plotted By: _____
	Chief, Survey Section	Chief, Waterways Maintenance Section

PRINCE WILLIAM COUNTY, VA
Occoquan Creek
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