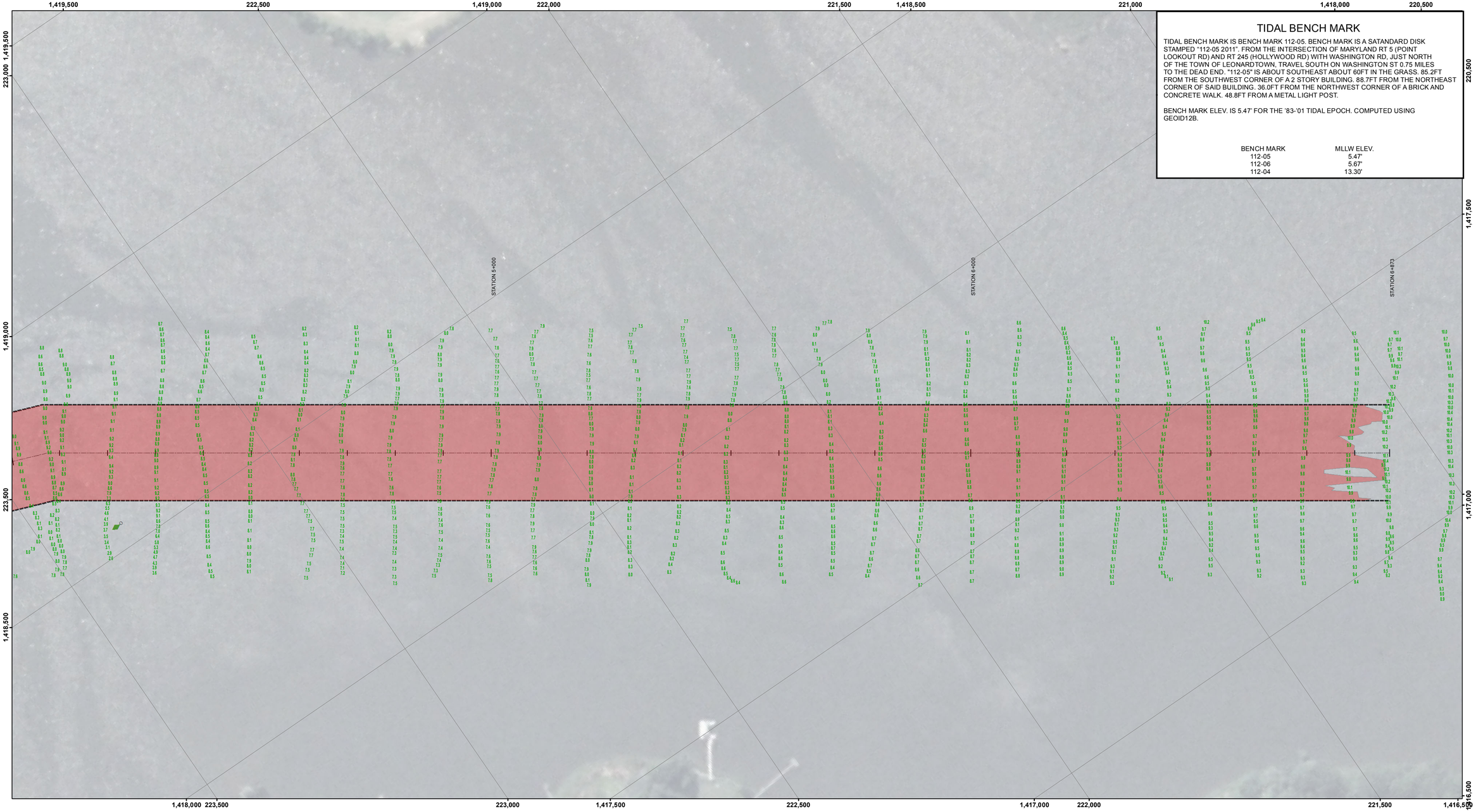
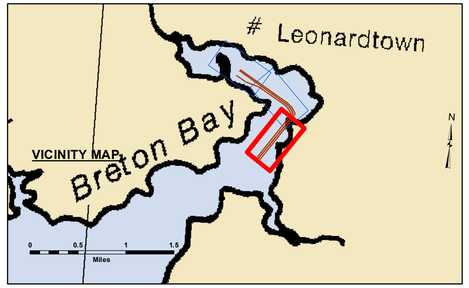


TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK 112-05. BENCH MARK IS A SATANDARD DISK STAMPED "112-05 2011". FROM THE INTERSECTION OF MARYLAND RT 5 (POINT LOOKOUT RD) AND RT 245 (HOLLYWOOD RD) WITH WASHINGTON RD, JUST NORTH OF THE TOWN OF LEONARDTOWN, TRAVEL SOUTH ON WASHINGTON ST 0.75 MILES TO THE DEAD END. "112-05" IS ABOUT SOUTHEAST ABOUT 60FT IN THE GRASS. 85.2FT FROM THE SOUTHWEST CORNER OF A 2 STORY BUILDING. 88.7FT FROM THE NORTHEAST CORNER OF SAID BUILDING. 36.0FT FROM THE NORTHWEST CORNER OF A BRICK AND CONCRETE WALK. 48.8FT FROM A METAL LIGHT POST.

BENCH MARK ELEV. IS 5.47' FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID12B.

BENCH MARK	MLLW ELEV.
112-05	5.47'
112-06	5.67'
112-04	13.30'



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

Feet
0 200 400 600

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 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, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM ECHSOUNDER AND 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 15 FEET.
8. TIDE OBSERVED AT CITY DOCK.

US Army Corps of Engineers
District: CENAB

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

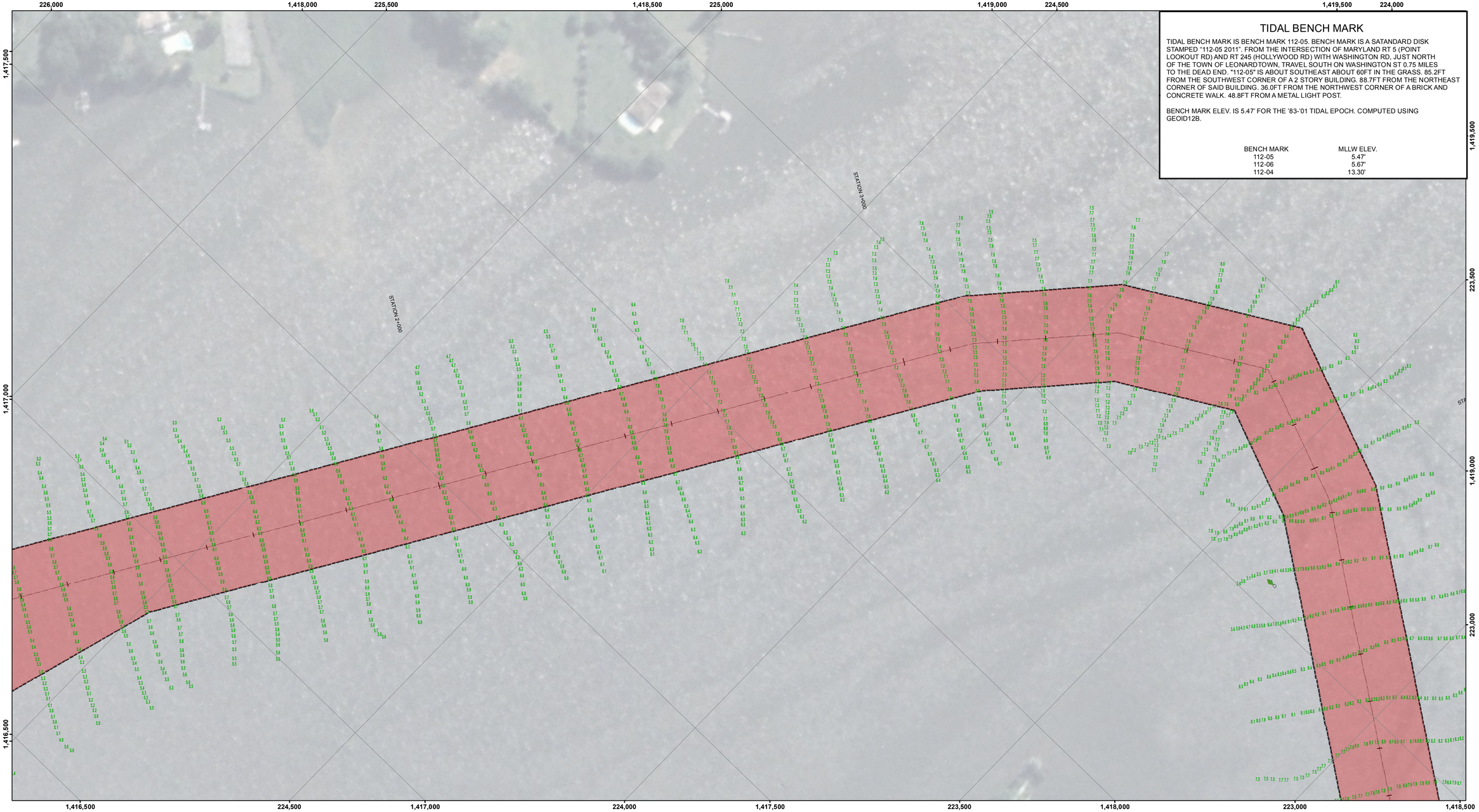
U.S. ARMY COPRPS OF ENGINEERS
BALITMORE DISTRICT

Submitted: Surveyed By:
Recommended: Plotted By:
Chief, Survey Section
Approved: Checked By:
Chief, Waterways Maintenance Section

ST. MARY'S COUNTY
Breton Bay
MD_74_112_20111117_CS
17 November 2011

Sheet Reference Number
1 of 3

Revison Number:
3.10.8-20160502



TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK 112-05. BENCH MARK IS A SATANDARD DISK STAMPED "112-05 2011". FROM THE INTERSECTION OF MARYLAND RT 5 (POINT LOOKOUT RD) AND RT 245 (HOLLYWOOD RD) WITH WASHINGTON RD, JUST NORTH OF THE TOWN OF LEONARDTOWN, TRAVEL SOUTH ON WASHINGTON ST 0.75 MILES TO THE DEAD END. "112-05" IS ABOUT SOUTHEAST ABOUT 60FT IN THE GRASS. 85.2FT FROM THE SOUTHWEST CORNER OF A 2 STORY BUILDING. 88.7FT FROM THE NORTHEAST CORNER OF SAID BUILDING. 36.0FT FROM THE NORTHWEST CORNER OF A BRICK AND CONCRETE WALK. 48.8FT FROM A METAL LIGHT POST.

BENCH MARK ELEV. IS 5.47' FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID12B.

BENCH MARK	MLLW ELEV.
112-05	5.47'
112-06	5.67'
112-04	13.30'

US Army Corps of Engineers
District: CENAB

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project and is provided for specific conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any misapplication of the data or derivatives of the data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes this map/chart/publication "as is" without express or implied warranty of any kind, including any warranty of understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this information. In no event will the information and the data furnished. The United States shall be liable for any damages that result from any errors or omissions in the information and the data furnished. The United States shall be made the roof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data received from the Government. The recipient may not these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

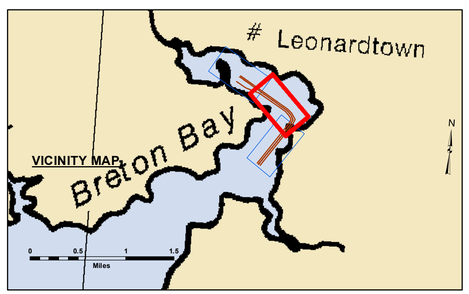
Surveyed By:	Plotted By:	Checked By:
____	____	____

Submitted: _____
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

ST. MARY'S COUNTY
Breton Bay
MD_74_112_20111117_CS
17 November 2011

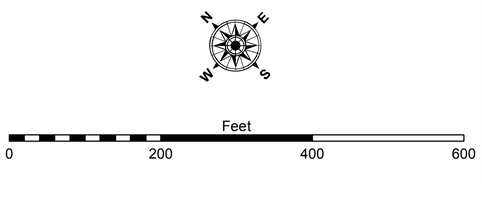
Sheet Reference Number
2 of 3

Revison Number:
3.10.8-20160502



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:

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 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, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM ECHSOUNDER AND 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 15 FEET.
8. TIDE OBSERVED AT CITY DOCK.

1,415,000 1,415,500 1,416,000 226,500 1,416,500 1,417,000 226,000

227,000 1,414,500 226,500 1,417,000 225,500 224,500 226,000

STATION 0+000

STATION 1+000

1,414,500 225,500 1,415,000 1,415,500 225,000 1,416,000 1,416,500

TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK 112-05. BENCH MARK IS A SATANDARD DISK STAMPED "112-05 2011". FROM THE INTERSECTION OF MARYLAND RT 5 (POINT LOOKOUT RD) AND RT 245 (HOLLYWOOD RD) WITH WASHINGTON RD, JUST NORTH OF THE TOWN OF LEONARDTOWN, TRAVEL SOUTH ON WASHINGTON ST 0.75 MILES TO THE DEAD END. "112-05" IS ABOUT SOUTHEAST ABOUT 60FT IN THE GRASS. 85.2FT FROM THE SOUTHWEST CORNER OF A 2 STORY BUILDING. 88.7FT FROM THE NORTHEAST CORNER OF SAID BUILDING. 36.0FT FROM THE NORTHWEST CORNER OF A BRICK AND CONCRETE WALK. 48.8FT FROM A METAL LIGHT POST.

BENCH MARK ELEV. IS 5.47' FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID12B.

BENCH MARK	MLLW ELEV.
112-05	5.47'
112-06	5.67'
112-04	13.30'

US Army Corps of Engineers
District: CENAB

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project and was collected under project conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the data's appropriateness for their intended purpose. The user assumes all liability for any misinterpretation of the data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes this digital data and cartographic product with the express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this information for any purpose. The information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data furnished by the Government. The recipient shall not transfer these data to others without also transferring this Disclaimer.

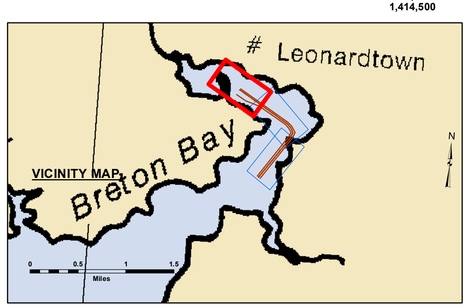
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

	Surveyed By:	Plotted By:	Checked By:
Submitted:	____	____	____
Recommended: Chief, Survey Section			
Approved: Chief, Waterways Maintenance Section			

ST. MARY'S COUNTY
Breton Bay
MD_74_112_20111117_CS
17 November 2011

Sheet Reference Number
3 of 3

Revison Number:
3.10.8-20160502



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

N E S W

Feet
0 200 400 600

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 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, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE HYDRO II USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM ECHSOUNDER AND 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 15 FEET.
8. TIDE OBSERVED AT CITY DOCK.