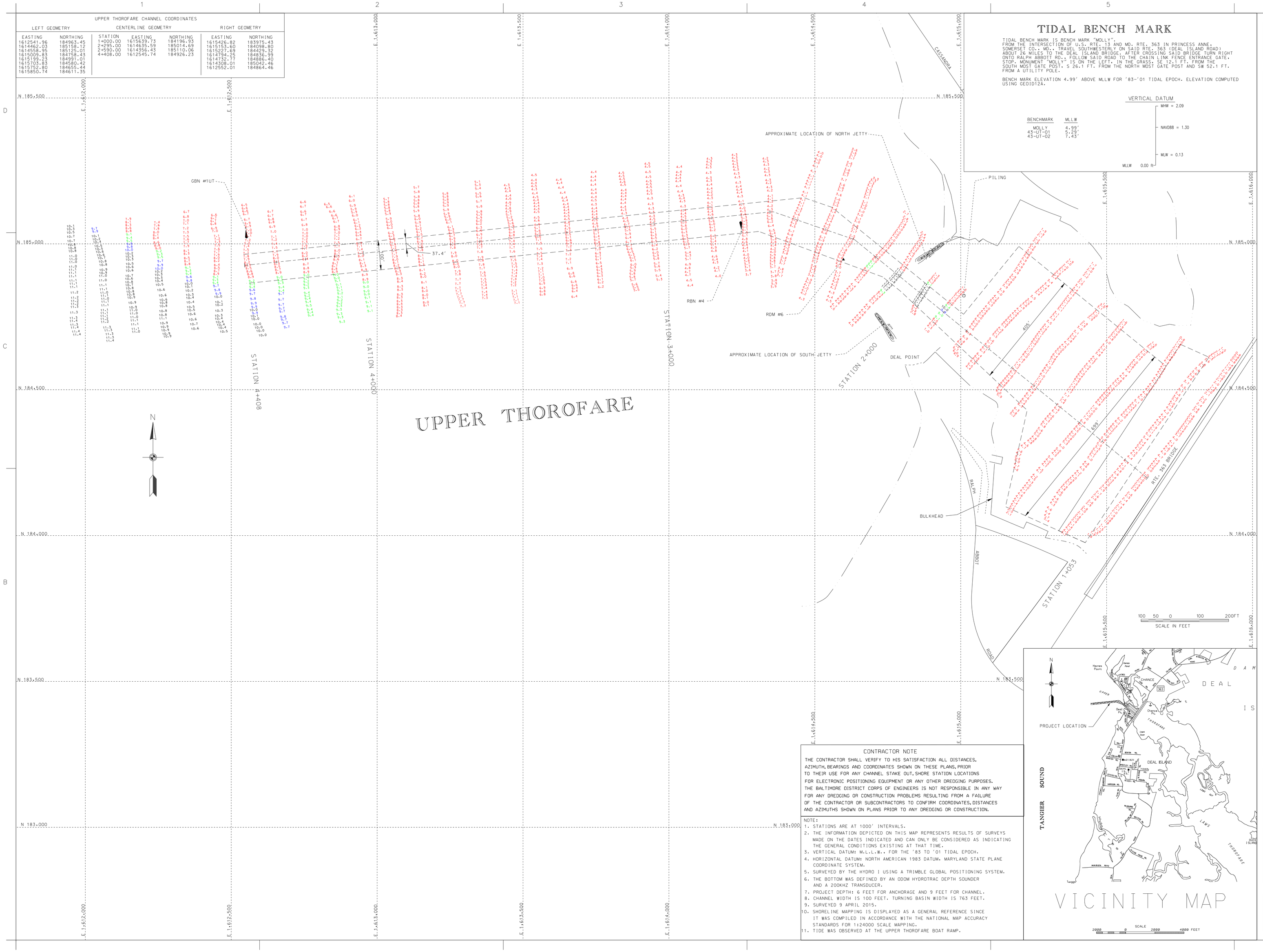
UPPER THOROFARE CHANNEL COORDINATES

LEFT GEOMETRY		CENTERLINE GEOMETRY			RIGHT GEOMETRY	
EASTING	NORTHING	STATION	EASTING	NORTHING	EASTING	NORTHING
1612541.96	184963.45	1+000.00	1613639.73	184196.93	1615426.82	183975.43
1614462.03	185158.12	2+295.00	1614635.59	185014.69	1615153.60	184098.80
1614558.95	185125.01	2+590.00	1614356.43	185110.06	1615227.69	184429.32
1615099.83	184758.43	4+408.00	1612545.74	184926.23	1614794.25	184836.99
1615199.23	184991.01				1614732.77	184886.40
1615703.83	184580.42				1614308.01	185042.46
1615752.80	184655.44				1612552.01	184864.46
1615850.74	184611.35					



TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK "MOLLY". FROM THE INTERSECTION OF U.S. RTE. 13 AND MD. RTE. 363 IN PRINCESS ANNE, SOMERSET CO., MD., TRAVEL SOUTHWESTERLY ON SAID RTE. 363 (DEAL ISLAND ROAD) ABOUT 26 MILES TO THE DEAL ISLAND BRIDGE. AFTER CROSSING SAID BRIDGE TURN RIGHT ONTO RALPH ABBOTT RD., FOLLOW SAID ROAD TO THE CHAIN LINK FENCE ENTRANCE GATE. STOP. MONUMENT "MOLLY" IS ON THE LEFT. IN THE GRASS. SE 12.1 FT. FROM THE SOUTH MOST GATE POST. S 26.1 FT. FROM THE NORTH MOST GATE POST AND SW 52.1 FT. FROM A UTILITY POLE.

BENCH MARK ELEVATION 4.99' ABOVE MLLW FOR '83-'01 TIDAL EPOCH. ELEVATION COMPUTED USING GEOID12A.

VERTICAL DATUM

BENCHMARK	MLLW
MOLLY	4.99'
43-UT-01	5.29'
43-UT-02	7.43'

MHW = 2.09
NAVD88 = 1.30
MLW = 0.13
MLLW 0.00 ft

CONTRACTOR NOTE

THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DISTANCES, AZIMUTH, BEARINGS AND COORDINATES SHOWN ON THESE PLANS, PRIOR TO THEIR USE FOR ANY CHANNEL STAKE OUT, SHORE STATION LOCATIONS FOR ELECTRONIC POSITIONING EQUIPMENT OR ANY OTHER DREDGING PURPOSES. THE BALTIMORE DISTRICT CORPS OF ENGINEERS IS NOT RESPONSIBLE IN ANY WAY FOR ANY DREDGING OR CONSTRUCTION PROBLEMS RESULTING FROM A FAILURE OF THE CONTRACTOR OR SUBCONTRACTORS TO CONFIRM COORDINATES, DISTANCES AND AZIMUTHS SHOWN ON PLANS PRIOR TO ANY DREDGING OR CONSTRUCTION.

NOTE:
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. MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE HYDRO I USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM HYDROTRAC DEPTH SOUNDER AND A 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 6 FEET FOR ANCHORAGE AND 9 FEET FOR CHANNEL.
8. CHANNEL WIDTH IS 100 FEET. TURNING BASIN WIDTH IS 763 FEET.
9. SURVEYED 9 APRIL 2015.
10. SHORELINE MAPPING IS DISPLAYED AS A GENERAL REFERENCE SINCE IT WAS COMPILED IN ACCORDANCE WITH THE NATIONAL MAP ACCURACY STANDARDS FOR 1:24000 SCALE MAPPING.
11. TIDE WAS OBSERVED AT THE UPPER THOROFARE BOAT RAMP.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

Designed by:
Dwn by: JA
Ckd by: DBG
Reviewed by: DMG
Submitted by:
Date: APRIL '15
Design file no: 01CP13-UPPER-001
Drawing code:
File name: ALCAL20150409
Plot date:
Plot scale:
Rev.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

SOMERSET COUNTY
MARYLAND

CONDITION SURVEY
UPPER THOROFARE DEAL ISLAND
STATION 1+053 TO 4+408

Sheet reference number:
V-101
Sheet 1 of 1