

NOAA Nautical Charting Calendar



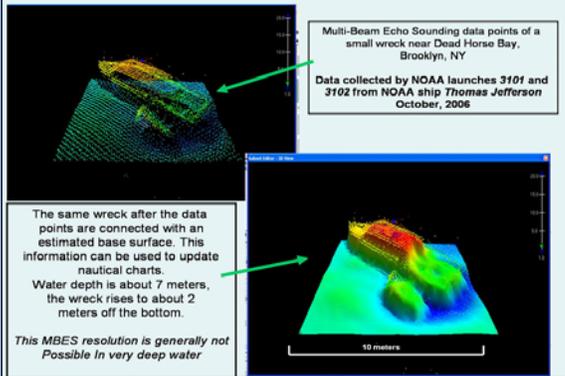
The NOAA hydrographic survey ship *Thomas Jefferson*[†], whose home port is Norfolk, VA, has the primary mission to collect and process data needed to maintain and update the nautical charts along the U.S. East Coast, Gulf of Mexico, Puerto Rico and the U.S. Virgin Islands. The “TJ” and its launches typically survey 300 square nautical miles annually. In the current field season (10/2008 – 9/2009) it is scheduled to survey in Chesapeake Bay, Long Island Sound, Block Island Sound, and the Approaches to New York Harbor.

General Specifications

Length (LOA): 208 ft. (63.4 m)	Gross Tonnage: 1,466 tons
Breadth (moulded): 45 ft. (13.7 m)	Net Tonnage: 966 tons
Draft, Maximum: 14 ft. (4.3 m)	Cruising Speed: 12 knots
Hull: Welded Steel	Range: 19,200 nmi
Loaded Displacement: 2,000 tons	Endurance: 45 days

Survey Equipment

- Simrad EM-1002 shallow to mid water multibeam
- Klein K5500 high-speed-high-resolution-side-scan-sonar
- Net Apps storage for collected data (1 terabyte)
- Wireless electronic chart display
- POS/MV heave, roll, pitch and motion sensor
- CTD winch for sound velocity casts
- ODIM (Brook-Ocean) Moving Vessel Profiler for sound speed (velocity) data
- Odom MK II single beam echo sounder (upgrade to MKIII FY 04)
- Two, 31 ft. hydrographic survey launches, similarly equipped.



August 2009



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
† See http://www.moc.noaa.gov/tj/index.html for more information on the <i>Thomas Jefferson</i> .						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	Prepared by the Office of Coast Survey, National Ocean Service, NOAA, www.NauticalCharts.NOAA.gov , 1-301-713-2770. Note: Add your information to the Calendar using Adobe Reader 7 or later. The tools are found at the Tools -> Commenting, and Tools -> Drawing Markup features of Adobe Reader.				