



**NM 15/10**

# HYDROGRAM

**National Geospatial-Intelligence Agency  
Bethesda, MD 20816-5003**



**10 April 2010**

## **NOAA NAUTICAL CHART DISPLAY OF LORAN-C**

TRANSMISSION OF LORAN-C SIGNALS IN THE UNITED STATES WAS TERMINATED FEBRUARY 8, 2010. NEW EDITIONS OF NOAA NAUTICAL CHARTS WILL NO LONGER DISPLAY LORAN-C LATTICE LINES, LORAN-C INTERPOLATORS, OR NOTES ASSOCIATED WITH LORAN-C. QUESTIONS CONCERNING THIS POLICY MAY BE DIRECTED TO <http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx>.

## **MARAD ADVISORIES**

THE MARITIME ADMINISTRATION HAS ISSUED MARAD ADVISORY 10-5 PROVIDING INFORMATION ON THE RISK TO VESSELS TRANSITING THE HIGH RISK WATERS OF THE GULF OF ADEN (GOA), RED SEA, THE INDIAN OCEAN AND WATERS OFF THE HORN OF AFRICA (SOMALIA) AND MARAD ADVISORY 10-6 PROVIDING GUIDANCE TO VESSELS TRANSITING THE HIGH RISK WATERS OF THE GULF OF ADEN (GOA), RED SEA, THE INDIAN OCEAN AND WATERS OFF THE HORN OF AFRICA (SOMALIA). SEE SECTION III.

## **NEW EDITION OF COAST PILOT**

U.S. COAST PILOT 6, GREAT LAKES: LAKES ONTARIO, ERIE, HURON, MICHIGAN, AND SUPERIOR AND ST. LAWRENCE RIVER, FORTIETH EDITION, 2010, IS READY FOR ISSUE. SEE SECTIONS II AND III.

## **NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY**

NOAA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

## **NEW EDITION OF SAILING DIRECTIONS**

PUB. 161, SAILING DIRECTIONS (ENROUTE) SOUTH CHINA SEA AND THE GULF OF THAILAND, TWELFTH EDITION, 2010, IS AVAILABLE AT THE MARITIME SAFETY WEB SITE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

## **NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY**

THIS NOTICE IS A REMINDER OF THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) HARDCOPY TO DIGITAL TRANSITION PROGRAM. SEE SECTION III FOR DETAILS.