

## LORAN-C GENERAL INFORMATION

### \*\*\* Special Notice Regarding LORAN Closure: \*\*\*

#### **TERMINATION OF U.S. LORAN-C SIGNALS:**

In accordance with the 2010 DHS Appropriations Act, the U.S. Coast Guard terminated the transmission of all U.S. LORAN-C signals on 08 Feb 2010.

#### **TERMINATION OF RUSSIAN AMERICAN LORAN-CHAYKA SIGNALS:**

The U.S. Coast Guard transmission of the Russian American signal was terminated on 01 Aug 2010.

#### **TERMINATION OF CANADIAN COAST LORAN-C SIGNALS:**

The U.S. Coast Guard transmission of Canadian LORAN-C signals was terminated on 03 Aug 2010.

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LORAN-C was originally developed to provide radionavigation service for U.S. coastal waters and was later expanded. The LORAN-C system served the 48 continental states, their coastal areas, and parts of Alaska until February 8, 2010, when the signal was terminated. Twenty-four U.S. LORAN-C stations worked in partnership with Canadian and Russian stations to provide coverage in Canadian waters and in the Bering Sea. The system provided better than 0.25 nautical mile absolute accuracy for suitably equipped users within the published areas. Additionally, it provided navigation, location, and timing services for both civil and military air, land, and marine users. It was approved as an en route supplemental air navigation system for both Instrument Flight Rule (IFR) and Visual Flight Rule (VFR) operations. Dedicated Coast Guard men and women did an excellent job running and maintaining the LORAN-C signal for 52 years. It was a service and mission of which the entire Coast Guard can be proud.

### LORAN-C Termination Information

The Coast Guard published a Federal Register notice on Jan. 7, 2010, regarding its intention to terminate transmission of the LORAN-C signal Feb. 8, 2010. A LORAN Programmatic Environmental Impact Statement Record of Decision stating that the environmentally preferred alternative is to decommission the LORAN-C Program and terminate the North American LORAN-C signal was published in the Federal Register on Jan. 7, 2010.

The [entire Specification](#) may be downloaded also.

LORAN-C, as a result of technological advancements in the last 20 years, became an antiquated system no longer required by the armed forces, the transportation sector or the nation's security interests.

The Coast Guard enjoyed a long and close relationship with the many communities located near LORAN-C facilities and we value those relationships. The Coast Guard will continue to honor those relationships by working to minimize any adverse impacts to communities caused by site closures.

The decision to cease transmission of the LORAN-C signal reflects the president's pledge to eliminate unnecessary federal programs.

### Pertinent Documents Regarding Termination of LORAN-C

- [Signed Federal Register Notice \(1-4-2010\), Docket No. USCG-2009-0299](#)
- [Signed Record of Decision on U.S. Coast Guard Long Range Aids-to-Navigation Program \(1-4-2010\)](#)