

The MarineCadastre.gov team relies on a wide variety of partners and resources to design, build, manage, and share AIS data. Here are some of the links we recommend to new users of AIS when they have questions.

Introduction to AIS

[Automatic Identification System Overview](#), Navigation Center, U.S. Coast Guard

[Automatic Identification System – An Introduction](#), National Marine Electronic Association

[Shipboard Automatic Identification System Displays, Meeting the Needs of Mariners](#), Special Report 273 (2003). The National Academies Press, and the Transportation Research Board

[Automatic Identification System](#), International Maritime Organization

Raw Data Messages

[AIS Messages](#), Navigation Center, U.S. Coast Guard

[Class A AIS Position Report \(Messages 1, 2, and 3\)](#), Navigation Center, U.S. Coast Guard

[AIS Class A Ship Static and Voyage Related Data \(Message 5\)](#), Navigation Center, U.S. Coast Guard

[AIS Standard Class B Equipment Position Report \(Message 18\)](#), Navigation Center, U.S. Coast Guard

Vessel Identification

[Vessel Information Verification Service \(VIVS\)](#), Navigation Center, U.S. Coast Guard

[Vessel Search](#), Port State Information Exchange (PSIX), U.S. Coast Guard

[Vessel Documentation Search by Name](#), NOAA Office of Science and Technology

[Ship Station – Search](#), International Telecommunication Union (ITU)

[Ship License Search](#), Universal Licensing System, Federal Communications System

[Port State Information Exchange Web Service](#), U.S. Coast Guard

[Vessel Identification Numbers](#), Internal Revenue Service

[Vessel Type Codes](#), MarineCadastre.gov

Rules, Statutes, and Standards

[Title 33: Code of Federal Regulations – Carriage Requirements](#), U.S. Coast Guard

[Vessel Requirements for Notices of Arrival and Departure, and Automatic Identification System; AIS Information Collection](#), A Rule by the Coast Guard on April 7, 2016, Federal Register

[Title 33: Code of Federal Regulations – Navigation and Navigable Waters, Section 164.46 – Automatic Identification System \(AIS\)](#), Government Publishing Office

[Title 46: Code of Federal Regulations – U.S. Code Shipping](#), U.S. House of Representatives, Office of the Law Revision Counsel

[M.1371: Technical Characteristics For An Automatic Identification System Using Time-Division Multiple Access In The VHF Maritime Mobile Band](#), International Telecommunication Union

[International Maritime Organization Maritime Safety Committee Resolutions](#), Navigation Center, U.S. Coast Guard

Studies, Educational Material, and Recommendations

[Vessel Identification System Development Needs to Be Reassessed](#), Report to the Subcommittee on U.S. Coast Guard and Maritime Transportation, Committee on Transportation and Infrastructure, House of Representatives, May 2002

[How to Process AIS Data to Maximize Utility and Overcome Data Challenges](#), A presentation to the Transportation Research Board, September 18, 2018

[Ship Type Identification Recommendations](#), 6 February 2016, International Hydrographic Organization

Data Sharing and Redistribution

[AIS Data Sharing Categories and Requirements](#), Navigation Center, U.S. Coast Guard