



United States Aids to Navigation System (USATONS)

"The primary objective of the USATONS is to mitigate transit risks to promote the safe, economic, and efficient movement of military, commercial, and other vessels by assisting navigators with determining their position, a safe course, and warning them of dangers and obstructions."





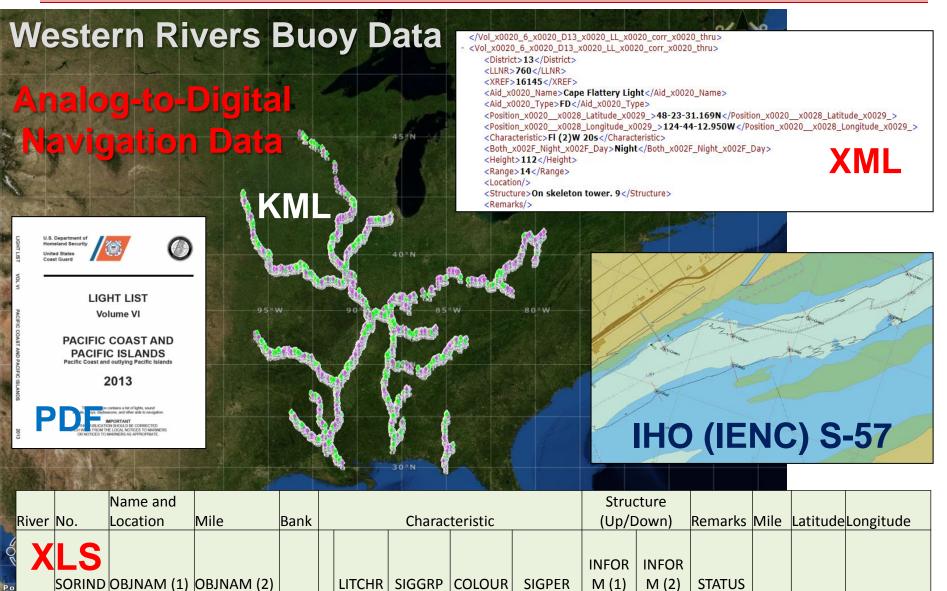
"The ultimate goal of e-Navigation efforts in the U.S. is to use timely and reliable information to make the U.S. Marine Transportation System operate



"The U.S. vision for e-Navigation is to establish a framework that enables the transfer of data between and among ships and shore facilities." and that integrates and transforms that data into decision and action information."

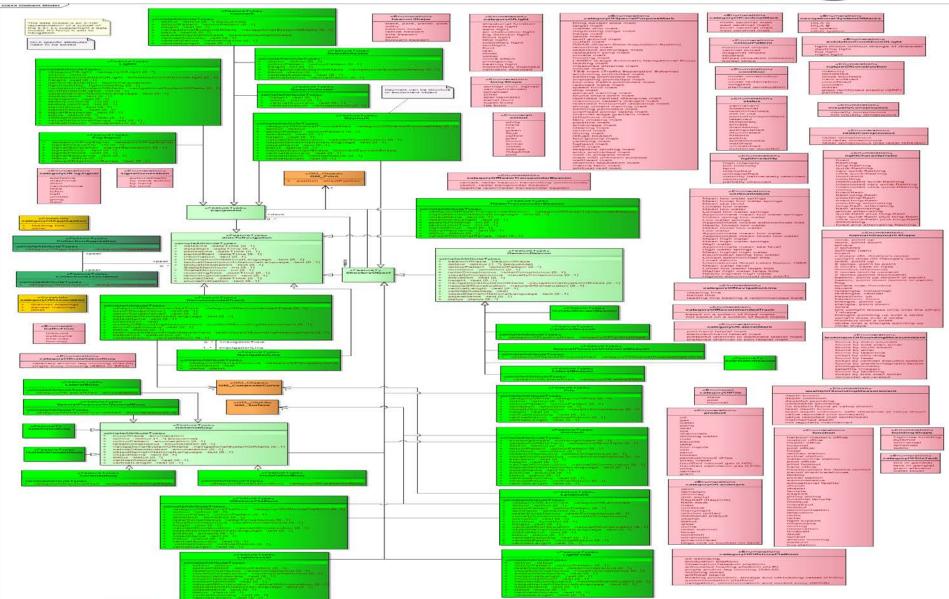










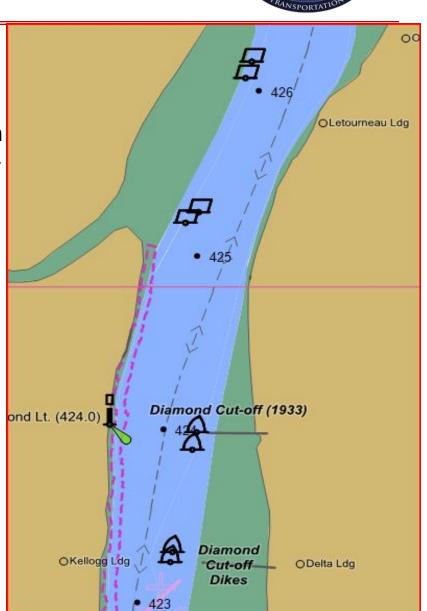






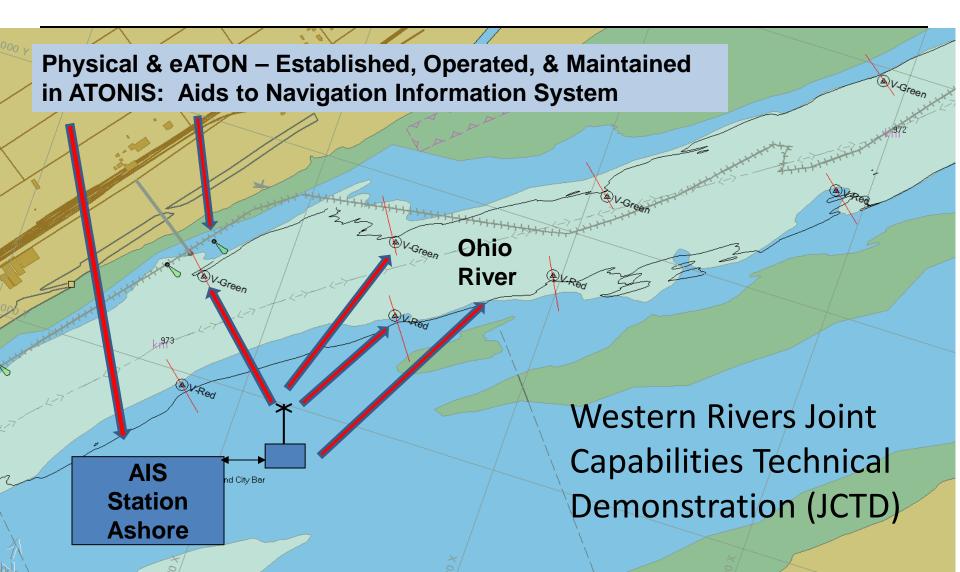
USCG Buoy Layer:

- ➤ The Official USCG Database, ATONIS as been expanded to include Western River ATON Data Software Released Jan 2015.
- ➤ Western River ATON Positioning (Inland ECS) deployment concluded spring 2017.
- ➤ Data Quality: 90-95%



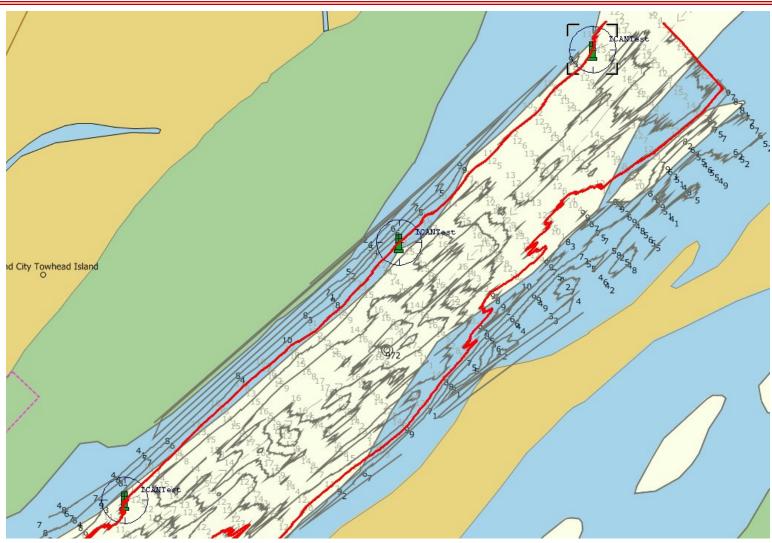
















Questions?



Robert.D.Lewald@uscg.mil

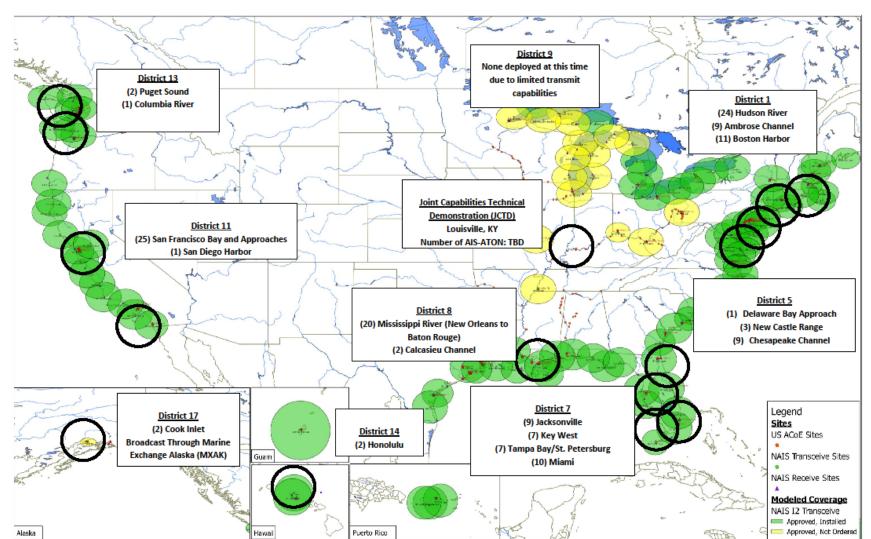


Backup Slides



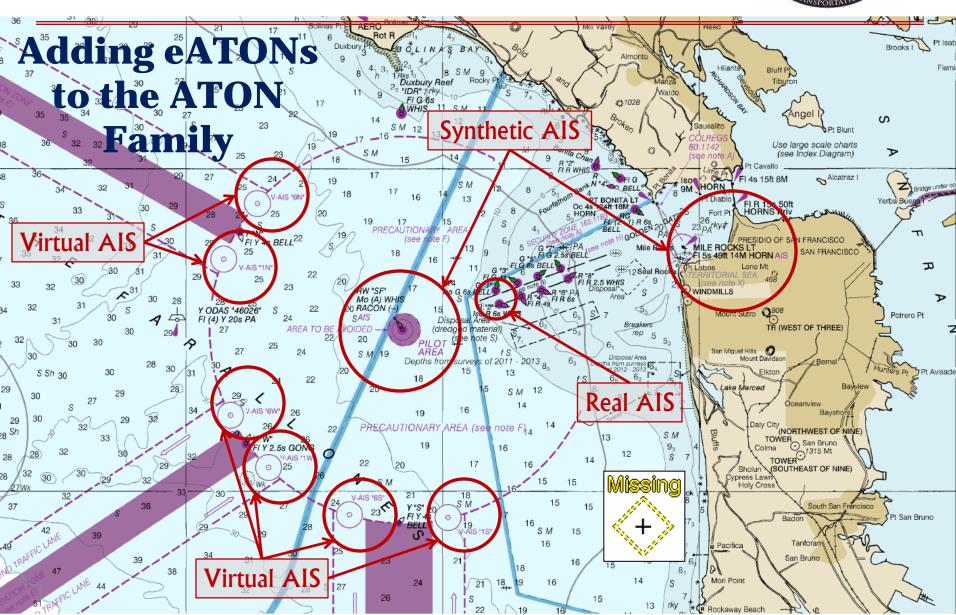


Nationwide AIS Towers and Current AIS -ATON



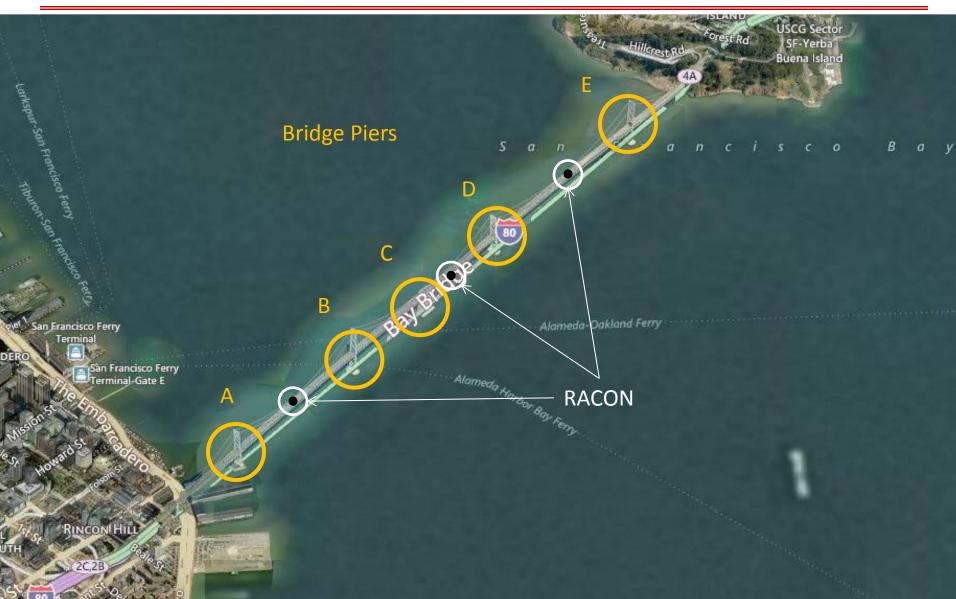












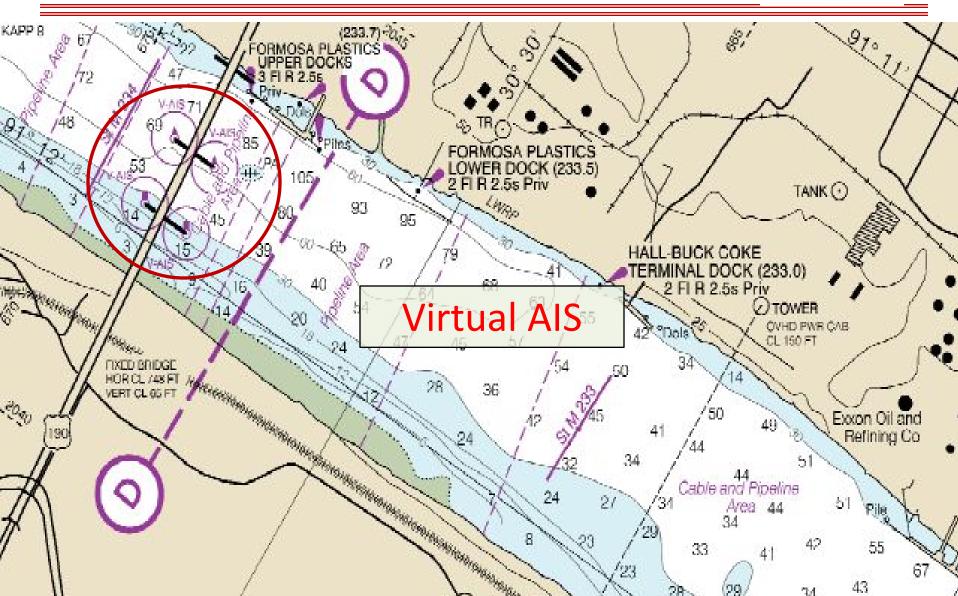






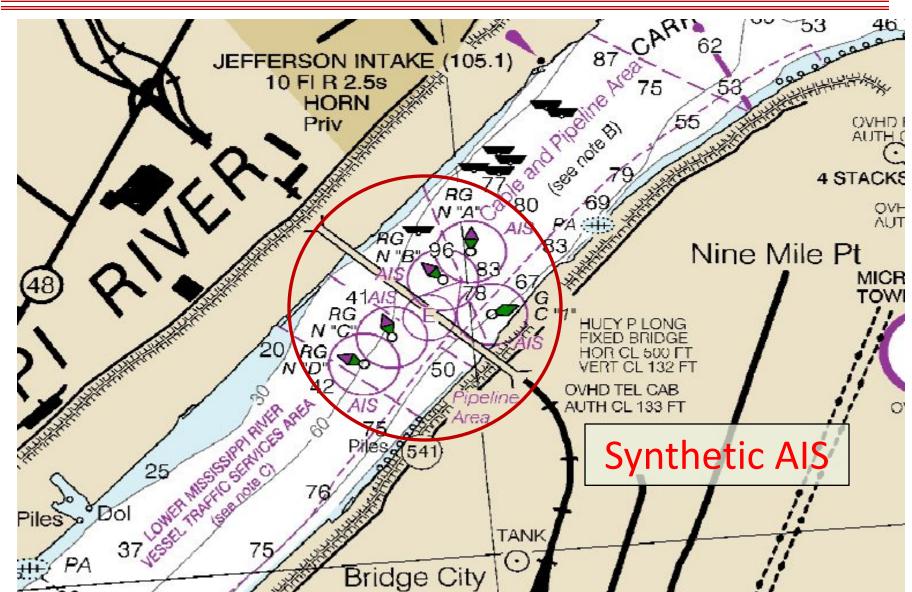
















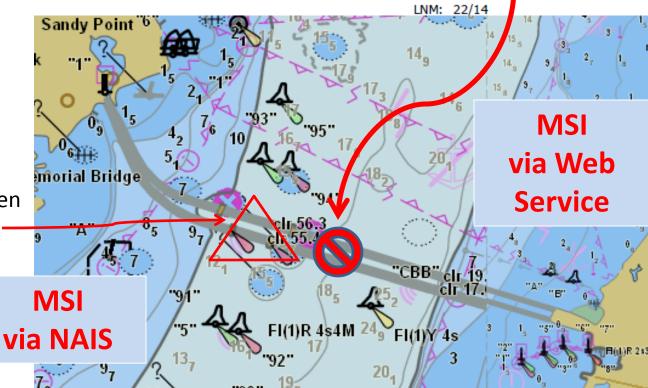
Local Notice to Mariners (PDF) via USCG NAVCEN Web Page

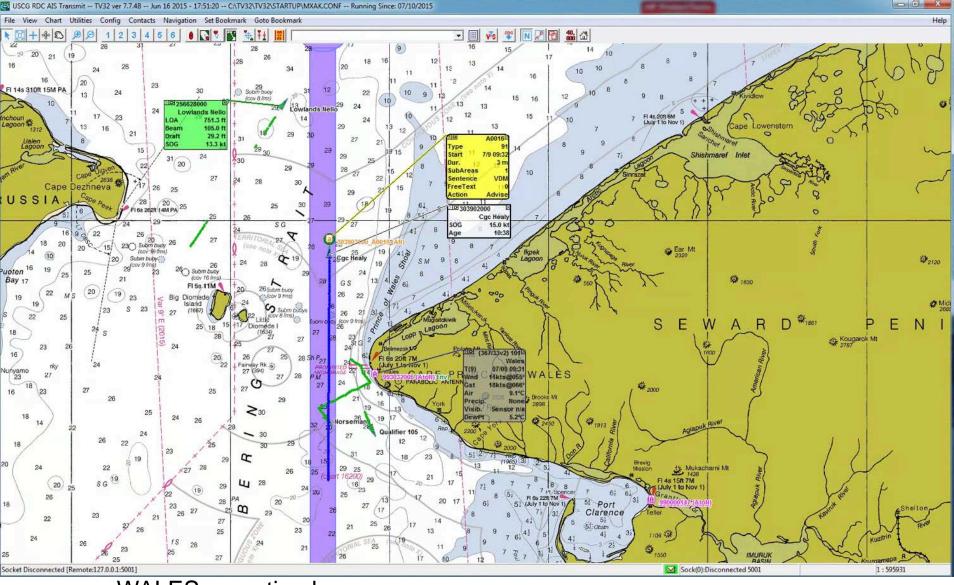
MD - WILLIAM PRESTON LANE JR MEMORIAL BRIDGE - BRIDGE INSPECTIONS AND PAINTING

Mariners are advised that Blastech Enterprises, Inc., is planning to conduct painting on the Westbound span of the William P. Lane, Jr. Memorial (Chesapeake Bay Bridges) Bridges (US-50/301), across the Chesapeake Bay, between Sandy Point, Maryland and Kent Island, Maryland, from May 28, 2014, through December 31, 2014. Work is expected to occur seven days per week, from 7 a.m. to 7 p.m. The contractor will use a 238' x 52' x 12' barge which will be moored immediately east of the East Tower (Pier #39, position 38-59-27.30 N Lat, 076-59-02.3" W Lon) and will be held in place by four 10,000 pound anchors placed approximately 500' and 30 degrees from each corner of the barge. Interested mariners can contact Mr. Theo Mamouzelos via telephone at 727-744-8866, or can contact the U.S. Coast Guard Sector Baltimore Command Center at 410-576-2693. Chart 12270

Broadcast Notice to Mariners via VHF Radio Marine Band Broadcast

"The Navigation Lights on William P. Lane Bridge have been reported to be extinguished." —

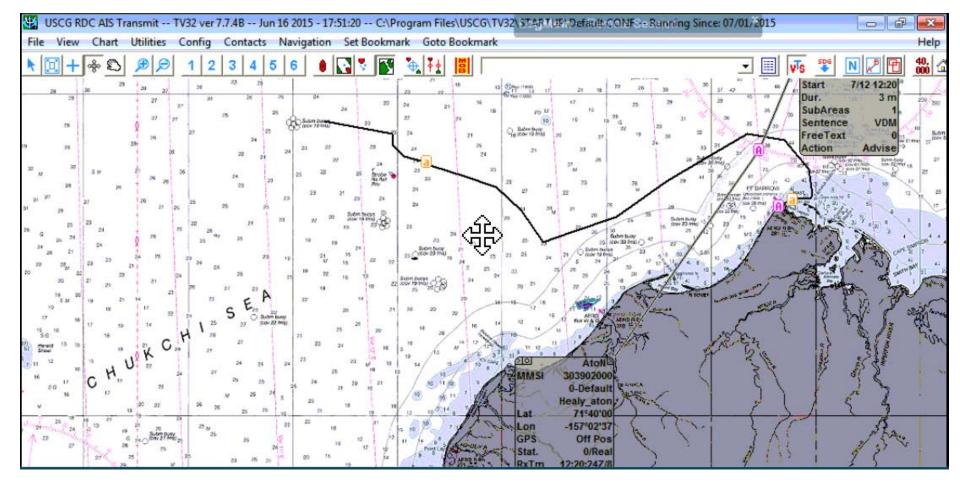




WALES reception log:

HEALY picked up at 18.4 NM, lost at 19.6 NM HEALY AtoN transmitter (generating area notice) lost at 21.8 NM

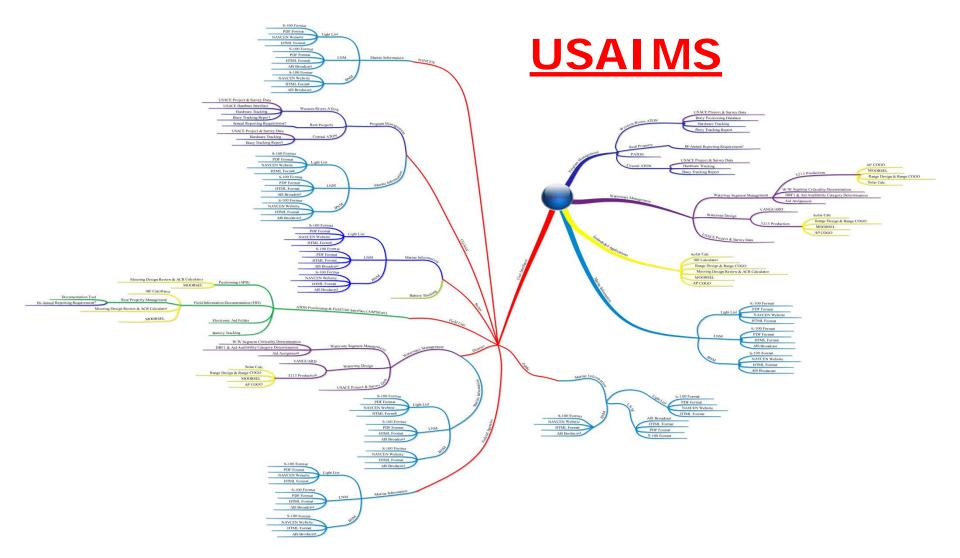
Large vessel (Lowlands Nello) picked up at 44NM



Screenshot from TV32 display on CGC HEALY on 12 July. HEALY has received the ice edge reports being transmitted from Barrow

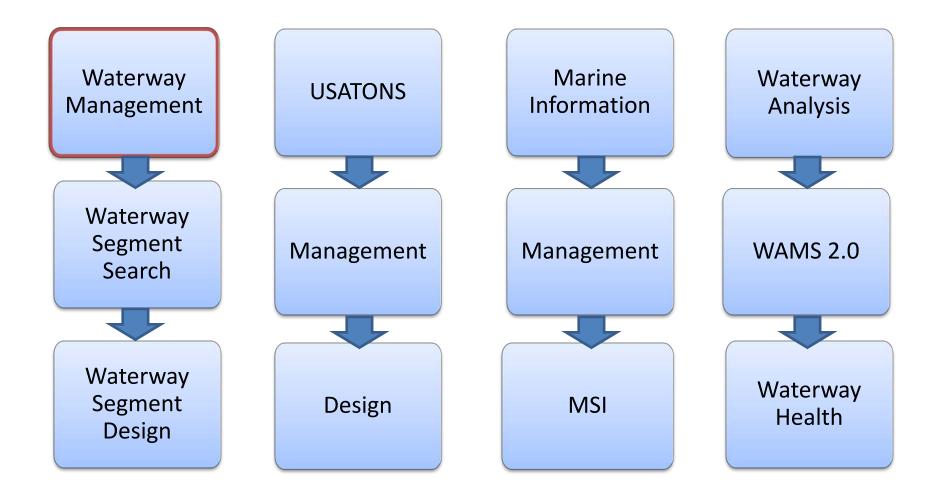














ATONIS – NAIS Interface

- > The Ability to Create VAIS & SAIS in USAIMS
- Receive ATON Establishment or Modification Confirmation Reports
- Receive ATON Verification Reports

