

# C.O.P. NEWS

## COMMON OPERATIONAL PICTURE

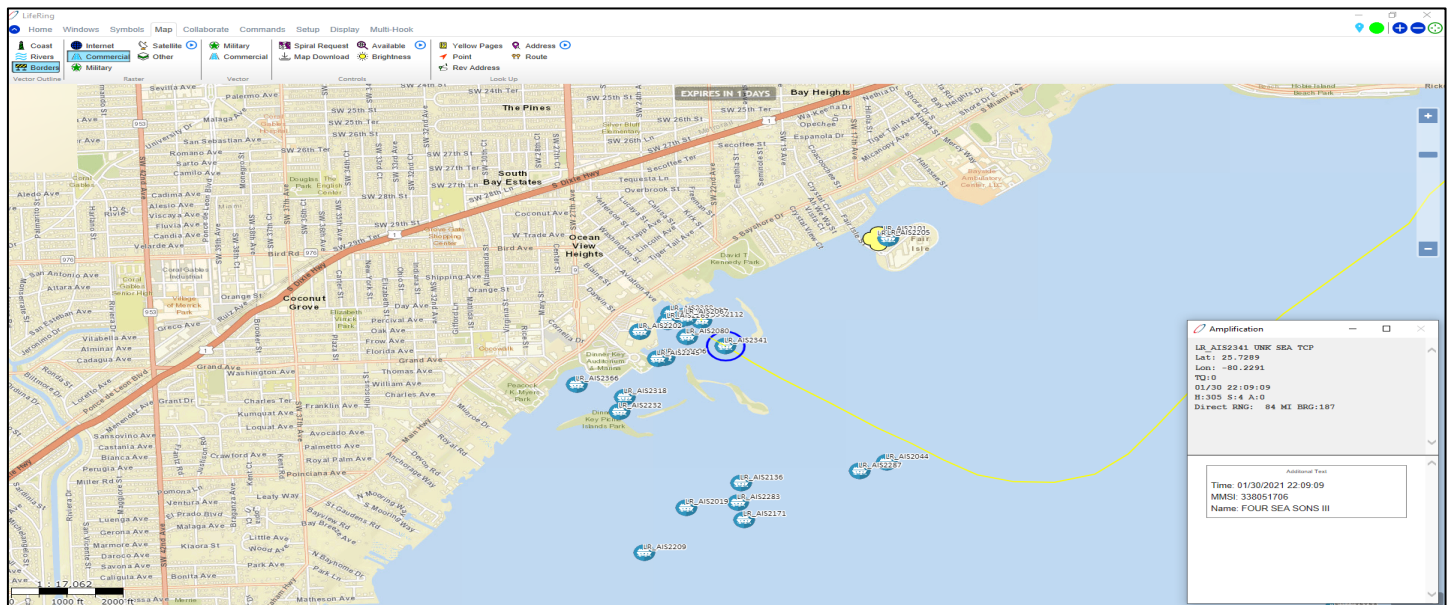
March 2021

### MDDL Enables the Display and Fusing of AIS Data with U.S. and NATO Data Links

International law requires **Automatic Identification System (AIS)** transceivers on all marine vessels over 300 tons. AIS provides worldwide ship locations between ships, shore stations and monitoring commercial satellites. Warships are exempt from having to transmit on AIS. LifeRing processes AIS together with secure U.S. and NATO C4I data links, radar feeds and other sensor information. Using Multi Domain Data Link (MDDL), the LifeRing software then converts all this information for translation and intelligence processing by interfacing U.S. and NATO C4I systems.

For example, if desired, fighter aircraft equipped with Link-16 can receive ship locations that may be outside of their radar range. Ground units near the shoreline could also be made aware of commercial vessels approaching their vicinity and the AIS information fused with their sensor data.

### AIS Ship Locations on an LifeRing PC Display



It should be noted, that ships can illegally turn off their AIS or broadcast erroneous information. This may not be to their advantage. There are other uses for this AIS information which are beyond the scope of this Newsletter, but it is an area we are able to discuss with interested and appropriate personnel if they contact us.

MDDL also enables both the LifeRing App and Web-client to exchange processed AIS information. This meets the needs of Joint Service and International operations by providing the ability to have a Joint Service, cloud-based, Common Operational Picture (COP), while simultaneously being able to communicate with tens of thousands of users.

### LifeRing – Complete, Affordable C4I Everywhere!

To download a Thick Client evaluation copy of LifeRing, go to: [www.agisinc.com/download](http://www.agisinc.com/download) or email us at [support@agisinc.com](mailto:support@agisinc.com). All other inquiries, please contact Jason A'Hearn [jahearn@agisinc.com](mailto:jahearn@agisinc.com) or Cap Beyer at [beyerm@agisinc.com](mailto:beyerm@agisinc.com) or by phone at 561-744-3213.



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