



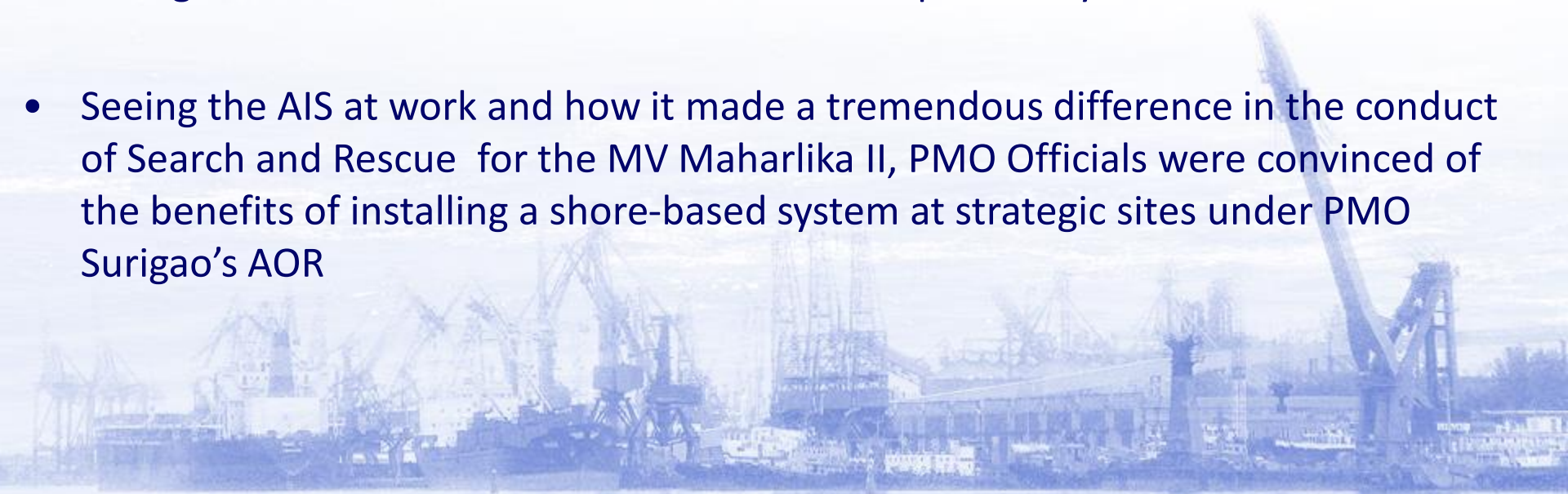
AUTOMATIC IDENTIFICATION SYSTEM (AIS)

An Overview



BACKGROUND

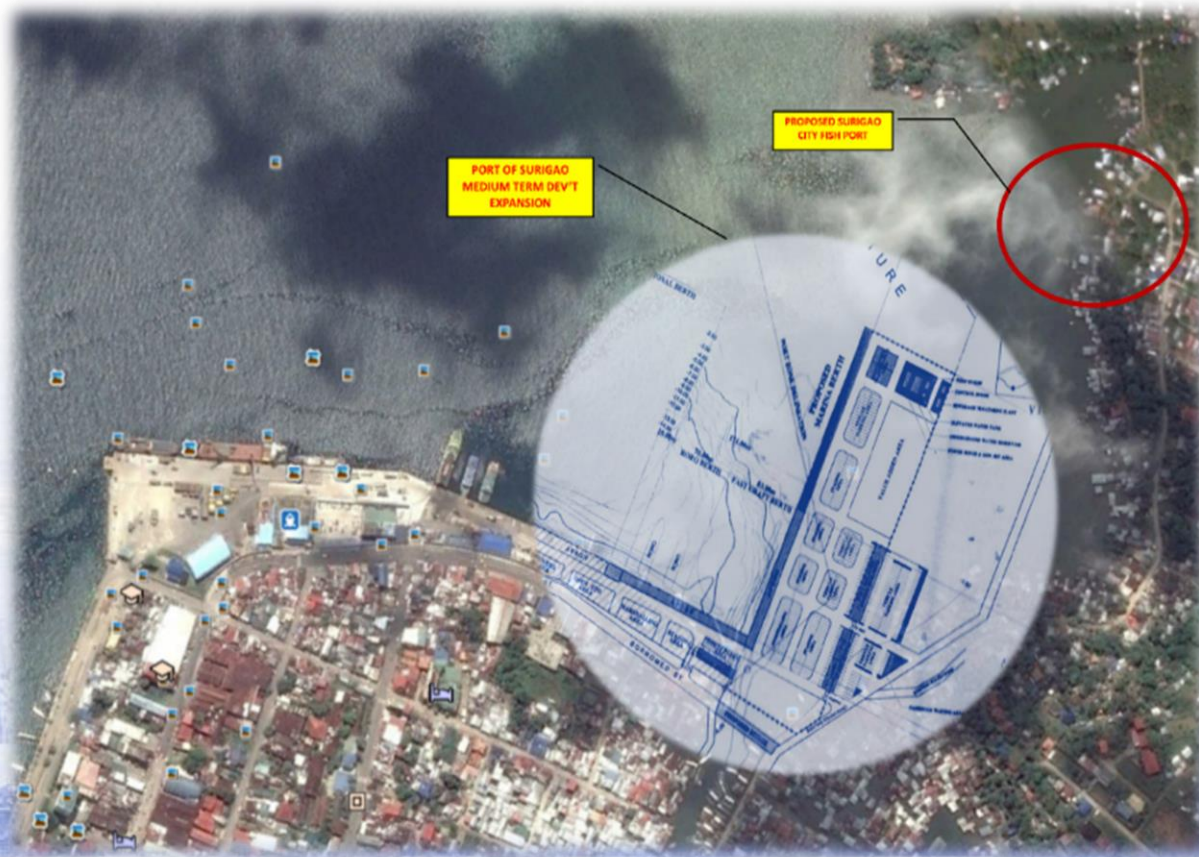
- The Universal Shipborne Automatic Identification System (AIS) is a vessel tracking system capable of communicating navigation information automatically between AIS equipped vessels and coastal authorities.
- The idea and initiative to acquire and install an AIS largely came about during the search, rescue and retrieval operations conducted after the ill-fated M/V Maharlika II sank off Pintuyan in Southern Leyte last 13 September 2014 while sailing en route to the Port of Liloan from the Lipata Ferry Terminal.
- Seeing the AIS at work and how it made a tremendous difference in the conduct of Search and Rescue for the MV Maharlika II, PMO Officials were convinced of the benefits of installing a shore-based system at strategic sites under PMO Surigao's AOR



BENEFITS OF AIS

I. Traffic Control and Collision Avoidance System

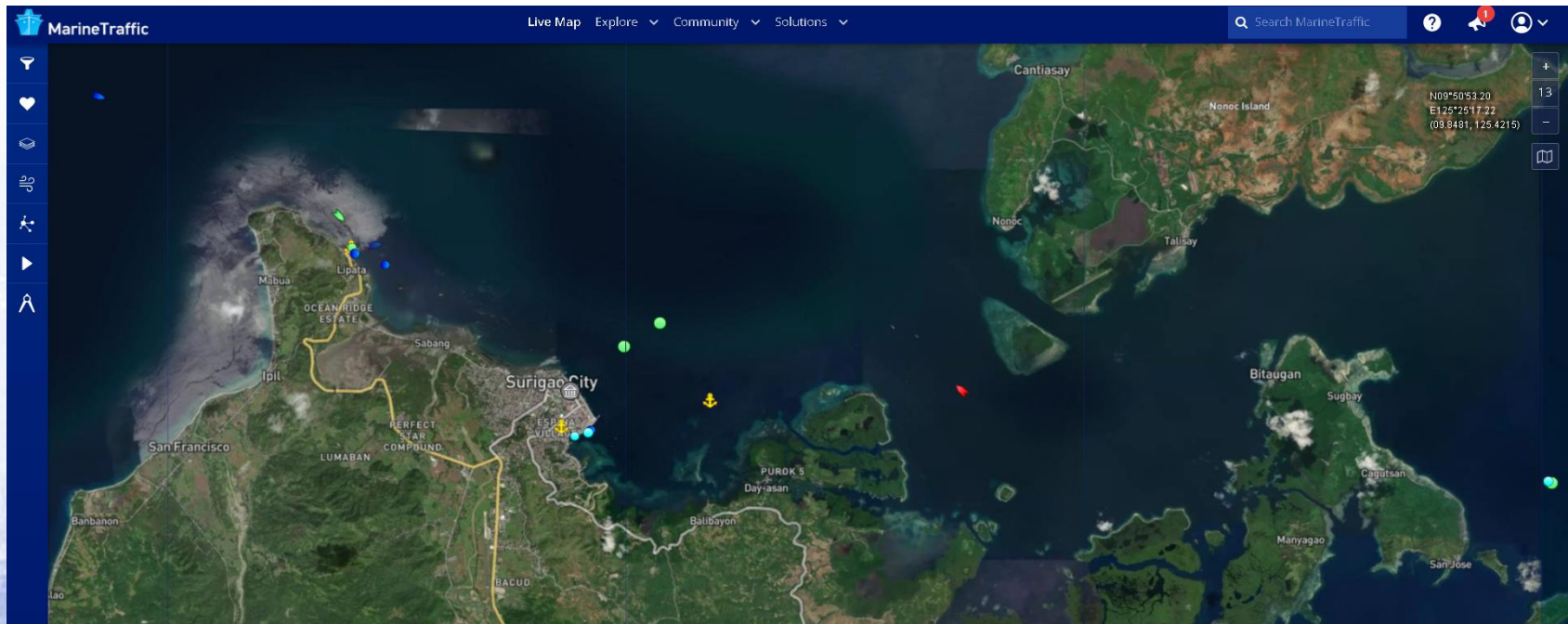
In a very general sense, the AIS system is similar to the air traffic control system only applied to marine traffic. Ports can use AIS to increase transportation efficiency and safety supervising the movement of these large vessels as they head into harbor.



BENEFITS OF AIS

II. Maritime Safety and Security

With an installed AIS, the Port of Surigao is now capable of identifying specific vessels and their activity within or near the nation's exclusive economic zone/territorial jurisdiction. For ports on the critical border areas, such as government ports in Mindanao's Pacific (eastern) seaboard, AIS can be utilized for surveillance and monitoring security situations (data may be shared by the Authority to maritime security entities such as the Philippine Navy).



Marine Traffic Station1218 (Port of Surigao) Live Map

