



Automatic Information System & Collisions

23rd Annual Admiralty & Maritime Law Conference



PortVision/Oceaneering International Inc.

- Founded in 1995 by AIRSIS
- Core competence in software development and remote asset management
- Technology solutions in energy and transportation
 - Vessel tracking/fleet management
 - Port/terminal optimization
 - Maritime data analysis
 - Supply chain logistics
 - Combine terrestrial, cellular, and satellite data
 - Custom Solutions
- Launched PortVision, a division of AIRSIS in 2006
 - 2011 Plimsoll Award Recipient
 - PortVision Patent: April 2011
(System and method for harvesting business intelligence from maritime communications)
- Merged with Oceaneering® - June 1, 2014



What is AIS?

- Automatic Identification System (AIS) implemented world wide since 2005
 - Collision avoidance transponder
 - Mandated by USCG and IMO on vessels over 300 gross tons (65 feet in US)
 - Proposed expanded regulations to include smaller commercial/passenger vessels
- Primary purpose was collision-avoidance at sea – now uses have expanded to homeland security, shore-side logistics, etc.

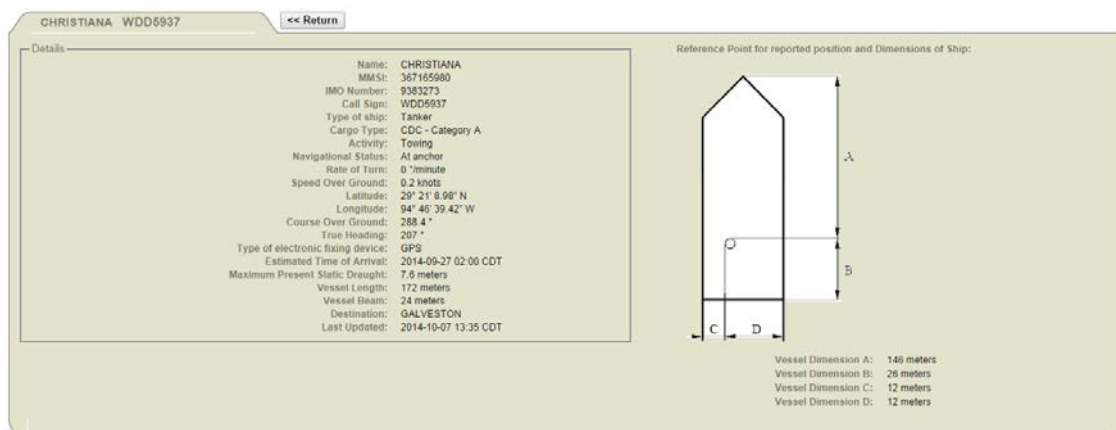
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What is Transmitted From the Vessel?



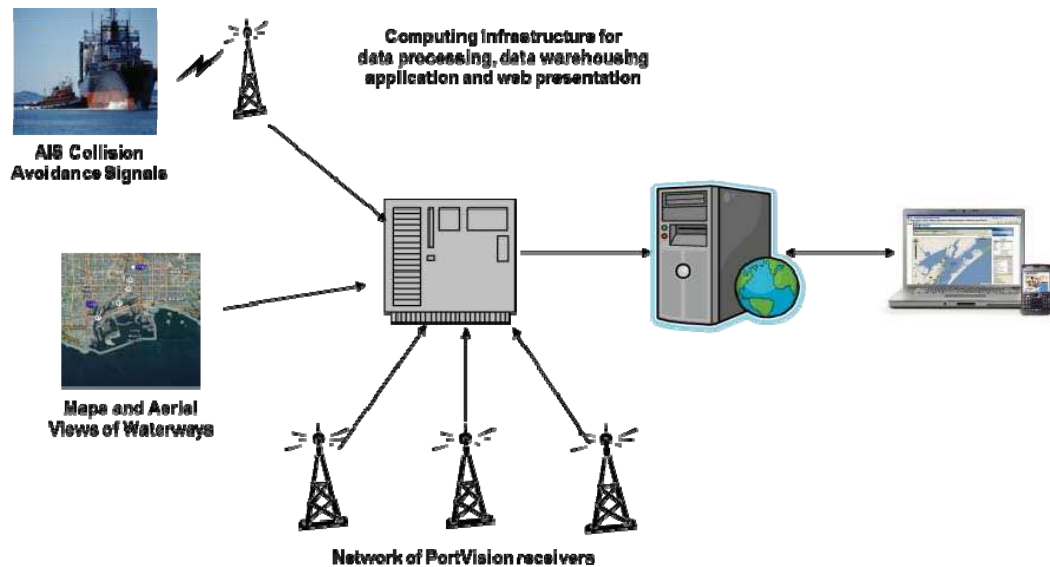
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Automatic Identification System



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How AIS Can Be Leveraged?

- Mapping of real-time vessel locations
- Automatic logging of arrivals, departures, and passings
- E-mail/text message alerts
- Flexible searching and filtering
- Business Intelligence
- Historical playback and reporting
- Web-based to support remote access

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Title search: Automatic Information System & Collisions

Also available as part of the eCourse

[Admiralty and Maritime Law: Use of VTS and AIS Data in Collision Litigation](#)

First appeared as part of the conference materials for the
23rd Annual Admiralty and Maritime Law Conference session
"Use of VTS and AIS Data in Collision Litigation"