

Pegasus

Airborne Situational Awareness Software

Pegasus Airborne Situational Awareness Software, is an electronic charting system (ECS) designed to fit neatly into a ruggedized display, electronic flight bag, or integrated into the aircraft's own display system. It provides complete AIS integration with the ability to display static, dynamic and voyage related information.

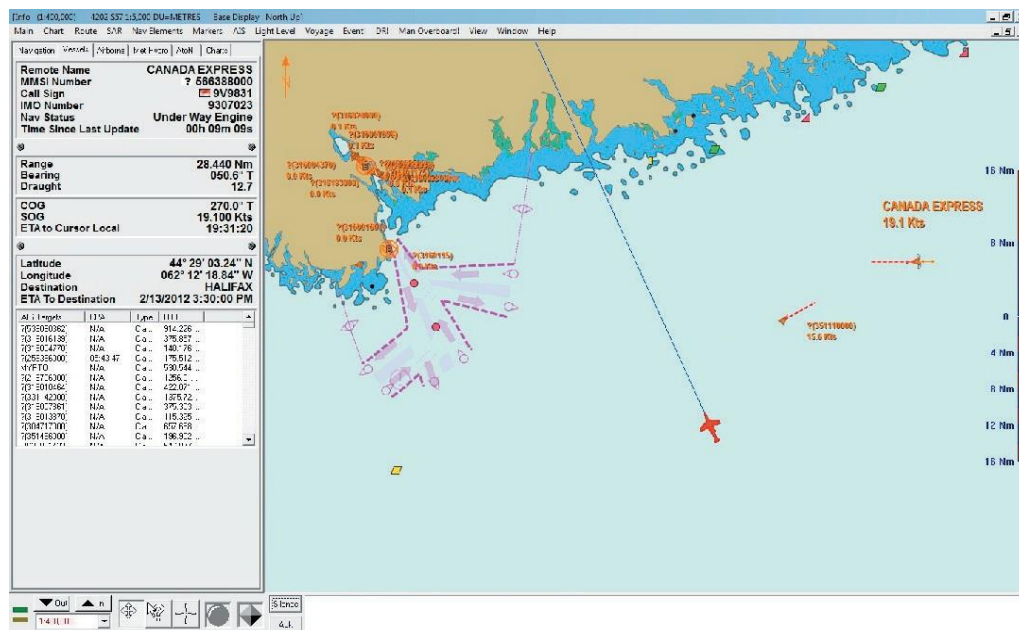
By utilizing AIS technology and data, situational awareness is greatly enhanced due to the aircraft's extended VHF range. Safer and more efficient SAR operations are possible. This solution provides operation centers the ability to see all assets deployed, and assets are able to see each other. Therefore, more aircraft can be actively engaged in the SAR operation for a quicker rescue.

Pegasus is designed with advanced navigation and communication features and is a member of CNS Systems' ECS suite of products. It can be configured to provide single or dual windows.

Pegasus can be configured to perform Secure AIS communication with our add-on module Sentinel, which enables to transmit and receive encrypted messages.

Pegasus is ideally suited for:

- Search and Rescue Aircraft;
- Maritime Patrol Aircraft;
- Offshore Helicopter Traffic.



Pegasus - a member of CNS Systems' ECS suite of products



CNS Systems™

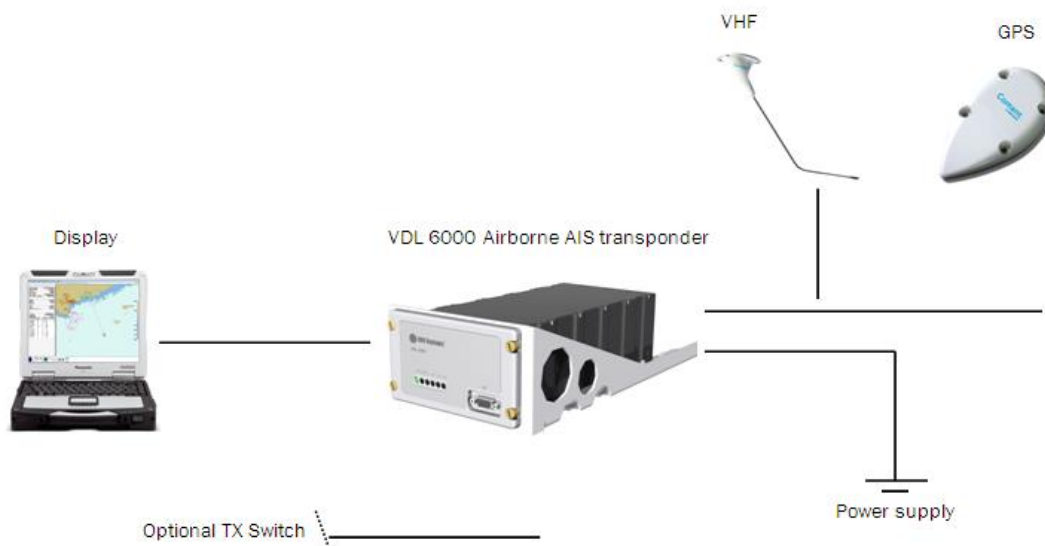


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Features & Functionality

Pegasus provides the following functionalities:

- Text and graphical display of AIS information;
- Navigation based on message 9;
- Receive and transmit application specific (text) and safety related messages;
- Display Class A, Class B, and AIS Base station tracks;
- Display AIS SART (Search and Rescue Transponder) SAR (Search and Rescue) tracks;
- Display AtoN (Aids to Navigation) tracks;
- Support existing IMO IAMSAR Search Pattern (including Track Line);
- Chart support: S-57, BSB, CM-93, TIFF, MRE, ARCS and Seafarer;
- Communications: TCP/IP, and serial port;
- Secure communication and tracking;
- Full AIS functionality using ITU-R (International Telecommunication Union – Radio Communication Sector) M.1371 standard messaging
- Toolbar with single action for:
 - Events
 - Man Overboard
 - Zones
 - Light Level



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Pegasus is one of the core components in our AIS Airborne Solution



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