

# L-3. Technology Without Boundaries.™

MARITIME



## Automatic Identification System (AIS)

The L-3 Automatic Identification System (AIS) is a collision avoidance tool, mandated by IMO SOLAS V, to improve the situational awareness of the bridge crew while facilitating communication between vessels.



- Identifies radar contacts by MMSI
- Access to accurate positional information for AIS-equipped vessels
- Ability to display AIS targets on ECDIS/ECS/ARPA with detailed navigational information
- Text messaging between vessels and/or shore station facilitating communication of maneuvering intentions or safety alerts
- Compact and robust single-box design
- Low cost of ownership
- IMO compliant



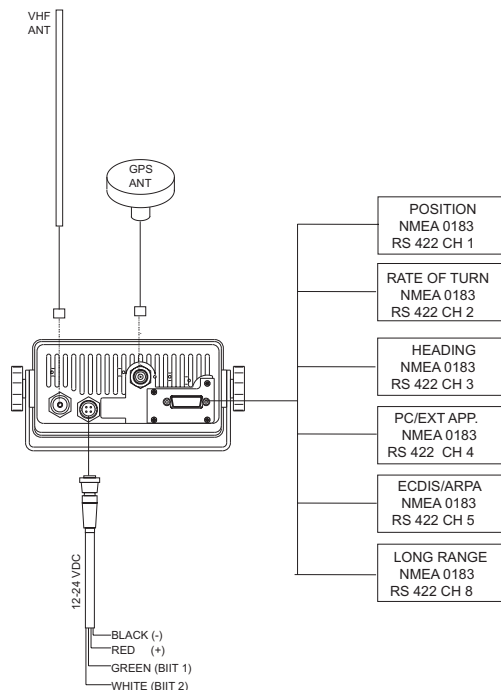
communications

6000 Fruitville Road  
Sarasota, Florida 34232  
P: 941 379 1660  
F: 941 377 5591  
www.L-3com.com

# L-3 COMMUNICATIONS' AUTOMATIC IDENTIFICATION SYSTEM

The L-3 AIS is an IMO compliant transponder with internal GPS in a compact single-unit design. Also available is the L-3 ECS, an optional navigational software package with ENC. Fully compatible with all ECDIS/ECS systems and compliant to the NMEA standard for AIS display, the L-3 ECS can run on any Windows platform and is available to provide detailed AIS contact display without the additional purchase of an ECDIS/ECS system.

Physical	Height	3.25 in (8.26 cm)
	Depth	6.38 in (16.21 cm)
	Width	7.25 in (18.41 cm)
	Weight	5.6 lbs (2.54 kg)
GPS	Internal 12-Channel GPS Receiver	
DGPS	Optional DGPS Capability	
Basic Display	Integral IMO-Compliant Minimum Keyboard Display (MKD)	
Extended Display	Windows based L-3 Electronic Charting System or Target Display System	
Power Requirements	Nominal:	24 Vdc - 10 amp Supply
	Receive:	0.6 Amps
	Transmit:	6.0 Amps



The technical information contained in the marketing brochure(s) does not contain "technology" as defined by the General Technology Note in Export Administration Regulations (EAR) Supplement number 2 to Part 744 and is, therefore, considered as publicly released as defined in Part 734.7(4).

Specifications subject to change without notice. For up to date information go to [www.L-3ar.com/Products](http://www.L-3ar.com/Products) MAR002 Rev. F

## L-3 AIS Users



L-3 AIS base stations and transponders have been successfully applied in the safe and efficient operation of ports worldwide including New Orleans, Houston, Valdez, Tampa, Suez, Turkey, and Ras Tanura. With over five years of field experience in the construction, maintenance and operation of AIS mobiles and base stations, as well as the integration of AIS into VTS/VTIS applications, L-3 is a leader in the application of AIS technology to marine operations.

### Approvals

FCC  
USCG 16.155/9/0  
MED Wheelmark 734.2/0050-1/2003



ISO 9001:2000 AND AS9100:2004 REVISION B

For additional information contact:



**communications**  
**Aviation Recorders**

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Sarasota, FL 34232  
P: 941 379 1660  
F: 941 377 5591  
[www.L-3com.com](http://www.L-3com.com)