

THE SCIENCE

ACR

OF SURVIVAL



# Pathfinder™ PRO

Emergency Search and Rescue Transponder (SART)



**MED**  
Approved

Drastically increase your probability of survival at sea with the Pathfinder PRO Search and Rescue Transponder.



# ACR Pathfinder™ PRO

## Emergency Search and Rescue Transponder (SART)

The Pathfinder Pro is a fully approved Search and Rescue Transponder (SART) that complies with IMO SOLAS regulations. When interrogated by radar, the Pathfinder Pro returns 12 intense blips back to the vessels radar screen, greatly enhancing search and rescue efforts. The superior lithium battery provides over 96 hours of operating life in standby mode (waiting to be interrogated by radar) and 12 hours of active operating life (while interrogated by radar).

The Pathfinder Pro comes with a sleek wall mount to keep this compact SART out of the way, yet readily accessible in an emergency. The attached telescopic pole conveniently connects to the bottom of the SART and provides for maximum height and visibility out of a life craft. The SART can also be suspended inside the craft for hands free usage.

A Search and Rescue Transponder (SART) is mandatory for all commercial vessels that must conform to GMDSS, and any vessel carrying more than one life raft.

### Carriage Requirements

- Any IMO SOLAS vessels on international voyages are required to carry a SART
- 300-500 Gross Register Tonnage (GRT) must carry a minimum of 1 SART
- Over 500 Gross Register Tonnage (GRT) must carry a minimum of 2 SARTs
- 1 SART for every four life rafts on Ro-Ro passenger vessels



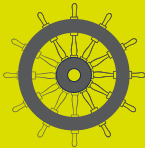
## SPECIFICATIONS

Product Number 2914

Size	8.94 x 2.56 Inches (227 mm x 65 mm)
Weight	15.5 oz (440g)
Battery	Lithium/Iron Disulfide (Li/FeS2) – Non Hazardous
Operation	Break protective cover, slide and hold yellow switch to the left, slide the red switch into the down position.
Deployment	Manual
Frequency	9.2-9.5GHz
Waterproof	>10 meters @ +20°C
Output Power (EIRP)	>26 dBm eirp
Temperature Range (Operating)	-20°C to +55°C
Temperature Range (Storage)	-30°C to +70°C
Operating Life: Standby	>96 Hours
Operating Life: Active	>12 Hours
Certification	FCC, MED, Industry Canada, and Chinese CCS type approval certificate. Tested to IMO and IEC Standards
Accessories	Vessel mounting bracket included

### Features:

- Enhances radar returns with 12 intense blips, whereby the first blip represents the SARTs location
- Unit transmits through the 9.2-9.5 GHz band marine radar when interrogated by radar
- Vessel mounting bracket and collapsible pole
- Compact 8.94 x 2.56 Inches (227 mm x 65 mm) unit easily packs into life raft
- Waterproof to 10 meters (33 ft)
- Non-Hazmat Lithium battery (5-year replacement life) operates for over 96 hours in standby mode plus an additional 12 operational hours
- Worldwide certifications; complies with IMO, MED, FCC and IEC standards



**MED**  
Approved



Waterproof



Manual Activation



User Replaceable  
Lithium Battery- 5 years



Transmit Time:  
96 Hours: Standby  
12 Hours: Active

For further information please contact:

**ACR Electronics, Inc.**  
5757 Ravenswood Road  
Fort Lauderdale, FL 33312  
Tel: (954) 981.3333  
Fax: (954) 983.5087  
Email: [sales@acrartex.com](mailto:sales@acrartex.com)

