



SJ-8912 AIS Marine GPS Series

System Network Diagram

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Technical Specification

1. Introduction:

SJ-8912 Marine AIS Series

System Requirements:

- ECDIS software can display AIS information
- Accept RS-232 COM port input
- VHF Antenna 50 Ohm with BNC connector
- GPS Active Antenna with BNC connector (option)
- Suggested platform by Windows 98/Me/NT/2000/XP/2003 or above

2. Start SJ-8912: (For the detail, please refer to each product's user manual)

- Connect required VHF (and/or GPS antenna) to SJ-8912 AIS Series Products.
- Connect RS-232 cable one side to SJ-8912 AIS Series Products, the other to PC. (or ECDIS system)
- Supply DC 12V to SJ-8912 AIS Series Products
- Start your Marine software, setup the COM port and baud rate

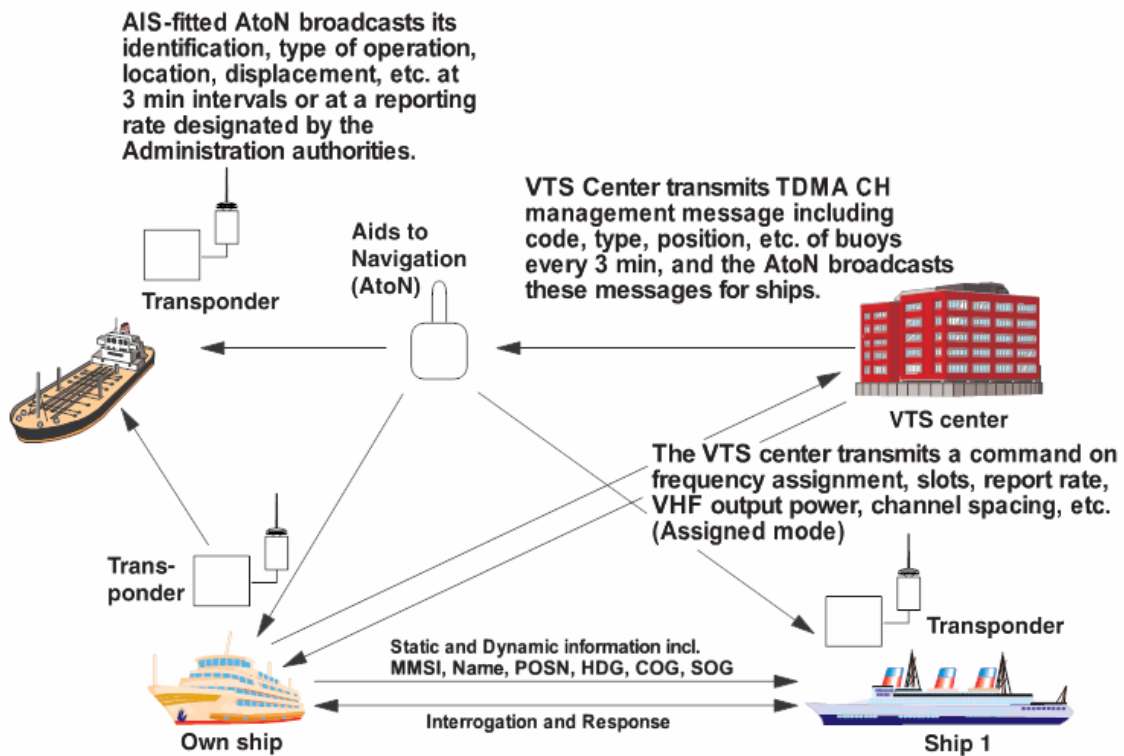
3. Functionality Comparison:

Model Number:	SJ-8912RT	SJ-8912T	SJ-8912RG	SJ-8912R
Model Name:	AIS Transponder	AIS Transmitter	AIS Receiver + GPS	AIS Receiver
Self GPS Location Transmit	Yes	Yes	No	No
Self GPS Location Receive	Yes	Yes	Yes	No
Self AIS Info Transmit	Yes	Yes	No	No
Other Vessel AIS Info Receive	Yes	No	Yes	Yes
Usage	All Functions	Vessel Tracking	Collision Avoidance	Collision Avoidance
Price Level	Highest	High	Low	Lowest

Simply speaking, SJ-8912T/RG/R are the downgrade versions of SJ-8912RT for customer special requirement.

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4. System Network Diagram of AIS Transponder: (SJ-8912RT)



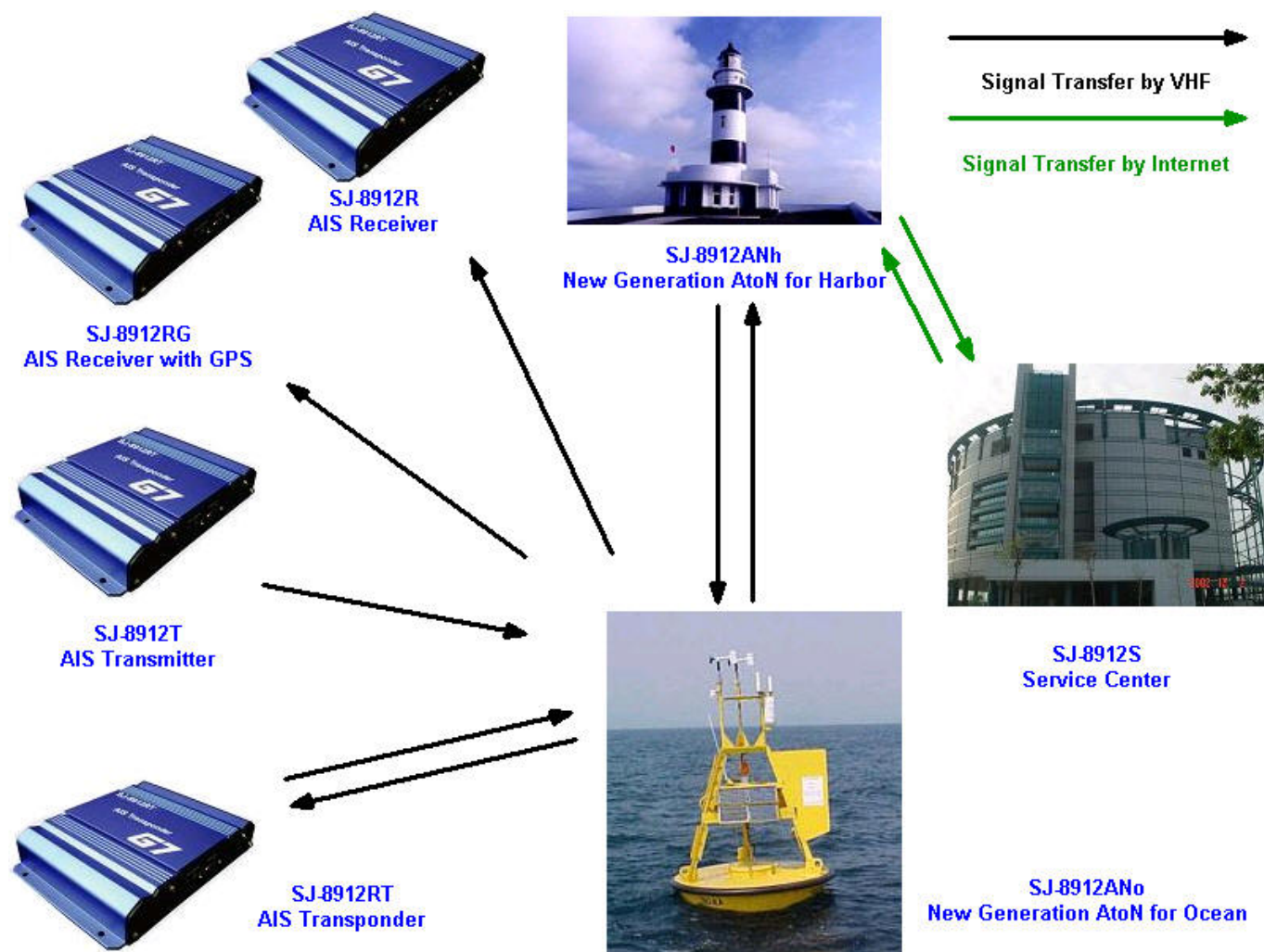
All ships broadcast Static and Dynamic information (autonomous and continuous mode). If OS wants to know information about ship 1, OS shall send an interrogation in polling mode; then ship 1 will transmit her response on the same VHF channel without operator intervention.

AIS system

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Technical Specification

5. System Diagram for SJ-8912 Series: (All SJ-8912 AIS Series)



User can have multiple SJ-8912ANo and SJ-8912ANh connected together to monitor all your vessels around the world with just one SJ-8912S Service Center.

The new generation SJ-8912 AIS series is waiting for you to explore every possibility!

Welcome to contact us if you have any further question.

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