

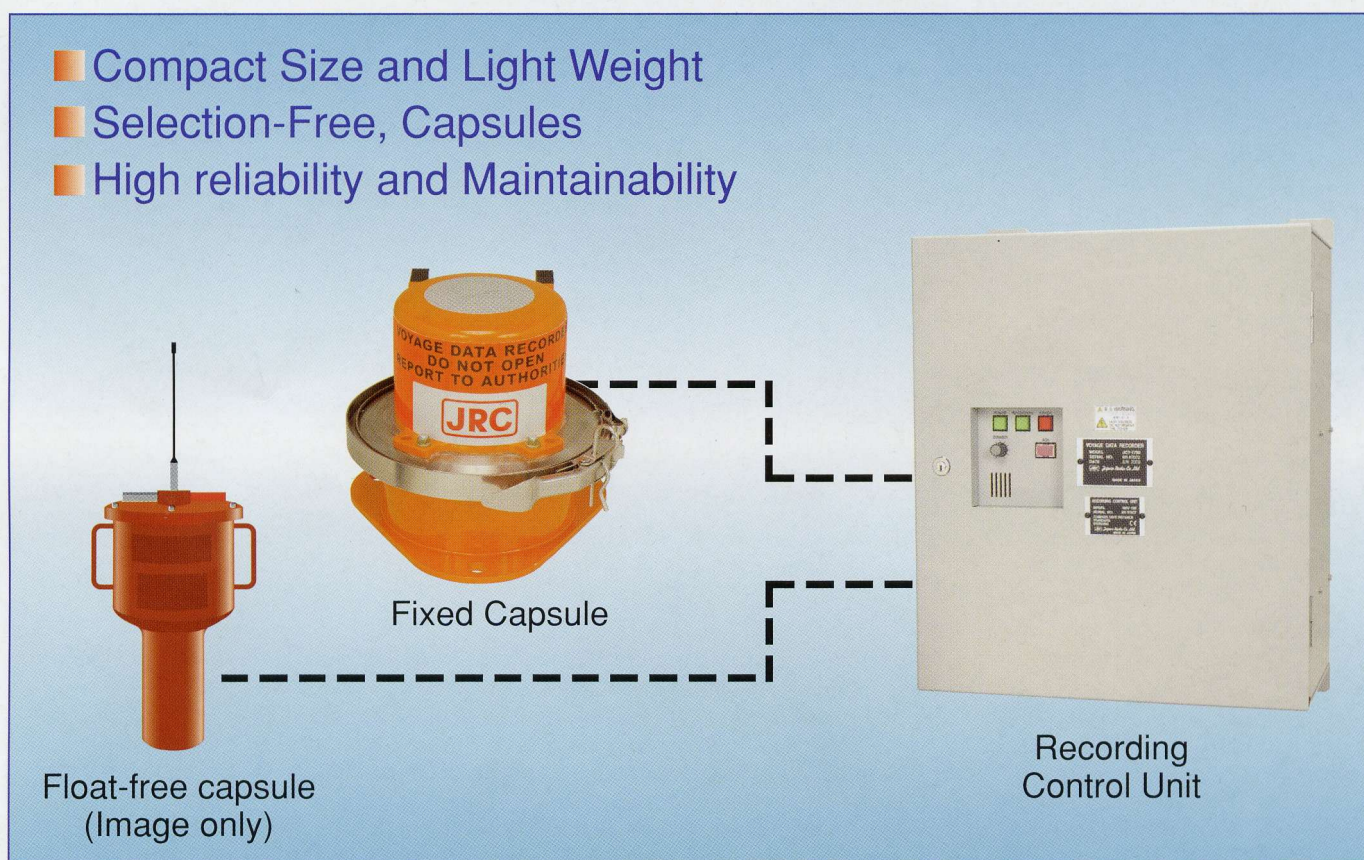
JRC

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NEWS RELEASE

Simplified Voyage Data Recorder (S-VDR) JCY-1700S

- Compact Size and Light Weight
- Selection-Free, Capsules
- High reliability and Maintainability



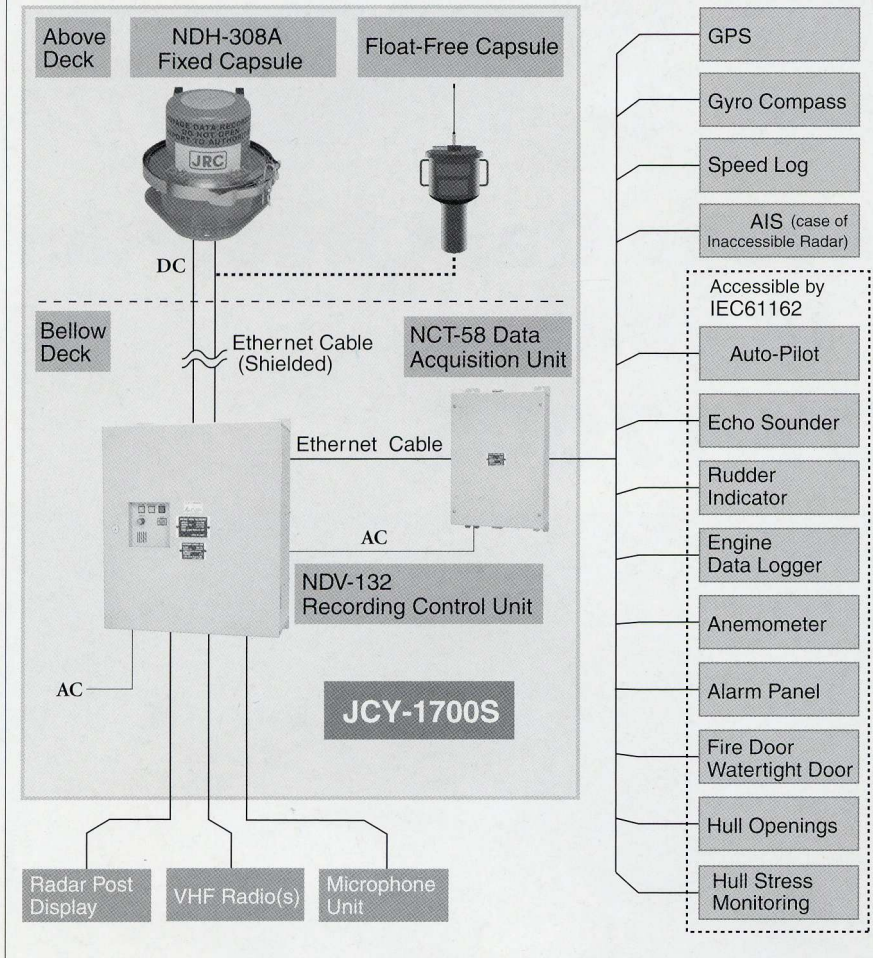
Features

- Record data for up to 12 hours with 2GB back up recording media standard device
- Playback software for recorded regeneration function (Option)
- S-VDR Type Approval which was successfully concluded at QinetiQ, UK
- Compliance with IMO SN Circ. 246



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System Diagram



Dimensions

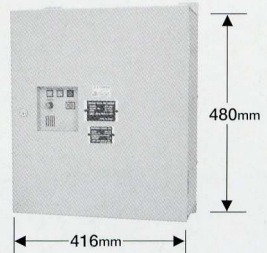
Fixed Capsule

■ Weight : 8.5kg



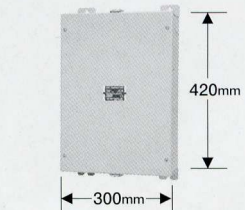
Recording Control Unit

■ Depth : 230mm
■ Weight : 21kg



Data Acquisition Unit

■ Depth : 130mm
■ Weight : 4kg



Caution: The dimension of the Float-free capsule is undefined. Exterior dimensions subject to change without notice due to the improvement in function.

Specifications

International Requirements

IMO MSC163(78), IEC PAS61996-2, IEC61162-1&-2(NMEA0183 & NMEA0183-HS), IEC60945 etc.

Protective Capsule

Recording Data : Date&time, Ship's position, Speed, Heading, Bridge communication, Radar data, VHF communication, AIS Information (case of Inaccessible Radar)

(IEC61162 Accessible) Under keel clearance, Bridge main alarms, Rudder order/response, Engine order/response, Watertight/fire-tight door status, Hull openings status, Accelerations and hull stresses, Wind speed/direction, etc.

Recording Data Stream : Minimum continuous 12-hour data

Data Recording Interval : Radar image; 15-sec interval

Data Hold period : Over 2 years when un-powered

Environment Condition : Fire; 1100 deg. C for 1-hour, 260 deg. C for 10-hour.
Deep-sea pressure; 60 Mpa (equivalent 6000 m) for 24-hour, etc.

Input Ports for Sensor Connecting : Radar RGB 1 port, Mic-audio 9 ports, VHF audio 3 ports, NMEA0183 16 ports (Options) (NSK unit)

System Input Voltage : AC100 / 110 / 115 / 120 / 220 / 240 V

•Specifications subject to change without notice.

For further information, contact:



Since 1915

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