Training	(Simplified) Voyage Data Recorders
Module(s)	JCY-1800/1850, JCY-1900/1950
Target group	Service Engineers
Location	Rotterdam Office (Schaardijk 35, 3063NH, Rotterdam)
Duration	3 days, Tuesday-Thursday
Price	€190,00 per day

DESCRIPTION

This training examines the installation, operation, maintenance, Annual Performance Test and commissioning of JRC's Voyage Data Recorders JCY-1800, JCY-1850, JCY-1900 and JCY-1950. The training starts with some background information, regulations and requirements, after which it zooms in on the older models and pays some extra attention to the latest JCY-1900/1950 VDRs. Although the 1700, 1700(S), 1800 and 1850 are older models and not sold anymore, they are still aboard of many ships. There's enough opportunity to try out newly learned knowledge on our test equipment.

CURRICULUM
Some of the key points covered in this training (in both theory and practice) are:
- Background (IMO) regulations & VDR developments since 1990s
- Vessel and recording requirements
- IEC61142-450 Light Weight Ethernet Standard
- Installation of JCY-1900/1950
- Setup and recording
- Connection the MFD for recording ECDIS/radar pictures and chart info
- Real-time monitoring
- Downloading data
- Playback of recorded data
- Remote maintenance system
- APT procedures
- Troubleshooting

ENTRY REQUIREMENTS
- Basic knowledge of Windows
- Understanding of industry standards IEC61162-1 and IEC61162-2
- Advanced understanding of maritime navigation equipment, onboard command & control, engine management and alarm systems
- Service engineer must be employed at distributor in Europe, Russia, Africa or Middle East
- Service engineer is recommended to have at least one year of field experience

CERTIFICATION
- This course ends with an examination on Thursday, of which the service engineer is required to answer at least 70% correctly in order to receive a certificate
- With this certificate the service engineer is allowed to perform the installation, operation, maintenance, APT and commissioning of all JRC's Voyage Data Recorders
- This certificate is valid for 2 years and can be renewed for another 2 years