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| <b>Training Module(s)</b> | ECDIS & Radar non MFD<br>JAN-701B, JAN-901B, JAN-2000Mk2, JMA-7100, JMA-9100, JMA-900B,<br>JMA-5200Mk2, JMA-5300Mk2 |
| <b>Target group</b>       | Service Engineers   |
| <b>Location</b>           | Rotterdam Office (Schaardijk 23, 3063NH, Rotterdam)   |
| <b>Duration</b>           | 5 days, Monday-Friday   |
| <b>Price</b>              | €190,00 per day   |

## DESCRIPTION

This training examines the installation, basic operation, maintenance and commissioning of JRC's ECDIS models JAN-701B, JAN-901B, JAN-2000Mk2 and the JMA-7100, JMA-9100, JMA-900B, JMA-5200Mk2, JMA-5300Mk2 radar models. The course will include lectures and presentations and there will be opportunity to gain hands on experience with our training equipment. We will mainly focus on commissioning, troubleshooting and repair of the systems since these systems are not (or minimally) sold anymore.

**Please note:** if you are not familiar with the JRC ECDIS system it is advisable to take the JAN-701B, JAN-901B and JAN-2000MK2 training which focusses more on the ECDIS systems and gives more hands on time on these types of equipment. This training will only be given on request and with enough request.

## CURRICULUM

**Some of the key points covered in this training (in both theory and practice) are:**

- IMO regulations applicable to radars installed after June 2008
- Product specifications
- System overview
- Installation
- Commissioning
- Troubleshooting/repair
- Software update procedures
- Technical developments relating to the products

## ENTRY REQUIREMENTS

- Basic knowledge of Windows
- Basic knowledge of radar electronics
- Understanding of industry standards IEC61162-1 and IEC61162-2
- 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 Friday, 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 and commissioning of all JRC's ECDIS & radar models mentioned above