



ECDIS SIMPLIFIED (ES)

Duration: One day

Conducted at: Mumbai / Chandigarh / Kochi

Objective:

The MAIB report of the M.T. Ovit grounding in 2013 raised some valid issues about ECDIS awareness of the shore based staff carrying out inspections on board vessels. The Internal audit, PSC inspection and SIRE inspection conducted on the Ovit prior it's grounding, all failed to identify gaps in training of the ship board personnel in the use of the ECDIS. Following quoted from the MAIB investigation report of the Ovit "Many auditors and inspectors do not have a background in navigation, and those that do might not have been trained in ECDIS. Consequently, few will have even a basic understanding of the system, leaving them ill-equipped to assess a core safety-critical function, that of safe navigation. Therefore, there is a strong case for the development and provision of tools that will enable auditors and inspectors to properly check the use and performance of this equipment."

Samundra Institute has designed a 1 day ECDIS training targeted primarily at the shore based auditors, superintendents and inspectors to increase their awareness about the ECDIS. It can also be a refresher training for seafarers looking for more clarity on the ECDIS practical aspects.

Subject Areas:

Hardware and software requirements

Raster and Vector Charts – Coverage and Requirements

A better understanding of CatZoC (Zone of Confidence) with case study

Safety Contour settings & Marking the No-Go Areas.

Passage planning on the ECDIS

AIO / Date Dependency & Navtex Messages

Radar Overlay & the Position fixing problem on the ECDIS

Case Study of the Ovit Grounding – Focus on the errors made.

Best Scale, SCAMIN, over scale & Distortion.

ENC ordering and updating.

Alarm Management on the ECDIS

ECDIS contingencies

The new Upgrade to P.L Version 4.0 and what to expect

USP:

The course is conducted using JRC ECDIS software and Transas ECDIS software to highlight some of the important aspects. Course is conducted our faculty who are also approved ECDIS trainers. Case studies are used to make the session interesting and to highlight some of the aspects.

Eligibility:

Auditors, SIRE inspectors, PSC /Flag inspectors and Shipboard officers.