The Role of Navigational Aids Such as Radar/ARPA, ECDIS, AIS, Autopilot, on Safe Navigation at Sea

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ABSTRACT: Chabahar Maritime University has started radar/ARPA simulator training course since 2004 and under the improvement in navigational technology, the reduction of Navigational Aids as two credits of the latest BSc syllabus for future officers on board ships will be discussed through this article. In fact, the AIS is surveyed together with radio installation. The AIS training is going to be taken place from next semester at Chabahar Maritime University in order to improve the skill of the trainees provided by AIS.

KEYWORDS: Navigational Aids, Radar, ARPA, Electronic Chart Display and Information System (ECDIS), Automatic Identification System (AIS), Autopilot, Safety at Sea, Safety of Navigation

REFERENCES

Buckens K., 2001, "How to work with AIS", The International Journal of the Nautical Institute, Seaways.
Robert G., 2003, "The devil is in the detail, a seafarer looks at AIS", The International Journal of the Nautical Institute, Seaways.
Goddard J., 2002, "Getting added value out of your VDR", The International Journal of the Nautical Institute, Seaways.
Chabahar Maritime University has started radar/ARPA simulator training course since 2004 and the training has been carried out fully comply with STCW95 Convention and the IMO model course. According to the improvement in navigational technology, the reduction of Navigational Aids as two credits of the latest BSc syllabus for future officers on board ships will be discussed through this article in depth. In addition to the above, the author attempts to describe the AIS (Automatic Identification System) which is defined by IMO and has been adopted by the latest revision of SOLAS Chapter V. In fact,