This is a course provides the trainee the means by which to demonstrate proficiency in the use of radar for collision avoidance and navigation in accordance with training requirements recommended in Annex 2 of IMO Assembly Resolution A.482 (XII) and the requirements for renewal of Radar Observer (Unlimited, Inland or Rivers) Endorsement contained in 46 CFR 10.305. It is recognized that some mariners utilize radar on a regular basis while others do not. This course will allow trainees who have maintained their knowledge and skills through the continued use of radar in the performance of their watch standing duties to renew their Radar Observer Endorsement by passing the examinations appropriate to their endorsement (Unlimited, Inland or Rivers). Trainees so requiring are afforded additional instruction and practice until their level of proficiency has improved such that they are capable of passing the appropriate examinations. The exercises used in this course of instruction will provide training in the proper use of the radar and to recognize potential threats and determine proper action to avoid these threats in accordance with the applicable Rules of the Road. The end result of this course is that the trainee passes an examination designed to demonstrate proficiency in the use of radar for collision avoidance and radar navigation. Students who successfully complete this course will be able to determine information on course, speed and CPA of radar contacts to enable early action to be taken to provide for a safe passing distance; and to safely navigate their vessel in piloting waters.

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Any applicant who has successfully completed this Radar Observer Recertification (MIDATL-402) course will satisfy the requirements of 46 CFR 11.480(d) for renewal of any Radar Observer endorsement.

Course Tools Required
A **clear mind** ready to learn and retain a large volume of information.
Paper and pencil for note taking
A scientific calculator
Plotting tools

Recommended Reading