Radar Observer Unlimited

Course Length: **40 hours**
Price: **$600.00**

This 5-day course covers the proper use of radar for risk assessment, collision avoidance, and navigation. Trainees use commercial radar equipment with landmasses, environmental effects and vessel returns generated by Transas simulation. Subjects include: radar principles, set up and tuning, radar plotting, radar navigation and a review of collision regulations. The course covers the methods by which the radar detects contacts and demonstrates the limitations of the radar equipment including the dangers of over-reliance on information derived from radar. The exercises used in this course of instruction will provide practice 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. 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.

Any applicant who has successfully completes this Radar Observer (Unlimited) (MIDATL-399) course, including successful demonstration of all practical assessments, will satisfy the requirements of 46 CFR 10.480 for an endorsement as Radar Observer (Unlimited) and the radar training requirements for certification as Officer in Charge of a Navigational Watch on vessels of 500 or more gross tonnage (ITC). The practical assessments conducted in this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-II/1 of the STCW Code: OICNW-3-1A; OICNW-3-1B; OICNW-3-1C; OICNW-3-1D; OICNW-3-1E; OICNW-3-1F; OICNW-3-1G; OICNW-3-1H; OICNW-3-1I; OICNW-3-1J; AND OICNW-3-1K; and M-5-1B and M-5-1C for Table A-II/2 of the STCW Code.

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