



University of Rijeka
FACULTY OF MARITIME STUDIES

Radar observer and Automatic Radar plotting aid ARPA simulation – operational level

According to the Ordinance on Vocations and Certificates of Competencies for Seafarers (of the Republic of Croatia):

Documentary evidence is acquired by a seafarer who completes the prescribed training in accordance with the program of Annex D6B.

The requirements referred to in paragraph 1 of this Article regarding training shall not be fulfilled by persons who have mastered the program during high school education, which covers all the contents of the program referred to in paragraph 1 of this Article.

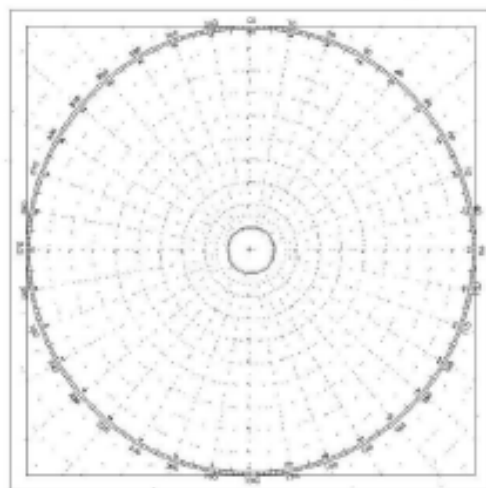
The documentary evidence is issued in english and croatian language.

The documentary evidence has validity without time limit.

Course duration: 6 working days

Payment:

- credit card or bank transfer
- an invoice issued to a company



Exam: at the Faculty of Maritime studies Rijeka

Application for the exam:

Harbour Master's Office Rijeka (upon end of the course)

Address: Senjsko pristaniste 3

Working hours: 8:00 do 13:00

Phone: +385 (0)51 211 537

Exam application documents:

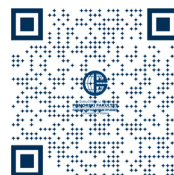
- ID card copy
- Documentary evidence copy
- Covering costs of exam 28,54 Eur
- One photo

Maritime Training Centre and Life-long Learning

Studentska ulica 2, 51000 Rijeka, Croatia

+385 (0)51 214 587

cip@pfri.uniri.hr / www.pfri.uniri.hr





University of Rijeka
FACULTY OF MARITIME STUDIES

Radar observer and Automatic Radar plotting aid ARPA simulation – operational level

Training:

Training and assessment in radar observation and plotting should: incorporate the use of radar simulation equipment and conform to given standards

Demonstrations of and practice in radar observation should be undertaken, where appropriate, on live marine radar equipment, including the use of simulators.

An elementary understanding should be attained of the principles of radar, together with a full practical knowledge of:

- range and bearing measurement, characteristics of the radar set which determine the quality of the radar display, radar antennae, polar diagrams, the effects of power radiated in directions outside the main beam, a non-technical description of the radar system, including variations in the features encountered in different types of radar set, performance monitors and equipment factors which affect maximum and minimum detection ranges and accuracy of information;
- the current marine radar performance specification adopted by the Organization**;
- the effects of the siting of the radar antenna, shadow sectors and arcs of reduced sensitivity, false echoes, effects of antenna height on detection ranges and of siting radar units and storing spares near magnetic compasses, including magnetic safe distances; and
- radiation hazards and safety precautions to be taken in the vicinity of antennae and open waveguides.

