

PARTICIPATION REQUIREMENTS

- Up to two midshipmen from each country
- English language skills according to STANAG 6001 level 2222 or higher
- Submit application form NLT
01.04.2020



Polish Naval Academy

Ul. Śmidowicza 69
81-127 Gdynia
POLAND

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International Training Exercise 4-15.05.2020

"METOC FOR MIDSHIPMEN"





METOC FOR MIDSHIPMEN

Annual meteorological and oceanographic training for midshipmen from naval academies that the Polish Naval Academy has an ongoing cooperation.

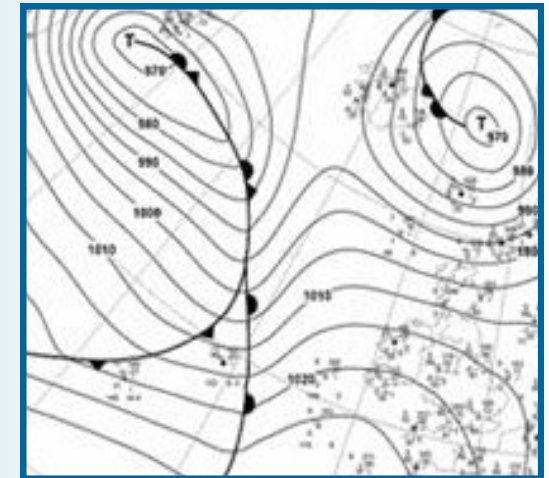
The purpose of this training is to gain the basic knowledge and experience in collecting and applying METOC data to various situations at sea.

TOPICS

- ⇒ Purpose and tasks for METOC.
- ⇒ weather elements observed and measured on the ship, METOC instruments.
- ⇒ analysis of hydro-meteorological information obtained on the ship.
- ⇒ collection and interpretation of maps, meteorological messages, and weather forecasts.
- ⇒ synoptic meteorology of temperate, polar and tropical latitudes.
- ⇒ expected variability of weather conditions on weather fronts.
- ⇒ World Ocean, physicochemical properties of marine waters.
- ⇒ forecasting waving fields , waving wind, parameters of the wind current .
- ⇒ seaice cover and icing of ships.
- ⇒ global warming; utilizing of polar waters to carry out naval missions.
- ⇒ Carrying out the mission of the ship in difficult weather conditions.

TRAINING TIMELINE

- | | |
|----------|----------------------------------|
| 03.05 | Arrivals. |
| 04.05 | Meeting with Rector, lectures. |
| 05-08.05 | Lectures, social events. |
| 09-10.05 | Social events, historical tours. |
| 11-14.05 | Workshop, sport events |
| 15.05 | Exam, closing ceremony |
| 16.05 | Departures. |





METOC FOR MIDSHIPEMN AT THE POLISH NAVAL ACADEMY





INTERNATIONAL TRAINING EXERCISE "METOC FOR MIDSHIPMEN"

Held in the Polish Naval Academy

04-15.05.2020





Annual meteorological and oceanographic training for midshipmen from **naval academies** that the Polish Naval Academy has an ongoing cooperation.

The purpose of this training is to gain the basic knowledge and experience in collecting and applying METOC data to various situations at sea.



FOT. KRZYSZTOF MIŁOSZ AMW



TOPICS PRESENTED DURING METOC EXERCISE

1. Purpose and tasks for METOC.
2. Weather elements observed and measured on the ship, METOC instruments.
3. Analysis of hydro-meteorological information obtained on the ship.
4. Collection and interpretation of maps, meteorological messages, and weather forecasts.
5. Synoptic meteorology of temperate, polar and tropical latitudes.



TOPICS PRESENTED DURING METOC EXERCISE CD.

6. Expected variability of weather conditions on weather fronts.
7. World ocean, physicochemical properties of marine waters.
8. Forecasting waving fields , waving wind, parameters of the wind current.
9. Sea ice cover and icing of ships.
10. Global warming, utilizing of polar waters to carry out naval missions.
11. Carrying out the mission of the ship in difficult weather conditions.



TRAINING TIMELINE

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PARTICIPATION REQUIREMENTS:

- ✓ up to two midshipmen from each country;
- ✓ second year of study or higher;
- ✓ dedicated for naval cadets (midshipmen) only ;
- ✓ english language skills according to STANAG 6001 level 2222 or higher;
- ✓ submit application form NLT 01.04.2020, number of places is limited (16 participants).



LOGISTIC SUPPORT PROVIDED BY THE PNA:

- ✓ airport transfer;
- ✓ accommodation;
- ✓ meals at academic mess hall;
- ✓ historical tour;
- ✓ didactic materials.



CERTIFICATE OF COMPLETION

Midshipman Matt WARING

has completed
„METOC for Midshipmen” Training Exercise
at **Polish Naval Academy**
15-19 May 2017, Gdynia

RECTOR-COMMANDANT

Rear Admiral (N) Prof. Tomasz SZUBRYCHT



**HEAD OF METOC
ORGANIZING COMMITTEE**

Rear Admiral (ret.) Czesław DYRCZ, PhD











POINT OF CONTACT:

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THANK YOU!
Q AND A