



## IHM SUMMARY

**FECHA:** Cádiz, June 2021.

The Spanish Navy Hydrographic Office has a Hydrographic School “Alejandro Malaspina” where a wide variety of courses are performed every year with international students from many countries. 136 international students have conducted courses in this Hydrographic school since 1969, especially in the Hydrography specialization courses of Category “A” and “B”. This year this school had only 3 Officers from different countries (Argentina, Tunisia and Morocco).

The Spanish Navy Hydrographic Office offers 2 courses to international students, through the Plan of International Cooperation for Military Teaching<sup>1</sup>, which are the following:

- Hydrographic course, Category “A” (10 months)
- Hydrographic course, Category “B” (10 months)

The applications are through the Spanish Defense attaché Offices. Then, the application will be submitted, via email, to IHM ([ihmesp@fn.mde.es](mailto:ihmesp@fn.mde.es)).

Other courses which are also given in the Hydrographic School are the following:

- Hydrographic surveys basic course (8 weeks)
- Hydrography and Cartography middle course (15 weeks)
- Hydrographic equipment management basic course (8 weeks)
- Processing multibeam data and acquisition advanced course (15 weeks)

All these courses are given in Spanish and the material is issued by this School. The number of students is reduced in each course to have an efficient teaching and training.

Hydrographic courses of category “A” and “B” usually admit until **4 international students**. These courses start at the beginning of September. All international students who apply for these courses must comply with a set of requirements (graduate students for cat. “A”, and technical studies for cat. “B”).

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<sup>1</sup> International students are normally accepted by means of the Plan of International Cooperation for Military Teaching, in which foreign Ministries of Defense agree with the Spanish Ministry of Defense, and some foreign students are granted scholarships to study in the Spanish Hydrographic School, according to this Plan.



The hydrographic surveys basic course could admit until **2 international students**. These courses are conducted from January 13<sup>th</sup> to March 13<sup>th</sup> approximately (the next courses will be in 2022, 2023 and 2024).

The hydrography and Cartography middle course could admit till **2 international students**. These courses are conducted from September 1<sup>st</sup> to December 11<sup>th</sup> approximately (the next courses will be in 2022, 2023 and 2024).

The hydrographic equipment management basic course could admit till **2 international students**. This course is to update periodically the knowledge of our hydrographers and to deal with lessons learned during surveys. These courses are carried out from April 15<sup>th</sup> to June 15<sup>th</sup> approximately (the next course will be this year and the next one in 2023).

Processing multibeam data and acquisition advanced course could admit till **2 international students**. These courses are carried out from April normally (in 2022 and 2024, every two years).

IHM is opened to collaborate with other regional Hydrographic Commissions in seminars, courses and workshops, for Spanish-spoken language, with highly-qualified educators. IHM has teachers to take part in a wide variety of courses, highlighting courses like the following:

1. The multibeam echosounder data processing course (5 days).
2. The hydrographic surveys basic course (10 days).
3. The maritime security information course (3 days).
4. The hydrographic surveys course in very shallow waters (5 days).
5. The seafloor characterization workshop (5 days).
6. The tides and water level workshop (5 days).