



VIII CLGE Conference of the European Surveyor “BLUE SURVEYING”

Need for Hydrographic Education

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Sevilla (Spain) 27th October 2022 Hotel Barceló Sevilla Renacimiento





IHO Recognized Hydrographic Education

- Recognized by 'International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers'
- Consists of 4 member of FIG / 4 members of IHO / 2 members of ICA
- Recognition for 6 years
- Hydrography Cat A and Cat B
- Nautical Cartography Cat A and Cat B





IHO Recognized Education in Europe

- Cat A
 - Master of Science in Hydrography – ENSTA - France - 104 weeks
 - Master of Science in Geomatics / specialisation in Hydrography – Hafencity University HAMBURG – Germany – 104 weeks
 - Post Graduate Degree in Marine Geomatics for Hydrography – Italian Navy Hydrographic Institute – Italy – 64 weeks
 - Ocean Technology – Maritiem instituut Willem Barentsz – Netherlands – 184 weeks
 - Specialization Course in Hydrography and Oceanography for Naval Officers – Spanish Hydrographic Institute – Spain - 40 weeks
 - Specialization Course in Hydrography – Portuguese Hydrographic Institute – Portugal – 44 weeks
 - MSc Geospatial Sciences – hydrographic Surveying – University College London (UCL)/The Port of London Authority – UK – 52 weeks
 - Turkish Navy Hydrographic Course – Turkish Office of Navigation, Hydrography and Oceanography – Turkey – 29 weeks





IHO Recognized Education in Europe

- Cat B
 - Postgraduate Programme Hydrography B – Antwerp Maritime Academy/Institute for Hydrography – Belgium – 52 weeks
 - Advanced Training Course on Hydrography for Petty Officers – SHOM – France – 78 weeks
 - Hydrographic Surveyors Course – Italian Navy Hydrographic Institute – Italy – 33 weeks
 - Course Programme in Hydrography – Skilltrade/Nova College – Netherlands – 30 weeks
 - Technical course in Hydrography – Portuguese Hydrographic Institute – Portugal – 59 weeks
 - Course of Complementary Specialization in Hydrography for Navy Petty Officers – Spanish Hydrographic Institute – 40 weeks
 - Swedish Hydrographic Science – University of Gothenburg – Sweden – 24 weeks
 - Applied Hydrographic Survey Programme – Fugro Academy – UK – 24 weeks
 - Hydrographic Course – Maritime Warfare School – UK – 20 weeks
 - Applied Hydrographic Education Certificate Programme – Middle East Technical University – Turkey – 18 weeks

