

## FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC)

## LIST OF RECOGNIZED HYDROGRAPHY PROGRAMMES

Updated 30/03/2021

Year	Ed.	Programme	Institution	Country	Cat	H C	Options	Language	Weeks	Next Rec.
2016	11.1.0	H2 Hydrographic Surveying Course	Royal Australian Navy	Australia	B	H	1	English	26	2022
2020	1.0.1	Basic Hydrographic Course	Bangladesh Navy Hydrographic School	Bangladesh	B	H		English	24	2026
2020	1.0.1	Postgraduate Programme Hydrography B	Antwerp Maritime Academy - Institute for Hydrography	Belgium	B	H		English	52	2026
2016	11.1.0	Course in Hydrography for Officers	Brazilian Navy/DHN	Brazil	A	H	1,2,3,5, 6,7	Portuguese	50	2022
2016	11.1.0	Course in Hydrography and Navigation for Petty Officers	Brazilian Navy/DHN	Brazil	B	H	1	Portuguese	35	2022
2014	11.0.1	Course in hydrographic surveying	Centre interdisciplinaire de développement en cartographie des océans (CIDCO)	Canada	B	H		English	20	2021
2016	11.1.0	Ocean Mapping – Joint Diploma of Technology / Bachelor of Technology	The Fisheries and Marine Institute of Memorial University of Newfoundland (MI)	Canada	B	H	1,2,3,4, 5,7	English	208	2022
2017	1.0.0	Course in Hydrography and Oceanography	Hydrographic and Oceanographic Service of the Chilean Navy	Chile	A	H		Spanish	88	2023
2018	1.0.1	Programme for Bachelor of Engineering Degree in Hydrography	Dalian Naval Academy (DNA)	China	A	H		Chinese English	182	2024
2019	1.0.1	Basic Course in Hydrography	Dalian Naval Academy (DNA)	China	B	H		English	26	2025
2018	1.0.1	Hydrography Course	Escuela Naval de Cadetes "Almirante Padilla"	Colombia	A	H		Spanish	81	2024
2018	1.0.1	Naval Technology in Hydrography	Escuela Naval de Suboficiales "ARC Barranquilla"	Colombia	B	H		Spanish	104	2024
2016	11.1.0	Specialty Course in Hydrography	Oceanographic Institute of the Navy	Ecuador	B	H	1,2,6	Spanish	78	2022
2017	1.0.0	Hydrographic Survey Programme	Egyptian Navy Hydrographic Department and the Arab Academy for Science and Technology	Egypt	B	H		Arab	24	2023
2016	11.1.0	Master of Science in Hydrography	ENSTA Bretagne	France	A	H	1,2,5	English French	104	2022
2016	11.1.0	Option Hydrographique et Océanographie	ENSTA Bretagne	France	A	H	1,2,5	English French	76	2022

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2016	1.0.0	Advanced Training Course on Hydrography for Petty Officers	SHOM	France	B	H	1	French	78	2022
2017	1.0.0	Master of Science in Geomatics / Specialisation in Hydrography	HafenCity University Hamburg (HCU)	Germany	A	H		English	104	2023
2020	1.0.2	Long Hydrographic Course	National Institute of Hydrography	India	A	H		English	42	2026
2020	1.0.1	Basic Hydrography Course	National Institute of Hydrography	India	B	H		English	24	2026
2019	1.0.1	Hydrographic Surveying Programme (Global Delivery)	IIC Technologies Academy	India	B	H		English	26	2025
2020	1.0.1	Course in Hydrography for Naval Officers	Indonesian Navy (PUSHIDROSAL)	Indonesia	B	H		Indonesian	26	2026
2020	1.0.2	Hydrographic Education / Hydrographic Surveyor Profession Education Program	Geodesy and Geomatics Engineering Study Program - Institut Teknologi Bandung (ITB)	Indonesia	A	H		English	45	2026
2014	11.0.1	Master in Marine Geomatics and Applied Technologies to Marine Environment	Italian Navy Hydrographic Institute	Italy	A	H	1,2,5	English	34	2021
2015	11.0.1	Intermediate Course for Military and Civilian Attendees	Italian Navy Hydrographic Institute	Italy	B	H	-	English	33	2021
2020	1.0.1	Hydrography for Charting, Disaster Prevention and Environmental Protection	Japan International Co-operation Agency (JICA) and Japan Coast Guard Hydrographic and Oceanographic Department (JHOD)	Japan	B	H		English	24	2026
2019	1.0.1	Ocean Science Course	Japanese Coast Guard School	Japan	B	H		Japanese	52	2025
2019	1.0.1	Course in Hydrography (HYDRO I)	Universiti Teknologi Malaysia (UTM)	Malaysia	B	H		English	26	2025
2014	11.0.1	UTM Hydro II (Hydrographic Surveying II Course)	Universiti Teknologi Malaysia (UTM)	Malaysia	A	H	2,7	English	18	2021
2018	1.0.1	Hydrography and Marine Technology Programme (UTM Hydro III)	Universiti Teknologi Malaysia (UTM)	Malaysia	A	H		English	52	2024
2016	11.1.0	Ocean Technology	Maritiem Instituut Willem Barentsz	Netherlands	A	H	1,2,4,7	English	208	2022
2016	11.1.0	Course Programme in Hydrography	Skilltrade – Nova College	Netherlands	B	H	2,4	English	30	2022

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2016	11.1.0	Course Programme in Hydrography	Skilltrade – Nova College	Netherlands	B	H	2,4	English	30	2022
2016	11.1.0	Hydrographic Survey for Production of Nautical Charts	Pakistan Navy	Pakistan	B	H	-	English	30	2022
2018	1.0.1	Specialization Programme in Hydrography for Naval Officers	Peruvian Navy	Peru	B	H		Spanish	42	2024
2017	1.0.0	Specialization Course in Hydrography	Portuguese Hydrographic Institute (IHPT)	Portugal	A	H		Portuguese	44	2023
2018	1.0.1	Technical Course in Hydrography	Portuguese Hydrographic Institute (IHPT)	Portugal	B	H		Portuguese	59	2024
2017	1.0.0	Hydrographic Survey Program	Korea Hydrographic and Oceanographic Agency (KHOA)	Republic of Korea	B	H		English	20	2023
2019	1.0.1	Hydrography Surveying Programme	Faculty of Maritime Studies, King Abdulaziz University	Saudi Arabia	A	H		English	124	2025
2019	1.0.1	Hydrographic Surveying Course	ST Electronics (Training & Simulation Systems) Pte Ltd (STEE-T&S)	Singapore	B	H		English	21	2025
2019	1.0.1	Specialization Course in Hydrography and Oceanography for Naval Officers	Spanish Hydrographic Institute	Spain	A	H		Spanish	40	2025
2020	1.0.1	Course of Complementary Specialization in Hydrography for Navy Petty Officers	Spanish Hydrographic Institute	Spain	B	H		Spanish	40	2026
2015	11.0.1	Bachelor of Science Honours in Surveying Sciences - Specialisation in Hydrographic Surveying	Sabaragamuwa University of Sri Lanka	Sri Lanka	B	H	-	English	208	2021
2018	1.0.1	Swedish Hydrographic Science	University of Gothenburg	Sweden	B	H		English	24	2024
2018	1.0.1	Turkish Navy Hydrographic Course	Turkish Office of Navigation, Hydrography and Oceanography (ONHO)	Turkey	B	H		Turkish	29	2024
2016	11.1.0	Applied Hydrographic Education Certificate Programme	Middle East Technical University (METU)	Turkey	B	H	1,2,7	Turkish	18	2022
2018	11.0.1	Applied Hydrographic Survey Programme (AHSP)	Fugro Academy / Fugro Great Britain (North) Marine Ltd.	UK	B	H		English	24	2024
2018	11.0.1	MSc Geospatial Sciences - Hydrographic Surveying	University College London (UCL)/The Port of London Authority (PLA)	UK	A	H		English	52	2024
2020	1.0.1	Hydrographic Course (HM100/203)	Maritime Warfare School - Hydrography and Meteorology Training Unit (HMTU)	UK	B	H		English	20	2026

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2015	11.0.1	HM Advanced Survey Course	Royal Navy Flag Officer Sea Training	UK	A	H	1,6	English	22	2021
2018	1.0.1	M. S. in Hydrographic Science/Joint International Hydrographic Applied Science Program (JIHASP)	University of Southern Mississippi/Naval Meteorology and Oceanography Command	USA	A	H		English	45	2024
2018	1.0.1	B.S. Marine Science (Hydrography)	University of Southern Mississippi	USA	B	H		English	208	2024
2019	1.0.1	International Hydrographic Management and Engineering Program (IHMEP)	Naval Meteorology and Oceanography Command	USA	B	H		English	26	2025
2018	1.0.1	Graduate Programme in Ocean Mapping	University of New Hampshire/NOAA-UNH Joint Hydrographic Center	USA	A	H		English	53	2024

LIST OF RECOGNIZED NAUTICAL CARTOGRAPHY PROGRAMMES

Year	Ed.	Programme	Institution	Country	Cat	H C	Spec	Language	Weeks	Next Rec.
2019	1.0.1	University Degree in Cartography	School of Marine Sciences	Argentina	A	C		Spanish	152	2025
2019	1.0.1	Programme for Bachelor of Engineering Degree in Cartography	Dalian Naval Academy (DNA)	China	A	C		Chinese	182	2025
2019	1.0.0	Basic Course in Cartography	Dalian Naval Academy (DNA)	China	B	C		Chinese	26	2025
2017	3.1.0	Advanced Training Course in Nautical Cartography	SHOM	France	B	C	2	French	31	2023
2020	1.0.0	Nautical Cartography Programme	Korea Hydrographic and Oceanographic Agency (KHOA)	Republic of Korea	B	C		English	22	2026
2020	1.0.0	Marine Geospatial Information (Global Delivery)	IIC Technologies Academy	India	B	C		English	22	2026
2016	3.1.0	Marine Geospatial and Cartography Programme	Universiti Teknologi Malaysia (UTM)	Malaysia	B	C	1.2	English	26	2022
2014	3.0.1	Marine Cartography and Data Assessment (MCDA)	United Kingdom Hydrographic Office (UKHO)	UK	B	C	1	English	16	2021
2017	3.1.1	OCS Certification in Cartography	NOAA/National Ocean Survey/Office of Coast Survey	USA	B	C	2	English	51	2023

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LIST OF RECOGNIZED NATIONAL/REGIONAL SCHEMES - HYDROGRAPHY

Year	Ed.	Programme	Institution	Country	Cat	H C	Options	Language	Weeks	Next Rec.
2019	1.0.1	AHSCP Certification Scheme	Australasian Hydrographic Surveyors Certification Panel (AHSCP)	Australia	-	-		English		2025
2016	11.1.0	System for Certifying and Recognizing the Competency of Individuals as Hydrographic Surveyors in Canada	Association of Canada Lands Surveyors (ACLS)	Canada	-	S	-	English		2022

LIST OF PROGRAMMES HAVING LOST RECOGNITION

Year	Ed.	Programme	Institution	Country	Cat	H C	Spec,	Language	Weeks	Status
2004	6th	Course in Hydrography	International Maritime Academy of Trieste	Italy	B	-	1	English	-	-
2005	8th	Harbour and Coastal Management addressed to Harbour and Coastal Surveyors	International Maritime Academy of Trieste	Italy	B	-	2	English	-	-
2005	1st	Model Course in Nautical Cartography	International Maritime Academy of Trieste	Italy	A	-		English	-	-
2006	7th	Course in Hydrographic Surveying	Department of Geometrics & Geomatics of the University of Melbourne	Australia	A	-	1	English	-	-
2009	7th	Course in Hydrography	Academy Admiral Makarov	Russia	A	-	1,2,3	Russian	-	-
2009	7th	Course in Hydrography	St. Petersburg Naval Academy	Russia	A	-	1	Russian	-	-
2011	8th	LSGI Hydrographic post-graduated Diploma	Polytechnic University of Hong-Kong	China	A	-		English	-	-
2013	8th	Hydrographic Surveyors Programme	Naval Academy of Colombia	Colombia	A	-	1	Spanish	-	-
2014	9th	Patent Superior Technician in Hydrography	Tunisian H.O.	Tunisia	B	-	1	French	-	-
2014	9th	Hydrographic Education Programme	University of Otago	New Zealand	A	-		English	-	-
2017	9th	Bsc (Honours) Ocean Exploration	University of Plymouth	UK	A	-		English	-	-

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2017	9th	Msc Course in Hydrographic Surveying	University of Plymouth	UK	A	H	1	English	52	-
2017	10th	Course Programme in Hydrography	TECHAWI	Germany	B	-	2,3,5	English	-	-
2018	3rd	Marine Geospatial Information Programme	IIC Technologies Academy	India	B	C	2	English	26	-
2018	3rd	Nautical Cartography	General Commission for Surveys (GCS)	Saudi Arabia	B	C	2	English	26	-
2018	11th	Hydrographic Surveying Programme	General Commission for Surveys (GCS)	Saudi Arabia	B	H	1,2	English	26	-
2018	11th	International Hydrographic Management and Engineering Program (IHMEP) - Replaced by a new course in 2019	Naval Meteorology and Oceanographic Command (CNMOC)	USA	B	H	-	English	26	-
2019	11th	Specialization Course in Hydrography for Navy Officers and Civilian Attendees	Argentinean Navy Sea Sciences Academy	Argentina	B	H	1,5,7	Spanish	42	-
2019	11.0.1	Basic Hydrographic Surveying Course	Hydro Geo School	Iran	B	H	4	English Persian	25	-
2014	11.0.1	Hydrographic Surveying Programme - Replaced by a new course in 2019	IIC Technologies Academy	India	B	H	1,2	English	26	-
2020	11.0.1	Advanced Course in Hydrography	Japanese Coast Guard Academy	Japan	A	H	-	Japanese	52	-