

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

Certificates of Recognition Awarded by the IBSC

Certif.	Name of Programme	Name of Institution	Country	Cat	Hydro/Carto Scheme	Options	Standards	Edition	From	To
1	Basic and Long Hydrographic Course	R.N.Hydrographic School, H.M.S. Drake	UK	B	Hydrography	-	S-5	1979	1980	1990
2	ENSIETA-Spécialité Hydrographie	SHOM	France	A	Hydrography	-	S-5	1980	1980	1990
3	Assistant Surveyor 4th (H4) class	Hydrographic Service of the Royal Australian Navy	Australia	B	Hydrography	-	S-5	1978	1981	1991
4	Basic and Long Hydrographic Specialist Course	H.N Hydrographic School, GOA	India	A	Hydrography	-	S-5	1981	1982	1992
5	4 years Course in Hydrography	Hogere Zeevaartschool, Amsterdam	Netherlands	A	Hydrography	-	S-5	1981	1982	1992
6	Officiers Mariniers Hydrographes	Ecole des hydrographes, SHOM	France	B	Hydrography	-	S-5	1981	1983	1993
7	Specialisation Course in Hydrography	Portugese Naval Hydrographic Inst.	Portugal	A	Hydrography	-	S-5	1981	1983	1993
8	Graduate Education Programme in Hydrographic Sciences	US Naval Post Graduate School	USA	A	Hydrography	-	S-5	1983	1984	1994
9	Syllabus of the final examination in Hydrographic Surveying	The Royal Institution of Chartered Surveyors	UK	A	Hydrography	-	S-5	1983	1984	1994
10	Intermediate Hydrography and Oceanography Course	Hydrographic Institute of Portugal	Portugal	B	Hydrography	-	S-5	1983	1984	1994
11	Hydrographic Officers' Course	Hydrographic Institute of Spain	Spain	A	Hydrography	-	S-5	1983	1985	1995
12	Qualification Course in Hydrography	Italian Hydrographic Institute of the Navy	Italy	A	Hydrography	-	S-5	1985	1986	1996
13	Graduate Diploma in Hydrographic Surveying	Australian Maritime College	Australia	A	Hydrography	-	S-5	1985	1986	1996
14	Hydrography	Japanese Maritime Safety School	Japan	B	Hydrography	-	S-5	1985	1987	1997
15	Hydrographic Specialist Programme	Canadian Hydrographic Service	Canada	A	Hydrography	-	S-5	4th	1987	1997
16	Hydrographic Surveyor Training Programme	University of New Brunswick	Canada	A	Hydrography	-	S-5	4th	1987	1997
17	Diploma in Hydrographic Surveying	Plymouth Polytechnic	UK	A	Hydrography	-	S-5	5th	1987	1997
18	Group Training Course in Hydrographic Survey	Hydrographic Department Maritime Safety Agency	Japan	B	Hydrography	1	S-5	5th	1988	1998
19	Advanced course in Hydrography	Maritime Safety Academy	Japan	A	Hydrography	1	S-5	5th	1989	1999
20	Hydrographic Training	US Naval Oceanographic Office	USA	B	Hydrography	1	S-5	5th	1989	1999
21	Hydrographie Portuaire	Univeristy of Bordeaux	France	B	Hydrography	1	S-5	5th	1990	2000
22	Hydrographic Officer's Course	Hydrographic Institute of Chile	Chile	B	Hydrography	1	S-5	5th	1990	2000
23	Hydrographic Officer's Course	Hydrographic Institute of Chile	Chile	A	Hydrography	1	S-5	5th	1991	2001

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24	Studies in Surveying and Hydrography	Hamburg Polytechnics	Germany	A	Hydrography	1	S-5	5th	1990	2000
25	RAN Course for Surveying Assistant Fourth Class (H4)	The Royal Australian Navy Hydrographic School	Australia	B	Hydrography	1	S-5	5th	1991	2001
26	Cours Hydrographie	Ecole Nationale Supérieure des Ingénieurs des Etudes et Techniques d'Armement (ENSIETA)	France	A	Hydrography	1	S-5	5th	1991	2001
27	Officers Training Course	Naval Hydrographic School of Indonesia	Indonesia	B	Hydrography	1	S-5	5th	1993	2003
28	Specialisation Course in Hydrography	Portuguese Hydrographic Institute	Portugal	A	Hydrography	1.2	S-5	5th	1993	2003
29	Advanced Course in Hydrography for Officers	Diretoria de Hidrografia e Navegação	Brazil	A	Hydrography	1	S-5	6th	1993	2003
30	Course of Hydrography for Naval Officers	Peruvian Navy	Peru	B	Hydrography	-	S-5	6th	1994	2004
31	Course in Hydrography	Indonesian Hydrographic Service of the Navy (SEHIDRAL)	Indonesia	B	Hydrography	-	S-5	6th	1994	2004
32	Course in Hydrography	International Maritime Academy (Trieste)	Italy	B	Hydrography	-	S-5	6th	1994	2004
33	Intermediate Hydrography and Oceanography Course	Portuguese Hydrographic Institute (IHPT)	Portugal	B	Hydrography	-	S-5	6th	1994	2004
34	Basic and Long Hydrographic Course	R.N. Hydrographic School, H.M.S. Drake	UK	A	Hydrography	1	S-5	6th	1994	2004
35	Basic Hydrographic Course	R.N. Hydrographic School, H.M.S. Drake	UK	B	Hydrography	1	S-5	6th	1994	2004
36	Coastal Zone Management Hydrographic Survey Diploma	Chilean Maritime University (UMACH)	Chile	B	Hydrography	2	S-5	6th	1994	2004
37	Officers Training Course (SEHIDRAL)	Naval Hydrographic School	Indonesia	B	Hydrography	1.2	S-5	6th	1994	2004
38	Course in Hydrography	University Teknologi Malaysia	Malaysia	B	Hydrography	2	S-5	6th	1995	2005
39	Long Hydrographic Specialist Course	Indian Naval Hydrographic School, Goa	India	A	Hydrography	1.2	S-5	6th	1995	2005
40	Course in Hydrography for Naval Officers	Hydrographic Institute of Spain	Spain	A	Hydrography	1	S-5	6th	1995	2005
41	Hydrographic Officers' Course	Hydrographic Institute of Spain	Spain	A	Hydrography	1	S-5	7th	1995	2005
42	Curso de Hidrografia para Oficiales	Servicio de Hidrografia Naval	Argentina	B	Hydrography	1	S-5		1996	2006
43	Course in Hydrographic Surveying - Dept of Geometries and Geomatics	University of Melbourne	Australia	A	Hydrography	1.2	S-5	7th	1997	2007
44	Course in Hydrography	Admiral Makarov Maritime State Academy	Russia	A	Hydrography	1.2	S-5	7th	1997	2007
45	Ocean Science Curriculum	Maritime Safety School of Japan	Japan	B	Hydrography	1	S-5	7th	1997	2007

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46	Specialisation Course in Hydrography for Petty Officers	Hydrographic Institute of Spain	Spain	B	Hydrography	1	S-5	7th	1997	2007
47	Specialisation Course in Hydrography	Italian Hydrographic Institute	Italy	A	Hydrography	1	S-5	7th	1997	2007
48	Basic/Long Hydrographic Specialist Course	Indian National Hydrographic School, Goa	India	A	Hydrography	1,2,4	S-5	7th	1997	2007
49	4-year Course Programme on Hydrography	Hogere Zeevaartschool Amsterdam	Netherlands	A	Hydrography	1,2,4	S-5	7th	1997	2007
50	Basin + Long Hydrographic Course	National Hydrographic School	India	A	Hydrography	1,2,3,4	S-5	8th	1998	2008
51	Course in Hydrography- HYDRO II	University of Technology of Malaysia (UTM)	Malaysia	A	Hydrography	1,2,5,7	S-5	8th	1998	2008
52	Post-graduate Diploma in Hydrography	University of Plymouth	UK	A	Hydrography	4	S-5	7th	1998	2008
53	Group Training Course in Hydrographic Survey	Hydrographic Department Maritime Safety Agency	Japan	B	Hydrography	1.2	S-5	7th	1998	2008
54	Course in Hydrography	St Petersburg Naval Academy	Russia	A	Hydrography	1.2	S-5	7th	1999	2009
55	International Hydrographic Management and Engineering Program	Naval Oceanographic Office	USA	B	hydrography	1	S-5	8th	1999	2009
56	Advanced Course in Hydrography	Maritime Safety Agency of Japan	Japan	A	Hydrography	1	S-5	8th	1999	2009
57	Free Course in Hydrography	National Hydrographic School of India	India	B	Hydrography	1,2,3,5	S-5	8th	1999	2009
58	Long Course in Hydrography	Royal Navy Hydrographic School	UK	A	Hydrography	6	S-5	8th	1999	2009
59	Course in Hydrography	St Petersburg Naval Academy	Russia	A	Hydrography	1	S-5	7th	1999	2009
60	Post-graduate Diploma in Hydrographic Surveying	University of Plymouth	UK	A	Hydrography	1	S-5	8th	1999	2009
61	Joint International Hydrographic applied Science Program	University of Southern Mississippi - NAVOCEANO	USA	A	Hydrography	1.5	S-5	8th	2000	2010
62	Harbour and Coastal Management addressed to Harbour and Coastal Surveyors	International Maritime Academy of Trieste	Italy	B	Hydrography	2	S-5	8th	2000	2010
63	Hydrography and Oceanographic Course for Naval Officers	The Chilean Hydrographic Office	Chile	A	Hydrography	1.2	S-5	8th	2000	2010
64	Port Hydrography Course	Bordeaux University	France	B	Hydrography	2	S-5	8th	2001	2011

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65	Engineering Course with Hydrographic option	Service Hydrographique et Océanographique de la Marine - ENSIETA	France	A	Hydrography	1.5	S-5	8th	2001	2011
66	MSC in Hydrographic Surveying	The University College of London/Port of London Authority	UK	A	Hydrography	1.2	S-5	8th	2001	2011
67	Hydrographic Surveyors Program	The Naval Academy of Colombia	Colombia	A	Hydrography	1.2	S-5	8th	2001	2011
68	Graduate Programme in Ocean Mapping	The Joint Hydrographic Center/University of New Hampshire (UNH) and National Oceanic and Atmospheric Administration (NOAA)	USA	A	Hydrography	-	S-5	8th	2001	2011
69	Geomatics and Hydrography	The Hamburg University of Applied Sciences	Germany	A	Hydrography	1	S-5	8th	2001	2011
70	LSGI Hydrographic Postgraduate Diploma	The Polytechnic University Hong Kong	China	A	Hydrography	-	S-5	8th	2001	2011
71	Programme for Bachelor of Engineering Degree in Hydrography	Dalian Naval Academy	China	A	Hydrography	1,2,3,4	S-5	9th	2002	2012
72	H2 Hydrographic Surveying Course	Royal Australian Navy	Australia	B	Hydrography	1.6	S-5	9th	2002	2012
73	Advanced Training Course on Hydrography for Officers (CAHO)	The Hydrographic School of the Brazilian Navy	Brazil	A	Hydrography	-	S-5	9th	2002	2012
74	The Royal Navy's HM (H) Course	The Maritime Warfare School HM Training Group	UK	B	Hydrography	6	S-5	9th	2003	2013
75	Advanced Training Course on Hydrography for Officers	Etablissement Principal du Service Hydrographique et Océanographique de la Marine (EPSHOM)	France	B	Hydrography	-	S-5	9th	2003	2013
76	Programme for National Diploma in Hydrography	Dalian Naval Academy	China	B	Hydrography	1,2,3,4,5,6	S-5	9th	2003	2013
77	Specialisation Course in Hydrography	The Portuguese Hydrographic Institute	Portugal	A	Hydrography	1.2	S-5	9th	2003	2013
78	Hydrographic Education Programme	The University of Otago	New Zealand	A	Hydrography		S-5	9th	2003	2013
79	Course of Hydrography for Naval Officers	The Peruvian Hydrographic Service	Peru	B	Hydrography	1,2,5,7	S-5	9th	2004	2014
80	Technical Course in Hydrography	The Portuguese Hydrographic Institute	Portugal	B	Hydrography	1.2	S-5	9th	2004	2014
81	Hydrographic Data Processing and Marine Cartography Programme	United Kingdom Hydrographic Office	UK	B	Cartography		S-8	1st	2005	2015

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82	Model Course in Nautical Cartography	International Maritime Academy (Trieste)	Italy	A	Cartography	-	S-8	1st	2005	2015
83	Basic Hydrographic Course	Bangladesh Navy Hydrographic School	Bangladesh	B	Hydrography	-	S-5	9th	2005	2015
84	Curso de Hidrografia para Oficiales	Escuela de Hidrografia del Instituto Hydrografico de la Marina	Spain	A	Hydrography	1.6	S-5	9th	2005	2015
85	Programme for Bachelor of Engineering Degree in Hydrography	Dalian Naval Academy	China	A	Hydrography	1,2,3,4,5,6,7	S-5	9th	2003	2013
86	Programme for Bachelor of Engineering Degree in Nautical Cartography	Dalian Naval Academy	China	A	Cartography	-	S-8	1st	2003	2013
87	Course in Hydrography for Navy Officers	Indonesian Naval Hydro-Oceanographic School (SEHIDAL)	Indonesia	B	Hydrography	1.2	S-5	9th	2006	2016
88	Basic Hydrographic Course	National Hydrographic School	India	B	Hydrography	1.6	S-5	9th	2006	2016
89	Long Hydrographic Course	National Hydrographic School	India	A	Hydrography	1,2,3	S-5	9th	2006	2016
90	Ocean Science Curriculum	Japan Coast Guard School	Japan	B	Hydrography	1	S-5	9th	2007	2013
91	Curso de Especialidad en Hidrografia y Oceanografia para Suboficiales	Instituto hidrografico de la Marina	Spain	B	Hydrography	1.6	S-5	9th	2007	2013
92	Course in Hydrography - hydro 1	Universiti Teknologi Malaysia	Malaysia	B	Hydrography	2.7	S-5	9th	2007	2013
92.5	Hydrography Training Course	Maritiem Instituut Willem Barentsz	Netherlands	A	Hydrography		S-5	9th	2007	2013
93	Hydrographic Survey Course	Skilltrade- STC	Netherlands	B	Hydrography	2.4	S-5	9th	2008	2014
93.5	Specialisation Course	Italian Hydrographic Institute	Italy	A	Hydrography	1,2,5	S-5	9th	2009	2015
94	Course in Hydrography	University of Technology of Malaysia (UTM)	Malaysia	A	Hydrography	2.7	S-5	9th	2008	2014
95	Potent Superior Technician in Hydrography	Naval Hydrographic and Oceanographic Center	Tunisia	B	Hydrography	1	S-5	9th	2007	2013
96	Advance Course in Hydrography	Japan Coast Guard Academy	Japan	A	Hydrography	1	S-5	9th	2008	2014
97	Group Training Course in Information Management for Maritime Activity and Disaster Prevention	Japan Coast Guard and Japan International co-operation Agency	Japan	B	Hydrography	-	S-5	9th	2008	2014
98	Hydrographic Education Programme	University of Otago	New Zealand	A	Hydrography	-	S-5	9th	2008	2014
99	H2 Hydrographic Surveying Course	Royal Australian Navy	Australia	B	Hydrography	1.6	S-5	9th	2009	2015

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100	Intermediate Course for Navy Officers	Italian Hydrographic Institute	Italy	B	Hydrography	-	S-5	9th	2009	2015
101	Hydrography Survey for production of nautical charts	Hydrographic Department of Pakistan	Pakistan	B	Hydrography	-	S-5	9th	2009	2015
102	Curso de Hidrografia para Oficiales	Instituto Oceanografico de la Armada del Ecuador	Ecuador	B	Hydrography	1	S-5	9th	2009	2015
103	Applied Hydrographic Education Certificate Programme	Middle East Technical University	Turkey	B	Hydrography	1,2,7	S-5	10th	2009	2015
104	B.Sc Ocean Exploration (Honours)	University of Plymouth, School of Marine Science and Engineering	UK	A	hydrography	-	S-5	9th	2010	2016
105	M.Sc Hydrography (Postgraduate)	University of Plymouth, School of Marine Science and Engineering	UK	A	Hydrography	-	S-5	9th	2010	2016
106	Advanced Training Course on Hydrography for Officers (CAHO) of the Brazilian Navy (MB)	Directorate of Hydrography and Navigation (DHN)	Brazil	A	Hydrography	1,2,3,5,6,7	S-5	10th	2010	2016
107	Advanced Training Course on Hydrography for Petty Officers (C-AP-HN) of the Brazilian Navy (MB)	Directorate of Hydrography and Navigation (DHN)	Brazil	B	Hydrography	-	S-5	10th	2010	2016
108	Hydrography and Oceanography Course for Officers	Servicio Hidrografico y Oceanografico de la Armada de Chile	Chile	A	Hydrography	-	S-5	10th	2010	2016
109	Course in Hydrography (Option HYO)	ENSIETA- Ecole Nationale Supérieure des Ingénieurs des Etudes et Techniques d'Armement	France	A	Hydrography	1,2,4,5	S-5	10th	2010	2016
110	Master of Science Geomatics-Specialisation in Hydrography	Hafencity Universitat	Germany	A	Hydrography	1,3,5	S-5	10th	2010	2016
111	Techawi Hydrography Course	Training and Education Centre Hydrography AT AWI (Techawi)	Germany	B	Hydrography	-	S-5	10th	2010	2016
112	MSc in Hydrography Surveying	University College London and the Port of London Authority	UK	A	Hydrography	1,2,4	S-5	10th	2010	2016
113	Advanced Survey Course (HMAS)	H M Training Group, Maritime Warfare School, HMS Drake	UK	A	Hydrography	1.6	S-5	9th	2009	2015

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114	Joint International Hydrographic Applied Science Programme	University of Southern Mississippi and the Naval Meteorology and Oceanography Command	USA	A	Hydrography	1.5	S-5	11th	2011	2017
115	Graduate Programme in Ocean Mapping	UNH/Center for Coastal and Ocean Mapping/Joint Hydrographic Center	USA	A	Hydrography	1.5	S-5	11th	2011	2017
116	US International Hydrographic Management and Engineering Programme	Navy's Naval Oceanographic Office (NAVOCEANO)	USA	B	Hydrography		S-5	11th	2011	2017
117	Advanced Training Course in Hydrography for Petty Officers	Service Hydrographique et Océanographique de la Marine	France	B	Hydrography	1	S-5	11th	2011	2017
118	Advanced Training Course in Marine Cartography	Service Hydrographique et Océanographique de la Marine	France	B	Cartography	2	S-8	3rd	2011	2017
119	Turkish Navy Hydrographic Course	Turkish Navy, Office of Hydrography, Navigation and Oceanography (TN-OHNO)	Turkey	B	Hydrography	-	S-5	11th	2011	2017
120	Specialisation Course in Hydrography	School of Hydrography and Oceanography of the Portuguese Hydrographic Institute	Portugal	A	Hydrography	-	S-5	11th	2011	2017
121	Specialisation Course in Hydrography for Navy Officers and Civilians Attendees	Argentinean Navy School of Marine Sciences	Argentina	B	Hydrography	1,5,7	S-5	11th	2011	2017
122	Programme for Bachelor of Engineering Degree in Hydrography	Dalian Naval Academy	China	A	Hydrography	1,2,3,4,5,6,7	S-5	11th	2012	2018
123	Technical Course in Hydrography	Hydrographic Institute	Portugal	B	Hydrography	1.2	S-5	11th	2012	2018
124	Course in Hydrography	Peruvian Navy	Peru	B	Hydrography	1,2,5,7	S-5	11th	2012	2018
125	Hydrography Surveying	General Commission for Survey	Saudi Arabia	B	Hydrography	1.2	S-5	11th	2012	2018
126	Programme for Bachelor of Engineering Degree in Cartography	Dalian Naval Academy	China	A	Cartography	1.2	S-8	3rd	2012	2018
127	Universitary Grade in Cartography	Argentinean Navy School of Marine Sciences	Argentina	A	Cartography	2	S-8	3rd	2012	2018
128	Marine Geospatial Information	IIC Technologies Academy	India	B	Cartography	-	S-8	3rd	2012	2018
129	Nautical Cartography	General Commission for Survey	Saudi Arabia	B	Cartography	2	S-8	3rd	2012	2018

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130	A H S C P Certification Scheme	Australasian Hydrographic Surveyors Certification Panel (AHSCP)	Australia		Scheme	-	S-5	11th	2012	2018
131	Postgraduate Basic Hydrographic Surveyor	Antwerp Maritime Academy - Institute for Hydrography	Belgium	B	Hydrography	-	S-5	11th	2013	2019
132	Ocean Science Course	Japanese Coast Guard School	Japan	B	Hydrography	1	S-5	11th	2013	2019
133	Course in Hydrography (Hydro1)	Universiti Teknologi Malaysia	Malaysia	B	Hydrography	2.7	S-5	11th	2013	2019
134	Hydrographic Surveying Course	STET Maritime Pte Ltd	Singapore	B	Hydrography	1.2	S-5	11th	2013	2019
135	Specialization Course in Hydrography and Oceanography for Naval Officers	Spanish Hydrographic Institute	Spain	A	Hydrography	1.6	S-5	11th	2013	2019
136	Specialization Course in Hydrography and Oceanography for Naval Petty Officers	Spanish Hydrographic Institute	Spain	B	Hydrography	1.6	S-5	11th	2013	2019
137	HM2 Course	Royal Navy Flag Officer Sea Training (FOST-HM)	UK	B	Hydrography	6	S-5	11th	2013	2019
138	Long Hydrographic Course	National Institute of Hydrography	India	A	Hydrography	1	S-5	11th	2013	2019
139	Basic Hydrographic Course	National Institute of Hydrography	India	B	Hydrography	1.6	S-5	11th	2013	2019
140	Hydrographic Surveying	Faculty of Maritime Studies , King Abdulaziz University	Saudi Arabia	A	Hydrography	-	S-5	11th	2013	2019
141	Category B Hydrographic Surveyor Education Program	Naval Hydro-Oceanographic School	Indonesia	B	Hydrography	1.2	S-5	11th	2013	2019
142	Basic Hydrographic Course	Bangladesh Navy Hydrographic School	Bangladesh	B	Hydrography	2.6	S-5	11.0.1	2014	2020
143	Course in Hydrographic Surveying	Centre Interdisciplinaire de Développement en cartographie des océans-CIDCO	Canada	B	Hydrography	-	S-5	11.0.1	2014	2020
144	Master of Science in Hydrography	ENSTA Bretagne	France	A	Hydrography	1,2,5	S-5	11.0.1	2014	2020
145	Hydrographic Surveying Programme	IIC Technologies Academy	India	B	Hydrography	1.2	S-5	11.0.1	2014	2020
146	Hydrographic Education/ Hydrographic Surveyor Profession Education Programme	Geodesy and Geomatics Engineering Study Program- Institut Teknologi Bandung-ITB	Indonesia	A	Hydrography	2,5,7	S-5	11.0.1	2014	2020
147	Basic Hydrographic Surveying Course	Hydro Geo School	Iran (Islamic Rep of)	B	Hydrography	4	S-5	11.0.1	2014	2020

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148	Master in Marine Geomatics and Applied Technologies to Marine Environment	Italian Navy Hydrographic Institute	Italy	A	Hydrography	1,2,5	S-5	11.0.1	2014	2020
149	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	Hydrography	1,2,3	S-5	11.0.1	2014	2020
150	Advanced Course in Hydrography	Japanese Coast Guard Academy	Japan	A	Hydrography		S-5	11.0.1	2014	2020
151	UTM Hydro II (Hydrographic Surveying II	Universiti Teknologi Malaysia - UTM	Malaysia	A	Hydrography	2.7	S-5	11.0.1	2014	2020
152	Marine Geospatial Information Programme (Portable Delivery)	IIC Technologies Academy	India	B	Cartography	2	S-8	3rd	2014	2020
153	Course in Cartography	Korea Hydrographic and Oceanographic Administration - KHOA	Republic of Korea	B	Cartography	2	S-8	3rd	2014	2020
154	Marine Cartography and data Assessment Course Programme	United Kingdom Hydrographic Office - UKHO	UK	B	Cartography	-	S-8	3rd	2014	2020
155	Bachelor of Science Honours in Surveying Sciences - Specialisation in Hydrographic Surveying	Sabaragamuwa - University of Sri Lanka	Sri Lanka	B	Hydrography	-	S-5	11.0.1	2015	2021
156	Intermediate Course for Military and Civilian Attendees	Italian Navy Hydrographic Institute	Italy	B	Hydrography	-	S-5	11.0.1	2015	2021
157	Advanced Survey Course	Royal Navy Flag Officer Sea Training	UK	A	Hydrography	1.6	S-5	11.0.1	2015	2021
158	H2 Hydrographic Surveying Course	Royal Australian Navy	Australia	B	Hydrography	1	S-5	11.1.0	2016	2022
159	Course in Hydrography for Officers	Brazilian Navy / DHN	Brazil	A	Hydrography	1,2,3,5,6,7	S-5	11.1.0	2016	2022
160	Course in Hydrography and Navigation for Petty Officers	Brazilian Navy / DHN	Brazil	B	Hydrography	1	S-5	11.1.0	2016	2022
161	"Ocean Mapping" - Joint Diploma of Technology/ Bachelor of Technology	Fisheries and Marine Institute of Memorial University of New Foundland	Canada	B	Hydrography	1,2,3,4,5,7	S-5	11.1.0	2016	2022
162	Ocean Technology	Maritiem Instituut Willem Barentsz	Netherlands	A	Hydrography	1,2,4,7	S-5	11.1.0	2016	2022
163	Marine Geospatial and Cartography Programme	Universiti Teknologi Malaysia- UTM	Malaysia	B	Cartography	1.2	S-8	3.1.0	2016	2022
164	Specialty Course in Hydrography	Oceanographic Institute of the Navy	Ecuador	B	Hydrography	1,2,6	S-5	11.1.0	2016	2022
165	Master of Science in Hydrography	ENSTA Bretagne	France	A	Hydrography	1,2,5	S-5	11.1.0	2016	2022
166	Option Hydrographie et Océanographie	ENSTA Bretagne	France	A	Hydrography	1,2,5	S-5	11.1.0	2016	2022

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Certif.	Name of Programme	Name of Institution	Country	Cat	Hydro/Cartho Scheme	Options	Standards	Edition	From	To
167	Advanced Training Course on Hydrography for Petty Officers	Service Hydrographique et Océanographique de la Marine - SHOM	France	B	Hydrography	-	S-5	11.1.0	2016	2022
168	Hydrographic Survey Cat B Programme	Skilltrade- Nova College	Netherlands	B	Hydrography	2.4	S-5	11.1.0	2016	2022
169	Hydrographic Survey for Production of Nautical Charts	Pakistan Navy	Pakistan	B	Hydrography	-	S-5	11.1.0	2016	2022
170	System for Certifying and Recognizing the Competency of Individuals as Hydrographic Surveyors in Canada	Association of Canada Lands Surveyors - ACLS	Canada		Hydrography	-	S-5	11.1.0	2016	2022
171	Applied Hydrographic Education Certificate Programme	Middle East Technical University - METU	Turkey	B	Hydrography	1,2,7	S-5	11.1.0	2016	2022
172	Hydrography and Oceanography for Officers	Hydrographic and Oceanographic Service of the Chilean Navy	Chile	A	Hydrography	-	S-5A	1.0.0	2017	2023
173	Hydrographic Survey Programme	Egyptian Navy Hydrographic Department and the Arab Academy for Science, Technology and Maritime Transport	Egypt	B	Hydrography	-	S-5B	1.0.0	2017	2023
174	Specialisation Course in Hydrography	Hydrographic Institute of Portugal	Portugal	A	Hydrography	-	S-5A	1.0.0	2017	2023
175	Advanced Training Course on Nautical Cartography	Service Hydrographique et Océanographique de la Marine - SHOM	France	B	Cartography	2	S-8	3.1.0	2017	2023
176	OCS Certification in Cartography	National Oceanic and Atmospheric Administration / National Ocean Survey/ Office of Coast Survey	USA	B	Cartography	2	S-8	3.1.0	2017	2023
177	Master of Science in Geomatics - Specialisation in Hydrography	Hafencity University	Germany	A	Hydrography	-	S-5A	1.0.0	2017	2023
178	Hydrographic Survey Programme	Korea Hydrographic and Oceanographic Agency-KHOA	Republic of Korea	B	Hydrography	-	S-5B	1.0.0	2017	2023
179	Technical Course in Hydrography	Portuguese Hydrographic Institute (IHPT)	Portugal	B	Hydrography	-	S-5B	1.0.1	2018	2024
180	B.S. Marine Science (Hydrography)	University of Southern Mississippi	USA	B	Hydrography	-	S-5B	1.0.1	2018	2024
181	Graduate Programme in Ocean Mapping	University of New Hampshire/NOAA-UNH Joint Hydrographic Center	USA	A	Hydrography	-	S-5A	1.0.1	2018	2024

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182	Hydrography Course	Academia Naval de Cadetes "Almirante Padilla"	Colombia	A	Hydrography	-	S-5A	1.0.1	2018	2024
183	Programme for Bachelor of Engineering Degree in Hydrography	Dalian Naval Academy (DNA)	China	A	Hydrography	-	S-5A	1.0.1	2018	2024
184	Naval Technology in Hydrography	Academia Naval de Suboficiales "ARC Barranquilla"	Colombia	B	Hydrography	-	S-5B	1.0.1	2018	2024
185	Hydrography and Marine Technology Programme (UTM Hydro III)	Universiti Teknologi Malaysia (UTM)	Malaysia	A	Hydrography	-	S-5A	1.0.1	2018	2024
186	Specialization Programme in Hydrography for Naval Officers	Peruvian Navy	Peru	B	Hydrography	-	S-5B	1.0.1	2018	2024
187	Swedish Hydrographic Science	University of Gothenburg	Sweden	B	Hydrography	-	S-5B	1.0.1	2018	2024
188	Turkish Navy Hydrographic Course	Turkish Office of Navigation, Hydrography and Oceanography (ONHO)	Turkey	B	Hydrography	-	S-5B	1.0.1	2018	2024
189	MSc Geospatial Sciences - Hydrographic Surveying	University College London (UCL)/The Port of London Authority (PLA)	UK	A	Hydrography	-	S-5A	1.0.1	2018	2024
190	Applied Hydrographic Survey Programme (AHSP)	Fugro Academy / Fugro Great Britain (North) Marine Ltd.	UK	B	Hydrography	-	S-5B	1.0.1	2018	2024
191	Joint International Hydrographic Applied Science Program (JIHASP)	University of Southern Mississippi/Naval Meteorology and Oceanography Command	USA	A	Hydrography	-	S-5A	1.0.1	2018	2024
192	Basic Course in Hydrography	Dalian Naval Academy (DNA)	China	B	Hydrography	-	S-5B	1.0.1	2019	2025
193	Hydrographic Surveying Programme (Global Delivery)	IIC Technologies Academy	India	B	Hydrography	-	S-5B	1.0.1	2019	2025
194	Ocean Science Course	Japanese Coast Guard School	Japan	B	Hydrography	-	S-5B	1.0.1	2019	2025
195	Course in Hydrography (HYDRO I)	Universiti Teknologi Malaysia (UTM)	Malaysia	B	Hydrography	-	S-5B	1.0.1	2019	2025
196	Hydrography Surveying	Faculty of Maritime Studies, King Abdulaziz University	Saudi Arabia	A	Hydrography	-	S-5A	1.0.2	2019	2025
197	Hydrographic Surveying Course	ST Electronics (Training & Simulation Systems) Pte Ltd (STEE-T&S)	Singapore	B	Hydrography	-	S-5B	1.0.1	2019	2025

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Certif.	Name of Programme	Name of Institution	Country	Cat	Hydro/Carto Scheme	Options	Standards	Edition	From	To
198	Specialization Course in Hydrography and Oceanography for Naval Officers	Spanish Hydrographic Institute	Spain	A	Hydrography	-	S-5A	1.0.2	2019	2025
199	International Hydrographic Management and Engineering Program (IHMEP)	Naval Oceanographic Office	USA	B	Hydrography	-	S-5B	1.0.1	2019	2025
200	University Degree in Cartography	School of Marine Sciences	Argentina	A	Cartography	-	S-8A	1.0.1	2019	2025
201	Programme for Bachelor of Engineering Degree in Cartography	Dalian Naval Academy (DNA)	China	A	Cartography	-	S-8A	1.0.1	2019	2025
202	Basic Course in Cartography	Dalian Naval Academy (DNA)	China	B	Cartography	-	S-8B	1.0.0	2019	2025
203	AHSCP Certification Scheme	Australasian Hydrographic Surveyors Certification Panel (AHSCP)	Australia	-	Scheme	-	Guidelines	2.0.0	2019	2025
204	Basic Hydrographic Course	National Institute of Hydrography	India	B	Hydrography	-	S-5B	1.0.1	2020	2026
205	Nautical Cartography Programme	Korea Hydrographic and Oceanographic Agency (KHOA)	Korea	B	Cartography	-	S-8B	1.0.0	2020	2026
206	Hydrographic Course (HM100/203)	Maritime Warfare School - Hydrography and Meteorology Training Unit (HMTU)	UK	B	Hydrography	-	S-5B	1.0.1	2020	2026
207	Long Hydrography Course	National Institute of Hydrography	India	A	Hydrography	-	S-5A	1.0.2	2020	2026
208	Postgraduate Programme Hydrography B	Antwerp Maritime Academy-Institute for Hydrography	Belgium	B	Hydrography	-	S-5B	1.0.1	2020	2026
209	Specialization Course in Hydrography and Oceanography for Naval Petty Officers	Spanish Hydrographic Institute	Spain	B	Hydrography	-	S-5B	1.0.1	2020	2026
210	Marine Geospatial Information Programme (Portable Delivery)	IIC Technologies Academy	India	B	Cartography	-	S-8B	1.0.0	2020	2026
211	Hydrographic Surveyor Education Program	Indonesia Navy Hydrographic and Oceanographic School - PUSDIKHIDROS	Indonesia	B	Hydrography	-	S-5B	1.0.1	2020	2026
212	Hydrography for Charting and Disaster Management	Japan International Co-operation Agency (JICA) and Japan Coast Guard Hydrographic and Oceanographic Department (JHOD)	Japan	B	Hydrography	-	S-5B	1.0.1	2020	2026
213	Hydrographic Education / Hydrographic Surveyor Profession Education Program	Geodesy and Geomatics Engineering Study Program - Institut Teknologi Bandung (ITB)	Indonesia	A	Hydrography	-	S-5A	1.0.2	2020	2026

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Certif.	Name of Programme	Name of Institution	Country	Cat	Hydro/Carto Scheme	Options	Standards	Edition	From	To
214	Basic Hydrographic Course "Category B" Programme	Bangladesh Navy Hydrographic School	Bangladesh	B	Hydrography	-	S-5B	1.0.1	2020	2026
215	Hydrographic Training Course	Faculty of Maritime Studies, King Abdulaziz University	Saudi Arabia	B	Hydrography	-	S-5B	1.0.1	2021	2027
216	Hydrographic Surveyors Course	Istituto Idrografico della Marina	Italy	B	Hydrography	-	S-5B	1.0.1	2021	2027
217	Specialization Course in Hydrography for Navy Officers	Scholl of sea Sciences, Argentine Navy College, Defense University	Argentina	B	Hydrography	-	S-5B	1.0.1	2021	2027
218	Hydrographic Surveying II Programme (UTM HYDRO II)	Universiti Teknologi Malaysia	Malaysia	A	Hydrography	-	S-5A	1.0.2	2021	2027
219	Post Graduated Degree in Marine Geomatics for Hydrography	Istituto Idrografico della Marina	Italy	A	Hydrography	-	S-5A	1.0.2	2021	2027
220	Geodesy and Geomatics Engineering – Hydrographic Surveying Option	University of New Brunswick	Canada	A	Hydrography	-	S-5A	1.0.2	2021	2027
221	UKHO Geospatial Marine Analysis and Cartography (GeoMAC)	United Kingdom Hydrographic Office	UK	B	Cartography	-	S-8B	1.0.0	2021	2027
222	Course in Hydrographic Surveying	Centre Interdisciplinaire de Développement en Cartographie des Océans - CIDCO	Canada	B	Hydrography	-	S-5B	1.0.1	2021	2027
223	Engineering Degree in Hydrography	ENSTA Bretagne	France	A	Hydrography	-	S-5A	1.0.2	2022	2028
224	Course in Hydrography and Navigation for Petty Officers	Brazilian Navy / DHN	Brazil	B	Hydrography	-	S-5B	1.0.1	2022	2028
225	Hydrographic Professional Accreditation Scheme (HPAS)	International Federation of Hydrographic Societies (IFHS)			Scheme	-	Guidelines	2.1.2	2022	2028
226	System for Certifying and Recognizing the Competency of Individuals as Hydrographic Surveyors in Canada	Association of Canada Lands Surveyors - ACLS	Canada		Scheme	-	Guidelines	2.1.2	2022	2028
227	Ocean Technology Hydrography	Maritime Institute Willem Barentsz (MIWB)	Netherlands	A	Cartography	-	S-5A	1.0.2	2022	2028

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228	NSPS-THSOA U.S. Hydrographer Certification Scheme	National Society of Professional Surveyors and The Hydrographic Society of America	USA		Scheme	-	Guidelines	2.1.2	2022	2028