

12th Meeting of the Hydrographic Services and Standards (HSSC-12)  
 Online, Monaco  
 19-10-2020 ~ 22-10-2020

## IHO Member State

Country	Organization	Participant	E-mail
Argentina	SERVICIO DE HIDROGRAFIA NAVAL	Fabian Alejandro Vetere(Head)	subjefeshn@hidro.gov.ar
Australia	AUSTRALIAN HYDROGRAPHIC OFFICE	Alvaro SANCHEZ(Head)	Alvaro.sanchez@Defence.gov.au
Australia	AUSTRALIAN HYDROGRAPHIC SERVICE	Robert CARIO	robert.cario@defence.gov.au
Brazil	DIRECTORATE OF HYDROGRAPHY AND NAVIGATION	Cesar Reinert Bulhões de Morais(Head)	reinert@marinha.mil.br
Brazil	DIRECTORATE OF HYDROGRAPHY AND NAVIGATION	Izabel Jeck	izabel@marinha.mil.br
Brazil	DIRECTORATE OF HYDROGRAPHY AND NAVIGATION	Rodrigo OBINO	obino@marinha.mil.br
Brazil	DIRECTORATE OF HYDROGRAPHY AND NAVIGATION	Nickolas DE ANDRADE ROSCHER	nickolas.roscher@marinha.mil.br
Canada	CANADIAN HYDROGRAPHIC SERVICE	Louis MALTAIS(Head)	louis.maltais@dfo-mpo.gc.ca
Canada	CANADIAN HYDROGRAPHIC SERVICE	Laura COLOMBE	laura.colombe@dfo-mpo.gc.ca
Canada	CANADIAN HYDROGRAPHIC SERVICE	Douglas BRUNT	douglas.brunt@dfo-mpo.gc.ca
Canada	Other	Eivind MONG	eivind.mong@dfo-mpo.gc.ca
Chile	SERVICIO HIDROGRAFICO Y OCEANOGRAFICO DE LA ARMADA	PATRICIO CARRASCO(Head)	director@shoa.cl
Chile	SERVICIO HIDROGRAFICO Y OCEANOGRAFICO DE LA ARMADA	Hugo GORZIGLIA	hgorziglia.hydro@gmail.com
Chile	SERVICIO HIDROGRAFICO Y OCEANOGRAFICO DE LA ARMADA	Matias SIFON	msifona@gmail.com
China	MARITIME SAFETY ADMINISTRATION (MSA)	Bing SUN(Head)	sunbing@msa.gov.cn
China	MARITIME SAFETY ADMINISTRATION (MSA)	Yuxiao WU	wuyuxiao@msa.gov.cn
China	MARITIME SAFETY ADMINISTRATION (MSA)	Shujuan JIA	LYMKGUO@163.COM
China	MARITIME SAFETY ADMINISTRATION (MSA)	Yuxiao Lyu	38893531@qq.com
China	MARITIME SAFETY ADMINISTRATION (MSA)	Yulei Dong	yulei0539@126.com
China	MARITIME SAFETY ADMINISTRATION (MSA)	Tingying Bai	tjby@sina.com
China	MARITIME SAFETY ADMINISTRATION (MSA)	Lingzhi WU	3511431@qq.com

China	MARITIME SAFETY ADMINISTRATION	Jin WU	13825086995@139.com
Denmark	DANISH GEODATA AGENCY - GEODATASTYRELSEN (GST)	Jens Peter Weiss HARTMANN	jepha@gst.dk
Estonia	ESTONIAN MARITIME ADMINISTRATION (EMA) (Aids to Navigation and Hydrography Division)	Olavi Heinlo(Head)	olavi.heinlo@vta.ee
Finland	Other	Mikko HOVI(Head)	mikko.hovi@traficom.fi
France	SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE	Laurent KERLEGUER(Head)	laurent.kerleguer@shom.fr
France	SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE	Nathalie LEIDINGER(Head)	nathalie.leidinger@shom.fr
France	SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE	Christophe VRIGNAUD	christophe.vrignaud@shom.fr
France	SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE	Gwenaële JAN	gjan@shom
France	SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE	Pierre-Yves Dupuy	pierre-yves.dupuy@shom.fr
Georgia	State Hydrographic Service of Georgia	Giorgi KARTVELISHVILI	g.kartvelishvili@hydrography.ge
Germany	BUNDESAMT FÜR SEESCHIFFFAHRT UND HYDROGRAPHIE	Jens SCHRÖDER- FÜRSTENBERG(Head)	jens.schroeder-fuerstenberg@bsh.de
Germany	BUNDESAMT FÜR SEESCHIFFFAHRT UND HYDROGRAPHIE	Thomas DEHLING(Head)	thomas.dehling@bsh.de
India	NATIONAL HYDROGRAPHIC OFFICE	Adhir Arora(Head)	ia-inho@navy.gov.in
Indonesia	HYDROGRAPHY AND OCEANOGRAPHY CENTRE INDONESIA NAVY (Pushidrosal)	Yanuar Handwiono(Head)	infohid@pushidrosal.id
Indonesia	HYDROGRAPHY AND OCEANOGRAPHY CENTRE INDONESIA NAVY (Pushidrosal)	Oke Dwiwana PRIBADI	oke.dwiwana@pushidrosal.id
Indonesia	HYDROGRAPHY AND OCEANOGRAPHY CENTRE INDONESIA NAVY (Pushidrosal)	Mohammad Qisthi Amarona	qisthi.amarona@gmail.com
Iran (Islamic Republic of)	PORTS AND MARITIME ORGANIZATION (PMO)	Saeid PARIZI	sparizi@pmo.ir
Italy	ISTITUTO IDROGRAFICO DELLA MARINA	Erik BISCOTTI(Head)	erikd.biscotti@marina.difesa.it
Italy	ISTITUTO IDROGRAFICO DELLA MARINA	Marta PRATELLESI	marta.pratellesi@marina.difesa.it
Japan	HYDROGRAPHIC AND OCEANOGRAPHIC DEPARTMENT	kentaro KANEDA(Head)	ico@jodc.go.jp
Japan	HYDROGRAPHIC AND OCEANOGRAPHIC DEPARTMENT	shuji MURAKAMI	ico@jodc.go.jp
Latvia	MARITIME ADMINISTRATION OF LATVIA	Normunds Duksis(Head)	normunds.duksis@lhd.lv
Mozambique	INSTITUTO NACIONAL DE HIDROGRAFIA E NAVEGA??O	Sinibaldo De Jesus Varela Canhanga	scanhanga@yahoo.com.br
Netherlands	Hydrographic Service - Royal Netherlands Navy	Jan SCHAAP(Head)	j.schaap2@mindef.nl

Netherlands	Hydrographic Service - Royal Netherlands Navy	Rogier BROEKMAN	r.broekman.01@mindef.nl
New Zealand	Other	Mikus RANKA	mikus.ranka@gmail.com
Nigeria	NIGERIAN NAVY HYDROGRAPHIC OFFICE	Chukwuemeka OKAFOR(Head)	emyokafor@yahoo.com
Nigeria	NIGERIAN NAVY HYDROGRAPHIC OFFICE	Abdulmajeed Balogun	info@nnho.ng
Norway	NORWEGIAN HYDROGRAPHIC SERVICE	Gudmund JØNSSON(Head)	gudmund.jonsson@kartverket.no
Peru	DIRECCION DE HIDROGRAFIA Y NAVEGACION	Rommel Carrillo Espinoza	rcarrillo@dhn.mil.pe
Poland	HYDROGRAPHIC OFFICE OF THE POLISH NAVY	Adam KLOSINSKI	a.klosinski@ron.mil.pl
Portugal	INSTITUTO HIDROGRAFICO	Carlos Ventura-Soares(Head)	ventura.soares@hidrografico.pt
Portugal	INSTITUTO HIDROGRAFICO	João VICENTE(Head)	dt.hi.chf@hidrografico
Portugal	INSTITUTO HIDROGRAFICO	Paula SANCHES	paula.sanches@hidrografico.pt
Republic of Korea	KOREA HYDROGRAPHIC AND OCEANOGRAPHIC AGENCY (KHOA)	Sewoong Oh	osw@kriso.re.kr
Republic of Korea	KOREA HYDROGRAPHIC AND OCEANOGRAPHIC AGENCY (KHOA)	Aeri YU	aeriyu@korea.kr
Republic of Korea	KOREA HYDROGRAPHIC AND OCEANOGRAPHIC AGENCY (KHOA)	Iji KIM	izzykim@korea.kr
Singapore	Maritime and Port Authority of Singapore	Parry OEI(Head)	hydrographic@mpa.gov.sg
Singapore	Maritime and Port Authority of Singapore	Wee Kiat Lim	lim_wee_kiat@mpa.gov.sg
Singapore	Maritime and Port Authority of Singapore	Pearlyn PANG	pearlyn_PANG@mpa.gov.sg
Singapore	Maritime and Port Authority of Singapore	Dillian Teo	dillian_teo@mpa.gov.sg
Singapore	Maritime and Port Authority of Singapore	Weng Choy LEE	lee_weng_choy@mpa.gov.sg
South Africa	HYDROGRAPHIC OFFICE	Theo STOKES(Head)	theo.stokes@sanavy.co.za
South Africa	HYDROGRAPHIC OFFICE	Alfons Van Craeynest	hydrosan@iafrica.com
South Africa	HYDROGRAPHIC OFFICE	Ruth FARRE	ruth.farre@sanavy.co.za
South Africa	HYDROGRAPHIC OFFICE	Christoff Theunissen	hydrosan@iafrica.com
South Africa	HYDROGRAPHIC OFFICE	Greshwin Herwels	hydrosan@iafrica.com
South Africa	HYDROGRAPHIC OFFICE	Fhatuwani joyce NENGWENANI	Fhatuwani.magonono@gmail.com
Sweden	Swedish Maritime Administration	Hans ENGBERG(Head)	hans.engberg@sjofartsverket.se
Sweden	Swedish Maritime Administration	Magnus WALLHAGEN(Head)	magnus.wallhagen@sjofartsverket.se
Turkey	SEYIR HIDROGRAFI VE OSINOGRAFI DAIRESI BASKANLIGI	Gülher Emre	egulher@shodb.gov.tr
United Kingdom of Great Britain and Northern Ireland	UNITED KINGDOM HYDROGRAPHIC OFFICE	Clare LAIN(Head)	clare.lain@ukho.gov.uk
United Kingdom of Great Britain and Northern Ireland	UNITED KINGDOM HYDROGRAPHIC OFFICE	Helena PATTON	helena.patton@ukho.gov.uk
United Kingdom of Great	UNITED KINGDOM HYDROGRAPHIC	Dearbhla CAMPBELL	Dearbhla.Campbell@UKHO.gov.uk

Britain and Northern Ireland	OFFICE		
United Kingdom of Great Britain and Northern Ireland	UNITED KINGDOM HYDROGRAPHIC OFFICE	Thomas MELLOR	thomas.mellor@ukho.gov.uk
United Kingdom of Great Britain and Northern Ireland	Other	Rakesh PANDIT	Rakesh.Pandit@mcga.gov.uk
United Kingdom of Great Britain and Northern Ireland	UNITED KINGDOM HYDROGRAPHIC OFFICE	Rhett Hatcher	rhett.hatcher@ukho.gov.uk
United States of America	NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY DEPARTMENT OF DEFENSE (NGA)	John LOWELL	john.e.lowell@nga.mil
United States of America	NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY DEPARTMENT OF DEFENSE (NGA)	Al ARMSTRONG	Albert.E.Armstrong@nga.mil
United States of America	COMMANDER NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND (CNMOC)	David BRAZIER	david.brazier@navy.mil
United States of America	Office of Coast Survey / National Ocean Service (OCS/NOS)	John NYBERG	john.nyberg@noaa.gov
United States of America	Office of Coast Survey / National Ocean Service (OCS/NOS)	Colby HARMON	colby.harmon@noaa.gov
United States of America	Office of Coast Survey / National Ocean Service (OCS/NOS)	Julia POWELL	Julia.Powell@noaa.gov
Viet Nam	VIETNAM MARITIME SAFETY South and North	Hai Nguyen	Nguyenhai111080@Gmail.com

NGIO

Country	Organization	Participant	E-mail
	International Electrotechnical Commission	Hannu PEIPONEN(Head)	hannu.peiponen@furuno.fi
	Comit? International Radio-Maritime	Richard Doherty(Head)	rd@cirm.org
	Open Geospatial Consortium	Scott Simmons(Head)	ssimmons@ogc.org
	INTERTANKO	Vishal KUMAR	vishal.kumar@intertanko.com
	Comit? International Radio-Maritime	Michael BERGMANN	michael.bergmann@bergmann-marine.com
Other Observers			
Country	Organization	Participant	E-mail
		Ben VAN	
		SCHERPENZEEL(Head)	BRJ.Scherpenzeel@portofrotterdam.com
	University of New Hampshire	Briana SULLIVAN	briana@ccom.unh.edu

## Industry

**Country****Organization****Participant****E-mail**

Other

Rafael PONCE

rponce@esri.com

Other

Hugh ASTLE

hugh.astle@teledyne.com

## IHO Secretariat

**Country****Organization****Participant****E-mail**

Member of Staff

Yves GUILLAM

yves.guillam@iho.int

Member of Staff

Abri KAMPFER

abri.kampfer@iho.int

Member of Staff

Jeff WOOTTON

tso@iho.int

Member of Staff

Yong BAEK

yong.baek@iho.int

## Others

**Country****Organization****Participant****E-mail**

SevenCs

Friedhelm Moggert-Kaegeler

mo@sevencs.com

IC-ENC

Tom RICHARDSON

thomas.richardson@ic-enc.org

PRIMAR

Svein SKJAEVELAND

svein.skjaeveland@ecc.no

IC-ENC

Susan MARKS

su.marks@ic-enc.org

Other

Stelios Contarinis

contarinis@central.ntua.gr