

TWCWG WORK PLAN 2015-16

Objective

- a) To provide technical advice and coordination on matters related to tides, water levels, currents and vertical datum.
- b) To support the development and maintenance of related specifications in liaison with the relevant IHO bodies and non-IHO entities;
- c) To develop and maintain the IHO publications for which it is responsible.

Tasks

A	Maintain the list of standard tidal constituents (IHO Task 2.7.2.3)
B	Develop and maintain a standard for digital tide tables (IHO Task 2.7.3)
C	Prepare and maintain an inventory of tide gauges used by Member States and publish it on the IHO/TWLWG web site (IHO Task 2.7.2.4)
D	Compare the tidal predictions generated as a result of analysis of a common data set using different analysis software
E	Review feedback of on-line real time water level observation document
F	Develop and maintain a standard for the transmission of real-time tidal data (IHO Task 2.7.4)
G	Develop and maintain a product specification for the transmission of real-time surface current data (S-111 - IHO Task 2.13.3)
H	Develop and maintain a product specification for dynamic application of navigationally significant surface currents in ECDIS (IHO Task 2.13.4)
I	Develop and maintain a product specification for dynamic application of tides in ECDIS (IHO Task 2.7.5)
J	Liaise with industry experts on the development of product specifications for tides and currents (IHO Tasks 2.7.2 and 2.13.2)
K	Liaise with S-100WG on tidal and current matters relevant to ECDIS and GIS applications (IHO Tasks 2.7.4, 2.7.5, 2.13.3 and 2.13.4)
L	Maintain IHO Resolutions in M-3 relating to tides, water levels and currents as required (IHO Tasks 2.7.2.1 and 2.13.2.1)
M	Conduct the 2015 and 2016 meetings of TWCWG and its sub-group(s) and project team(s) (IHO Tasks 2.7.1 and 2.13.1)
N	Develop and maintain material for course on Tides

Work item	Title	Priority H-high M-medium L-low	Next milestone	Start Date	End Date	Status P-planned O-ongoing C-completed S-Superseded	Contact Person(s)	Related Pubs / Standard	Remarks
A.1	Maintain the list of standard tidal constituents	M		-	Permanent	O	Chris Jones*		
A.2	Compare the tidal predictions generated as a result of analysis of a common data set using different analysis software.	H				O	Stephen Gill* All		Select Common data set Analyze using different software Predict common set of tides Compare results
C.1	Maintain an inventory of tide gauges used by Member States and publish it on the IHO/TWCWG web site.	H		-	Permanent	O	David Wyatt* All		Initial inventory from TWCWG members available on IHO web site.
F.1	Develop and maintain a standard for the transmission of real-time tidal data	H				O	Chris Jones* All		Liaise with S-100WG (see K.1)
G.1	Develop and maintain a product specification for the transmission of real-time surface current data (S-111)	H							Liaise with S-100WG (see K.1)
H.1	Develop and maintain a product specification for dynamic application of navigationally significant surface currents in ECDIS	H							Liaise with S-100WG (see K.1)

Work item	Title	Priority H-high M-medium L-low	Next milestone	Start Date	End Date	Status P-planned O-ongoing C-completed S-Superseded	Contact Person(s)	Related Pubs / Standard	Remarks
I.1	Develop and maintain a product specification for dynamic application of tides in ECDIS	H	Prepare draft Product Specifications (S-1**) for tidal data in S-100. Prepare draft Portrayal model for tidal data in S-100.			O	Zarina Jayaswal* Glen Rowe Bill Mitchell Kwang-nam Han Stephen Gill* Bill Mitchell Zarina Jayaswal		Liaise with S-100WG (see K.1)
J.1	Liaise with industry experts on the development of product specifications for tides and currents	H				O	All		
K.1	Liaise with S-100WG on tidal and current matters relevant to ECDIS applications	H				O	Gwenaële Jan Kurt Hess		Establish joint project teams as required.
N.1	Develop and maintain material for course on Tides	H	Adapt currently available course material to create a course suitable for delivery in support of CBSC requests	2013	2015	O	Stephen Gill* Bill Mitchell Ruth Farre		

Meetings (Task L)

Date	Location	Activity
25-28 Mar 2014	Wollongong, Australia	TWLWG-6

3-5 Jun 2014	Quebec City, Canada	SCWG-2
Late April/early May 2015	Silver Spring, Maryland, USA	TWLWG-7
2015 (TBD)	TBD	TWCWG-1
2016 (TBD)	TBD	TWCWG-2

Chair: TBD

Vice Chair: TBD

Secretary: TBD

Email:

Email:

Email: