



# Marine Cartography Working Group

Chair: Ron Furness, Vice Chair: Lysandros Tsoulos, Secretary: Shachak Peeri

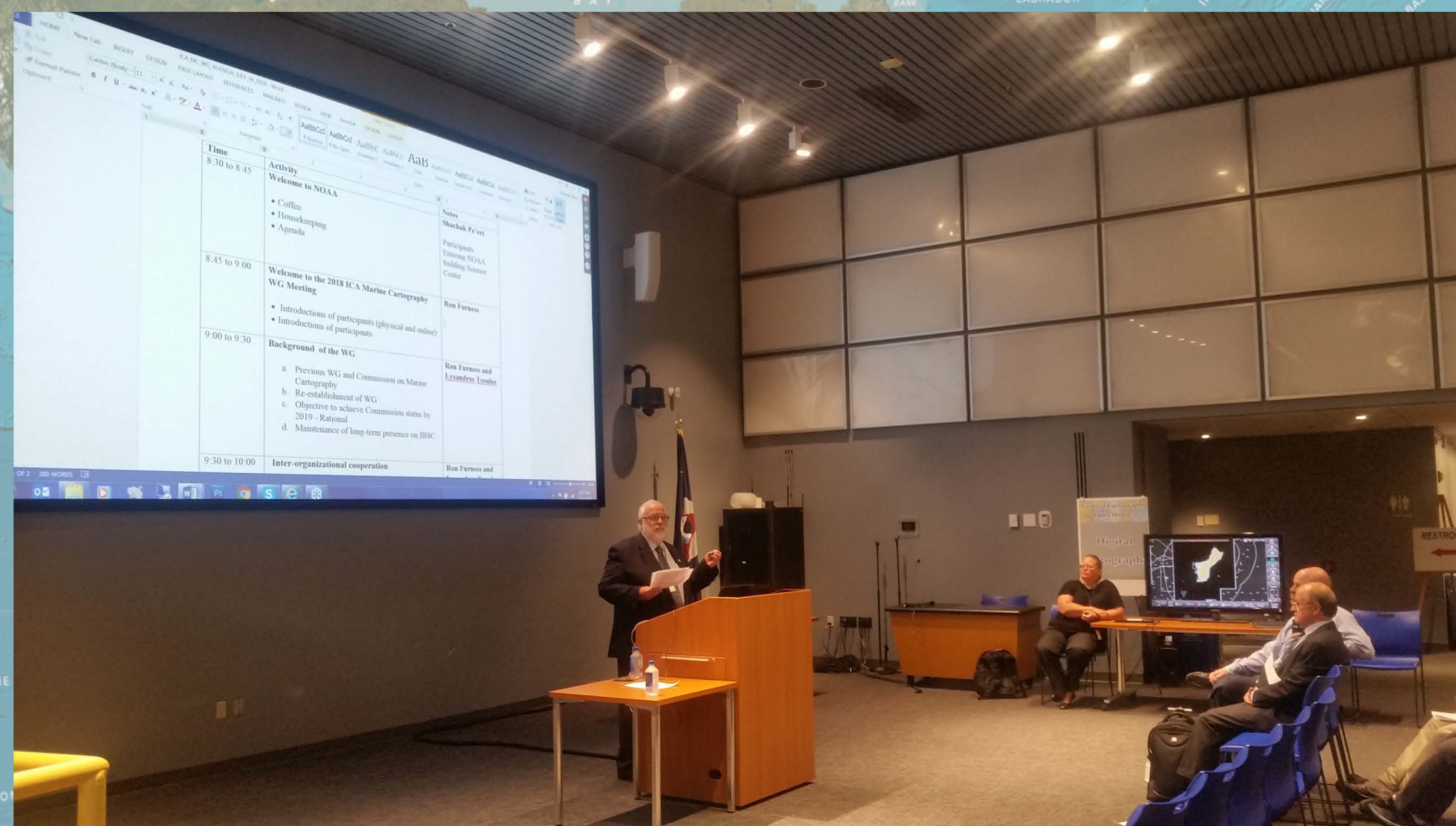
## ACTIVITIES REPORT

### GENERAL

- ❖ Establish a cohort of interested members on the WG on Marine Cartography, working to consolidate the WG with the longer term aim of re-establishing an ICA Marine Cartography Commission by the time of ICA General Assembly 2019. (done)
- ❖ Maintain a positive ICA “voice” as the expert voice of cartography within the maritime industry. (ongoing)
- ❖ Provide a focus group within ICA for harnessing authoritative cartographic advice pertaining to the maritime world, such as, but not exclusively, in the areas of navigation, ocean management and the depiction of ocean systems. (ongoing)
- ❖ Foster quality mapping and cartographic modelling, including state-of-the-art visualization technologies, geospatial processing and publishing tools, for nautical charts and ECDIS systems. (ongoing)
- ❖ Cooperate at the scientific level with the IHO for the development of Marine Spatial Data Infrastructures, standards and bathymetric data quality. (ongoing)
- ❖ Articulate cartographic issues arising in the marine cartography industry sector and the ICA Commissions, suggesting areas where ICA cartographic expertise and research can be brought to bear on a specific issue or topic. (ongoing)
- ❖ Study the development of cartographic influence with special reference as a primary aid to the management of coastal regions of the world, including critical maritime incidents. (depends on interests of future WG members)
- ❖ Provide appropriate qualified and/or experienced members representing ICA membership on the FIG/IHO/ICA IBSC. (ongoing)
- ❖ Liaise with the CoastGIS Scientific Committee (NB: the previous ICA Commission on Marine Cartography was a founding partner in the CoastGIS series of symposia). (ongoing)
- ❖ Liaise with the IGU Commission on Coastal Systems. (ongoing)

### BUSINESS MEETINGS

- ❖ Washington DC, July 2017
- ❖ Washington DC, July 2018
- ❖ Tokyo, Japan, July 2019



## ACTIVITIES WITHIN THE FIG/IHO/ICA INTERNATIONAL BOARD ON STANDARDS OF COMPETENCE FOR HYDROGRAPHIC SURVEYORS AND NAUTICAL CARTOGRAPHERS

- ❖ The Chair and Vice-Chair have both represented ICA as full members of the FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC) since 2002 and have thus attended eighteen annual meetings and at least five workshops during which the International Standards of Competence for Nautical Cartographers were drafted.
- ❖ The second and current edition (known as S-8 and available for download with Guidelines from [http://www.iho.int/iho\\_pubs/IHO\\_Download.htm](http://www.iho.int/iho_pubs/IHO_Download.htm)) was introduced in 2017. The Chair and Vice-chair were instrumental in drafting the Standards finally approved.
- ❖ The IBSC maintains the internationally recognised standards of competence for hydrographic surveyors and nautical cartographers as well as assesses submissions of educational programs for recognition as meeting the standards.

## TOPICS FOR ICC INTEREST GROUPS

- ❖ Remote sensing interest group - Satellite Derived Bathymetry (SDB) and ALB (12)
- ❖ Chart Quality and Risk Assessment interest group (5 members)
- ❖ Marine Spatial data Infrastructure (MSDI) interest group (6 members)
- ❖ Symbology for maritime products interest group (4 members)
- ❖ Boundaries / maritime zone delimitations interest group (7 members)
- ❖ Future of the nautical charts interest group (5 members)

