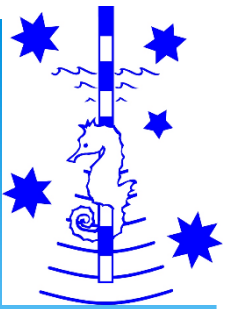


Australasian Hydrographic Society

Promoting the science of hydrography and marine exploration



AHS Activity in SWP

Presented By:

John Maschke

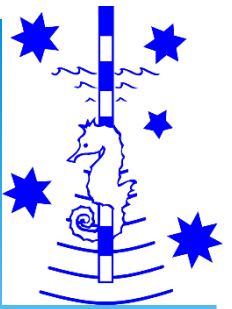
CAPT, RAN

FSSSI, FIML, CPHS1

AHS Director & Chair, SW Pacific Region

12-14 February 2020

Outline

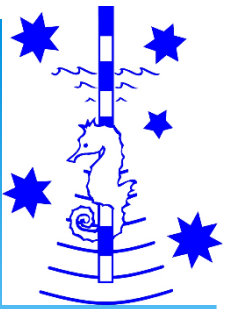


- Introduction
- The AHS
- AHS Activities and support
- Questions

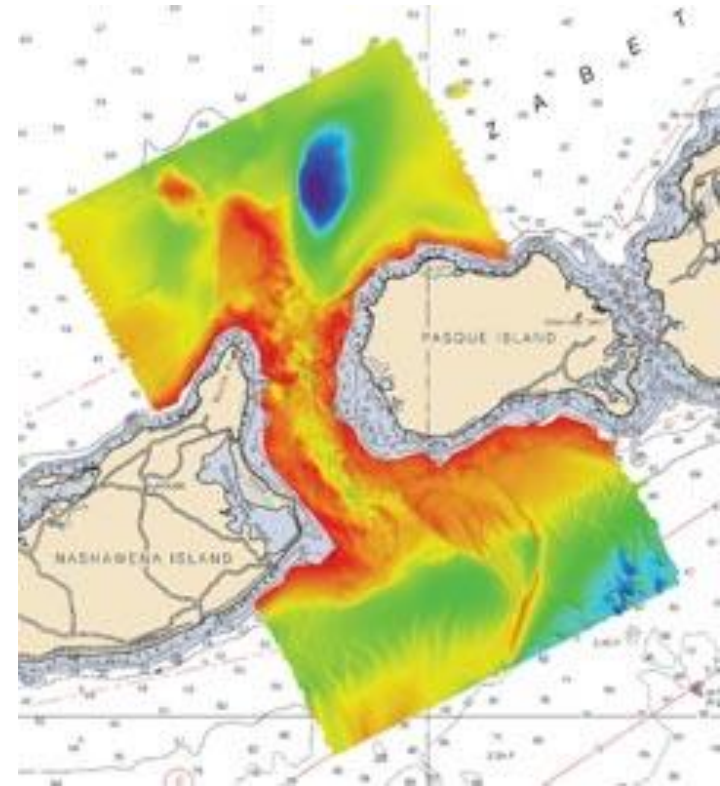


Australasian Hydrographic Society

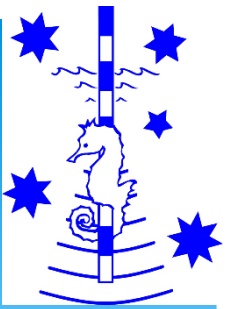
Promoting the science of hydrography and marine exploration



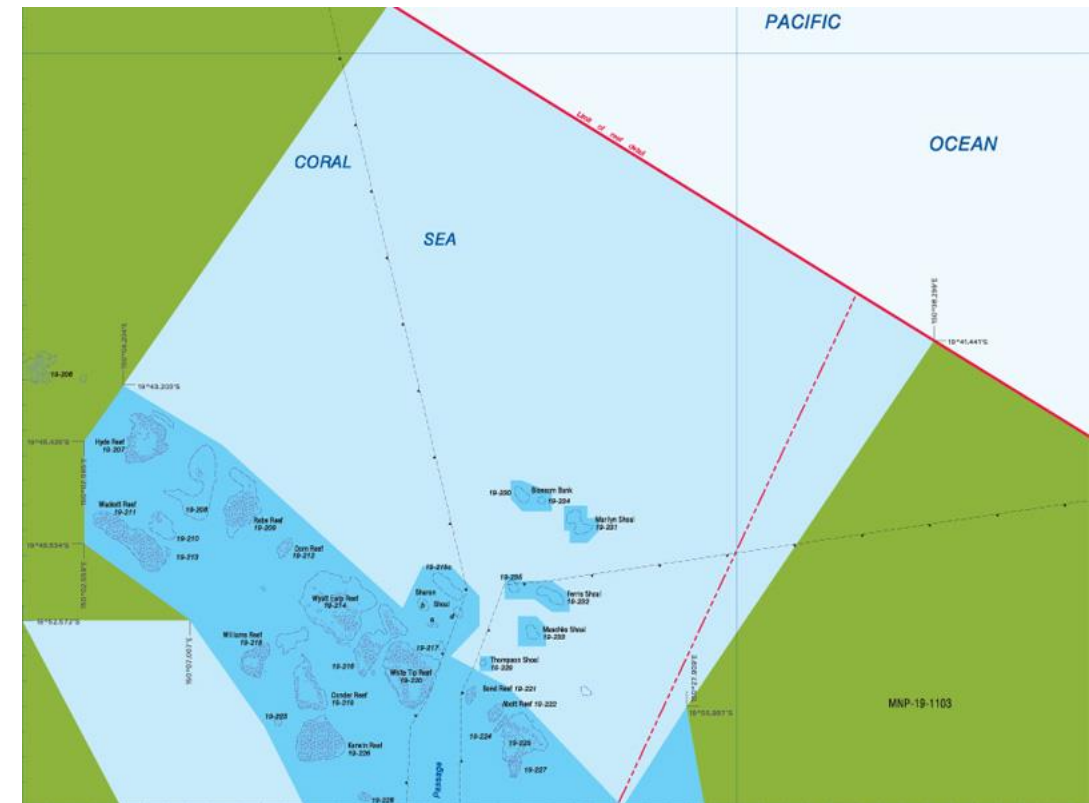
- * **History**
- * **Structure**
- * **Values & Objectives**
- * **AHS Annual Awards**
- * **Support to other organisations**
- * **Membership**



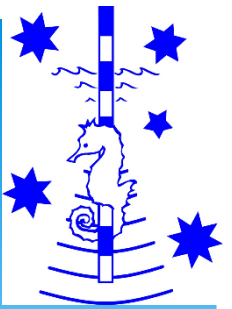
AHS Focus



- * Hydrography and its fundamental benefits.
- * Apart from the economic benefits, hydrography is also part of many related maritime disciplines, including:
 - * Nautical Charting – Surveying at Sea
 - * Coastal Zone Management
 - * Offshore Resource Surveys and Management
 - * Port Development and Maritime Engineering
 - * Law of the Sea
 - * Marine Cartography
 - * Environmental Studies
 - * Marine Geology and Geophysics
 - * Maritime history



Importance of hydrography

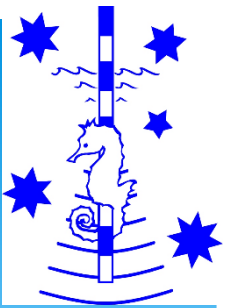


In addition to supporting safe and efficient navigation of ships, hydrography underpins almost every other activity associated with the sea, including:

- * Resource exploitation - fishing, minerals, renewable energy generation, etc..
- * Environmental protection and management
- * Maritime boundary delimitation
- * National marine spatial data infrastructures
- * Recreational boating
- * Maritime defence and security, including energy and food security
- * Tsunami flood and inundation modelling
- * Coastal zone management
- * Tourism
- * Maritime transport infrastructure
- * Marine science



AHS History



- * **The Australasian Hydrographic Society (AHS):**
 - * established in 1972 as a ‘learned’ society to ‘Promote the science of hydrography and marine exploration’
 - * advocacy group supporting hydrographic surveyors and hydrography.
 - * Founding member of the 'The International Federation of Hydrographic Societies' (IFHS) (since 2001) (Australasia, UK, Benelux, Denmark, France, Germany, Italy, Korea, South Africa)
 - * Registered as a NFP (Australian Public Company, Limited By Guarantee, ACN 101 591 502) on 5 August 2002.
 - * The AHS maintains its activities around the Australasian and SW Pacific region. The South West Pacific (SWP) Region supports members residing East Timor, Fiji, Kiribati, Nauru, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu. Other small islands states are also welcome to join the SWP Region.

AHS Structure

- AHS Board – Policy & Governance
- There are four Regions:
 - East Australia Region,
 - West Australia Region,
 - New Zealand Region,
 - South West Pacific Region, and
- Two Divisions:
 - AOTM
 - Education

South West Pacific Region

The South West Pacific Region will support those members residing outside of Australia and New Zealand.



New Zealand Region

As the name suggests, the New Zealand Region serves the interests of those members resident in New Zealand and the NZ islands. They produce and maintain their own web site to keep in touch with their wide spreads membership. In 2003 they hosted the most successful HYDRO 2003 Symposium

Click here to visit their web site at www.hydrographicsociety.org.nz for full details of what is going on in the region.



West Australia Region

The West Australia Region supports those members residing in Western Australia, Northern Territory and South Australia. The main activities of the region are centred on the Perth/Fremantle area with technical meetings being held periodically throughout the year.



East Australia Region

The East Australia Region supports those members residing in all states other than WA, SA, NT and in New Zealand. The main activities of the region are centred on, but not limited to, the Newcastle/Sydney/Wollongong area with technical meetings being held periodically throughout the year.

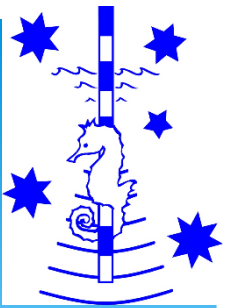


Australia on the Map Division

The AOTM Division services the needs of those new members of the Society who were originally members and supporters of "Australia on the Map: 1606 - 2006" (AOTM). The focus was particularly on the many Mariners who (whether by accident or design) charted our coasts - and put "Australia on the Map", thereby making it known to the world. The primary vision of AOTM continues to be improving the understanding and knowledge of the nation's history for all people of Australia. The AOTM Division continues to maintain its own website at below link:



AHS Values



1. Excellence

AHS will promote excellence in the application, history, dissemination and technological development.

2. Accuracy

AHS will promote the highest standards of accuracy and thoroughness.

3. Freedom of Information

AHS will promote the free exchange of information between all engaged.

4. People

AHS will encourage the broadest inclusion of people and organisations.

5. Technology

AHS will promote the broadest pursuit of technology and innovation.

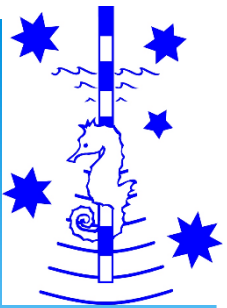
6. Safety

AHS will promote the greatest degree of safety that can be achieved by (and for) the application.

7. Non-Profit

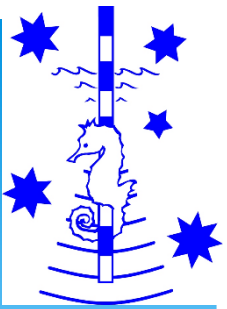
AHS will be a non-profit organisation, with all income and property being applied solely to the objects of the society, as set forth in the constitution.

AHS Objectives



- * To promote the science of surveying in the saltwater and freshwater environment and the adjacent shore**
- * To provide a centre for meeting, networking, exchange of information and discussing new technologies**
- * To promote and co-ordinate the study and practice of hydrography among the members of the society and others**
- * To promote the better education and training of persons engaged or intended to engage in the study of Hydrography and related sciences**

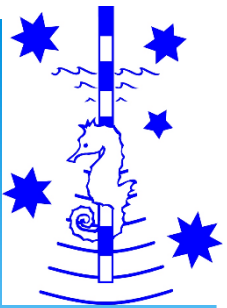
AHS Awards



- * **Achievement Awards** – Awarded annually for excellence and achievement in hydrography and related areas, including maritime safety
- * **Education Award** - Annual AUD\$3500.00 grant awarded to one individual studying or researching in hydrography or related areas
 - Applications for grants under the AHS Education Award accepted only from nationals and persons with official permanent residential status of the following nations: Australia, New Zealand, East Timor, Fiji, Kiribati, Nauru, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu, whether the applicant is studying at home or abroad. Individuals from other SW Pacific island nations may also be considered.

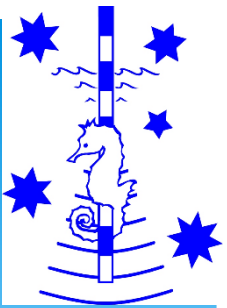


AHS Awards — Education Award cont'd



- * Recognises individuals who are students within an academic organisation, such as a university, technical college or other approved tertiary, secondary or vocational organisation, that are conducting study or research into subjects directly or indirectly related to hydrography, the maritime environment or maritime spatial history.
- * Awardee is required to present their paper at a major AHS event, e.g. WHD, AHS Conference, etc

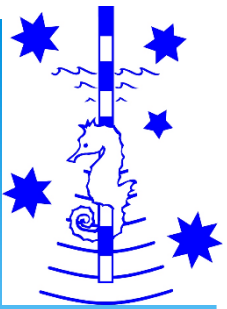
Support to Other Organisations



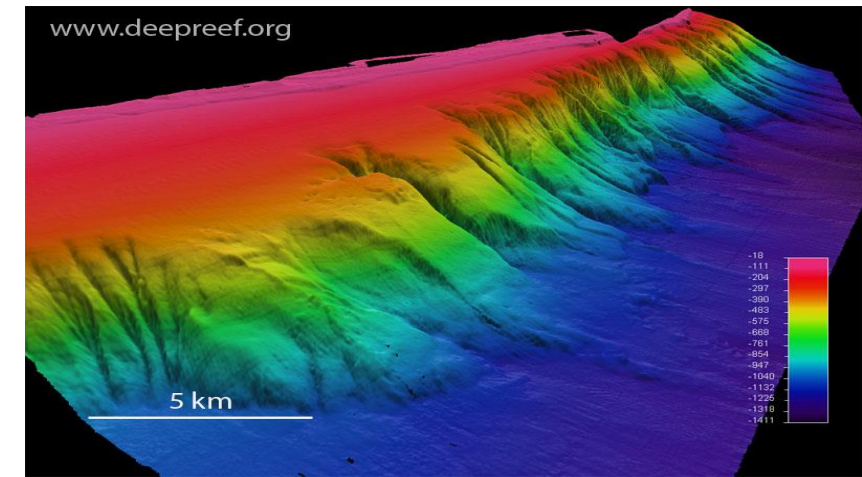
- * **International Federation of Hydrographic Societies (IFHS)**
- * **Surveying and Spatial Sciences Institute (SSSI – HCNC)**
- * **Australasian Hydrographic Surveyors Certification Panel (AHSCP)**
Note: Attendance at AHS events does provide points towards Continuing Professional Development requirements for maintenance of SSSI Level 1 & 2 Certification
- * **Geoscience Australia (GA) – AusSeabed**
- * **International Hydrographic Organization (IHO):**
 - * **Seabed2030 S&W Pacific Region**
 - * **Capacity building – MSI, general hydrography?**



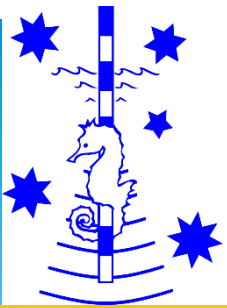
Membership



- * Members, both individual and institutional, represent the fields of hydrography, oceanography, geophysics, civil engineering, law of the sea, and associated disciplines at all levels of expertise, and the general public with an interest in hydrography and related fields.
- * Corporate Membership - Organisations currently represented include contract survey companies, port authorities, government, military and public service authorities, petroleum companies, research and educational institutes, marine environmental science and protection, professional bodies and other learned associations, acoustic and electro-magnetic system manufacturers, dredging and salvage contractors, and surveyors in all sectors of private practice.



Membership – cont'd



Online Application

Select membership level

* Mandatory fields

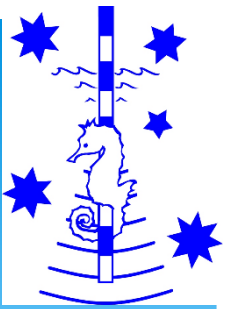
- * Membership level
- ☐ **Corporate - \$500.00 (AUD)**
Subscription period: 1 year, on: July 1st
No recurring payments
Corporate Membership.
 - ☐ **Individual - \$70.00 (AUD)**
Subscription period: 1 year, on: July 1st
No recurring payments
Individual Membership
 - ☐ **Retired - \$30.00 (AUD)**
Subscription period: 1 year, on: July 1st
No recurring payments
Retired
 - ☐ **Student - \$30.00 (AUD)**
Subscription period: 1 year, on: July 1st
No recurring payments

Special
discount for
SWP
\$15 (FJD)

Membership Entitlements

- * Corporate
- * Student
- * SW Pacific
- * Associates
- * Retired

How to Join



Online membership applications:

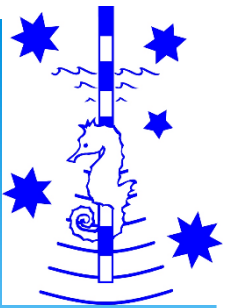
<http://www.ahs.asn.au/Membership>

***Paper application is also available.**



Australasian Hydrographic Society

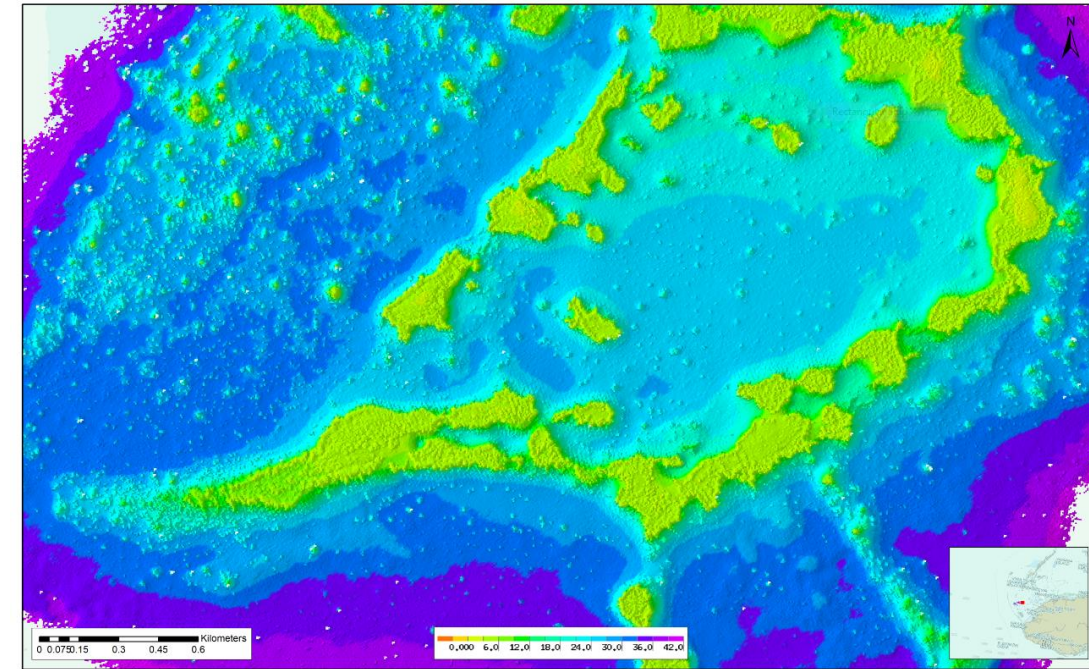
Promoting the science of hydrography and marine exploration



AHS Activities, support and issues

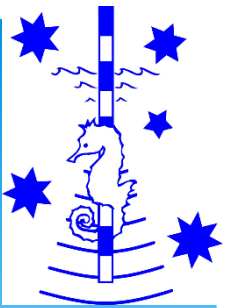
- * Seminars
- * Networking
- * Facilitating
- * Relaying information
- * Issues

SOUTH WEST PACIFIC LiDAR BATHYMETRY SURVEY
FUGRO HYDROGRAPHIC SERVICES SERVICE LINE
AIRBORNE LiDAR CAKAUNIKABAKULA REEF



Australasian Hydrographic Society

Promoting the science of hydrography and marine exploration

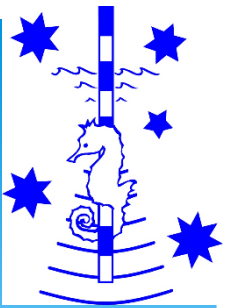


Seminars:

- * Evening seminar held every 6 months in Suva on first Thursday evening of June and December (up to 40 attendees)
- * A full-day seminar (83 attendees) and half-day basic training event (40 attendees) was held on WHD 2019
- * Will organise bigger events if interest is shown, e.g. 2+ day conference
- * Will organise events in other SWP countries if funding is provided (could be through sponsorship or aid donors)
- * AHS happy to use SWP seminars as a platform for IHO or country CB activities

Australasian Hydrographic Society

Promoting the science of hydrography and marine exploration

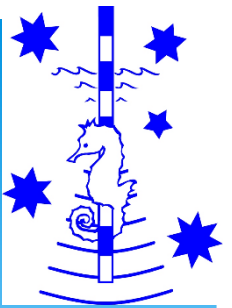


Networking:

- * Excellent opportunities for networking: individuals or groups
- * Attendees include: various government ministries (including A-G, Defence, Tourism, Housing, Ports & Marine, Hydro), environmental science, geospatial science, law, academia (including USP, FNU, Fiji Maritime Academy), regional assistance bodies (including SPC, DFAT, MFAT, Aust Defence), NGOs, commercial maritime companies, interested individuals, etc.

Australasian Hydrographic Society

Promoting the science of hydrography and marine exploration

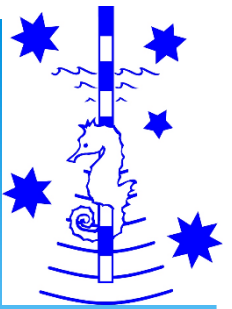


Facilitation through:

- * **Networking**
- * **Business and professional relationships**
- * **Personal contacts over many years**
- * **Direct contact with state, academic, professional or NGO bodies**

Australasian Hydrographic Society

Promoting the science of hydrography and marine exploration

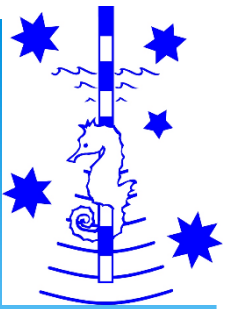


Relaying information through:

- * Presentations
- * Lobbying
- * Networking

Australasian Hydrographic Society

Promoting the science of hydrography and marine exploration

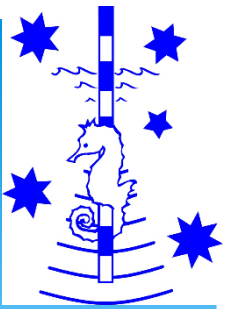


Issues:

- * **Funding:**
 - * **AHS is NFP**
 - * **Individuals or groups expecting events for free**
- * **Reluctance of relevant groups to participate**
- * **Need for more AHS members within the SWP Region**
- * **Lack of understanding of benefits of hydrography**
- * **Political, Cultural and Relationship barriers**

Australasian Hydrographic Society

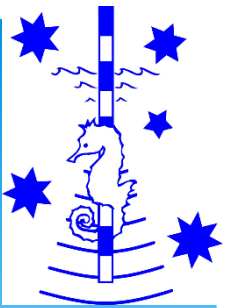
Promoting the science of hydrography and marine exploration



Questions?

Australasian Hydrographic Society

Promoting the science of hydrography and marine exploration



Contact Details:

J.W. MASCHKE

CAPT RAN

FSSSI, FIML, CPHS1

Chair, SWP Region, Australasian Hydrographic Society

Web: www.ahs.asn.au

PO Box 533 Earlville, QLD 4870 Australia

Tel: +61 424 094 546 E-mail: maschkejw@gmail.com or swp@ahs.asn.au