

Australasian Hydrographic Society (AHS)

Promoting the science of hydrography and marine exploration



AHS SW Pacific Region

– Society Overview, Activities & Issues

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Tokatoka Resort Hotel, Nadi, Fiji

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Outline

The Society:

- * Focus
- * History & Structure
- * AHS Annual Awards
- * Membership
- * Activities, Support and Issues

Questions



AHS Focus

- * Promoting hydrography and its fundamental benefits, plus
- * Promoting awareness of the role that hydrography plays in many other related maritime disciplines.



Hydrography and Hydrospatial Sciences
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

AHS Objectives



- * To promote the science of surveying in the saltwater and freshwater environments, the adjacent shore and hinterland and to promote related sciences.
- * To provide a centre for meetings and a channel for correspondence and the exchange of information between technologists and others engaged or interested in hydrography and related sciences.
- * To promote and co-ordinate the study and practice of such sciences in all or any of their aspects; and to accumulate, extend and disseminate amongst the members of the Society and others information, knowledge and expertise relating thereto.
- * To promote the better education and training of persons engaged in or intending to engage in the study of hydrography and related sciences.

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 History

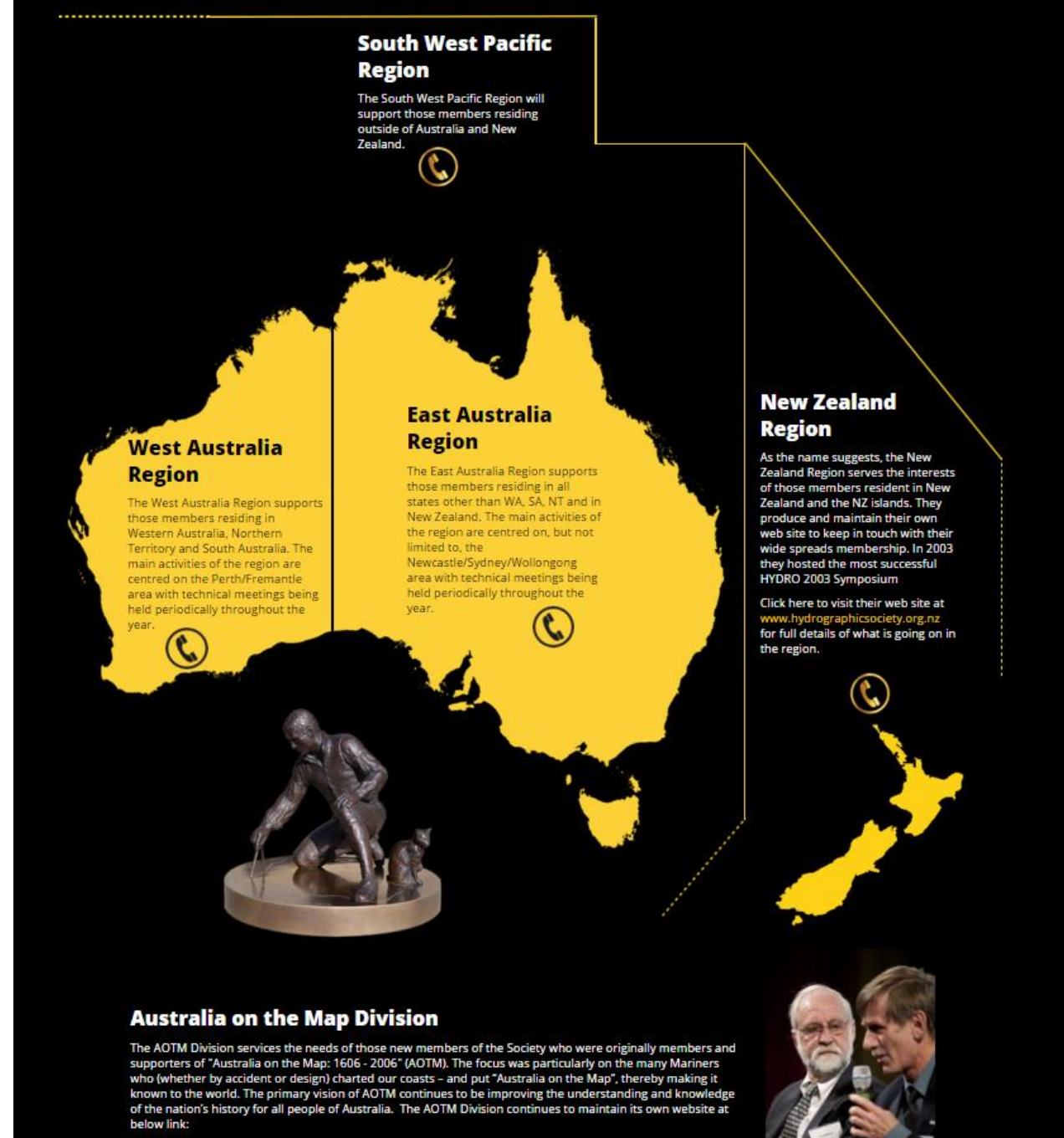


The Society:

- * NFP body established in 1972 as a 'learned' society to 'Promote the science of hydrography and marine exploration' and an advocacy group supporting hydrographic surveyors and hydrography.
- * Became Australian Public Company, Limited By Guarantee, ACN 101 591 502 on 5 August 2002.
- * Founding member of the 'The International Federation of Hydrographic Societies' (IFHS) (since 2001) (Australasia, UK, Benelux, Denmark, France, Germany, Italy, South Korea, South Africa)
- * The AHS maintains its activities around the Australasian and SW Pacific region. The South West Pacific (SWP) Region includes 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
- Four Regions:
 - East Australia Region,
 - West Australia Region,
 - New Zealand Region,
 - SW Pacific Region, and
- Two Divisions:
 - AOTM (Maritime & Hydrographic History)
 - Education



The diagram illustrates the AHS structure, featuring a map of Australia and New Zealand divided into four regions: South West Pacific, East Australia, West Australia, and New Zealand. Each region is accompanied by a telephone icon and a brief description of its membership and activities. Below the map is a bronze statue of a person kneeling and working with a map, representing the AOTM Division. To the right, a photograph shows two men, one speaking into a microphone, representing the Australia on the Map Division.

South West Pacific Region

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

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.

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.

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.

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 Achievement Awards



Awarded annually for excellence and achievement in hydrography and related areas, including maritime safety



Education Award



Recognises:

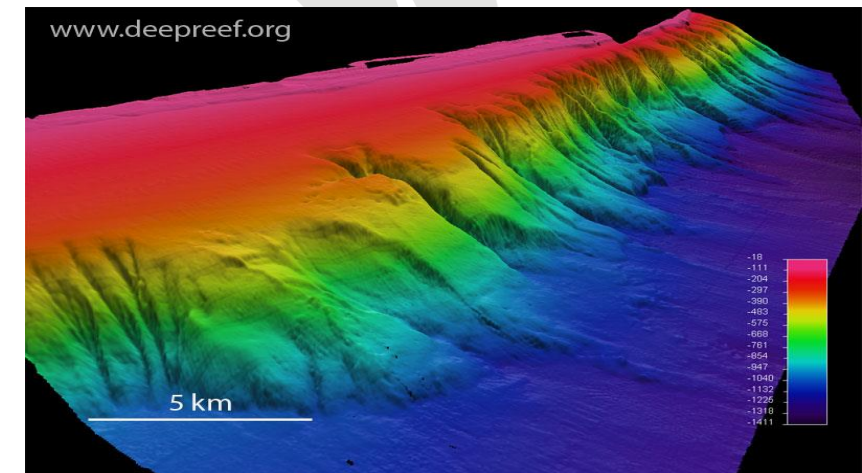
- a. individuals who are students within an academic organisation, such as a university, technical college or other approved tertiary, secondary or vocational organisation, and
- b. are conducting study or research into subjects directly or indirectly related to hydrography, the maritime environment or maritime spatial history.

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.

Membership

- * **Individual and Institutional Members** - 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 – Subscription cost

Corporate - \$400.00 (AUD)

Individual - \$75.00 (AUD)

Retired - \$20.00 (AUD)

Student - \$20.00 (AUD)

South West Pacific Region - \$10.00 (AUD)



- * Subscription period: 1 year, 01 July-30 June
- * No automatically recurring payments

How to Join

Online membership applications*:

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

*Paper application is also available.

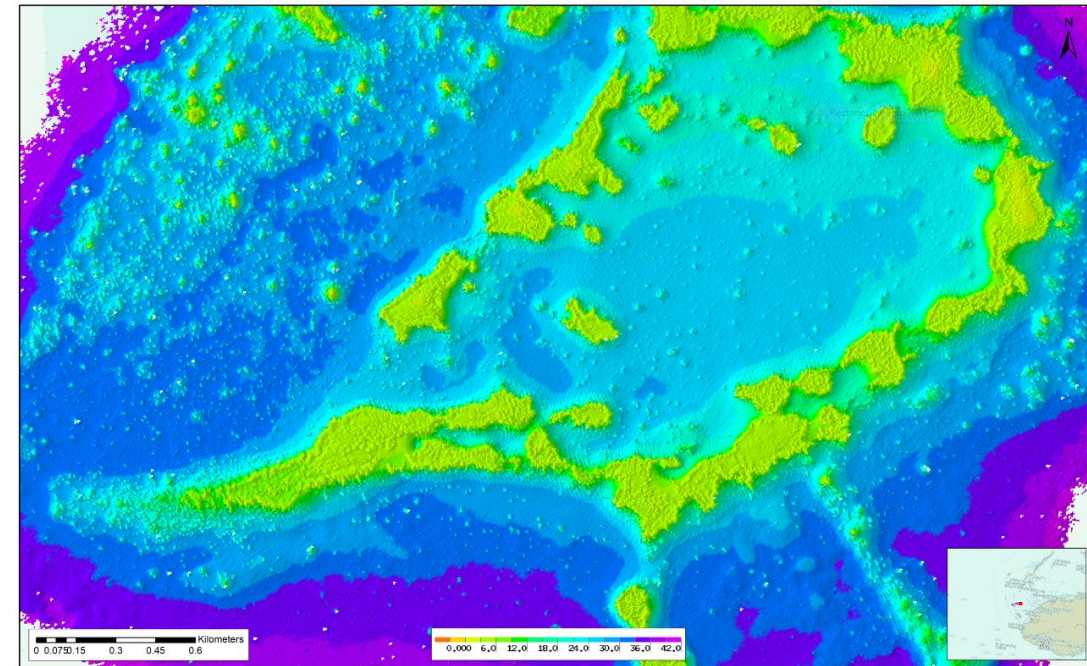


AHS Activities, Support and Issues

- * Conferences & Seminars
- * Networking
- * Facilitation
- * Relaying information
- * Issues



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



Conferences & Seminars



Seminars:

- * SWP Region Seminar 1-2 per year in Suva (evening or multiday, may include workshops) since 2014, with up to 100 attendees, held in June and December
- * Regularly within AHS regions AS & NZ
- * AHS happy to use SWP seminars as a platform for IHO or host government CB activities

Conferences:

- * International Hydrography Conference 3-yearly AS,NZ or SWP

Will organise events in SWP countries if funding is provided (could be through sponsorship, aid donors, IHO CB funding, etc.)

Networking



- * **Excellent opportunities for networking: individuals or groups**
- * **Seminar 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), foreign aid and regional assistance bodies (including SPC, DFAT, MFAT, Aust Defence), NGOs, commercial maritime companies, national tourism organisations, interested individuals, commercial industry representatives, etc.**

Facilitation

Facilitation through:

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



Support to Other Organisations



International Federation of Hydrographic Societies (IFHS)

Geospatial Council of Australia (GCA – HCNC)

Australasian Hydrographic Surveyors Certification Panel (AHSCP)

Geoscience Australia (GA) – AusSeabed

International Hydrographic Organization (IHO)

International Federation of Surveyors, FIG

Seabed2030 S&W Pacific Region

Capacity building – Conferences/Seminars, Workshops, etc



Note:

Attendance at AHS events does provide points towards Continuing Professional Development requirements for maintenance of GCA Level 1 & 2 Certification

Relaying information

Relaying information through:

- * Presentations
- * Lobbying
- * Networking
- * AHS website



Issues

- * **Funding:**
 - * AHS is NFP
 - * Individuals or groups expecting events for free
 - * Funding assistance through IHO CB Fund?
- * **Reluctance of relevant groups to participate**
- * **Need for more AHS members within the SWP Region**
- * **Lack of understanding of benefits of hydrography in general, and particularly from politicians and senior bureaucrats**
- * **Political, Cultural and Relationship barriers**



Questions?



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