Joint IODE/IAMSLIC Group of Experts on Marine Information Management in a transitional capacity

First Session
IOC Project Office for IODE
Oostende, Belgium
19-21 February 2018
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1. OPENING OF THE SESSION

The Acting Chair of the Group, Ms Jennifer Walton, welcomed the participants to the First Session of the Joint IODE/IAMSLIC Group of Experts on Marine Information Management in a transitional capacity.

1.1 INTRODUCTION OF PARTICIPANTS AND ADMINISTRATIVE ARRANGEMENTS

The Technical Secretary, Mr Peter Pissierssens, informed the Group of the available working documents, their location on the IODE website and called attention to the provisional agenda. Ms Sally Taylor would join by Webex on Tuesday; apologies were received from Heike Lust who was ill. The member from China, Wenjing Dong was unable to attend.

1.2 ADOPTION OF THE AGENDA

The Group adopted the agenda.

1.3 ELECTION OF THE CHAIR

The Group welcomed Jennifer Walton’s offer to accept the role as the meeting Chair.

2. REVIEW OF THE TERMS OF REFERENCE OF THE GROUP

Mr Pissierssens recalled that the Terms of Reference for the Group had been approved at IODE-XXIV, so no further discussion was warranted in this regard.

3. RELEVANT LEGACY PRODUCTS AND SERVICES OF GE-MIM

3.1 IOC Ocean Data and Information System (ODIS)

Mr Pissierssens recalled that IOC had requested IODE to consider the creation of an ODIS using existing technology. IODE has an intersessional working group on ODIS which will put forward a paper on various alternative resource mechanism. The IOC Assembly, during its 30th Session, will decide which model to move forward.
3.2 3.2. OceanBestPractices (OBP)

Ms Pauline Simpson provided a presentation on the OceanBestPractices repository, highlighting the name change from OceanDataPractices to OceanBestPractices reflecting the broader remit of the repository to include best practices on 'anything ocean' and discussing the proposed greatly enhanced OBP utilizing a new semantic search interface which will result from the collaboration between AtlantOS and ODIP Projects.

The Group welcomed the updates on these important new information products.

4. PROGRESS OF WORK SINCE IODE-XXIV

4.1 Design the AIU Application Form and Process

The Group worked collaboratively to define a final version of the AIU application form, criteria and procedure to be followed.

The Group requested Peter Pissierssens to circulate the version dated 19 Feb 2017 to the Group to allow absent members a chance for a final review.

See APPENDIX II for the updated version

4.2 Promote amongst the marine information community applications to join IODE as IODE Associate Information Units (AIU)

The Group recommended that AIU information be disseminated to the: ASFA Board, IAMSLIC Listserv and Regional Listservs, IODE community list, IODE National Coordinators for Marine Information Management and ODIN National Coordinators, Special Libraries Association Listserv ASLO Listserv. Contributions were also suggested for the IOC Newsletters and IAMSLIC Blog

The Group recommended that the IODE Secretariat communicate by email with the above groups and include the AIU application form. See APPENDIX III draft email

The Group recommended that an email text be drafted for the IODE Secretariat to send to the IAMSLIC President for dissemination on the IAMSLIC listserv. See APPENDIX III draft email

The Group recommended that an AIU presentation be made at the 2018 IAMSLIC Meeting
4.3 Process for review and approval of applications of AIU candidate centres

Until February 2019, GE-MIM in Transition would review and make recommendation to the IODE MG Co-Chairs on AIU applications. This would give the Group time to refine the process if necessary before Mar 2019 when the AIU Application Review (and Approval) would be transferred and managed by the IODE-MG Co-Chairs. See APPENDIX II

4.4 Joint activities between IODE and IAMSLIC

4.4.1 Aquatic Commons http://aquaticcommons.org/ (IAMSLIC, hosted by IODE)

will continue to be hosted by IODE. The group was informed that Mr. Adi Naik Kakodkar will be leaving IODE in May 2018. It was expected that replacement staff would be appointed. The Group accepted Mr. Adi Naik Kakodkar’s recommendation not to upgrade AC to EPrints 3.4 until the upgrade had been tested by others, probably mid to late 2019.

4.4.2 Inventory of Marine and Aquatic Repositories (IMAR).

IMAR is a joint IODE/IAMSLIC project http://www.iamslic.org/publications/inventory-of-marine-and-aquatic-repositories. The group was informed that the current number of entries is 55 repositories. Additions were made by IAMSLIC members for their own or recommended repositories. The group acknowledged the success of this joint project.

4.4.3 New initiatives

The group considered some ideas for further discussion and potential joint development which if agreed could be included in a new MOU:

● Promotion of AIUs
● IAMSLIC would like to investigate potential opportunities for online training in conjunction with IODE.
● Creation of a web-based question and answer forum/FAQ/blog
● Addition of top toolbar for training including OTGA resources on IAMSLIC website
● Update IODE resource available for example Ocean Best Practices, ODIS
● Elevating the profile of Marine Information Management in the WESTPAC region by collaboration of ODINWESTPAC and the creation of an IAMSLIC WESTPAC group.
● Procedure for capturing presentations from regional groups and making presentations available.
● Advising institutions investigating journal publishing platform for Open Access Publishing solutions (OJS, Aquatic Commons, Regional platforms such as SCIELO)
4.5 Draft terms of reference for the proposed IODE working group on marine information management, for submission to IODE-XXV

Working groups are not a part of the revised IODE structure and would require a special proposal which even if approved might only operate for two years. The group discussed the fact that there would need to be a core group of AIUs to justify putting forward a recommendation for a working group.

Given the current situation, the group reviewed activities that an IODE working group might include:

1. Promote AIUs
2. Manage the AIU application process and make recommendations on applications
3. Training requirement identification
4. Raise profile of MIM in projects\Identification of MIM expertise for specific projects
5. Maintain relationship with IAMSLIC
6. Cooperate with ADUs

The group then considered some possible structures that could deliver the above and the challenges for each option:

**IOC Working Group on Marine Information Management**
- Would give MIM a voice but would require an equivalent ADU working group
- WG are finite (2 years)
- Difficulty of recruiting members
- Would want ADU representation
- Funding not certain
- Would allow for continued application approval by a group

**IAMSLIC Committee on IODE MIM**
- Propose a new IAMSLIC Committee on IODE - would need approval of IAMSLIC Executive Board
- Imposing IODE targets on IAMSLIC
- Provides a forum for discussion of collaborative projects

**Coordinator of AIUs**
- A person to work with secretariat to push forward AIUs
- Would only be for AIUs and not cover other activities
- Difficulty for recruiting
- Comparable position for ADUs

The group did not feel that they could recommend any one of the above structures or groups but looked to see how the roles and activities defined above could be accommodated.

The group acknowledged that in the future these ideas may be revisited if the need for a more formal structure arises; however, the group felt that the existing mechanisms should be utilized until the AIUs reach a critical mass.
GE-MIM-in-Transition will exist until February 2019 and will cover the activities listed above; after which it is suggested the activities will be covered by the following:

**Activities 1 & 2: Promote AIUs AND manage application review**

The Group has designed an objective review process with equitable criteria which could be applied by the IODE MG co-chairs. Advice could be sought from the current IAMSLIC President if needed in borderline cases. Until February 2019 GE-MIM in Transition will vet AIU applications before submission for approval of IODE MG Co-Chairs. This will allow GE-MIM in Transition to review and refine the process before relinquishing it to IODE MG Co-Chairs.

**The Group Recommended** that promotion of AIUs would be primarily through the IODE Secretariat using such means as IAMSLIC Listserv, ASFA, conferences, assisted by members of GE-MIM in Transition while it exists.

**The Group Recommended** that Review of the AIU application process will be completed by GE-MIM in Transition through IODE-XXV February 2019. After which the AIU review and approval process would be managed by the IODE MG Co-Chairs.

**Activity 3: Training requirement identification**

**The Group Recommended** utilizing the existing OTGA Training Requirements Survey to IAMSLIC

**The Group Recommended** that the MOU should include an IAMSLIC undertaking to recruit OTGA Lecturers

**Activity 4: Maintain relationship with IAMSLIC**

**The Group Recommended** that IODE and IAMSLIC should renew their joint Memorandum of Understanding (MOU) See APPENDIX IV

**The Group Recommended** that IODE and IAMSLIC explore the possibility of an IAMSLIC Committee on IODE and if agreed include it within the MOU

**Activity 5: Raise profile of MIM in projects\Identify MIM expertise for specific projects**

Due to the IODE programme being project based, the group felt their main concern was to ensure that Marine Information Professionals were included in project proposals. The Group understands that a new Project Proposal Template (agreed at IODE-XXIV) has not yet been created.
The Group reviewed the template included in IODE-XXIV report:

**Template**

The template for all project and activity proposals will include the following and other aspects as feasible as decided by the IODE Management Group:

1. Proposed title of project or activity
2. Description of the alignment with IODE strategy and vision
3. The benefits to the IOC/IODE community
4. Proposed starting and end date (except for persistent projects)
5. Project leader, project team members
6. Budget (total budget, available resources, budget requested from IODE)
7. The project/activity plan
8. The goals and objectives
9. The timeline, milestones, and deliverables
10. How will the results be shared with the IOC/IODE community
11. Optional: Does the project or activity have endorsements or support from the IOC/IODE community or other national, regional, or international programmes (this can be added as appendices to the proposal)?
12. All proposals should be signed by the Project Leader and project team members.

**The Group Recommended** that Section 5 of the Project Proposal Template be rewritten to read:

5. Project leader, project team members *(mandatory requirement to include a Data Manager and a Marine Information Professional where applicable).*

**The Group Recommended** that the Project Proposal template be available as a link on the IODE website sidebar

**Activity 6: Cooperate with ADU**

In making the recommendation on Activity 5, the Group felt this would provide the opportunity for members from ADU and AIU to collaborate. However, the Group felt once there is critical mass of AIU that the IODE Secretariat should take a holistic view of the two groups and work to build collaboration between them

**5. WORK PLAN AND BUDGET UNTIL IODE-XXV (FEB 2019)**

5.1 Opportunities to promote and seek applications to become AIUs in 2018/2019
   See Work Plan 5.5

5.2 Proposals for cooperation with IAMSLIC 2018-2019
   See work plan below

5.3 Draft MoU IOC-IAMSLIC.
The Group discussed that the MOU had lapsed, although both parties continued to work together on the same basis and IODE confirmed this would continue. Edits to a new draft MOU were completed during the session See Work Plan 5.14 and APPENDIX IV

Table: proposed work plan

<table>
<thead>
<tr>
<th></th>
<th>Activity</th>
<th>Timing (month, year)</th>
<th>Responsibility</th>
<th>Funds already identified (and source) in USS</th>
<th>Funds requested from IODE in USS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1</td>
<td>GE-MIM in Transition Virtual Meeting</td>
<td>Dec 2018 or Jan 2019</td>
<td>IODE Secretariat and Chair</td>
<td></td>
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<tr>
<td>5.2</td>
<td>Finalize the AIU documentation (see APPENDIX II)</td>
<td>Mar 2018</td>
<td>Chair Group IODE Secretariat</td>
<td></td>
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<tr>
<td>5.3</td>
<td>Update the IODE AIU webpage and include FAQs (see APPENDIX II)</td>
<td>Mar 2018</td>
<td>Chair Group IODE Secretariat</td>
<td></td>
<td></td>
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<tr>
<td>5.4</td>
<td>Create a ppt presentation for advocacy opportunities</td>
<td>May 2018</td>
<td>Chair and Group</td>
<td></td>
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<tr>
<td>5.5</td>
<td>Opportunities to promote and seek applications to become AIUs</td>
<td>Mar 2018 - Feb 2019</td>
<td></td>
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<tr>
<td>5.5.1</td>
<td>ASFA Advisory Board, Oostende</td>
<td>Jun 2018</td>
<td>Peter Pissierssens</td>
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<tr>
<td>5.6</td>
<td>IAMSLIC Conference Uganda</td>
<td>Sep 2018</td>
<td>Sally Taylor</td>
<td></td>
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<tr>
<td>5.6.1</td>
<td>Presentation at IAMSLIC Regional Groups by Regional group rep.</td>
<td>Mar 2018 Apr 2018</td>
<td>Regional group rep</td>
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<tr>
<td>5.7</td>
<td>Draft email text 1. Blanket; 2. IAMSLIC for President to circulate IAMSLIC List and Regional Lists</td>
<td>Mar 2018</td>
<td>Sessional Group (see Appendix III)</td>
<td></td>
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</table>
5.8 | Email (which includes link to application form) to IAMSLIC list; ASFA Board, IODE Community list; IODE National Coordinators MIM; ODIN National Coordinators; ASLO Listserv; Special Library Association listserv (Mary Markland liaisons) | Mar 2018 | IODE Secretariat |
5.8.1 | Contribution to IAMSLIC Blogpost; IOC Newsletter | Mar 2018 | Chair IODE Secretariat |
5.9 | AIU Ambassador to recruit / headhunt (initial low hanging fruit) | Mar 2018 - Feb 2019 | Chair to invite Sally Taylor |
5.10. | Create a recommendation for IODE-XXV to amend Project Proposal Template wording | Feb 2019 | Chair Group IODE Secretariat |
5.11 | Final Report of GE-MIM in Transition to IODE-XXV | Jan 2019 | Chair |
5.12 | Translate the AIU Application Documentation | Post IODE-XXV | IODE Secretariat |
5.13 | Create IODE AIU decal/logo for upload to successful applicants’ website and also place on info products developed with IODE | Mar 2018 | IODE Secretariat |
5.14 | Draft MOU - IOC-IAMSLIC | Feb 2019? See APPENDIX IV | IODE Secretariat Chair |

6. ADOPTION OF THE REPORT OF THE SESSION

The Joint IODE/IAMSLIC Group of Experts on Marine Information Management in a transitional capacity adopted the report of the session and draft work plan.

7. CLOSING OF THE SESSION

Chair Ms Jennifer Walton closed the session at 11.30 on 21 February 2018
ANNEX I

LIST OF PARTICIPANTS

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Application

to join the International Oceanographic Data and Information Exchange (IODE) of the Intergovernmental Oceanographic Commission of UNESCO (IOC) as an

IODE
Associate Information Unit (AIU)

25 Feb 2018
INTRODUCTION

Through this document your organization, institution, project or programme, expresses its desire to join the International Oceanographic Data and Information Exchange (IODE) programme of the Intergovernmental Oceanographic Commission as an IODE Associate Information Unit (AIU) as described below.

Procedure: Applications for IODE AIU membership shall proceed as follows:
- Review and recommendation (within 1 month) by the Joint IODE/IAMSLIC Group of Experts on Marine Information Management in a transitional capacity (until February 2019),
- Approved (within 1 month) by the IODE Management Group (by email or during IODE-MG meetings).
- From March 2019, applications will be reviewed by the IODE Management Group (by email or during IODE-MG meetings). The current IAMSLIC President will be available to advise if required.

After the review, applicants will be contacted in writing (by email) through the contact email of the person signing the application. Applications should be submitted by email and sent to Peter Pissierssens, IODE Programme Coordinator, p.pissierssens@unesco.org. If the application is approved, then information on the new AIU will be posted on the IODE web site and a Certificate of Accreditation will be issued.

An Accreditation Review will take place every 5 years.

Information also at http://www.iode.org/aiu

ABOUT IODE

The objectives of the IODE Programme are:

1. To facilitate and promote the discovery, exchange of, and access to, marine data and information including metadata, products and information in real-time, near real-time and delayed mode, through the use of international standards, and in compliance with the IOC Oceanographic Data Exchange Policy for the ocean research and observation community and other stakeholders;

2. To encourage the long term archival, preservation, documentation, management and services of all marine data, data products, and information;

3. To develop or use existing best practices for the discovery, management, exchange of, and access to marine data and information, including international standards, quality control and appropriate information technology;
4. To assist Member States to acquire the necessary capacity to manage marine research and observation data and information and become partners in the IODE network;

5. To support international scientific and operational marine programmes, including the Framework for Ocean Observing for the benefit of a wide range of users.

**TERMS OF REFERENCE OF THE IODE AIU**

IODE Associate Information Units (AIUs) shall:

I. Be national projects, programmes, institutions or organizations, or regional or international projects, programmes, institutions or organizations (including academia) that carry out marine information management functions, and/or provide marine information services/products

II. Be staffed by at least one marine information professional (by qualification or experience),

III. Actively participate in the further development of online information services and products.

IV. Promote Open Access to information. In this context “Open Access” is defined as “unrestricted access and unrestricted reuse” to/of information.

V. Display a collaborative and networking ethos through:
   a. Membership/partnership of professional information networks to enrich their own as well as the entire IODE community;
   b. Sharing expertise and experience with other AIUs, and IODE National Coordinators for Marine Information Management;
   c. Sharing information on new digital initiatives implemented within the AIU, with the IODE community;

VI. Receive information on, and contribute to, IODE standards and best practices related to marine information management,

VII. Be welcomed to participate in training activities, organized within the framework of the IODE OceanTeacher Global Academy programme

VIII. Be welcomed to participate in IODE workshops and projects,

IX. Agree to display the IODE/AIU decal logo on your webpage and on marine information products developed in collaboration with IODE,

X. Agree to make available information management documentation
INFORMATION ON THE APPLICANT INSTITUTION/ORGANIZATION/PROJECT/PROGRAMME

Note: you can provide additional information in an annex on any of the questions below question

IODE invites any marine science-related institution, organization, project, or programme, that is willing to comply with the above-mentioned Terms of Reference to apply to join IODE as an IODE Associate Information Unit (AIU) by providing the following information:

(i) name and description of the national, regional or international institution, organization, project or programme; include URL

(ii) name of the applicant AIU (if different from (i));

(iii) URL of web presence of the applicant AIU;

(iv) URL of database where AIU collection holdings are recorded;

(v) URL of document repository;

(vi) brief description of information services/products/digital initiatives provided by the entity including any separate URLs;

(vii) name and contact information of the AIU contact point(s); (note that this name can be different from the person signing the application. The AIU contact point will be contacted for all practical, technical and scientific communications);

(viii) name and contact information of the head of the applicant entity: (Director of institution, project coordinator, etc. This may be the name of the person signing the application);

(ix) description of staff and skills/expertise; (include IT support);

(x) opportunities provided to staff for professional development (in-house training/external training/participation in conferences,…);

(xi) metrics (e.g. number of journal subscriptions, number of
holdings, number of records in repositories and other Databases etc);

(xii) demonstrated involvement in a professional network or partnership (e.g. active member of library network, partner in funded collaborative project at regional, national, international level etc);

(xi) for projects: expected lifespan of the project and indication of plans for the archival/preservation of the information output;

(xii) please attach letter of support from organization management;

(xiii) required capacity building, training that IODE should provide;

(xiv) information on the existing relationship with IODE (if applicable).

SIGNED
(on behalf of
[name of institution, organization, project, programme,]
Date:

Name:

Position:

Email address to be used for further communication on this application:

Signature:
# Review Criteria for Application

## IODE Associate Information Unit (AIU)

25 Feb 2018

Candidates must comply with the essential criteria; the baseline for award of AIU is a total of Essential + 4 points

*These criteria will be trialled by GE-MIM in Transition for the first few applications and will be refined if necessary by February 2019*

<table>
<thead>
<tr>
<th>Essential</th>
<th>AIU applicant web presence</th>
<th>A web presence dedicated to relevant information services with URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Essential</td>
<td>Online AIU applicant collection holdings database</td>
<td>A web accessible database of the holdings (this could be part of a larger database if the AIU applicant is a unit of a larger information complex)</td>
</tr>
<tr>
<td>Essential</td>
<td>Staffed by at least one marine information professional (by qualification or experience)</td>
<td>This is a minimum Note: if marine information professional is not available then is there willingness to have someone recruited or trained?</td>
</tr>
</tbody>
</table>
### Other review criteria (compliance will result in 1 point each)

<table>
<thead>
<tr>
<th>Essential</th>
<th>Member of a professional network - activities/contribution</th>
<th>Active involvement in International, National, Regional or Local network - what level of involvement is acceptable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Contributes to, or hosts an OA[1] repository</td>
<td>This can be their own repository or deposits into a larger institutional or thematic repository</td>
</tr>
<tr>
<td></td>
<td>Organization provides support to attend professional meetings, training courses</td>
<td>Do they receive time off and funding support</td>
</tr>
<tr>
<td></td>
<td>Provides RDM[2] support</td>
<td>Eg. an RDM support webpage or RDM instruction to researchers</td>
</tr>
<tr>
<td></td>
<td>Digitization of content</td>
<td>Have they digitized any of their holdings or been part of a larger digitization project</td>
</tr>
<tr>
<td></td>
<td>Involvement in Institutional publication process</td>
<td>Contributes by allocation of series number, DOI, bibliographic checking service etc</td>
</tr>
<tr>
<td></td>
<td>Offers User instruction in information seeking</td>
<td>Information service users instruction on online resources</td>
</tr>
<tr>
<td></td>
<td>Contributes to OceanExpert</td>
<td>Is in OE[3] and actively encourages their users to enter and update their OceanExpert entries</td>
</tr>
<tr>
<td></td>
<td>Is a partner in funded collaborative information/data services projects (regional, national, international)</td>
<td>Have they been a successful partner in bidding for project funding</td>
</tr>
<tr>
<td></td>
<td>Has taken part in an IODE MIM[4] or other activity</td>
<td>Participated in an IODE project, training course (as student or lecturer). MIM Country representative, member of steering group etc.</td>
</tr>
<tr>
<td></td>
<td>AIU applicant entity has IT developer within staff</td>
<td>Active participation in online information services and products requires an in-house IT professional developer.</td>
</tr>
</tbody>
</table>

[1] Open Access  
ANNEX III

Draft of email to invite AIU applications

Dear Colleagues

We wanted to let you know about the new IODE Associate Information Unit initiative and invite you to apply.

The IODE objective in this invitation is to promote greater communication with the global marine information community and offer it a greater voice influencing the IODE strategic plans for data and information products and services.

Why you should want to apply:

Could be put in a box with a background that matches the IODE style

1. To be a part of an international organization vision
2. To influence the future digital direction of marine information
3. To participate in innovative projects, meetings, training courses, workshops
4. To share and gain experience in new technology applications

As you are a leading information unit, we send this invitation because we would welcome your AIU application.

If you agree to join this international community, please download and complete the forms on http://www.iode.org/aiu, where further information is also available.

Draft of email for IAMSLIC President to send out

Dear Colleagues

I wanted to let you know about the new IODE Associate Information Unit initiative which the IAMSLIC Executive Board are pleased to support and invite you all to apply.

The IODE objective in this invitation is to promote greater communication with the global marine information community and offer it a greater voice influencing the IODE strategic plans for data and information products and services.

Why you should want to apply: MAYBE LEAVE OUT

1. To be a part of an international organization vision
2. To influence the future digital direction of marine information
3. To participate in innovative projects, meetings, training courses, workshops
4. To share and gain experience in new technology applications

As you are a leading information unit, we send this invitation because IODE would welcome your AIU application.

If you agree to join this international community, please download and complete the forms on https://www.iode.org/index.php?option=com_content&view=article&id=528&Itemid=100343. where further information is also available
ANNEX IV

Draft MOU - IOC - IAMSLIC

United Nations Education, Scientific and Cultural Organization
Organisation des Nations Unies pour l'éducation, la science et la culture

MEMORANDUM OF AGREEMENT
ON
GENERAL COOPERATION

Between
THE UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION Through its INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(Hereinafter called “UNESCO/IOC”)
And
THE INTERNATIONAL ASSOCIATION OF AQUATIC AND MARINE SCIENCE LIBRARIES AND INFORMATION CENTERS
(Hereinafter called “IAMSLIC”)

Now therefore, the parties hereby agree as follows:

Considering that one of the UNESCO/IOC mission is to promote international cooperation and to coordinate programmes in research, services and capacity-building, in order to learn more about the nature and resources of the ocean and coastal areas and to apply that knowledge for the improvement of management, sustainable development, the protection of the marine environment, and the decision-making processes of its Member States:

Bearing in mind that UNESCO/IOC collaborates with international organizations concerned with the work of the Intergovernmental Oceanographic Commission, and especially with those organizations of the United Nations system which are willing and prepared to contribute to the purpose and functions of the UNESCO/IOC and/or to seek advice and cooperation in the field of ocean and coastal area scientific research, related services and capacity-building;

Considering further that the International Association of Aquatic and Marine Science Libraries and Information Centers is a non-profit volunteer association of individuals and organizations in the State of Oregon, United States of America having an interest in library and information science, especially as these are applied to the recording, retrieval and dissemination of knowledge and information in all aspects of aquatic and marine sciences and their allied disciplines;
Convinced that joint work between the IOC of UNESCO through its International Oceanographic Data and Information Exchange (IODE) programme and IAMSLIC in the field of marine information management will be mutually beneficial to both parties and to the marine research community as a whole;

Taking into account the experience of the IAMSLIC membership as a stimulus to the rapid transfer of knowledge through networking and other linking arrangements;

Have agreed as follows:

I. Purpose
The purpose of this agreement is to strengthen cooperation and communication between both organizations in the field of marine information management through (i) providing training and support to build human capacity related to marine information management; (ii) promoting and networking of marine information managers; and (iii) promoting the capacity of libraries and information centres to disseminate and provide access to, marine scientific data and information for the benefit of marine scientists and other relevant users.

II. Principles
The Parties enter into this Agreement following principles that are founded in respect, mutual goodwill, accord each other all reasonable cooperation and assistance as many be expected between institutions committed to the highest standards of scientific research, environmental protection and international cooperation.

III. Scope of cooperation
Under this agreement, it is hereby agreed that:
1. Contributions from IAMSLIC
   (i) IAMSLIC shall:
      a. Promote cooperation of its membership in IOC/IODE’s OceanTeacher by identifying resource personnel who will contribute content and lecturers who will be able to provide classroom or online training within the framework of the OceanTeacher Global Academy;
      b. Promote the IODE OceanExpert global directory of marine professionals to the IAMSLIC membership and invite them to join the directory;
      c. Promote the activities of IOC/IODE’s marine information management activities by inviting IOC/IODE to the IAMSLIC Annual Conference as well as meetings of its regional groups and include meeting sessions on topics relevant to the MoU;
      d. Promote and encourage applications for the accreditation of the IODE Associate Information Unit;
      e. Offer consultation by the IAMSLIC President to the IODE Management Group in decisions on borderline cases for AIU applications;
      f. Implementation of an IAMSLIC Committee on IODE to ...
      g. Work with IODE to encourage marine information management professionals to participate in IODE Data projects
h. Acknowledge the financial and in-kind support provided by IOC/IODE to IAMSLIC and its Aquatic Commons through the IAMSLIC website, Aquatic Commons website (through the inclusion of the IODE logo and the footer “Hosted by the IOC Project Office for IODE, Oostende, Belgium) and during the IAMSLIC annual conference;

2. Contributions from UNESCO/IOC:
   (i) IOC shall:
   a. Promote IAMSLIC to the IODE community through its “Ocean Data and Information Networks” (ODINs), web sites and publications;
   b. Host the IAMSLIC Aquatic Commons e-repository on its servers located at the IOC Project Office for IODE, Oostende, Belgium and in particular;
      1) Provide and maintain the required hardware including regular backup of software and content;
      2) Provide not less than 19 days/annum for EPrints software maintenance and software upgrade support;
      3) Annually renew the domain registration for www.aquaticcommons.org without cost to IAMSLIC;
      4) Provide an annual report on work carried out to the IAMSLIC Chair of the Aquatic Commons Board;
      5) Identify the symbiotic relationship between IODE OceanDocs Repository and the Aquatic Commons Repository;
   c. Designate one or two non-voting IODE experts to the Aquatic Commons Board;
   d. Provide support, not exceeding US $5,000 to IAMSLIC members from developing countries to participate in the IAMSLIC annual conference; Decision making on candidates and reimbursement is done by IODE in consultation with IAMSLIC;
   e. Sponsor up to 40 IAMSLIC annual memberships for experts from developing countries.
   f. Will invite IAMSLIC to participate in any future IODE MIM groups

3. Joint contributions:
   (i) UNESCO/IOC and IAMSLIC will organize, as mutually agreed upon and in the framework of this Agreement, joint activities on questions of mutual interest, including inter alia:
      a. training workshops and short courses on topics relating to the field of competence of both organization;
      b. exploratory investigations and pilot activities related to innovations in marine information management;
   (ii) UNESCO/IOC and IAMSLIC will exchange information within their respective areas of responsibility, including information on the implementation and effectiveness or programmes of mutual interest.

IV. Use of the names
Neither the name of UNESCO/IOC nor IAMSLIC may be used to endorse or promote any activity outside the specific framework of this agreement without specific prior written permissions.
V. Duration and termination
This Agreement shall be in effect from the date of the last signature through 31 December 20xx.
This Agreement may be terminated by either party before the expiry date of the Agreement by giving notice in writing to the other party. The period of notice shall be fourteen days.
No change in or modification of this Agreement shall be made except by prior written agreement between UNESCO/IOC and IAMSLIC.

VI. Settlement of disputes
1. The Parties will negotiate and cooperate with each other in good faith to resolve any disputes or conflicts that arise in connection with this MoU.
2. Any dispute, controversy or claim arising out of or relating to this contract, or the breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as present in force. Parties may wish to consider adding: (a) The appointing authority shall be UNESCO; (b) The number of arbitrators shall be three; (c) The Place of arbitration shall be Paris, (France); (d) The language to be used in the arbitral proceedings shall be English.

In witness where of, the duly authorized representatives of the Parties, hereto sign two (2) originals of this Agreement, in English, considered identical in Paris and Vancouver

Signed on behalf of UNESCO/IOC

____________________________________
Vladimir Ryabinin
Executive Secretary IOC

Date: ________________________________

Signed on behalf of IAMSLIC

____________________________________
President of IAMSLIC

Date: ________________________________

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