

INTERGOVERNMENTAL
OCEANOGRAPHIC
COMMISSION



WORLD
METEOROLOGICAL
ORGANIZATION



INTEGRATED GLOBAL OCEAN SERVICES SYSTEM (IGOSS)

COMPOSITION OF IGOSS

9 SEP. 1985

This periodic publication contains information on the Composition of IGOSS and its subsidiary bodies. The content of each edition is based upon the latest official information available to the IOC and WMO Secretariats.

- APRIL 1985 -

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION

WORLD METEOROLOGICAL ORGANIZATION

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This concept was introduced by the Joint IOC/WMO Working Committee for IGOSS at its First Session (Paris, 18-27 September 1978) through Recommendation 2 (JWC-IGOSS) which states inter alia that the JWC

"Recommends that each Member State of IOC and WMO be encouraged to designate a National Representative for IGOSS whose main tasks include:

- 1) acting as the permanent focal point in his country and maintaining contact with the competent national authorities on IGOSS matters,
- 2) promoting co-ordination of efforts and opinions among national services concerned with IGOSS,
- 3) ensuring that all correspondence on IGOSS matters is addressed to both Secretariats,
- 4) communicating with the Secretariats on IGOSS matters within his competence."

The Recommendation was adopted by the Executive Council of IOC at its Eleventh Session (Mexico City, 26 February-3 March 1979) through Resolution EC-XI.11 and the Executive Committee of WMO at its Thirty-first Session (Geneva, 28 May-1 June 1979) through Resolution 8 (EC-XXXI). As a follow-up, the Joint IOC/WMO Circular Letter No.79-56 dated 27 August 1979 invited Members of WMO and Member States of IOC to designate a National Representative for IGOSS.

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At the Third Joint Session of the IOC Working Committee for IGOSS and the WMO Executive Committee Panel on Meteorological Aspects of Ocean Affairs (Geneva, 11-14 November 1970), the recommendation "that a pilot project be arranged in the second half of 1971 for the distribution of available BT data over the GTS, to IOC and WMO Members wishing to receive those data" was endorsed together with guidelines prepared for this project. By IOC Circular Letter No.325 dated April 1971, IOC Member States were invited to provide the Secretariat with relevant information and, in particular, to "nominate a national representative who will co-ordinate all pilot project matters with the IOC". These national representatives were later on called National Co-ordinators and the pilot project became the IGOSS BATHY/TESAC Operational Programme on 15 June 1975 by Resolution EC-V.12 adopted by the IOC Executive Council at its Fifth Session (Venice, Italy, 3-8 March 1975) and Resolution 9 (EC-XXVII) adopted by the WMO Executive Committee at its Twenty-seventh Session (Geneva, 26-30 May 1975).

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Terms of Reference

Reference: Resolution 5 (JWC-IGOSS-II), adopted by the Joint IOC/WMO Working Committee for IGOSS at its Second Session (Geneva, 20-29 October 1980)

"To further the development of IGOSS by:

- (a) Evaluating technological developments, especially in the areas of satellites and buoy systems with potential applications to IGOSS programmes;
- (b) Considering requirements, system characteristics, instrumentation and automatic data processing techniques for data acquisition and processing;
- (c) Investigating methods of product formulation and provision of services to users."

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IGOSS SUB-GROUP OF EXPERTS ON
SCIENTIFIC MATTERS RELATED TO IGOSS

Terms of Reference

Reference: Resolution 4 (JWC-IGOSS-III) adopted by the Joint IOC/WMO Working Committee for IGOSS at its Third Session (Paris, 21 February - 2 March 1983)

"The Sub-group will be responsible for providing scientific advice to the Joint Working Committee for IGOSS and to have liaison with scientific programmes of IOC, WMO and appropriate international bodies, in order to assist in specifying scientific requirements, which may be imposed on IGOSS.

This work will be carried out with support by the IGOSS Sub-group on Operations and Technical Applications, and the Task Team of Governmental Experts on the Further Development of the IGOSS Observing System (IOS). In carrying out its responsibilities, the Sub-group of Experts will

- (i) assist in the evaluation of IGOSS with respect to the usefulness of the system in satisfying scientific requirements and make recommendations concerning improvements in data collection and product development that may be needed;
- (ii) assist in the translation of scientific requirements into observational and product requirements that can be dealt with by IGOSS;
- (iii) represent IGOSS as required at various international scientific meetings for the purposes of establishing the scientific requirements for IGOSS and to make scientific users aware of IGOSS data and product services;
- (iv) report on the progress of the work of the Sub-group of Experts (i) to the Chairman of the JWC during the intersessional periods and (ii) at the sessions of the JWC."

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TASK TEAM OF GOVERNMENTAL EXPERTS
ON THE FURTHER DEVELOPMENT OF
THE IGOSS OBSERVING SYSTEM (IOS)

Terms of Reference

Reference: Resolution 7 (JWC-IGOSS-II) adopted by the Joint IOC/WMO Working Committee for IGOSS at its Second Session (Geneva, 20 - 29 October 1980)

"The Task Team will be responsible for the co-ordination and evaluation of the further development of the IOS. The Task Team will review each element (operational, developmental and assessment) of the IOS on a regular basis and advise the Joint IOC/WMO Working Committee for IGOSS of the progress being made or of the system shortcomings. Specific recommendations for operational improvements and expansion and developmental studies will be made as appropriate.

This work is to be carried out with the support of the IGOSS sub-groups of experts, the IGOSS Operations Co-ordinator, the Secretariats and in conjunction with representatives of other intergovernmental bodies whose programmes are compatible with IGOSS. In carrying out these responsibilities, the Task Team will:

- (a) Analyse IGOSS data requirements in terms of expected data sources for the periods 1982-1985 and 1986-1990;
- (b) Determine the feasibility of an programme specifications for incorporating additional data sources within IGOSS;
- (c) Monitor the exchange of BATHY and TESAC reports and other data to ensure the flow of high quality data within IGOSS;
- (d) Recommend IOS-related tasks to be carried out by the IGOSS sub-groups of experts;
- (e) Keep under review the development of other IOC and WMO programmes to determine the need and desirability of implementing co-operative IOS programmes;
- (f) Prepare a comprehensive report based on the results of the foregoing studies and reviews, including in particular the costs and benefits to Member States of recommended actions.

The Task Team will work by correspondence and meet, if appropriate, at least once during the intersessional period."

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IGOSS DATA PROCESSING AND SERVICES SYSTEM CENTRES

Reference: IGOSS General Plan and Implementation Programme 1982-1985, as approved by the WMO Executive Committee at its Thirty-third Session (Geneva, 1 - 17 June 1981) through Resolution 6 (EC-XXXIII) and the IOC Executive Council at its Fourteenth Session (Tenerife, 22 - 27 June 1981) through Resolution EC-XIV.18. Paragraphs 61 and 62 of the General Plan read as follows:

"The IDPSS Centres are established in response to national and international requirements. The Centres adhere to a basic set of standard procedures contained in the Guide on the IDPSS and carry out functions that are supportive of each other. Amongst these are:

- Quality control;
- Preparation of edited collections of observations in standard formats for users;
- Production and dissemination of oceanic analyses and forecasts;
- Fully documenting and distributing data processing and analytical methods for other participants in the IDPSS;
- Monitoring the flow of oceanic data through the Centres.

The Centres actively participating in the IDPSS have provided a variety of products, some of which are routine in nature whilst others have been designed in support of specific oceanographic and meteorological projects;

- (a) National Oceanographic Centres (NOCs) or National Meteorological Centres (NMCs) with corresponding functions are the basic element of the system: these are the sole responsibility of Member States and provide services in response to national priorities. Member States not having an NOC are encouraged to consider establishing an NOC and participating in the IDPSS;
- (b) At the request of several Member States or in response to the requirements of international programmes, Specialized Oceanographic Centres (SOCs) may be established which would provide products for designated regions or specific projects. The products of the SOCs primarily address regional requirements (see paragraph 30). Member States are invited to establish SOCs and designate their areas of responsibility, subject to approval by the governing bodies of IOC and WMO;
- (c) World Oceanographic Centres (WOCs) are specific SOCs on the global scale. The WOCs have highly automated facilities that can deal with great volumes of data and use numerical techniques efficiently for the analysis and forecast of large- and planetary-scale phenomena. Their products are usually available to other centres via the GTS in the form of guidance material for more detailed products. WOCs are presently located in Moscow and Washington."

1. National Oceanographic Centres (NOCs) (or National Meteorological Centres (NMCs) with corresponding functions)

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Naval Hydrographic Service
Centro Argentino de Datos Oceanograficos
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BRAZIL	Diretoria de Hidrografia e Navegacao Primeiro Distrito Naval Ilha Fiscal 20091 Rio de Janeiro
CHILE	Centro Nacional de Datos Oceanograficos de Chile Casilla 324 Valparaiso
DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA	National Meteorological Centre Central Weather Forecasting Institute P.O. Box 100 Pyongyang
FINLAND	Institute of Marine Research Asiakkaankatu 3 P.O. Box 33 SF - 00931 Helsinki 33
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GERMANY, FEDERAL REPUBLIC OF	Deutsches Hydrographisches Institut National Oceanographic Centre Bernhard-Nocht-Strasse 78 D - 2000 Hamburg 4
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JAPAN	Japan Meteorological Agency Marine Department Oceanographical Division 3-4 Ote-Machi Chiyoda-ku Tokyo 100
KENYA	Meteorological Department P.O. Box 20259 Nairobi

PERU	Centro Meteorologico Nacional Servicio Meteorologico y Hidrologico Apartado 1308 Avenida Republica de Chile N. 295 Lima
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UNITED STATES OF AMERICA	NOAA/National Weather Service National Meteorological Center, Marine Products Branch World Weather Building 5100 Auth Road Camp Springs MD 20233

2. Specialized Oceanographic Centres (SOCs)

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UNITED STATES OF AMERICA (global)	NOAA/National Weather Service National Meteorological Center, Marine Products Branch World Weather Building 5100 Auth Road Camp Springs MD 20233
(for the ISLPP)	Prof. K. Wyrcki Department of Oceanography University of Hawaii Honolulu 96822

3. World Oceanographic Centres (WOCs)

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National Meteorological Centre - NMC
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UNITED STATES OF AMERICA

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NATIONAL CONTACTS FOR
THE IGOSS SEA LEVEL PILOT PROJECT (ISLPP) IN THE PACIFIC

The Joint IOC-WMO Working Committee for IGOSS, at its Third Session (Paris, 21 February - 2 March 1983), through Recommendation 3 (JWC-IGOSS-III) recommended "that the IGOSS Mean Sea Level Pilot Project in the Pacific Ocean (ISLPP) be implemented in accordance with the draft plan given in the Annex to the present Recommendation for a five-year period commencing in 1983". This Recommendation was approved by the WMO Executive Council at its Thirty-fifth Session (Geneva, 30 May - 2 June 1983) through Resolution 12 (EC-XXXV) and the IOC Executive Council at its Seventeenth Session (Paris, 31 January - 9 February 1984) through Resolution EC-XVII.3. The Operational Plan for the ISLPP was distributed under the Joint IOC/WMO Circular Letter No.84-87 dated 6 March 1984, which, inter alia, requested Member States of IOC and Permanent Representatives of Members of WMO "to designate a National Contact for the ISLPP (...) /who/ shall:

- (a) arrange with the appropriate national authorities for the designation of tide gauge stations;
- (b) be responsible for all matters concerning the transmission of national Mean Sea Level data to the SOC*;
- (c) receive, and further distribute within the Member State as appropriate, the monthly Mean Sea Level products from the SOC;
- (d) participate in the work of the Advisory Group for ISLPP.

* The National Contact, as soon as designated, should communicate directly with the Head of the SOC in order to make suitable arrangements for the transmission of data".

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