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INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(of Unesco)

Fifteenth Session of the Executive Council
Paris, 1-6 March 1982

ACTION SHEET AND IMPLEMENTATION PROGRAMME
FOR INTERNATIONAL OCEANOGRAPHIC DATA EXCHANGE

(SC-82/CONF.212/COL.7)

ACTION PLAN ARISING FROM IODE-X

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
General	Final Report of IODE-X Session	a) To prepare the final English version	IOC/Chairman/V-Chairman	November 1981	Done
		b) To forward English version to IODE Co-ordinators and IODE-X participants		December 1981	Done
		c) To translate and print	IOC	As soon as possible	
		d) To forward printed version to all concerned	IOC	March 1982	
General	Action Plan	a) To prepare the draft	IOC/Chairman/V-Chairman	November 1981	Done
		b) To agree upon	IODX Officers	December 1981	Done
		c) To distribute	IOC	December 1981	Done
General	Submission of the WC/IODX reports to the governing bodies of IOC	a) To prepare documents submitting final report of IODE-X to IOC Executive Council (EC-XV)	IOC/Chairman	January 1982	
		b) To represent WC/IODX at IOC/EC-XV	Chairman	1-6 March 1982	
		c) To prepare documents for EC-XVI and IOC-XII Assembly (progress report)	Chairman/IOC	mid-August 1982	
		d) To represent WC/IODX at IOC/EC-XVI and at IOC-XII	Chairman	November 1982	
General	IODX Handbook	To prepare and publish an updated version of the Handbook	IOC	Mid-1982	

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
General	Organization of Task Team	a) To send Circular Letter to Member States which volunteered participate in Task Teams b) To inform TT Chairmen of the Membership of the Task Teams	IOC IOC	December 1981 February 1982	Done
General	Meetings	To arrange for IODE Groups of Experts meetings during the inter-sessional period (in accordance to the budget)	IOC/Chairmen of GEs	1982 - 1983	
General	Medium-Term Budget plan for 1984-1989	To prepare proposals and submit them to the IOC Secretariat	Chairman	November 1981	Done
General	IOC Manual and Guide no. 9	a) To invite a consultant b) To send for comments c) To revise and publish	IOC Chairman WDC, ICSU Panel WC/IODE, IOC	Late 1982 Middle of 1983 End 1983	
General	Preparation to IODE-XI	a) To prepare draft agenda, list of documents b) To invite National Co-ordinators and Chairmen of IODE Subsidiary Bodies to submit their reports c) To invite Member States for IODE-XI d) To prepare and distribute to the participants working documents of IODE-XI	Chairman/V-Chairmen IOC	January 1983 March 1983 February 1983 June 1983	

Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
Agenda item 10	a) First IODE Consultative Meeting	To fix the dates and make arrangements for the meetings	IOC/Chairman	30/11 - 2/12 1981	Done
	b) Second IODE Consultative Meeting		- . .	Early 1983	
para 5.2.13	Reports of National Co-ordinators	To forward national reports to IODE Co-ordinators and IODE-X participants with a cover letter	IOC	December 1981	Done
para.5.3.5	MEDALPEX	To participate at the MEDALPEX Planning Meeting (Paris) and prepare data management plan for the experiment	IOC/ Lead of PSMSI/Representative of RNODC-MEDALPEX	November 1981	Done
para.4.11	Co-operation with WMO	To arrange for IODE representatives to participate at the IMPs on data management scheduled for 1981	IOC/ Chairman/GE on Format Development Chairman	November 1981	Done
para.5.3.1 Res.1	Standard criteria for physical oceanographic data	a) To advise GE on Format Development on the contents of further standard subsets	TT Chairman/GE on Format Development Chairman	Late 1982	
		b) To report to IODE-XI on the activities of the TT		May 1983	
para.5.2.1 Res.2	Development of RNODC programme	To publish RNODC Guide	IOC	December 1981	Done
		a) To submit the final draft of the RNODC Guide to the IOC Secretariat	GE or RNODCs Chairman		
		b) Translation, printing and distribution	IOC	ASAP	

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
para.5.2.1	Preparation of GE.RNODC Biennial Review	To prepare biennial reviews and circulate them to all IODE National Co-ordinators and heads of existing RNODCs and NODCs/DNAs	GE on RNODCs Chairman/IOC	Each intersessional period May 1983	
para.5.2.5 Res. 3	Description of RS data files for the MEDI system	To add file descriptions for remotely sensed data to the MEDI system a) To revise MEDI form to describe adequately RS archived data b) To distribute revised MEDI forms to centres holding RS data c) To insert the information in the MEDI system	Chairman of the TT on RS data/Chairman of GE on MEDI))) Chairman of the TT on RS data) IOC)	May 1982 July 1982 December 1982	
	Referral list to RS data	To design an appropriate referral list to RS data To forward it to Member States operating RS systems for completion To report to the next Session of IODE on the results	Chairman of the TT on RS data Chairman of GE on MEDI IOC Chairman of the TT on RS data	September 1982 December 1982 March 1983	
para.5.2.7 Res. 4	Marine pollution data	To call upon international bodies concerned to co-operate in making marine pollution data available to the oceanographic community a) To prepare a Circular Letter to international bodies b) To report to WC/GIPME on action taken and results achieved at IODE-X	IOC Past Chairman of WC/IODE	December 1981 January 1982	Done Done

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
para.5.2.8 Res. 5	Marine biological data	To send a Circular Letter to IOC Member States to provide the IOC Secretariat with summaries of their national effort in, and need for, exchange of marine biological data	IOC/TT Chairman	Late 1982	
		To compile results and report to IODE-XI	TT Chairman	Not later than May 1983	
	Marine biological data	To prepare comprehensive requirements for GF-3 marine biology data subsets, as needed	TT Chairman	Continuing	
		To develop more specific Guidelines for the recording, documenting and exchange of marine biological data	TT Chairman/ Chairman	Early 1983	
		To design promotional material explaining the merits of archiving and exchanging marine biological data	TT Chairman	ASAP	
		To forward this material to Oceanographic Data Centres	IOC	When available	
		To invite other international organizations to participate in the work of the Task Team	IOC	December 1981	Done

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
para. 5.2.10 Res. 6	Marine Information Management	a) To hire a consultant to undertake a survey and to prepare a draft Handbook on marine scientific and information resources b) To review the Handbook c) To publish and distribute the Handbook	IOC/TT Chairman IOC/FAO/... IOC	ASAP ASAP As soon as Handbook is available	
	Marine Information Management	To examine the implications of additional responsibilities for information management on the structure, functions and budget of WC-IODE To report IODE-XI	TT Chairman/Chairman	Mid 1983 June 1983	
para.5.2.11 Res. 7	Wave Data Management	a) To prepare wave data subset format specification	TT Chairman/Chairman of GE on Format Development	February 1982	
		b) To prepare the user guide for the exchange of measured wave data	GE on Format Development Chairman/Chairman	March 1982	
		c) To develop a GF-3 subset for wave directional spectral data	TT Chairman	February 1982	
		d) To review the use and suitability of the wave data subsets and report to the next meeting of WC/IODE	TT Chairman	1983	
para 5.4 Res. 8	IODE Data Centre Services	To examine the types and amounts of available oceanographic data products			
		a) To send a letter to NODCs b) To examine responses and prepare a report with proposals to IODE-XI	TT Chairman/IOC TT Chairman	April 1982 Early 1983	

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
para. 7 Res. 9	DNPs/NOPs	<p>To review the form used in declaring planned and completed national programmes</p> <p>a) To review the ROSCOOP form</p> <p>b) To conduct a questionnaire survey to examine the usefulness of DNPs/NOPs</p> <p>To make recommendations and report to the WC/IODE on ways to improve the DNP/NOP system</p>	<p>TT Chairman</p> <p>GE on Format Development Chairman/TT Chairman</p> <p>IOC/TT Chairman</p> <p>TT Chairman</p>	<p>April 1982</p> <p>April 1982</p> <p>Early 1983</p>	
para.4.3 Rec. 1	Sea level data	<p>To send Circular Letter to IOC Member States with a request:</p> <p>a) to maintain hourly observations of sea level</p> <p>b) to reduce the data in a suitable format</p> <p>c) to submit the data in a timely fashion to PSMSL</p> <p>To seek the agreement of PSMSL to act as an international data centre for sea level data</p> <p>a) to consult the Head of PSMSL</p> <p>b) to discuss with British authorities ways of increasing financial support</p>	<p>IOC/Head of PSMSL</p> <p>IOC</p> <p>IOC</p>	<p>January 1982</p> <p>October 1981</p> <p>March 1982</p>	Done

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
Rec. 5	ASFIS	IOC in consultation with sponsoring agencies a) to take necessary actions for the development of the comprehensive Management Plan b) and to report to IODE-XI	IOC/ASFIS Panel Chairman	Early 1983 November 1983	
para. 5.1.3 Rec. 2 Res. 1	Practical salinity scale and equation of state of sea-water	a) To distribute copies of Unesco Technical Papers in Marine Science No. 36 b) To urge IODE National Co-ordinators and NODCs to assist by making copies of Technical Papers No. 36 c) To include progress in the reports of national co-ordinators and TT on Standard Criteria for Physical Oceanographic Data	IOC IOC National Co-ordinators/ TT Chairman	October 1981 October 1981 Early 1983	Done Done
para. 4.2 5.2.1 Res. 3	RNODC-Formats	a) To contact the General Secretary of ICES to obtain the necessary approval for additional new functions of ICES Service Hydrographique b) To prepare a report to IODE-XI on the activities of RNODC-Formats c) To write an annual Newsletter for distribution to National Co-ordinators for IODE, NODCs and other interested parties	IOC Head of RNODC-Formats Head of RNODC-Formats in consultation with the Chairman of GE on RNODCs	October 1981 Early 1983 Continuing	Done

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
para.5.2.6 Rec. 6	IGOSS data archiving and exchange	To invite the WC/IGOSS to nominate a representative to participate as an observer in the IODE Group of Experts on Formats	IOC	December 1981	
para.5.1.3 Rec. 7	Data Management scheme in "El Nino" countries	a) To arrange for a consultant survey of data processing and exchange requirements b) To prepare a scheme for data management designed to promote national capabilities c) To report to IODE-XI	IOC/IODE/Chairman & Vice-Chairman Consultant/IOC Consultant	ASAP Early 1983 November 1983	
para. 6 Rec. 8 Rec. 3	TEMA activities	a) To arrange, as requested, for experts' missions to selected regions (subject to availability of funds) b) To prepare and publish a popular illustrated brochure on IODE with a chapter on the importance of oceanographic data and information exchange to national development c) To organize regional workshops, as requested (subject to availability of funds) d) To arrange fellowships to meet the requirements of developing countries (on request)	TEMA Co-ordinator/IOC Consultant/IOC TEMA Co-ordinator/IOC IOC	As requested Early 1983 As requested As requested	

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
	TEMA activities	<p>e) To communicate with UNDP and VAP in order to seek and co-ordinate necessary support and help to developing data centres</p> <p>f) To address selected IOC Member States to arrange training in data processing on board research vessels equipped with computing facilities</p>	<p>IOC</p> <p>IOC</p>	<p>Continuing</p> <p>Early 1982</p>	<p></p> <p>Done</p>
para.8.1 Rec. 9	Data Management for Climate Studies	<p>a) To establish suitable mechanisms between IOC and WMO Secretariats for mutual consultations on ocean data management problems</p> <p>b) To prepare a yearly report on the activities of the Task Team</p> <p>c) To review Manuals and Guides No.2</p> <p>d) To revise and update Manuals and Guides No.2 (interim report to IODE-XI)</p> <p>e) To prepare data management plan for ocean monitoring programme (on behalf of CCCO)</p> <p>f) To address WMO and ICES to nominate observers to the Task Team</p>	<p>IOC/Chairman</p> <p>TT Chairman</p> <p>TT Chairman</p> <p>TT Chairman/Consultant/IOC</p> <p>TT/Chairman/IOC/Consultant</p> <p>IOC</p>	<p>November 1981 and continuing</p> <p>Continuing September 198</p> <p>November 1983</p> <p>Pending programme definitions by CCCO</p> <p>December 1981</p>	<p>Done</p> <p></p> <p></p> <p></p> <p></p> <p>Done</p>

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Reference	Subject	Action Proposed	Responsible	Target Date	Action Taken
para.5.3.7 para.8.3 Rec. 10	Exchange of data on Non-renewable Resources (Minerals)	a) To review the status of existing data management systems, including inventories with regard to geological/geophysical and resource oriented data	TT Chairman	Early 1983	
		b) To review data exchange formats	TT Chairman/Chairman of GE on Format Development	Early 1983	
		c) To advise the GE on Format Development on the preparation of additional formats for standard geological sub-sets	TT Chairman	As requested	
		d) To send a consultant to Bangkok to discuss with COOP the improvement of co-operation in data management in South-East Asia and submit report with recommendations on further actions by WC/IODE	Consultant	January 1982	Done
		e) To urge Member States to provide data through WDCs to UN(OETB)	IOC/TT Chairman	Early 1982	
		f) To invite COGEODATA and other international organizations involved to nominate an observer to the TT	IOC	December 1981	Done