

SCOR WORKING GROUP 43

OCEANOGRAPHY RELATED TO GATE

Report of Chairman: G. Siedler, 15 November 1974

After the development of the proposals for a GATE Oceanographic Programme in 1973 and the planning of operational details, data management and some aspects of post-GATE activities in late 1973 and early 1974, SCOR WG 43 assisted in conducting the field operations in summer and fall 1974. Dr D. B. Ross kindly served as a SCOR WG 43 representative in Dakar, Senegal during phase III of GATE to help coordinate the oceanographic and the aircraft programme. Several SCOR WG 43 members participated actively in the field operations and the planning sessions in Dakar. It should be noted that the international cooperation during this major experiment was excellent. Although it is too early at this time to judge the results of the field experiment it can be expected that most objectives of the oceanographic field programme were achieved successfully.

According to the earlier suggested plan for post-GATE activities of SCOR WG 43 it is intended to convene the third full meeting of SCOR WG 43 in June 1975 in Southampton, UK to discuss the status of GATE oceanographic experiments and the future role of WG 43 and to suggest procedures for joint scientific analysis of the oceanographic data after the data processing phase, including workshops. The feasibility of these plans will depend critically on the availability of sufficient travel funds.

[Abbreviated reports of two meetings of WG 43 in early 1974 follow. The recommendations of these meetings are not printed because these were all directed to the operational plan for the 1974 field programme.]

Report on the Informal Meeting of the GATE Oceanographic Subprogramme jointly organized by SCOR WG 43 and the ISMG, London, UK, 26 to 28 February 1974.

1. List of participants

C. J. M. Aanensen (ISMG)	J. Merle (France)
J. Alt (France)	L. Miller (USA)
H. J. Brosin (SCOR/DGR)	M. Miyake (ISMG)
K. F. Bowden (UK)	T. de la Moriniere (ISMG)
L. Capurro (IOC)	P. S. Nery (Brazil)
R. A. Clarke (Canada)	F. Ostapoff (SCOR/USA)
J. Crease (UK)	G. Peluchon (France, OSDC)
J. Ewing (UK)	S. R. Petersen (ISMG)
C. A. Franceschini (USA)	S. G. Philander (ISMG)
K. Hasselmann (FRG)	A. Rybnikov (USSR)
H. Hoerber (ISMG)	M. Sturm (SCOR)
D. Kohnke (FRG)	R. I. Tait (UK)
E. B. Kraus (USA)	Y. Tarbeev (ISMG)
R. Kroll (FRG)	S. A. Thorpe (UK)
J. Kuettner (Director ISMG)	R. S. Williams (USA)
T. McAndrew (UK)	J. Woods (SCOR/UK)
J. Meincke (FRG)	

2. Purpose of the meeting

The purpose of the meeting was to plan the details of the field phase of the experiment, to discuss post-GATE activities, and to decide upon a course of action to resolve problems that have arisen since the October meeting in Paris.

3. GATE operations

Representatives from the following countries presented information on changes in national programmes since the October meeting in Paris: Canada, France, FRG, GDR, UK, USA, USSR. Eight recommendations resulting from the discussions were prepared for consideration in the GATE Operations Plan.

4. Post-GATE Activities

It was strongly recommended that the successful cooperation between SCOR WG 43 and the ISMG should continue. The ISMG (Oceanographic group) or its successor will continue as the implementing body within the framework of WMO and the UN; SCOR, a committee of ICSU, will continue to provide scientific advice in cooperation with IOC. Specific items that will require attention include:

1. Data management problems
2. Communication with the other Subprogrammes of GATE
3. Organization of post-GATE workshop meetings
4. Monitoring of the scientific results of GATE and identification of possible gaps in the analysis phase.

It was decided that the composition of the International Data Validation Committee should be as follows:

OSDC and ISMG:	Mr Peluchon (Chairman), M. Merle, Dr Tarbeev, Dr Miyake, Dr Philander (Secretary), Mr de la Moriniere.
USA:	Dr Williams
USSR:	Dr Filipov
SCOR:	Dr Siedler

It is understood that the representatives of the USA, USSR and SCOR may each delegate another specialist to attend specific meetings of the committee.

Report on the Informal Meeting of the GATE Oceanographic Subprogramme jointly organized by SCOR WG 43 and the ISMG, Leningrad, USSR, 25 to 27 March 1974.

1. List of participants

Dr Arshinov (USSR)	T. de la Moriniere (ISMG)
F. Baumeier (Brazil)	Dr Moroshkin (USSR)
Dr Belyaev (USSR)	Dr Myatch (USSR)
L. Capurro (IOC)	Dr Nogtikov (USSR)
Prof. Davidan (USSR)	F. Ostapoff (SCOR/USA)
W. Düing (SCOR/USA)	G. Peluchon (France, OSDC)
Dr Efimov (USSR)	S. Petersen (ISMG)
Dr Filippov (USSR)	Dr Rybnikov (USSR)
Dr I. Galindo (SCOR/Mexico)	Prof. Samoilenko (USSR)
Dr Gruzinov (USSR)	K. Schnebele (USA)
P. Hisard (France)	Dr Shiryaev (USSR)
Prof. Laghtman (USSR)	M. Sturm (SCOR/GDR)
J. Merle (France)	Dr Tyabin (USSR)
M. Miyake (ISMG)	R. Weisberg (USA)

2. Purpose and results of the meeting

Much of the time of this meeting was devoted to the exchange of information rather than solving specific problems. The previous meeting held in London in February 1974 and its recommendations were the basis of much of this meeting's discussions. The final day was devoted to a discussion and approval of eight further recommendations concerning GATE Operations and Data Management.