

November 10-November 12, 1986 (starts 9 a.m. 11/10 - noon 11/12)

ANNOTATED AGENDA

1. WELCOME

The CEOS chair rotates among members. ESA is chairing and hosting this meeting. Mr. Philip Goldsmith, Director, Earth Observation and Microgravity/ESA, will conduct this meeting, with support from Dr. Burkhard (Bob) Pfeiffer, ESA European Space Research and Technology Centre, The Netherlands

EXPECTED MEMBERS ATTENDING:

Brazil (INPE)  
 Canada (CCRS and AES)  
 ESA  
 France (CNES)  
 India (ISRO)  
 Japan (NASDA)  
 NASA and NOAA are both members

In addition, the May 1986 Economic Summit meeting of the Panel of Experts on Remote Sensing from Space recommended that CEOS pursue extension of membership to include potential providers of major instruments for polar missions and other elements of the Space Station. Therefore, the following countries will also be invited to this meeting.

FRG (BMFT and DFVLR)  
 UK (BNSC)  
 Italy (ENEA and IROE)

2. ADOPTION OF AGENDA

OPENING REMARKS - TALKING POINTS (Tab \_\_\_)

3. REVIEW OF ACTION ITEMS (From the 1984 meeting):

-Presentation on results of Berlin (referred to as "Bangkok" since preliminary meeting was to have been held there) User Assistance and Training Meeting.

ACTION: Since Germany hosted this meeting September 1-6, 1986, we suggested to ESA that FRG give report. Since there will be follow-on activity from this training meeting, we recommend that CEOS not become further involved in training activities. Overview of results of Berlin meeting included as Tab \_\_\_.

As hosts, Germany should submit the results/recommendations of that meeting to Dr. Bishop as Chairman of the Economic Summit Panel of Experts on Remote Sensing from Space for further distribution to Panel members. The German

representative at CEOS may discuss this with Dr. Bishop. In the U.S. AID has the lead role for this effort.

(Recent information from Chuck Paul of AID is that findings of Berlin meeting are to be finalized at a meeting in Munich Nov. 3-7 at which the U.S. will not be represented (!) Italy will host a follow-on meeting in early 1987 to develop recommendations.

-Country presentations on training activities.

ACTION: Under Agenda Item 6 we will give overview on (1) training NESDIS has conducted, (2) the NESDIS Five-Year Training Plan, and (3) the September 1987 Course. Additional information is included under Tab \_\_\_\_.

-Report on status of commercialization.

ACTION: Bill Bishop will address this for the United States. We will request U.S. presentation be deferred until Bill arrives.

-Each agency to include information on CEOS in newsletters or other publications.

ACTION: NESDIS has frequently done this including handouts for Foreign Science Counselor Briefings, the International Activities and Program Book publications.

-Each agency to provide other members with information about relevant regional organizations and upcoming meetings which CEOS members may wish to attend. Agencies to provide information on CEOS to relevant regional organizations in which they participate.

ACTION: JENNIFER could brief on activities of IPOMS and Economic Summit Panel of Experts on Remote Sensing from Space, including, Nov. 85 Meeting on Utilization of the Polar Platforms.

-NOAA to provide information to CEOS members on the planned (Bangkok) Berlin meeting.

ACTION: Information was included with 1984 CEOS report.

-Each agency to provide other members with the results of satellite failure analysis on relevant program.

ACTION: Satellite failure analyses are done by NASA. SOCC overview of failures and how this information is disseminated is included as Tab \_\_\_\_.

-CCRS to notify members of meeting in Canada on oceanographic satellite data use.

ACTION: Canada.

-Decision on continuation of ad hoc working groups.

ACTION: Recommendation contained under Agenda 4.

#### 4. REPORT OF CEOS WORKING GROUPS

- DATA MANAGEMENT
- INTERCALIBRATION (NOW APPARENTLY BEING CALLED SENSOR CALIBRATION AND DATA VALIDATION WORKING GROUP)

CEOS will consider, based on reports presented by Chairpersons, whether to continue these ad hoc groups. We are interested in seeing the data work of these groups continue. CEOS gives us visibility into national programs, particularly those of Japan, India, and Brazil. We will be using the data and compatibility is very important. The work of CEOS should be supported and should move ahead.

CEOS Plenary will be asked to endorse recommendations of working groups and to agree to investigate pursuing national program and budget actions to implement them.

For NOAA there are two main areas requiring funding to support these recommendations: (1) modifying software used in NOAA buoys (Cal/Val WG) to provide continuous wind data with consecutive 10-minute averaging and (2) NOAA'S capability to offer AVHRR Data in Landsat format (WGD).

If NESDIS is prepared to fund (1) and/or (2) a statement to that effect would demonstrate NOAA's intent to support CEOS working group recommendations. Funding for (1) might be shared by NESDIS and NWS or NOS. An optimistic statement, at least, would be useful.

Overviews of Working Group reports and NESDIS requests to consider funding are attached to be included as Tab \_\_\_\_\_.

#### • CURRENT AND PLANNED EARTH OBSERVATION SYSTEMS AND STATUS OF COMMERCIALIZATION (IF APPROPRIATE) (SATELLITE SYSTEMS, INSTRUMENT DEVELOPMENT, ETC.)

Both NOAA and NASA are members of CEOS. Both agencies may therefore plan presentations. Following are planned NOAA presentations:

- o Stan Schneider and Don Miller will each make presentations on Satellite Systems and Instrument Development

- o Jennifer Clapp may give presentation, either here or as separate item, on activities of IPOMS and Summit Panel.
- o Lisa Shaffer will give presentation on NOAA's Future Data Distribution Plans
- o Landsat Report and Report on Commercialization; EOSAT representative/B. Bishop

#### 6. TRAINING ACTIVITIES

Jennifer Clapp will discuss NESDIS' future training plans and briefly describe NESDIS's Five-Year International Training Plan and status of September 1987 NOAA-WMO Training Course on Satellite Applications for Tropical Meteorology and Nowcasting.

#### 7. DISCUSSION, IDENTIFICATION OF ACTIONS, AND FUTURE PLANNING

#### 8. OTHER BUSINESS

Discuss International Space Year

#### 9. DATE AND PLACE OF NEXT MEETING

CEOS will convene at least once every two years in plenary session. ESA NASA has suggested that Canada host the next CEOS in 1988 (with IFEOS being held during the same timeframe). We have no objection, although, as a backup, we understand the United Kingdom would also be interested.

BH5 CEOS 13A

LIST OF PARTICIPANTS FOR CEOS

(as of Nov. 3, 1986)

BRAZIL

TBD

CANADA

Dr. Edryd Shaw, CCRS

FEDERAL REPUBLIC OF GERMANY

Dr. Spaeth, BMFT

Mr. Rossbach

Mr. Langner, DFVLR

FRANCE

Ms. Michele Chevrel, CNES

INDIA

Dr. Y.S. Rajan, ISRO (may be replaced by an alternate)

ITALY

TBD

JAPAN

Tad Inada, NASDA Representative in Paris

UNITED KINGDOM

Mr. G. R. Thomas

Dr. D. Croom

UNITED STATES

NOAA

Dr. William Bishop

Ms. Jennifer Clapp

Mr. Stanley Schneider

Mr. Donald Miller

Ms. Lisa Shaffer

Mr. Jon Dykstra, EOSAT

NASA

Dr. Shelby Tilford

Dr. D. Brent Smith

Mr. Dixon Butler

EUROPEAN SPACE AGENCY

Dr. Phil Goldsmith (Bob Pfeiffer may chair CEOS for Goldsmith)  
Dr. Burkhard (Bob) Pfeiffer  
Mr. Guy Duchossois, Earth Observation and Microgravity Programmes  
Mr. Livio Marelli  
Ms. Valerie Hood