

# SCIENTIFIC AND TECHNICAL WORKSHOP OF THE DATA BUOY COOPERATION PANEL

Venue: Jeju, Republic of Korea  
Date 15-16 October 2007

The Scientific and Technical Workshop preceding the annual Data Buoy Cooperation Panel (DBCP) meetings has become an important forum for stimulating discussion among data buoy operators, designers, and data users. The twenty-third session of the DBCP (DBCP-XXIII) will be hosted by the National Oceanographic Research Institute (NORI) of the Ministry of Maritime Affairs and Fisheries, Republic of Korea, in the conference room of Jeju Grand Hotel, Jeju, Republic of Korea, and will begin Monday, 15 October 2006 and end on Friday, 19 October. Full details of arrangements for DBCP-XXIII will be forthcoming in a separate mailing.

## 1. PURPOSE OF THE WORKSHOP

The interest and participation of oceanographic and marine meteorological experts in the activities of the DBCP continues to increase each year. The DBCP Scientific and Technical Workshop precedes the meeting, will begin Monday, 15 October 2006 and end around lunchtime on Tuesday, 16 October. It presents an ideal opportunity for scientists, operators, and manufacturers to relate their experiences, to exchange knowledge, and to build on or learn from the innovations, developments and good practices of their peers.

## 2. WORKSHOP THEMES

2.1 REGULAR THEMES. The regular themes of the Workshop are:

- Technology Demands and Developments – demands for enhanced observations collection technology; innovations or developments in related marine observation systems; developments in buoys / instruments (e.g. wave measurements).
- Operational Practices and Enhancements – evaluation or analysis of operational performance or trials; data communications and data assimilation; performance and efficiency benchmarking; new systems and practices;
- Applications of Collected Data – research and operational data applications; case studies.

2.2 SPECIAL FOCUS. In addition to the regular themes, this year's workshop will have a major focus on "National Practices of Data Management and Communications." Topics of interest are:

- Instrument quality assurance – National practices regarding instrument calibration and quality evaluation, and on-board data processing.
- Data processing and observation quality control – Shore data processing and quality control techniques.
- Metadata standards – Instrumental metadata (siting, characteristics) and their availability and use; metadata profiles for data discovery.
- Data dissemination and satellite data telecommunication – Data distribution systems via national and/or international gateways, data formatting, satellite data telecommunication systems and their developments; DBCP drifter Iridium Pilot Project.

Material presented at the Workshop may be sourced from any part of the globe, but topics of relevance to the host region are particularly welcomed.

### **3. WORKSHOP FORMAT**

3.1 The Workshop will begin following the official opening of DBCP-XXIII at approximately 0915 hours on 15 October 2007, and will continue until approximately 1300 hours on 16 October. Each presentation will be allocated twenty minutes, which includes five minutes for questions and discussion. Any presenter requesting any change to this format should do so at the time of submitting the paper abstract.

3.2 A laptop PC with projector, as well as overhead projector for viewgraphs, will be provided. Special audio-visual requirements should be communicated to the Workshop Coordinators when the abstract is submitted.

### **4. SUBMISSION OF ABSTRACTS AND PAPERS AND PRESENTATION MATERIALS**

4.1 Those of you interested in making presentation at the workshop are invited to provide Ken Jarrott and Bill Burnett with summaries of your presentations before 31 July 2006. After consideration of the abstracts, the Workshop Coordinators will notify presenters of their acceptance, and will invite the submission of full papers, along with a draft presenter schedule. Full papers will be required by 16 September. Full texts of all presentations will be published in early 2007 on CD-ROM in the Workshop proceedings.

4.2 As a guide, abstracts should be of no more than 200 words, indicating the nature of the presentation or paper, and its key findings or significance. An abstract of all presentations is required for inclusion in the programme.

4.3 The contact details for the Workshop Coordinators are:

Mr William Burnett  
National Data Buoy Center  
National Weather Service, NOAA  
1100 Balch Blvd.  
STENNIS SPACE CENTER, MS 39529-5001  
E-mail: [bill.burnett@noaa.gov](mailto:bill.burnett@noaa.gov)

Mr Ken Jarrott  
Head, Observation Systems Section  
Australian Bureau of Meteorology  
GPO Box 1289K Melbourne  
VIC 3001 AUSTRALIA  
E-mail: [K.Jarrott@bom.gov.au](mailto:K.Jarrott@bom.gov.au)

4.4 The Workshop Coordinators will notify presenters well in advance of the meeting of any variations to the presenter schedule or time allocation.

4.5 To minimize idle time at the Workshop, participants making presentations using electronic media should provide their presentation in PowerPoint format via e-mail or CD ROM to the Workshop Coordinators no later than close of business on Friday 28 September 2007.

### **5. DETAILS OF VENUE HOTELS AND TRANSPORTATION**

5.1 Details regarding the venue, hotels, transportation, etc., will be sent to all nominated participants well in advance of the Workshop. All Workshop participants are welcome to participate in the subsequent session of the DBCP.

**Please note that no external funding is available for participant support for the Workshop or DBCP session.**

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