

APPENDIX A

INTERGOVERNMENTAL OCEANOGRAPHIC
COMMISSION (OF UNESCO)

DATA BUOY COOPERATION PANEL

TWENTY-NINTH SESSION

PARIS, FRANCE
23-27 SEPTEMBER 2013

WORLD METEOROLOGICAL ORGANIZATION

DBCP-29/ Doc. 8.1
(4-Sep-13)

ITEM: 8.1

ENGLISH ONLY

REPORT ON THE PILOT PROJECT ON THE IMPACT OF SLP FROM DRIFTERS ON NWP

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Summary and purpose of the document

This document provides information on progress regarding the DBCP Pilot Project on the impact of Sea Level Pressure (SLP) from drifters on Numerical Weather Prediction (NWP).

ACTION PROPOSED

The Panel will review the information contained in this report and comment and make decisions or recommendations as appropriate. See part A for the details of recommended actions.

Appendices: A.

-A- DRAFT TEXT FOR INCLUSION IN THE FINAL REPORT

8.1.1 A scientific paper describing the outcomes of the DBCP workshop on the Evaluation of the Impact of Sea Level Atmospheric Pressure (SLP) Data Over the Ocean from Drifting Buoys on Numerical Weather Prediction (NWP), Sedona, Arizona, USA, 21 May 2012, is being prepared.

8.1.2 Dr. Luca Centurioni requested three bids from ECMWF, MeteoFrance, and the UK Met Office to contract impact studies and OSEs to:

- plan a series of impact studies and OSE with Dr. Luca Centurioni of the Scripps Institution of Oceanography;
- Investigate the correct norm to use for impact studies of the air pressure data from drifters
- Run forecast sensitivity studies;
- Run OSE specific for drifters to simulate various “thinning” scenarios;
- Consult with Dr. Centurioni on the scientific interpretation of the results;
- Work with Dr. Centurioni to publish the findings in a peer-reviewed journal;

Only two of the three agencies sent a proposal. The proposal from ECMWF was to WMO recommended for funding.

To date, no funds have been released in support of this project. It is recommended that WMO releases the funds at soon as possible.

Error! Reference source not found..6 The meeting made the following recommendations:

- (i.) Rec1;

Error! Reference source not found..7 The meeting decided on the following action items:

- (i.) Action1 (**action; by; deadline**);