

IVAD Progress Workshop – 13 June 2014

Agenda: 2 June 2014

This in-depth, one-day workshop provides an open forum to explore the progress and lower-level technical issues associated with the International Comprehensive Ocean-Atmosphere Data Set (ICOADS) and its Value-Added Database (IVAD). The primary focus will be data flows, software, and other technical issues surrounding the International Maritime Meteorological Archive (IMMA) format¹, its linkage with the IVAD database, and participations with external data providers. The IVAD team seeks to clarify the current status and define the next steps to attain an operational IVAD system. Introductory presentations will be followed by workshop open discussion. Agenda topics include IVAD prototype status, IMMA format and related IVAD changes, current and collaborative software development, review of physical parameter libraries, and the IVAD system and services as a development component for ICOADS.

Meeting Agenda

- 0) Introduction
 - a) Working arrangements
 - b) Terminology

- 1) IVAD progress
 - a) Status of prototypes
 - b) Status of submission/extraction from IVAD database system
 - c) Exercising IVAD – Pseudo-flux testing

- 2) IVAD discussion topics
 - a) NCAR database system
 - b) Prototype questions

- 3) Adding new records to ICOADS
 - a) UID management and assignment
 - b) How to submit new data (IMMA1 or IVAD)

- 4) IMMA format topics
 - a) Proposal for a higher-level “how to” manual for translation into IMMA format, tentative chapters

- 5) Future capabilities for ICOADS and IVAD
 - a) Collaborative software development
 - b) Management and access to user provided records linked to UIDs

- 6) IVAD administration
 - a) Sustaining support for IVAD
 - b) New prototypes
 - c) Working group under ICOADS Steering Committee terms of reference

¹ For reference, long and short versions of the IMMA0 (version 0) documentation are available at <http://icoads.noaa.gov/e-doc/imma/>, and planned revisions for IMMA1 at <http://icoads.noaa.gov/ivad/documents.html>