

ARCS PROCEDURE: Author: W. Porch	TWP BALLOON-BORNE SOUNDING SYSTEM MAINTENANCE	PRO(BBSS)-003.001 July 20, 1998 Page 1 of 1
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TWP Balloon-Borne Sounding System Maintenance

I. Purpose:

This procedure describes the steps performed by the RESET team to maintain the Balloon-Borne Sounding System (Vaisala DigiCORA II MW15) at the TWP ARCS-1 site.

II. Cautions and Hazards:

- Follow electrical safety procedures. Minimize the potential for operating the BBSS while powered.

III. Requirements:

- Operating DigiCORA.
- Battery replacement for DigiCORA internal battery.
- Clean Rag.
- Silicon Grease.

IV. Procedure:

A. Steps:

1. Replace DigiCORA internal battery every RESET visit (see Users Guide Page 47 below).
2. Clean the exterior of DigiCORA every other RESET visit (see Users Guide Page 47 below).
3. Place silicon grease on exterior antenna connections every RESET visit.

V. References:

1. "DigiCORA II MW15 User's Guide," Vaisala MW15-U110en-1.5, 11 April 1997.

VI. Attachments:

None.