

RTCA Special Committee 186, Working Group 3

ADS-B 1090 MOPS, Revision A

Meeting #15

**Proposed Changes to Test Procedures
To Correct Directional Problems**

Presented by Robert Saffell

SUMMARY

Upon careful review of the test procedures in DO-260A, I have discovered several problems with direction of travel across the International date line. This Working Paper attempts to correct those errors.

DO-260A Required Changes for Estimation Testing

2.4.3.2.3.8.2.1

- Step 1: a, Second Line**
Change “-0.0625 degrees EAST” –to- “0.0625 degrees EAST”
- Step 5: Third Line after the Note**
Change “0.0625 degrees EAST” –to- “0.0625 degrees WEST”
- Step 7: Third Line after the Note**
Change “179.9375 degrees EAST” –to- “179.9375 degrees WEST”
- Step 9: Third Line after the Note**
Change “179.9375 degrees WEST” –to- “179.9375 degrees EAST”

2.4.3.2.3.8.2.2

- Step 1: a, Second Line**
Change “-0.0625 degrees EAST” –to- “0.0625 degrees EAST”
- Step 5: Third Line after the Note**
Change “0.0625 degrees EAST” –to- “0.0625 degrees WEST”
- Step 7: Third Line after the Note**
Change “179.9375 degrees EAST” –to- “179.9375 degrees WEST”
- Step 9: Third Line after the Note**
Change “179.9375 degrees WEST” –to- “179.9375 degrees EAST”

2.4.3.2.4.8.2.1

- Step 1: a, Second Line**
Change “-0.0625 degrees EAST” –to- “0.0625 degrees EAST”
- Step 4: Third Line after the Note**
Change “0.0625 degrees EAST” –to- “0.0625 degrees WEST”
- Step 6: Third Line after the Note**
Change “179.9375 degrees EAST” –to- “179.9375 degrees WEST”
- Step 8: Third Line after the Note**
Change “179.9375 degrees WEST” –to- “179.9375 degrees EAST”

2.4.3.2.4.8.2.2

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Change “-0.0625 degrees EAST” –to- “0.0625 degrees EAST”
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