

RTCA SC-186
STP Ad Hoc Subgroup
Status

Don Walker, Honeywell, Co-Chair

Rich Jennings, FAA, Co-Chair

January 13-15, 2009

STP Ad Hoc Subgroup

- Held 3 face-to-face meetings and 2 teleconferences.
- Agreed on Definition of Latency Terms.
- Tom Pagano and Ian Levitt presented a strawman proposal for addressing Latency requirements.
- Mike Castle reported that 600 ms of uncompensated latency did not adversely affect the separation standards work.

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- Latency from the Position Sensor Time of Applicability to the Time of Transmission shall be less than 1.5 seconds.
- Open question of whether backup sources must comply with 1.5 second requirement.

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- DO-302 STP MOPS content was primarily allocated to NAV AC TBD # and ADS-B AC TBD # captured in a matrix by Gary Furr.
- A handful of items were allocated to DO-260A Change 3.
- Group goal of allocating DO-302 content accomplished. No further meetings required.

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- FAA Nav Representatives need to address what can be done with vertical accuracy and integrity metrics akin to what Barbara Clark did with the GNSS Velocity Accuracy.
- In the absence of certifiable path for use of vertical quality metrics, the plenary was asked to consider removing the vertical requirements from all NIC and NAC_P quantizations. This task was given to WG-3 as part of the “Change 3” process.