

GOVERNMENT/INDUSTRY AERONAUTICAL CHARTING FORUM 04-01

April 28-April 29, 2004

Recommendation Document

Subject: Depicting Required DME Facilities on Q Route Segments

Background/Discussion: RNAV Routes ("Q Routes") that are approved for DME/DME navigation will identify required DME facilities for each route segment when the DME evaluation tool identifies that such essential facilities exist. When a required DME is NOTAM'd out of service, users must be able to identify Q route segments that are supported by such facilities. These Q route segments will not be available to DME/DME users for the duration of the NOTAM.

Recommendations: In the IFR Enroute Charts Legend "Air Traffic Services and Airspace Information block", change current RNAV route note text from: "GNSS and Radar monitoring required. DME/DME RNAV N/A." to: "Radar monitoring required. Non-GNSS (DME/DME RNAV only) see A/FD."

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04-01 MEETING: Mr. Hooper Harris, AFS-410, submitted this issue. RNAV Routes Q Routes that are approved for DME/DME navigation will identify required DME facilities for each route segment when the DME evaluation tool identifies that such essential facility exist. AVN-410 stated that Q Routes are currently GPS only. In August 2004, these routes will be approved for DME/DME use. Mr. Brad Rush, AVN-101, stated that the -16 will identify the critical DMEs. There may be critical DMEs if there are 5 or less available DME within a route segment. These critical DMEs will be added to the A/FD. He also stated that when there is a change to the DME the -16 will be modified/updated. It was stated that when a required DME is out of service, users must be able to identify route segments that are supported by these facilities. The DME must be NOTAM'd out of service and these route segments will not be available to DME/DME users for the duration of the NOTAM. Ms. Valerie Watson, ATA-130, stated that the current NOTAM system would not support enroute DME out of service information. DME NOTAMs are currently only available for IAP support. Ms. Watson stated that the current NOTAM system would need to be modified to support the NOTAM of these critical DMEs. ACF discussions led to the consensus to modify the note on the IFR Enroute Chart Legend. Recommendation was made to change the current RNAV route note from "GNSS and Radar monitoring required. DME/DME RNAV N/A" to read "Radar monitoring required. Non-GNSS (DME/DME RNAV only) see A/FD." AFS-410 will provide revised phraseology for the A/FD lead in paragraph. **ACTION:** AFS-410, ATA-130.

04-02 MEETING: Mr. Dick Powell, Aeronautical Information Services, provided the following update. DME/DME/IRU MEAs were published on the High Altitude Enroute Charts for three Q routes for the 30 September 04 effective date. The associated critical DME information was published in the A/FD. An additional seven Q routes had DME/DME/IRU MEAs published effective for 25 November 04. The MEAs were published in Part 95 and critical DME facilities were published in the NFDD. NACO sent out a Charting Notice to its users. **CLOSED**
