

GNSS Study Group activities

1. The AFI GNSS Study Group held its Eleventh Meeting from 13 to 14 June 2000 in Nairobi.
2. The meeting agreed to participate in an EGNOS-wide cost/benefit analysis study led by Eurocontrol. The results would be presented at the next meeting
3. the meeting discussed the new arrangements in the EGNOS programme and the approach to the implementation of the AFI EGNOS test bed. It transpired that a GNSS test bed could be viewed from two points.
 - a) As a demonstration tool of the capabilities of augmented satellite navigation. This phase would be a short-term exercise.
 - b) As a planning, development and validation tool for the implementation of an operational satellite navigation infrastructure.
4. The meeting was of the view that there was not much benefit to be derived from a demonstration-only test bed and therefore, based on the need to implement the AFI GNSS strategy adopted at APIRG/12, agreed to work towards a planning, development and validation test bed. It was pointed out that demonstrations could be organized on an ad-hoc basis, if offered by the providers of augmentation systems.

Provision of an APV-I capability in the AFI Region.

5. The meeting agreed that for this objective, it was necessary to involve the ATS providers of the AFI States which have been identified in the Phase II Report as locations of ground infrastructure components required for the provision of APV-I capability in the AFI Region.
6. The meeting agreed that, as a first step, the two providers which are members of the study group (ASECNA and ATNS) should be invited to establish contact with the EGNOS Operators and Infrastructure Group (EOIG). The objectives of such contacts would be to define institutional and working arrangements for the implementation of APV-I, within the framework the AFI GNSS of strategy and report at the next meeting of the study group
7. The twelfth meeting of the GNSS Study Group is planned from 28 February to 1 March 2001, in Nairobi. The meeting is expected to:
 - a) review the EGNOS cost/benefit analysis for the AFI region;
 - b) further its work on the test bed, with the AFI ATS providers;
 - c) update the AFI GNSS strategy;
 - d) prepare guidance material for airworthiness and operational approval of GNSS by States; and
 - e) include GNSS planning into the AFI FASID.
