

**AERONAUTICAL MOBILE SERVICE (AMS) STRATEGY FOR
THE ASIA/PAC REGION**

The AMS strategy for the Asia/Pac Region is to:

- a) ensure that all communications are provided within the Aeronautical Mobile (R) Service - AM(R)S and the Aeronautical Mobile Satellite (R) Service -AMS(R)S;
- b) retain the VHF voice service as the primary medium for air ground communication;
- c) supplement voice communication with data-link Flight Information Service (DFIS) applications including D-VOLMET, D-ATIS and DCL to reduce congestion of the VHF spectrum, reduce workload, and enhance safety;
- d) retain 25 kHz as the minimum channel spacing in the band 118 – 136 MHz;
- e) use the frequency band 136 – 137 MHz exclusively for the air-ground VHF data-link applications;
- f) use CPDLC to provide DCPC for more efficient communication and enhanced ATM;
- g) retain HF voice for communication in areas where VHF coverage is not available;
- h) provide satellite voice (SATVOICE) where appropriate. States providing SATVOICE service should publish relevant details in their AIP;
- i) plan for enhanced AM(R)S and AMS(R)S applications within a performance-based communication and surveillance (PBCS) framework.
- j) plan and implement new communication technologies and applications to meet the demands of aviation in the ASIA/PAC Region with the involvement of all stakeholders and taking account of costs and benefits; and
- k) protect all radio frequency bands allocated for AM(R)S and AMS(R)S.
