

2.3 The reduction of longitudinal separation in the Atlantic FIR will promote greater availability in the airspace, mainly for situations in which the performance of the ITCZ (Intertropical Convergence Zone) causes large deviations in certain areas of the FIR, impacting the sectors responsible for the traffic demands coming from the EUR-SAM Corridor. The study looks for viable solutions that make it possible to implement, in specific airspaces, gradual reductions in the longitudinal separation, between the traffics flying in the FIR-AO, for 50NM, 5 MIN or 30NM, in accordance with ICAO Doc 4444.

2.3 With the implementation of the reduction of the longitudinal separation in the Brazilian oceanic airspace, it is expected to perceive the following benefits:

- Increase airspace capacity;
- Increase in the availability of flight levels more appropriate to the capability of the aircraft;
- Increased air traffic flow;
- Reduction of the emission of gases in the atmosphere with the availability of higher levels appropriate to the performance of aircraft; y
- Decrease in fuel consumption with the accommodation of aircraft at more economical flight levels;

3. **Suggested actions**

3.1 The meeting is invited to take note on the information presented.
