

Making skies a safer place



ATCEUC LISBOA 2011

40th ATCEUC
Meeting Lisboa
2011
13/15 October



Making skies a safer place

EASA ATM 001 – WG06 – Human Factors

Specific requirements for the provision of ATS

ATCEUC
LISBOA
2011

10th ATCEUC
Meeting Lisboa

2011

13/15 October



Making skies a safer place

Safety Management System to deal with fatigue and stress

ATCO's rostering System

- Maximum hours per duty
- Maximum consecutive working days with duties
- Maximum consecutive ATCO duty periods encroaching WOCL – window of circadian low
- Minimum rest period
- Minimum rest period after na ATCO duty period encroaching WOCL
- Ratio of duty periods to break
- Maximum time providing ATC service without breaks



Making skies a safer place



- **Two options**

ATCEUC
LISBOA
2011

40th ATCEUC
Meeting Lisboa
2011
13/15 October



Making skies a safer place

- **Option 1**

IR	ATCEUC AMC proposals	EASA
Maximum hours per duty periods	10 hours	8h extended to 12h*
Max. Consec. Work. days	4 extend. to 5	5. Could be ext. to 6
Max. ATCO duty periods Encroaching WOCL	1day	2 followed by at least 48h rest period
Minimum rest period after a duty period	11hours	Not less than 11h
Minimum rest period after a duty encroaching WOCL	36 hours	30 hours (48 hours after 2 periods)
Breaks within a duty period		Minimum 30 min
Maximum time providing ATC		2hours reduced to 90min Working with visual display

Making skies a safer place

- **Option 2**

No AMCs with figures are proposed for Article 4.7.6 in Option 2, as the duration or quantity of such elements shall be established by a safety risk assessment to be performed at ATC unit level.

4.7.7 The ATC service provider shall establish limits as in 4.7.6 provided that they are validated with a safety risk assessment with reference to stress and fatigue. These limits shall not exceed other applicable legal obligations as regards working time limitations.

4.7.8 The ATC service provider shall establish a mechanism for the continuous involvement of representatives of the two sides of the industry (ANSP and staff representatives) in the safety risk assessment, according to 4.7.7.

2011



Making skies a safer place



- Thanks

ATCEUC
LISBOA
2011

Questions and Answers

40th ATCEUC
Meeting Lisboa
2011
13/15 October

