



DFS Deutsche Flugsicherung

**BUNDESREPUBLIK DEUTSCHLAND  
FEDERAL REPUBLIC OF GERMANY**

DFS Deutsche Flugsicherung GmbH (German Air Navigation Services)

Büro der Nachrichten für Luftfahrer (Aeronautical Publication Agency)

Am DFS-Campus 10 · 63225 Langen · Germany

Tel. + 49 (0) 6103 707 - 12 71/1272 · Fax + 49 (0) 6103 707 - 12 96

<http://www.dfs-service.de> · e-mail: [buerlo.nfl@dfs.de](mailto:buerlo.nfl@dfs.de)**AIC IFR**

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1 SEP 05

**8.33 kHz CHANNEL SPACING ABOVE FL 195  
IN THE ICAO EUR REGION EFFECTIVE 15 MARCH 2007****1 INTRODUCTION**

1.1 This AIC provides advanced notification to airspace users in respect of the implementation of 8.33 kHz channel spacing above FL 195 in the ICAO EUR region.

1.2 The mandatory carriage and operation of 8.33 kHz channel spacing capable radio equipment above FL 245 in the ICAO EUR Region came into effect on 7th October 1999. Currently, 30 States enforce the mandatory carriage of 8.33 kHz radio equipment above FL 245 in their airspace.

1.3 The demand for VHF assignments in the aeronautical mobile radio communication service band 118 to 137 MHz continues to grow due to:

- a) The creation and modification of ATC sectors;
- b) The creation and modification of air traffic services such as approach, tower and ATIS;
- c) The provision of backup services and avoiding interference;
- d) The provision of aeronautical operational control (AOC) services;
- e) Accommodating VHF Digital Link services in the band 136.600 to 137 MHz.

1.4 In response to the increasing VHF frequency congestion, the ICAO European Air Navigation Planning Group 44 meeting, held in December 2002, decided to proceed with a phased approach to 8.33 kHz vertical expansion below FL 245.

**2 IMPLEMENTATION OF 8.33 KHZ ABOVE FL 195 IN THE ICAO EUR REGION**

2.1 The Eurocontrol Member States have supported a recommendation to implement 8.33 kHz channel spacing above FL 195 in the ICAO EUR Region with a carriage date of 15 March 2007, and to amend their respective national legislations before the end of 2006 (Permanent Commission Recommendation No. 05/06). The corresponding amendment to ICAO Doc 7030 is expected before end 2005.

2.2 Eurocontrol has developed an implementation plan for 8.33 kHz above FL 195 in the ICAO EUR Region. The plan foresees that initially France and UK will implement 8.33 kHz channels in their airspace above FL 195, and that other States may implement at a later date. Importantly, the plan also foresees that in order to create a homogeneous area of operations, the mandatory carriage of 8.33 kHz radio equipment above FL 195 is enforced in all those States that enforce mandatory carriage above FL 245.

2.3 A revised 8.33 kHz policy for State aircraft has been approved by the Eurocontrol Civil-Military Interface Standing Committee. The policy aims to maximise the 8.33 kHz equipage of "transport-type" State aircraft, and for new aircraft procurements and planned retrofits.

**3 IMPLEMENTATION OF 8.33 KHZ ABOVE FL 195 IN GERMANY**

3.1 In Germany the Mandatory carriage and operation of 8.33 kHz channel spacing capable radio equipment for aircraft operating as GAT above FL 195 has an effective date of the 15th March 2007.

#### 4 EQUIPAGE RECOMMENDATIONS

It is recommended that:

- 4.1 Airspace users note the date and prepare for 8.33 kHz mandatory carriage above FL 195.
- 4.2 Given that further phases of vertical expansion below FL 195 are under consideration, all airspace users equip with 8.33 kHz capable radio equipment where new aircraft are purchased, or where the replacements of existing radios are planned.

#### 5 FURTHER INFORMATION

Further information on the policy, planning and implementation of 8.33 kHz spaced channels in Germany can be obtained from:

DFS Deutsche Flugsicherung GmbH  
CC/FPK - Operational ATM Systems  
Concepts and Future Developments  
Am DFS-Campus 10  
63225 Langen  
Fax: +49 (0)6103 707-1195  
E-mail: 8.33@dfs.de

General information on the 8.33 kHz Programme - policy, planning and co-ordination of 8.33 kHz channel spacing implementation can be obtained from:

8.33 kHz Programme Support Office  
EUROCONTROL, Rue de la Fusée, 96, B - 1130 Brussels, BELGIUM  
Tel: +32 (2) 729 3350 / 3044 / 3491,  
Fax: +32 (2) 729 4655,  
E-mail: 8.33@eurocontrol.int