

Deviation Request #113 for an ETSO approval for CS-ETSO applicable to Aeronautical Mobile High Frequency Data Link (HF DL) Equipment (ETSO-C158) Consultation Paper

1 Introductory Note

The hereby presented deviation requests shall be subject to public consultation, in accordance with EASA Management Board Decision No 7-2004 as amended by EASA Management Board [Decision No 12-2007](#) products certification procedure dated 11th September 2007, Article 3 (2.) of which states:

“2. Deviations from the applicable airworthiness codes, environmental protection certification specifications and/or acceptable means of compliance with Part 21, as well as important special conditions and equivalent safety findings, shall be submitted to the panel of experts and be subject to a public consultation of at least 3 weeks, except if they have been previously agreed and published in the Official Publication of the Agency. The final decision shall be published in the Official Publication of the Agency.”

2 Deviation Requests

2.1 ETSO-C158#1 Aeronautical Mobile High Frequency Data Link (HF DL) Equipment

2.1.1 Summary of Deviation

Deviates from Radio Technical Commission for Aeronautics (RTCA) Document DO-265, Minimum Operational Performance Standards for Aeronautical Mobile High Frequency Data Link (HF DL)”, dated 14/12/2000 by implementing Data-2 Direct Link Service (DLS) Protocol only.

2.1.2 Original Requirement

RTCA DO-265

§ 2.2.5.2 Packet-Mode Data-3 Service Requirements

(...)

§2.2.5.4.2 Data-3 Requirements

The minimum requirements for Data-3 packet-mode data service are specified in Section 2.2.5.2.

§2.2.5.4.3 Join and Leave Event Requirements

(...)

§2.4.19.1 Data 3/ATN/ISO-8208 Interfaces (Sections 2.2.5.2, 2.2.5.4.2)

(...)

2.1.3 Industry

The HF DL Ground Service Providers do not provide Data-3 and Link Layer Reliable Service (RLS) functions.

2.1.4 Equivalent Level of Safety

An Equivalent of Safety is provided by the absence of ground infrastructure providing this service and by a limitation not to use this service in the installation manual.

2.1.5 EASA position

We accept the deviation.