



Working Party 8B2A

DRAFT CPM TEXT FOR CHAPTER 1

1.3 Agenda item 1.5:

“to consider spectrum requirements and possible additional spectrum allocations for aeronautical telecommand and high bit-rate aeronautical telemetry, in accordance with Resolution 230 (WRC- 03)”

1.3.1 Summary of technical and operational studies, including a list of relevant ITU- R Recommendations

1.3.1.1 Introduction

This agenda item seeks to address a growing demand in spectrum allocated for aeronautical mobile telemetry and telecommand. As indicated in the responses to ITU- R Question 231/8, additional spectrum is necessary due to rapidly increasing data rates associated with the testing of new and emerging technologies. For example, newer technologies rely increasingly on high resolution video for monitoring aircraft functions or increased use of computer based aircraft systems. Without access to additional spectrum, aeronautical development could be subject to escalating delays and costs.

1.3.1.2 Spectrum required to satisfy justified wideband aeronautical mobile telemetry requirements and associated telecommand above 3 GHz

[Note for the next WP 8B meeting – Preliminary requirements were presented in Documents 8B/27 and 8B/30 and need further consideration.]

[To be completed]

1.3.1.3 Review, with a view to upgrading to primary, of secondary allocations to the mobile service in the frequency range 3- 16 GHz for the implementation of wideband aeronautical telemetry and associated telecommand

[To be completed]

1.3.1.4 Possible additional allocations to the mobile service, including aeronautical mobile, on a primary basis in the frequency range 3- 16 GHz for the implementation of wideband aeronautical telemetry and associated telecommand

[To be completed]

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1.3.1.5 Designation of existing mobile allocations between 16 and 30 GHz for wideband aeronautical telemetry and associated telecommand

[To be completed]

1.3.1.6 Studies to facilitate sharing between aeronautical mobile telemetry and the associated telecommand, on the one hand, and existing services, on the other hand

[To be completed]

1.3.2 Analysis of the results of studies

[To be completed]

1.3.3 Methods to satisfy the agenda item and their advantages and disadvantages

[To be completed]

1.3.4 Regulatory and procedural considerations

[Note for the next WP 8B meeting – Further discussions are needed about the necessity for definitions for aeronautical telemetry and aeronautical telecommand (see Document 8B/30) and, if so, to agree upon such definitions.]

[To be completed]
