CGMS-XXX EUM-WP-13 Prepared by EUMETSAT Agenda Item: I/1 Discussed in WG I

PASSIVE SENSORS USING FREQUENCY BANDS HIGHER THAN

275 GHZ

During CGMS XXIX in Capri (Italy) EUMETSAT has presented results of a study justifying the request to ITU to expand the present "Table of Frequencies" in the Radio Regulations to include frequencies up to 1000 GHz.

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CGMS issue action 29.16 requested members to provide information on planned passive sensors using frequency bands above 275 GHz on future meteorological satellite systems. Only few replies were received by the CGMS secretary.

EUMETSAT has introduced the study on the needs of EESS in the band 275 – 1000 GHz into CEPT and ITU. The study shall serve as a starting point on the modifications to the Radio regulations and shall support the necessity to maintain the agenda point for WRC-2006.

Presently there is some support to keep the item on the agenda for WRC-2006. Some resistance from active services is experienced. This is due to the fact that such services have no firm plans to use the spectrum and would like to keep the table of frequencies in the band 275 - 1000 GHz open as long as possible.

It will be required that CGMS members will actively support the requirement to keep this item on the agenda of WRC-2006.