

Future Geostationary Meteorological Satellite Systems

FUTURE GEOSTATIONARY METEOROLOGICAL SATELLITE GOMS/Electro N 2

Summary and purpose of document

This working paper presents the state of art of GOMS/Electro N 2 satellite preparation

Action

No action required

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The GOMS/ELECTRO N 2 spacecraft is presently on an integration stage.

Payload and mission are similar to those of GOMS/ELECTRO N 1. The spacecraft will rely on 3-axis stabilized platform carrying as core payload BTVK imager of VIS and IR range (in atmospheric window and in 6.7 μm water vapor absorption band) as well as meteorological communication package (DCS and ensemble of retransmitters).

The satellite is planned to be launched by the PROTON vehicle in 2003 and to be placed into geostationary orbit at 76° E.