

MTG-S1 and MTG-I2 Status Update

60th STG Operations Working Group
10-11 September 2026

Item 6.1

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Subject	MTG-S1 and I2 Status Update
Action Proposed	Decision/Consideration/ <u>Information</u> /Recommendation
Abstract	This presentation gives a status update on MTG-S1, covering its journey from launch through LEOP and the execution of Commissioning. It also outlines the roadmap leading up to the MTG-I2 launch.
Views of other EUMETSAT Bodies	-/-
Decision proposed	STG-OPSWG is invited to note.
Cost implications	-/-
Reference documents	-/-



MTG-S1 Status

Status of Commissioning

MTG-I2 Status

Roadmap to launch



MTG-S1 Status

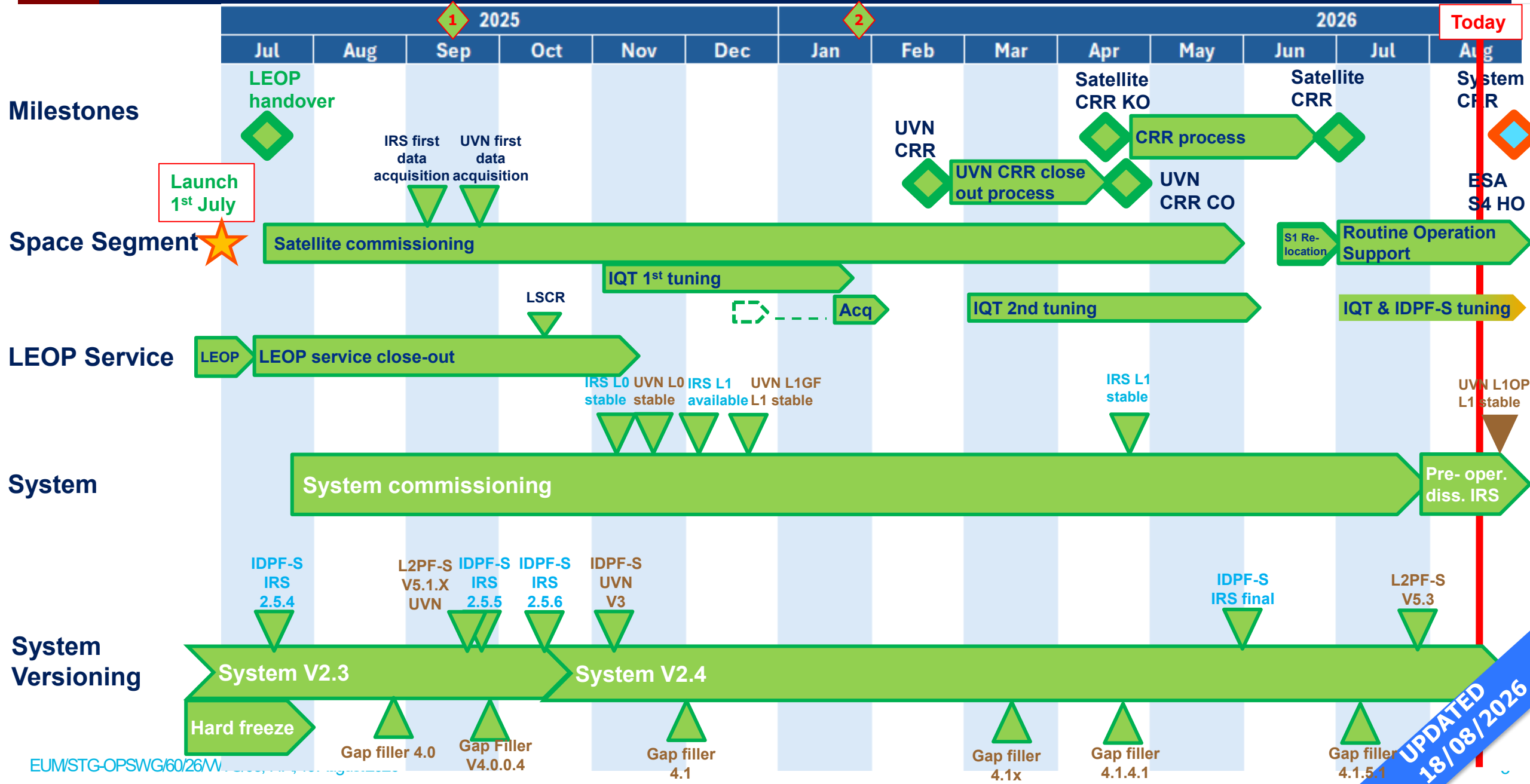
Status of Commissioning

MTG-I2 Status

Roadmap to launch



MTG-S1 roadmap



- **MTG-S1 satellite**
 - Satellite responsibility handed over from ESA to EUM after successful satellite Commissioning Results Review (CRR) on 2 July
 - Satellite on final operational position at 0° - operations nominal
- **MTG-S1 System Commissioning**
 - Platform
 - All nominal
 - EW-NS Station keeping manoeuvre successfully performed on 28 July
 - RF test with MTG-I1 for dual TM/TC from one TTC antenna show positive results
 - IRS
 - In nominal operations
 - Successful upload of Detector Chain Setting Optimisation Tool (DCSOT) Sub-pixel deselection and Data Processing Unit (DPU) Expertise Mode for Non-linearity Characterisation
 - Pre-operational dissemination to all users of IRS L1 started on 30/07
 - UVN
 - In nominal operations
 - Special scans ongoing and planned for further characterisation of the instrument on the new position
- **System and Ground Segment activities:**
 - As an outcome of the CRR, a final Image Navigation and Registration (INR) tuning is agreed to be performed in parallel on IDPF-S and IQT
 - Level 1 processing for IRS with IDPF-S 3.4.3 on OPE providing several improvements
 - S4/UVN Level 1 processing
 - Responsibility and production has been transferred from ESA to EUM with Gap filler version 4.1, L1 data is regularly provided to L2OP consortium and CALVAL
 - IDPF-S UVN L1OP is operated in parallel

MTG-S1 Status

Status of Commissioning

MTG-I2 Status

Roadmap to launch





MTG-I2 roadmap to Launch

Milestones

Space Segment

LEOP Service

Commissioning preparation

OSV#38

OpsPrep

GS Upgrade

Today

2026

2027

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

LORR-I2 Colocation

Consent to ship

Launch period : 3 months

Launch slot 1 month

Yaw flip

CRR & SCRR

Final Functional Test and SVT

CATR and background activities

Fin. prep.

Ship ping

Sat. storage

Stand alone

Fuelling+ combined OPS

Satellite

Christmas Freeze

commissioning

SVT

FAR

SVT-I2-v3 execution

flight OPS validation

LSRR-I2

LEOP Sim & GSN data flow tests

LSR-I2 & pre-launch prep

LEOP

Close-out activities + LSCR

WS #4+5

WS #LI

[COMTIM] V1

[COMTIM] V2

[IOIP] Preparation

MTG-I2 Timelines consolidation

MTG-I2 Timelines consolidation

Sched V3

Sched V4

TSPE and Procedure preparation

Dry run

Execution

Rehearsal

Delta Execution

OSV Campaign

Rehearsal

System V3.1 (corrective maintenance)

System

Christmas Freeze

commissioning

Freeze

Christmas Freeze

MOF 3.2: VAL

OPE

BSCC

- Launch Service
 - Launch date confirmed for 27 August 2026
 - All parts of the launcher arrived in Centre Spatial Guyanais (CSG)
 - Launch campaign on launcher side started on 31 July
 - FMAR completed successfully
- MTG-I2 satellite
 - Launch Campaign planning:
 - Satellite launch campaign started on 3 July
 - Stand-alone phase 3 July – 17 August (Fuelling 11 August started)
 - Combined Operations 18 – 27 August
- MTG-I2 system activities
 - LEOP simulation refresher campaign is ongoing
 - System rehearsals on-going
 - First final version of commissioning planning is available



End of the babysitting phase –
celebrated by the team on 3rd July



Start of the satellite LC – S/C transfer from
transport dolly to AIT handling device on
6th July



The fuelling activities started on 7th August and
were completed on 14th August at the Guiana Space
Centre in Kourou



Thank you!
Questions are welcome.