An Update on EUMETSAT Programmes and Plans

Dieter Klaes

on behalf of EUMETSAT teams
Current EUMETSAT satellites

**METOP-A (98.7° incl.)**
- **EUMETSAT POLAR SYSTEM**
- Kept in its nominal mid-morning sun synchronous orbit at 817km altitude as part of the EUMETSAT Polar System (EPS)

**METOP-B (98.7° incl.)**
- **EUMETSAT POLAR SYSTEM**

**METEOSAT-8 (41.5° EAST)**
- **Indian Ocean Data Coverage**
- Operated in support of the Indian Ocean Data Coverage (IODC) mission, in the frame of an International Cooperation

**METEOSAT-9 (9.5° EAST)**
- **RAPID SCANNING SERVICE (RSS)**
- Positioned at 9.5° East delivering the Rapid Scanning Service (RSS) over Europe and adjacent seas.

**METEOSAT-10 (0°)**
- **METEOSAT FULL DISC IMAGERY**
- Prime Meteosat full disc imagery service over the European continent, Africa and parts of the Atlantic and Indian Oceans from 0° longitude.

**METEOSAT-11 (3.5° WEST)**
- **FULLY COMMISSIONED**
- Launched in July 2015. Fully commissioned. In-Orbit storage at 3.5° W.

**JASON-2 (66° incl.)**
- **OCEAN SURFACE TOPOGRAPHY**
- Kept in its nominal non-synchronous low Earth orbit at 1,336km altitude, in support of the Ocean Surface Topography Mission.

**JASON-3 (66° incl.)**
- **OCEAN SURFACE TOPOGRAPHY**
- Kept in its nominal non-synchronous low Earth orbit at 1,336km altitude. Interleaved orbit with Jason-2.

**Sentinel-3A (98.65° incl.)**
- **OCEAN AND LAND OBSERVATION SURFACE TOPOGRAPHY**

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- **METEOSAT FULL DISC IMAGERY**
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### METEOSAT-9 (3.5° WEST)
- **HOT BACKUP**
- Hot backup spacecraft for FES and RSS

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- **OCEAN AND LAND OBSERVATION SURFACE TOPOGRAPHY**

### Sentinel-3B (98.65° incl.)
- **Early 2018**

### Sentinel-3A (98.65° incl.)
- **Early 2018**

### METEOST-3 (98.7° incl.)
- **21 September 2018**

### METEO-SAT-11 (0°)
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Meteosat-8 moved over the Indian Ocean (41.5°)

- Operational Service since 1 February 2017
- Fuel for operations until June 2020
- Meteosat-7 was de-orbited in April 2017 after 20 years in orbit
There will be three Metops in orbit 2018 – 2021

- Metop-A in drifting orbit; last OOP manouevre in Aug. 2016
- EOL ~end 2021(22)

- Metop-B prime sat. LTDN 9:30 LST

- Metop-C launch planned 21 September 2018 (20 September Kourou time) LTDN 09:30 LST
EUMETSAT future programmes overview

Mandatory Programmes

MTG-I-1: IMAGERY
MTG-I-2: IMAGERY
MTG-I-3: IMAGERY
MTG-S-1: SOUN丁ING
MTG-S-2: SOUN丁ING
MTG-S-3: SOUN丁ING
MTG-S-4: SOUN丁ING
MTG-S-5: SOUN丁ING
MTG-S-6: SOUN丁ING
MTG-S-7: SOUN丁ING
MTG-S-8: SOUN丁ING
MTG-S-9: SOUN丁ING
MTG-S-10: SOUN丁ING
MTG-S-11: SOUN丁ING
MTG-S-12: SOUN丁ING
MTG-S-13: SOUN丁ING
MTG-S-14: SOUN丁ING
MTG-S-15: SOUN丁ING
MTG-S-16: SOUN丁ING
MTG-S-17: SOUN丁ING
MTG-S-18: SOUN丁ING
MTG-S-19: SOUN丁ING
MTG-S-20: SOUN丁ING
MTG-S-21: SOUN丁ING
MTG-S-22: SOUN丁ING
MTG-S-23: SOUN丁ING
MTG-S-24: SOUN丁ING
MTG-S-25: SOUN丁ING
MTG-S-26: SOUN丁ING
MTG-S-27: SOUN丁ING
MTG-S-28: SOUN丁ING
MTG-S-29: SOUN丁ING
MTG-S-30: SOUN丁ING
MTG-S-31: SOUN丁ING
MTG-S-32: SOUN丁ING
MTG-S-33: SOUN丁ING
MTG-S-34: SOUN丁ING
MTG-S-35: SOUN丁ING
MTG-S-36: SOUN丁ING
MTG-S-37: SOUN丁ING
MTG-S-38: SOUN丁ING
MTG-S-39: SOUN丁ING
MTG-S-40: SOUN丁ING

Optional and Third Party Programmes

COPERNICUS
SENTINEL-3
SENTINEL-4 ON MTG-S
SENTINEL-5 ON EPS-SG
JASON CONTINuity OF SERVICE (JASON-CS)
Thank you for your attention!