MSG-4 soon to be launched

After the launch of MSG-3 in 2012, the 4th and final satellite of the second generation meteosat has been finished and is ready to be launched. Like its precursors, the MSG-4 satellite will be launched on top of an Ariane 5 rocket from the European space port in Kourou, French Guyana. With the other MSG satellites still being operational, MSG-4 will be put into so-called in-orbit storage. It will ultimately bridge the gap between MSG-3 and the first Meteosat Third Generation satellites.

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| 10:00:00 | ESA leader |
| 10:00:10 | Title: MSG-4 soon to be launched |
| -ext. Ariane Spaceport - Kourou French Guyana – June 2015 - ESA  -Int. Assembly hall Ariane 5 launcher - kourou, French Guyana – June 2015 – ESA  -Int. Cleanroom MSG-4 – Kourou, French Guyana – June 2015 - ESA | **At the Ariane spaceport in Kourou, French Guyana, the final preparations for the upcoming launch of the MSG-4 satellite are well underway.**  **The MSG-4 is the last satellite of the meteosat second generation programme to be sent into orbit. This is a collaboration between the European organisation for the exploitation of meteorological satellites, EUMETSAT and the European space agency, ESA.** |
| 10:00:37  -Interview S. Carlier - Ext. Ariane spaceport – Kourou, French Guyana – June 2015 -ESA | **ITW Stéfane Carlier, ESA, MSG project manager**  *In this cooperation ESA is in charge of the procurement of the satellite. So ESA is procuring the first satellite and then procuring on behalf of EUMETSAT the recurring satellite.* |
| 10:00:49  -Ext. EUMETSAT building – Darmstadt, Germany – 25/04/2012 – ESA  -Int. EUMETSAT building, Lobby – Darmstadt, Germany – 25/04/2012 – ESA  -Int. EUMETSAT bulding, controlroom - Darmstadt, Germany – 25/04/2012 – ESA  - Animations, MSG and METOP-satellites in space – June 2015 – EUMETSAT  - Real Time images from MSG-Satellites – June 2015 –EUMETSAT  - Animation, MSG-Satellite in space – June 2015 – EUMETSAT | **EUMETSAT on the other hand is responsible for the overall system including the ground segment and the procurement of the launch service. Most importantly, it is in charge of the operations and delivery of the data to the users during the system’s lifetime.**  **The Meteosat service from geostationary orbit covers the European and African continents and parts of the Atlantic and Indian oceans. This provides a unique input to Weather Prediction models, complementing the primary inputs delivered by the polar-orbiting Metop satellites.**  **The MSG satellites are vital for so-called now-casting applications, as their observations and data can be used to detect, in real time, rapidly evolving high-impact weather events such as thunderstorms and fog. Therefor the images taken by MSG prove to be a very powerful tool in weather prediction.** |
| 10:01:45  -Interview S. Carlier - Ext. Ariane spaceport – Kourou, French Guyana – June 2015 –ESA  - Real Time images from MSG-Satellites – June 2015 –EUMETSAT | **ITW Stéfane Carlier, ESA, MSG project manager**  *The satellite is taking what you call a multispectral images. So it is images in 12 spectral bands and with these different images comparing the images together you can detect various characteristics of the atmosphere like humidity of the air, ozone, like carbon-dioxide, like temperatures all this kind of thing can be detected thanks to this 12 separate images that are taken every 15 minutes.* |
| 10:02:12  - Animation, MSG-Satellite in space – June 2015 – EUMETSAT  -Stills weather and climate – unknown date – ESA  - Image of weather on computerscreen shot at EUMETSAT - Darmstadt, Germany – 25/04/2012 – ESA  - Images of airplane, storm, flooding, weathermap and disaster – unknown origin – unknown date -ESA | **The Meteosat satellites, which have accumulated climate data records of more than 35 years, are also beneficial for everyone since weather phenomena affect our daily lives and have a huge economic impact on air, land and sea travel as well as transportation, traffic safety and many others. The whole world relies on accurate weather forecasts that can save lives and ensure the safety of property and infrastructure.** |
| 10:02:39  -Int. Cleanroom MSG-4 – Kourou, French Guyana – June 2015 - ESA  -Int. Assembly hall Ariane 5 launcher - kourou, French Guyana – June 2015 – ESA  - Animation, MSG-Satellite in space – June 2015 – EUMETSAT  - Stills of MTG satellite, from Thales Alenia website (older versions) – June 15 – Thales Alenia | **MSG-4 will now join the other three still fully operational MSG-satellites and be placed in-orbit storage until 2019 when it should become fully operational and replace one of its precursors. Meanwhile ESA and EUMETSEAT are already working on the future of meteorological satellites with the Meteosat third generation, or MTG, which should cover meteorological needs up to 2040.** |
| 10:03:10 | B-ROLL |
| -Interview S. Carlier - Ext. Ariane spaceport – Kourou, French Guyana – June 2015 –ESA | **ITW Stéfane Carlier, ESA, MSG project manager - ENGLISH**  - talking about the collaboration between ESA and EUMETSAT for meteorological programmes and division of responsibility. |
| 10:04:13  -Interview S. Carlier - Ext. Ariane spaceport – Kourou, French Guyana – June 2015 –ESA | **ITW Stéfane Carlier, ESA, MSG project manager – ENGLISH**  -talking about the MSG-4’s imaging of twelve spectral bands. |
| 10:04:52  -Interview S. Carlier - Ext. Ariane spaceport – Kourou, French Guyana – June 2015 –ESA | **ITW Stéfane Carlier, ESA, MSG project manager – French**  -talking about the MSG-4’s imaging of twelve spectral bands and Geostationary orbit. |
| 10:05:31  EXT. Images of the Ariane 5 224 Campaign – Ariane spaceport, Kourou, French Guyana – March to June 2015 - ESA | Images of the Ariane 5 - 224 Campaign  - Arrival of the boat in Kourou, unloading of the boat, start of road transport - 10 shots |
| 10:06:16  INT. Images of the Ariane 5 224 Campaign – Ariane spaceport, Kourou, French Guyana – March to June 2015 - ESA | Images of the Ariane 5 - 224 Campaign  - Ariane 5 assembly – 11 shots |
| 10:07:01  EXT. Images of the Ariane 5 224 Campaign – Ariane spaceport, Kourou, French Guyana – March to June 2015 - ESA | Images of the Ariane 5 - 224 Campaign  - Ariane 5 launcher transports and transport of MSG in capsule – 18 Shots |
| 10:08:17  INT. Images of the MSG-4 Campaign, cleanroom – Ariane spaceport, Kourou, French Guyana – March to June 2015 - ESA | Images of the MSG-4 campaign  - MSG-4 in cleanroom – 25 shots |
| 10:09:57  - Animation, MSG-Satellite in space – June 2015 – EUMETSAT | MSG animations – 2 Shots © EUMETSAT |
| 10:11:50  - Stills MTG HD – June 2015 – ESA-P.Carril | MTG stills HD – newest version, Dark coating – 2 shots  *NOTE: The new MTG artwork has a dark coating instead of a golden one as seen in the A-roll. These are the most recent.*  ©ESA-P. Carril |
| 10:12:19 | END |