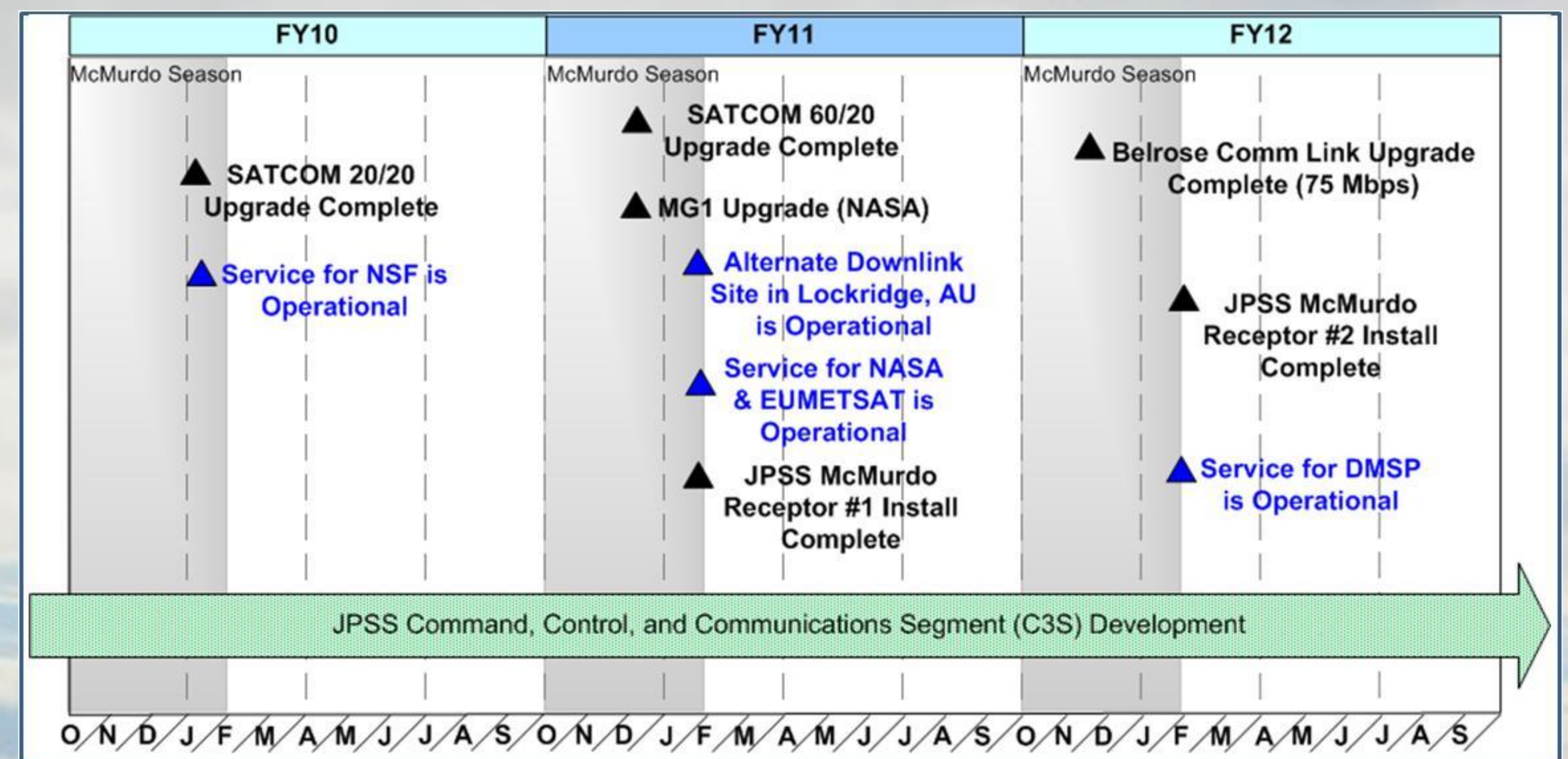


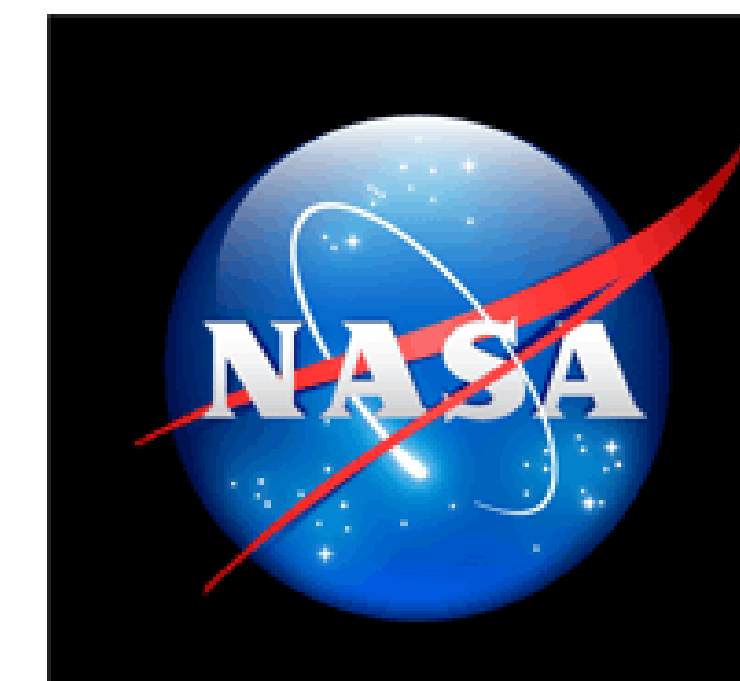
JPSS McMurdo Multimission Communications System

Allow missions currently operating at McMurdo, Antarctica as well as polar-orbiting missions not currently operating at McMurdo to utilize the following capabilities at McMurdo to reduce data latency:

- Expansion of the JPSS and NASA provided antennas and receiving equipment capabilities to support new missions
- Upgraded SATCOM bandwidth supports 20 Mbps to McMurdo and 60 Mbps from McMurdo, which can be shared among numerous missions
- The JPSS C3S provided McMurdo Multimission LAN routes each mission's data to/from McMurdo including Mission-to-Mission isolation
- McMurdo Multimission LAN will shape and accelerate data off-continent to efficiently utilize the available bandwidth
- Alternate downlink site in Australia supports higher SATCOM availability



MMCS Supported Missions

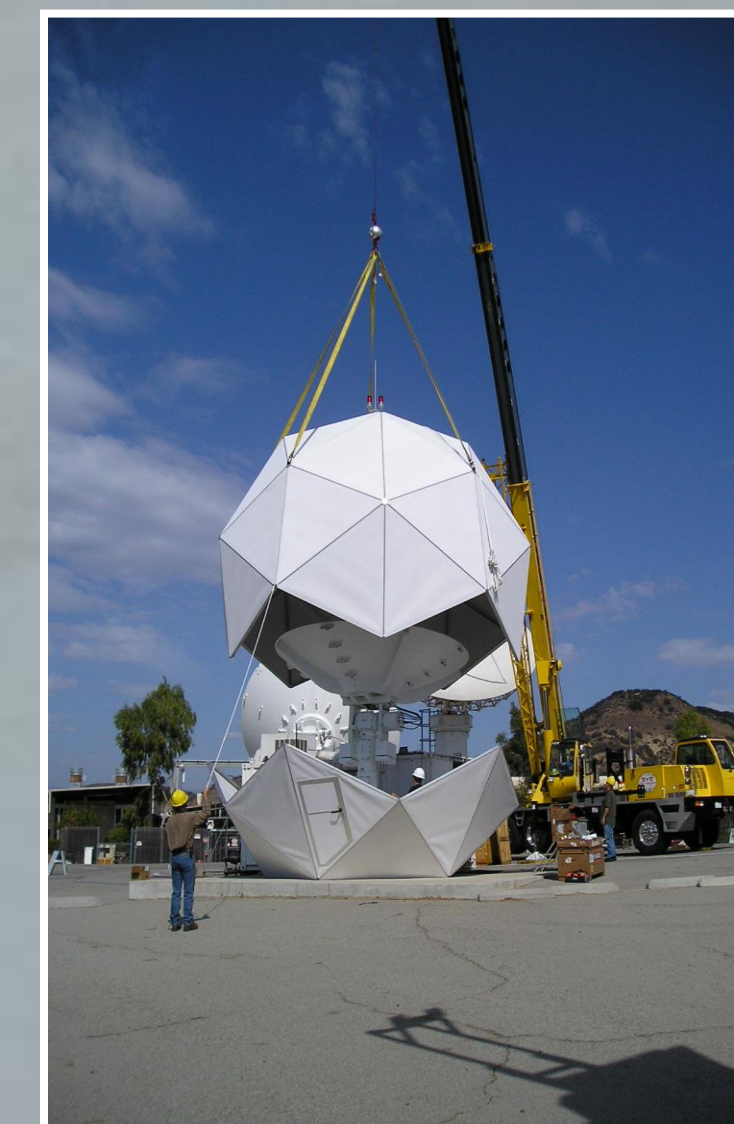
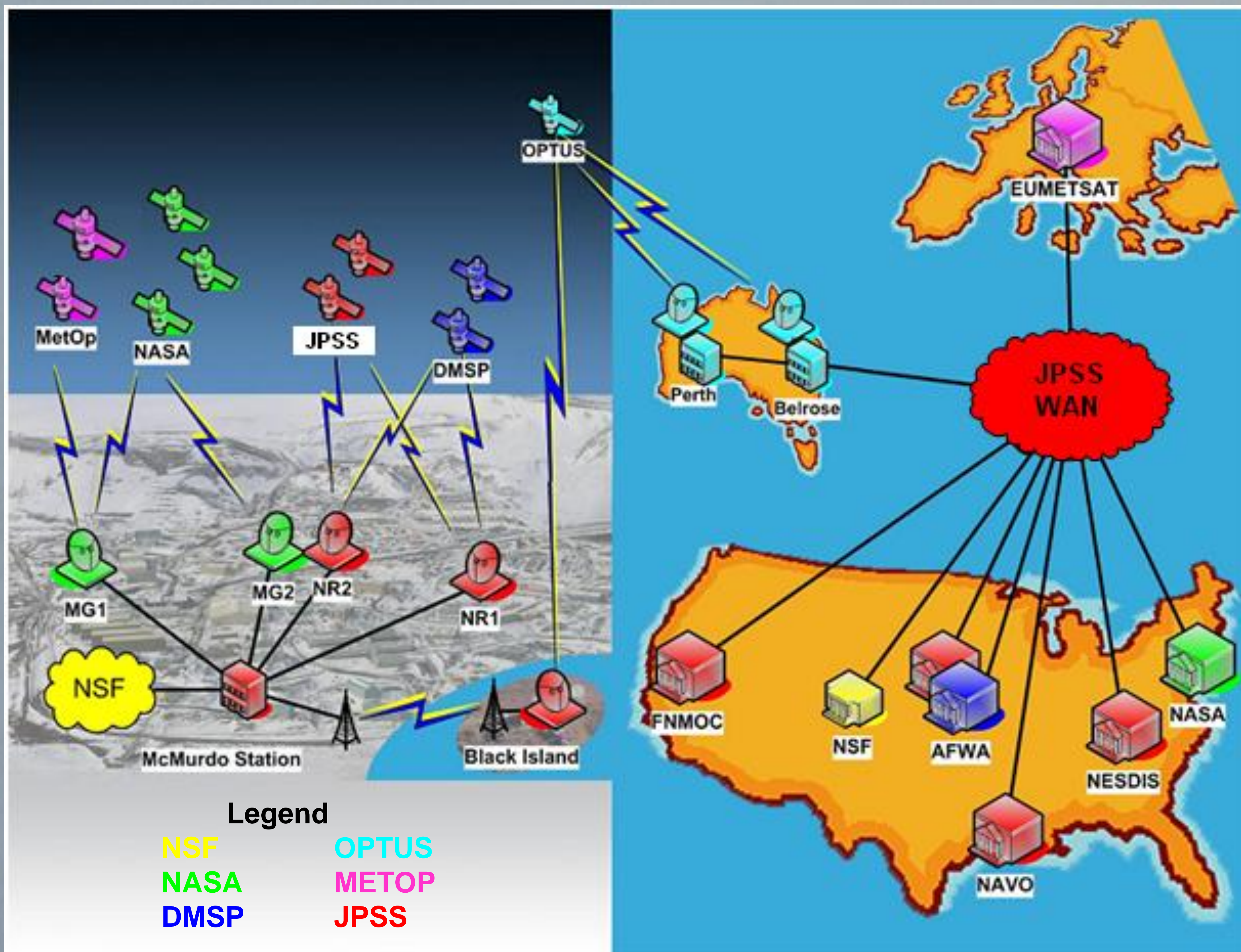


National Aeronautics and Space Administration (NASA)

European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT)



Defense Meteorological Satellite Program (DMSP)



JPSS Receptor Antenna



JPSS Receptor Radome Construction



Black Island 7m and 11m antennas



JPSS Receptor Site - T-Site



Adelie Penguins



JPSS Receptor Site - Fines Site



Arrival at McMurdo in 2009



JSOC at McMurdo

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