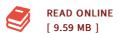




NASA s Management of the Deep Space Network

By National Aeronautics and Space Administr, Office of Inspector General

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.NASA s Deep Space Network (DSN or Network) is a central component of the Agency s space communications and navigation capability, providing deep space missions with tracking, telemetry, and command services needed to control spacecraft and transmit data. Part of NASA s Space Communications and Navigation (SCaN) Program, DSN operates antennas and transmitters at communications complexes in three locations: Goldstone, California; Madrid, Spain; and Canberra, Australia. NASA has contracts with the Spanish and Australian governments to manage day-to-day operations at the foreign sites and with the Jet Propulsion Laboratory (JPL), a federally funded research and development center in Pasadena, California, for the Goldstone site. During fiscal year (FY) 2014, DSN supported more than 30 missions including the launch and orbit insertions of NASA s Mars Atmosphere and Volatile Evolution Mission and the Indian Space Agency s Mars Orbiter Mission. Much of DSN s hardware is more than 30 years old, costly to maintain, and requires modernization and expansion to ensure continued service for existing and planned missions. Accordingly, in 2009 DSN management proposed an upgrade project to build...



Reviews

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