

# Mars Exploration Rover Flight Operations Technical Consultation By Dave S. Leckrone

By Dave S. Leckrone

## **JPL Robotics: System: The FIDO Rover -**

The FIDO (Field Integrated Design and Operations) rover is an advanced mobility platform and research prototype for future Mars surface missions planned by NASA.  
<http://www-robotics.jpl.nasa.gov/systems/system.cfm?System=1>

## **NASA's Mars rover Opportunity celebrates 10th -**

NASA's Mars rover Opportunity is seen working in the that after 10 years a Mars Exploration Rover would "We have an operations team that has been very  
<http://www.cbsnews.com/news/nasas-mars-rover-opportunity-celebrates-10th-anniversary/>

## **Solar System Exploration: Missions: In Flight: -**

In Flight > Mars Exploration Rovers : Mars Exploration Spirit traveled more than 103,000,000 km to get to Mars. Both Mars Exploration Rovers were designed to last  
<http://solarsystem.nasa.gov/missions/profile.cfm?InFlight=1&MCode=MER>

## **WN.com - Articles related to NASA Book Shows How -**

lives on Earth while advancing NASA's ambitious human exploration How Space Station Research Offers "Benefits for s Wallops Flight  
[http://rss.wn.com/English/related-articles/2015/07/07/NASA\\_Book\\_Shows\\_How\\_Space\\_Station\\_Research\\_Offers\\_Benefits\\_f/](http://rss.wn.com/English/related-articles/2015/07/07/NASA_Book_Shows_How_Space_Station_Research_Offers_Benefits_f/)

## **Acting Manager, Engine and Propeller Directorate, -**

Dec 12, 2002 operational, technical, and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at  
<http://www.gpo.gov/fdsys/pkg/FR-2002-12-13/xml/FR-2002-12-13.xml>

## **Mission Team - Mars Science Laboratory -**

Aug 04, 2012 Mars Science Laboratory rover the Mars Science Laboratory Mission Operations Team assemble in Mission Space Flight Operations  
<http://mars.jpl.nasa.gov/msl/mission/missionteam/>

## **Mars Exploration Rover Flight Operations -**

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## **Mars Exploration Rover flight operations -**

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<http://www.worldcat.org/title/mars-exploration-rover-flight-operations-technical-consultation/oclc/652944389>

**Events | Northern Ireland Science Park -**

UK Space Innovation and Growth Strategy Consultation Engineering Flight Team on the JPL Mars Exploration Rover David Crozier (CSIT Technical  
<http://www.nisp.co.uk/category/property/events-property/>

**Browse Papers, page 1910 - SAE International -**

in space to acquire the necessary medical information for telemedical consultation with the flight Gregory S. Hickey, David Mars exploration rover  
<http://papers.sae.org/browse/?pg=1910>

**Mars rover - Wikipedia, the free encyclopedia -**

MESR (Mars Exploration Science Rover), REX (Robot EXplorer), Space Flight Operations Facility) NASA lists: List of astronauts by name. by year; Apollo astronauts;  
[https://en.m.wikipedia.org/wiki/Mars\\_Rover](https://en.m.wikipedia.org/wiki/Mars_Rover)

**Presentation about (1) - SlideServe -**

NASA Engineering and Safety Center. AgendaNESC OverviewMike HagopianSPRT OverviewFrank BauerNESC ProcessesBob KichakNESC PathfindersRudder Speed BrakeBob KichakX  
<http://www.slideserve.com/jacob/nasa-engineering-and-safety-center>

**ACCESS Mars Final Report Revised 3 | Alexandre -**

ACCESS Mars Final Report Revised 3. Uploaded by A. Sole Carretero  
[http://www.academia.edu/4608351/ACCESS\\_Mars\\_Final\\_Report\\_Revised\\_3](http://www.academia.edu/4608351/ACCESS_Mars_Final_Report_Revised_3)

**JPL Robotics: Project: Mars Exploration Rovers -**

FLIGHT PROJECTS - MARS EXPLORATION ROVERS. operations interface for research rovers in development at JPL and was released as a public engagement tool for the  
<http://www-robotics.jpl.nasa.gov/projects/MER.cfm?Project%3D1>

**NASA : Wikis (The Full Wiki) -**

NASA's Mars Exploration Rover Mission The mission is part of NASA's Mars Exploration Program which NASA's future . NASA's continuing operations include  
<http://www.thefullwiki.org/NASA>

**NASA Technical Reports Server (NTRS) - Mars -**

Mars Exploration Rover Flight Operations Technical Consultation: Leckrone, Dave S. (NASA Goddard Space Flight Center, Greenbelt, Technical Report Contract  
<http://ntrs.nasa.gov/search.jsp?R=20090019114>

**JPL.NASA.GOV: Mars Exploration Rovers -**

Mars Rover Flight Director Updates in three years of continuous surface operations on the red planet. Rover Flight Director Report  
<http://www.jpl.nasa.gov/missions/mer/flightdir.cfm>

**National Aeronautics and Space Administration - -**

was the first joint flight of the U.S. and NASA's Mars Exploration Rover The mission is part of NASA's Mars Exploration Program which  
[http://www.thefullwiki.org/National\\_Aeronautics\\_and\\_Space\\_Administration](http://www.thefullwiki.org/National_Aeronautics_and_Space_Administration)

**Space Race - Wikipedia, the free encyclopedia -**

Portree, David S.F. Mars Exploration Rover; Human spaceflight Space Flight Operations Facility) NASA lists: List of astronauts by name.

[https://en.wikipedia.org/wiki/Space\\_Race](https://en.wikipedia.org/wiki/Space_Race)

**NASA Astrobiology: Life in the Universe -**

Nov 25, 2013 NAI Welcomes New Director of Operations, for Exploration and Field November 1 as the second Baruch S. Blumberg NASA/Library of Congress

<https://astrobiology.nasa.gov/nai/newsletter/newsletter-2013-11-26/>

**CORE: Connecting Repositories -**

Mars Exploration Rover Flight Operations Technical Consultation . By Dave S. Leckrone, The Mars Exploration Rover (MER)

<http://core.ac.uk/display/10548729>

**NASA Watch: News Archives -**

together March 1 when NASA's Dryden Flight of Mars, from NASA's Mars rover at the summits of technical innovation and exploration." "

<http://www.nasawatch.com/archives/news/>

**Cognitive Engineering for Long Duration Missions -**

of the Moon and of Mars. Sustained operations for lunar or planetary exploration rovers. of scheduling space flight missions on NASA's

<http://dl.acm.org/citation.cfm?id=1158336.1158643>

**Mars Exploration Rover Navigation Camera in- -**

The Navigation Camera (Navcam) instruments on the Mars Exploration Rover (MER) spacecraft provide support for both tactical operations as well as scientific

<http://pubs.er.usgs.gov/usgspubs/publication/70000456>

**Following the water, the new program for Mars -**

The challenge in costconstrained times is to balance management oversight and technical Mars. Figure 7 shows the flight Mars Exploration Rovers

<http://www.sciencedirect.com/science/article/pii/S009457650200067X>

**Sdt appendices final\_v6 - SlideShare -**

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<http://www.slideshare.net/sacani/sdt-appendices-finalv6>

**2013 MSO SAG-2 Report Outline (draft 11Apr07) -**

NASA Senior Scientist for Mars Exploration, NASA HQ. David in simulations of flight dynamics and of surface operations. for the Mars Rover Sample

[http://mepag.jpl.nasa.gov/reports/MSO\\_SAG2\\_Report\\_MEPAG\\_29may.doc](http://mepag.jpl.nasa.gov/reports/MSO_SAG2_Report_MEPAG_29may.doc)

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Mars Exploration Rover flight operations technical consultation. Dave S. Leckrone " Mars Exploration Rover flight operations technical consultation "

<http://www.worldcat.org/title/mars-exploration-rover-flight-operations-technical-consultation/oclc/652944389>

**Gena.henderson - SlideShare -**

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<http://www.slideshare.net/NASAPMC/genahenderson>

**Toward a global space exploration program: A -**

Mars Exploration Rover. MEx. Use the Moon as a testbed for mission operations and exploration medical and psychological issues for future human space flight

<http://www.sciencedirect.com/science/article/pii/S027311771100679X>

**People - Mars planet facts news & images | NASA -**

Mission Operations Engineer (Mars Rover Sampler System) Flight Software team member. Mars Exploration Rovers; Mars Express Orbiter;

<http://mars.nasa.gov/people/>

**Why didn't NASA send an animal to Mars along with -**

What is the difference of operations between the rovers, NASA Mars Rover Will the successful test flight of the Orion spacecraft make NASA's goal

<http://www.quora.com/Why-didnt-NASA-send-an-animal-to-Mars-along-with-a-rover>

**Mars exploration rover surface mission flight -**

2005-XX-XXXX Mars Exploration Rover Surface Mission Flight the flight operations thermal team to for the Mars Exploration Rovers, Space

[http://www.academia.edu/3333891/Mars\\_exploration\\_rover\\_surface\\_mission\\_flight\\_thermal\\_performance](http://www.academia.edu/3333891/Mars_exploration_rover_surface_mission_flight_thermal_performance)

**Risk of Performance Errors Due to Fatigue -**

which was developed in 2007 by David Dinges and flight medical operations. Mallis M, Wright K. (2001) Consultation report: Mars exploration rover

[https://humanresearchwiki.jsc.nasa.gov/index.php?title=Risk\\_of\\_Performance\\_Errors\\_Due\\_to\\_Fatigue\\_Resulting\\_from\\_Sleep\\_Loss,\\_Circadian\\_Desynchronization,\\_Extended\\_Wakefulness,\\_and\\_Work\\_Overload](https://humanresearchwiki.jsc.nasa.gov/index.php?title=Risk_of_Performance_Errors_Due_to_Fatigue_Resulting_from_Sleep_Loss,_Circadian_Desynchronization,_Extended_Wakefulness,_and_Work_Overload)

**Mars Exploration Rover - Wikipedia, the free -**

Although the Mars Exploration Rovers do not have the ability fifth mission extension that extended operations into flight computer in the rover.

[http://en.wikipedia.org/wiki/Mars\\_Exploration\\_Rover](http://en.wikipedia.org/wiki/Mars_Exploration_Rover)

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