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QuikScat, managed by JPL, measures ocean surface winds by transmitting high-frequency microwave pulses to Earth's ocean surface and measuring the strength of the radar pulses that bounce back to the instrument. These ocean surface winds drive Earth's oceans and control the exchange of heat, moisture and gases between the atmosphere and the sea.

TRMM is a joint mission between NASA and the Japan Aerospace Exploration Agency that monitors and studies tropical rainfall. It is managed by NASA's Goddard Space Flight Center, Greenbelt, Md.

(source: NASA Jet Propulsion Laboratory)

Current Headlines

Satcoms

Eutelsat's Hot Bird 8 Satellite Arrives at Baikonur Cosmodrome for August Proton Launch Globecomm Awarded US\$ 1.6 Million Contract From Direct-To-Home Provider In Asia Globecomm Systems Awarded US\$ 1.0 Million Infrastructure Contract Innovative Capacity Enhancement Patent Granted to Mobile Satellite Ventures Stratos Donation Of Mobile Satellite Systems Provides Essential Remote Communications For 'Jane's Ride Across America'

Broadcast

Arte to Broadcast Its First German HD Programme on Astra Eutelsat Opens New Video Neighbourhood at 7 Degrees West Space Systems/Loral Selected to Build New Satellite for EchoStar WorldSpace Commissions Terrestrial Repeater Prototypes for European Mobile Services

Earth Observation

<u>K-State Professor Using Satellite Imagery to Research How Changes in Land Use, Land Cover Affect Human Health, Food Security</u> <u>MetOp Fuelled and Pressurised</u> <u>MetOp Joins Fregat Upper-Stage</u> NASA Satellites Find Balance in South America's Water Cycle

Navigation

Boeing to Build Three Additional Global Positioning System Satellites

Tracking

Satellite Security Systems Begins Delivery of OEM Units for Blue Bird Corporation

Military Space

ND SatCom and EADS Equip German Armed Forces with Satellite Communication Networks

Radyne Receives US\$ 5.3 Million Equipment Order

Syracuse 3B Military Communications Satellite Arrives at Launch Site in French Guiana ViaSat Wins US\$ 39.5 Million Order in MIDS Tactical Network Terminal Lot 7 Award

Astrophysics

Falling Onto the Dark

Supernova

Supernova Leaves Behind Mysterious Object

Saturn

Saturn's Faint Rings Share Some of Their Secrets

Extra-Solar Planets

Space Shield Could Help Image Earth-Like Planets, Says Study

Exobiology

Shiny Rock Coating May Hold Answer to Life on Mars

Sub Orbital Space

UP Aerospace Announces First Space Launch from New Mexico's Spaceport

Manned Space

ESA Astronaut Thomas Reiter on Way to New Home in Space ESA Astronaut Thomas Reiter Reports For Duty Onboard ISS Jules Verne Passes Acoustic Test NASA Uses Undersea Lab to Prep for Future Space Exploration STS-121 MCC Status Report #01 STS-121 MCC Status Report #02 STS-121 MCC Status Report #03 STS-121 MCC Status Report #04 STS-121 MCC Status Report #05 STS-121 MCC Status Report #06 STS-121 MCC Status Report #07 USA Partners with Pioneer Aerospace to Put Experience to Work on CEV

Technology

Boeing to Use Saft Lithium-ion Batteries on Two GEO-Mobile Satellites NASA Institute Selects Pioneering Exploration Proposals Pratt and Whitney Rocketdyne's Common Extensible Cryogenic Engine Demonstrates Propulsion Technologies to Land on Moon

Launch Services

Arianespace Will Launch Arabsat's BADR-6 Satellite ILS Schedules Proton Breeze M Return to Flight in August with Eutelsat's Hot Bird 8

Launches

STS 121 - ISS LF 1, Multi-Purpose Logistics Module Launch Schedule

Business

Intelsat Completes Acquisition of PanAmSat

Events SATNAV Industry Meet Held at ISRO Satellite Centre, Bangalore

Notes for press and media officers:

Press releases should be sent to: newsfeed@microcomsystems.co.uk

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