

Tuesday, March 12, 2002

TDRS-I contacted, to be boosted into Equatorial orbit



▲ **ELV Update:** TDRS-I, the second in a series of three advanced Tracking and Data Relay Satellites, launched Friday at 5:59 p.m. EST from Cape Canaveral Air Force Station, Fla. Spacecraft separation occurred 30 minutes later at 6:29 p.m. EST. NASA controllers made initial contact with the spacecraft as it passed over a tracking station located on the island of Diego Garcia at 6:35

p.m. EST. Controllers at Boeing Satellite Systems' Mission Control Center in El Segundo, Calif., will command TDRS-I using NASA's Deep Space Network/Ground Network through a series of maneuvers performed over a 10-day period, boosting the spacecraft into a geosynchronous orbit 22,300 miles above the Earth's equator. NASA's White Sands (New Mexico) Complex will then assume satellite commanding for payload on-orbit acceptance testing, to be performed at 150 degrees West longitude. Upon successful completion of on-orbit testing, NASA will formally accept ownership of the spacecraft, renaming it TDRS-9.

▲ **Mission Update:** At press time, Columbia was scheduled to land at KSC 4:32 a.m. this morning after a successful mission to upgrade and repair the Hubble Space Telescope.

◆ **The KSC All American 2002 Picnic** is coming your way March 16 at KARS Park 1. Being held from 10 a.m. until 4 p.m., the event will include a pie-eating contest and a raffle of astronaut autographed jackets. One jacket will be raffled off with the purchase of the food ticket.



Columbia and crew to glide to KSC landing before dawn

The other jacket will be raffled off to people participating in throwing balls at the dunk tank. Entry ticket prices are \$5 for adults, \$3.50 for children 3-12 years of age (children 2 and under eat FREE). For more information, go to <http://ksepicn.nasa.gov>.

◆ **KSC Fitness Center Introduces Massage Therapy** -- Do you need to relieve some stress, but don't feel like working out? Are your muscles sore? Do you need to relax and feel a sense of well-being? If you answered yes to any of these questions, then you could benefit from **massage therapy**. The KSC Fitness Centers are providing licensed massage therapists at the O&C Fitness Center Group Exercise Room Mondays, Wednesdays and Fridays from 12:30 – 3 p.m. Cost: \$1/minute. To schedule an appointment for Mondays, call Jeff Chiapperino, 321-749-6075; for Wednesdays, call Valerie Jaramillo, 321-543-1047; for Fridays, call Stacie Gioia, 321-453-4482.

◆ **Boeing Human Factors Sponsoring Seminar** -- "Cutting Edge Technology in Functional Capacity Evaluation and Ergonomic Assessment" is the title of a seminar by Robert W. Wainwright, P.T., president of Kinematic Consultants, Inc., to be held in the O&C Mission Briefing Room, Wednesday, March 20, from 10 to 11:30 a.m. This seminar will acquaint the audience with current and affordable technologies of human performance assessment, including live demonstrations. Anyone interested is welcome. Please contact Mónica Philippart at 867-2644 or monica.f.philippart@boeing.com for more information about this educational and cutting edge event.

◆ **Did You Know?** New Hours For OSB Exchange Store -- The NASA Exchange OSB store will open at 7 a.m. and close at 5:15 p.m., effective April 1, 2002. ★

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

◆ E-mail – Anita.Barrett-1@ksc.nasa.gov ◆ Telephone – 867-2815

Internet -- <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2001/2001.htm>