

# ISS Ham, Amateur Radio NA1SS/RS0ISS/ON4ISS

ARISS Meeting at ESTEC

June 2009



16

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#### General Operations

Running contact total versus mission elapsed time (MET) per crewmember 1 William Shepherd KD5GSL 2 Susan Helms KC7NHZ 42 2 Jim Voss 2 Yury Usachev RW3FU 40 3 Frank Culbertson KD5OPO 4 Dan Bursch KD5PNU 38 4 Carl Walz KC5TIE 36 4 Yuri Onufrienko RK3DUO 5 Peggy Whitson KC5ZTD 34 5 Valeri Korzun RZ3FK 32 contacts 6 Donald Pettit KD5MD7 6 Kenneth Bowersox KD5JBF 30 ■ 6 Nikolai Budarin RV3FB 28 7 Ed Lu KC5WKJ 8 Michael Foale KB5UAC ᢐ 26 9 E. Michael Fincke KE5AIT Running Total number -9 Gennady I. Padalka RN3DT 24 10 Leroy Chiao KE5BRW 22 11 John Phillips KE5DRY 11 Sergei Krikalev U5MIF 20 12 William McArthur KC5ACE 18 12 Valery Tokarev 13 Jeff Williams KD5TVQ



4

150

13/14 Thomas Reiter DF4TR 14/15 Sunita Williams KD5PLB 14 Michael Lopez-Alegria KE5GTK 15 Fyodor Yurchikhin RN3F 15/16 Clay Anderson KD5PLA

16 Yuri Malenchenko RK3DUF

18 E. Michael Fincke KE5AIT

18 Sandra Magnus KE5FYE 18 Yury Lonchakov RA3DT

18/19 Koichi Wakata KC5ZTA -19 Michael Barratt KD5MIJ

19 Gennady Padalka RN3DT

17 Sergei Volkov 17 Oleg D. Kononenko RN3DX

200

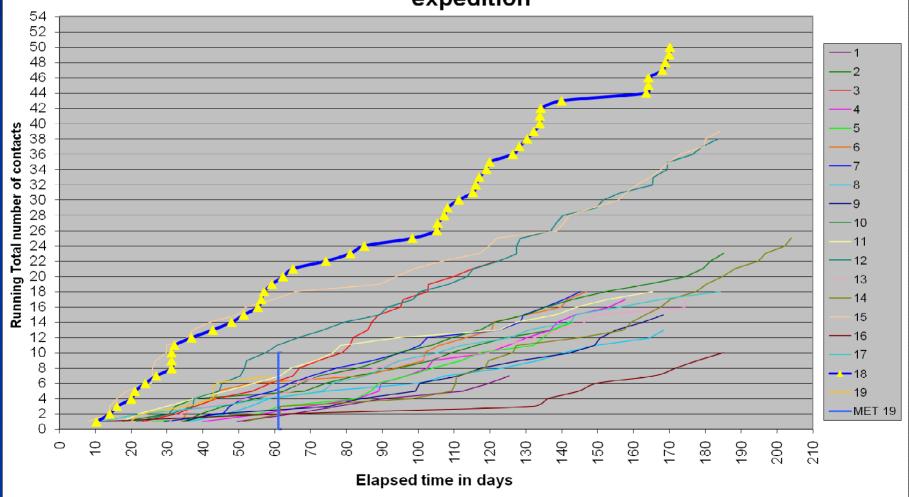
190

16 Léopold Evharts FX0STD/KE5FNO



#### General Operations







#### Accomplishments



Mike Finke contacted 40 schools during Expedition 18. That eclipsed the previous individual record of 37 set by Bill McArthur during Exp 12.

The Exp 18 crew of Magnus, Lonchakov, Fincke and Wakata conducted 50 contacts. That shattered the previous record of 39 set by Exp 15 crew of S. Williams, Anderson and Yurchikhin.

400+ school contacts conducted since 2001.

#### Thank you Mike, Sandy, Yuri and Koichi!



- Current Hardware
  - Ericsson Phase 1 (Stowed)
  - Kenwood D-700 Phase 2 (SM)



- Current Operations
  - Ericsson VHF— Phase 1 (FGB)
    - Stowed in Japanese module
  - Ericsson UHF— Phase 1 (SM)
    - Stowed in Node 1



- Current Operations
  - Kenwood D-700E #2 Phase 2 (SM)
    - APRS/Packet
    - School Contacts
    - General Contacts
    - Crossband Repeater (limited usage)
    - VC-H1 (limited usage due to battery availability)
  - Kenwood D-700E #1 Phase 2 (Stowed)
    - Transceiver unit only. No display or microphone

## Kenwood D700 Phase 2 (SM)



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- **■** Future Operations
  - ◆ Ericsson VHF Reinstall in FGB
  - ◆ Slow Scan Television (SSTV) with power adapter
  - ◆ Kenwood D700E #1
  - ◆ Yaesu FT-817
  - Columbus module