

# Phase 1 Hardware Status

Lou McFadin, W5DID

Sergej Samburov, RV3DR

# Phase 1 Hardware

- 2 Complete systems onboard
  - VHF System installed and operational in FGB
  - UHF System ready for installation in Service Module
  - Four Antennas installed on outside of Service Module

# Phase 1 problems

- SM
  - Energia/RSA changed requirements after delivery of the UHF system to the ISS.
  - Now requires a full end to end system test in the Integrated Test Stand in Moscow.
  - This test is now planned for early 2003
    - (Delayed due to delay in delivering equipment to Russia)

# Phase 1 Problems Cont.

- FGB
  - Headset Extension cable PTT switch has failed.
    - Replacement is ready for delivery
  - Packet TNC has experienced numerous hangups
    - Re-starting has restored operations several times.
    - We do not have sufficient information to determine the exact cause of the problem although the symptoms indicate a firmware problem.

# Phase 1 Problems Cont.2

- ARISS ground team has had much difficulty in getting trouble shooting instructions to the crew.
- No other problems reported.