



# ISS Ham, Amateur Radio NA1ISS / RS0ISS

*ARISS Meeting at Arlington, VA  
10-13 October 2004*



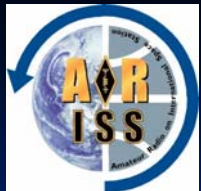
# General Operations

- Current Operations
  - Ericsson – Phase 1 (FGB)
  - Kenwood D-700 – Phase 2 (SM)



# General Operations

- Current Operations
  - Ericsson – Phase 1 (FGB)
    - Installed 2000
    - Voice Contacts
    - School Contacts
    - Packet – Still hangs
      - Needs functioning computer
      - Procedure to reset TNC



# Ericsson Phase 1 (FGB)



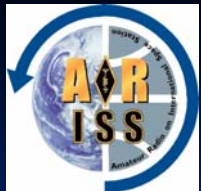


# General Operations

## ■ Current Operations

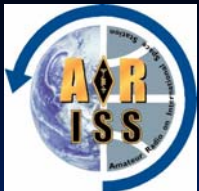
### ■ Kenwood D-700E – Phase 2 (SM)

- APRS/Packet
- General Contacts
- Mode Evaluations
  - Educational contacts
  - Public Contacts
  - Crossband Repeater



# Kenwood D700 Phase 2(SM)





# General Operations

## ■ Future Operations

- ◆ Ericsson – 70 Centimeter
- ◆ Slow Scan Television (SSTV)
- ◆ Yaesu FT-100
- ◆ PCsat2



# Accomplishments

First ARRL Field Day with 2 station operation (RS0ISS & NA1SS)

First ARRL Field Day with 2 bands active (70 cm and 2 meters)

First 70 cm voice operation on ISS

First crossband repeater operation on ISS (437.8↑/145.8↓ MHz)

Completed checkout of Kenwood radio operations

13 School contacts and 2 special event contacts

Over 100 random contacts logged

First ISS crewmember to work Antarctica direct from space

First ISS crewmember to work all 7 continents from space

## Thank you Mike & Gennady!