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# ARISS Training



# Training Program

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- Licensing
- Operations
- Manuals and procedures



# License Training

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- Astronauts must be licensed to conduct ARISS contacts
- ARISS provides an accelerated Amateur Radio course for astronauts needing a license
- Recent trainees
  - Leroy Chiao, KE5BRW (ISS Expedition 10)
- ARISS personnel
  - Nick Lance, KC5KBO



# Operations Training

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- Covers operations for ARISS (ISS Ham) contacts
  - Covers school, ham, and emergency contacts
  - Topics include:
    - Setting up radios for different operating modes
    - Radio operating protocols
    - Hardware refresher



# Operations Training

(continued)

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- No new training conducted since ESTEC meeting
- Most recent activity:
  - Soyuz 8S – André Kuipers and backup
    - February 2004, Houston
  - Expedition 9
    - Provided self-study materials for newly assigned crew
- ARISS personnel
  - Dave Taylor, W8AAS
  - Assisted by Kenneth Ransom N5VHO and others as needed



# Current Activities

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- Create on-orbit manual and procedures for FT-100
- Create on-orbit manual and procedures for SSTV
- Update D700 manual with new operating modes
- Create D700 operating procedures (N5VHO)
- Update cue cards for new operating modes
- Create cue cards for new hardware
- Provide operations training for members of future ISS expeditions and Soyuz missions, as needed
- Provide license training, as needed (KC5KBO)



# Sample Video Training

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QuickTime™ and a  
Motion JPEG OpenDML decompressor  
are needed to see this picture.

Procedure for educational contact