



Amateur Radio on the International Space Station

ARISS International Call sign
Status report

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ARISS Callsign Current Status

- Held meetings with ITU satellite registration office in Geneva to discuss options
 - There are no callsign police
 - Administrations inconsistent when registering satellite equipment and frequencies



ARISS Callsign Current Status

- Searched ITU satellite registration data base
 - MIR amateur radio never registered
 - Most ISS modules registered
 - ARISS not part of current ISS registration



ARISS Callsign

Current Status

- Option 1 – Go the official, formal route
 - long, difficult and not likely to succeed
- Option 2 – Unofficial approach
 - recommended by IARU and off the record by ITU staff



ARISS Callsign Option 1 (formal)

- Formalize ARISS organization
- Seek support of US State department
- Seek UN recognition of ARISS
- Seek ITU acceptance of recognition
- Propose international prefix to WRC–03
- If successful, register ARISS with ITU



ARISS Callsign Option 2 (informal)

- Each partner country use national call sign
- ESA ISS participants use national call signs



ARISS Call sign Recommendation

- Recommend ARISS take option 2
 - Each partner country selects call sign
 - Astronauts use partner call signs
 - If an administration complains to the ITU, use US and Russian call signs



ARISS Third Party issues

Article S25.2

- It is absolutely forbidden for amateur stations to be used for transmitting international communications on behalf of third parties.
- The preceding provisions may be modified by special arrangements between the administrations of the countries concerned.



ARISS Third Party issues

- WRC 03 proposed modification to S25.2
 - Amateur stations may be used for transmitting international communications on behalf of third parties unless modified by one of the countries concerned.