



Project Selection and Use Committee

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Mandate

- The Purpose of the PS&U committee is
 - Review Proposed amateur radio projects for deployment onboard the ISS
 - Recommend the acceptance or non acceptance of those projects to the international delegates.



Questions proposals need to address

- Name of organization with a brief description of organizations activities
- Detailed description of Project including length of time needed to develop
- Estimate of funding including the expected source of funding
- Proposed certification procedure for the project
- Preliminary block diagram and sketches of the project

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Questions proposals need to address cont.

- What involvement will the crew have in the project (development, deployment, set up and operation)?
- What facilities or support is required for this project including ISS support (example a computer, power cooling etc.) and ground support (example downloading of mail, downloading files, uploading files etc.) ?
- What is the specific educational outreach purpose of the project and how will that be implemented?
- How will the Amateur Radio Community benefit from the project?

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Questions proposals need to address cont.

- If the proposal is to fix a perceived problem, What is the problem and what happens if we do nothing. What are the alternatives to this proposal.
- What Amateur Radio frequencies will the project utilize?
- Any other comments that will help the Committee evaluate this project.

Additional Criteria For Proposals

- Equipment must be capable of operating unattended for extended periods (weeks).
- Equipment should be designed to power on into the default state. A reset of the Equipment must restore it to a desired default state.
- Crew interfaces must be very simple .
- Procedures must be provided for equipment operation prior to being approved for flight.
- Systems capable of being controlled from the ground will be given preference.
- There is no assurance that equipment will be returned or brought back down.

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Known Projects

- FT100 vs FT 817 Recommended
- HF antenna Recommended
- Icom ID800 Project Not Recommended
- Packet Upgrade project Not Recommended
- Packet Fan Project Not Recommended
- Turbo Fan Project Not Recommended
- Cubesat deployment Walk on not reviewed