

Manual for Starting a University Pico Satellite Project

Group:8

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Team and Motivation

- Students need direction/supervisor
- Level of Research
 - Undergraduate
 - Interns
 - Masters
 - PHD

Mission

- Manual is going to be independent from any mission or satellite size
- Subsystem design

Launch

- Share
 - NOTE: Don't forget the offset price.
(paperwork etc)

Ground Segment

- Ground station
- Software
- Operations of the Satellite

Legal Issues

- Frequency allocations
- Sugesstion: Amateur band usage(UHF/VHF) - ITU
- ITAR!!!

Management

- Timing, gantt chart
- Documentation (list of components, report,
 - Not a template

Testing

- Environmental Test
 - Minimum Requirements
 - Necessary equipment (from basic to complex)
- Functional Test

Usage of the Manual

- Free to download
 - Inputs as comments, chapters, graphs etc.
 - Dedicated forum

Funding

- Country dependent
 - PR is important

Manual Hosting

- On UNISEC webpage
- A dedicated moderator is necessary
- Regular updates
- Lots of tables, charts, graphs
 - Pictures are universal
- Translation in to different languages

Thank You

