**IS-1 Commissioning plan**

* Phase 1: IS-1 checkout
  + Verify we can establish communication
  + Check aliveness (PHOENIX or SAFE)
  + Transition to safe (should be autonomous if power positive)
* Phase 2: Spacecraft commissioning
  + Set s/c and ADCS time
  + Playback deployment data
  + Load ephemeris and test fine point
* Phase 3: Instrument commissioning
  + Instrument aliveness
  + Transition to science mode

**Phase 1**

**GOALS**

* + Verify communication
  + Bus is working and is power positive

Scripts

1. Hello\_IS1 -
2. Commission\_aliveness\_phoenix
3. Commission\_aliveness\_safe – full proof so that we should be ready to start commissioning
   1. Add cancel\_antenna\_deployment\_commands
   2. **Don’t** cancel solar panel deployment yet. – Can only be cancelled if all solar panel voltages are in phase and tumble rates are low

**Phase 2:**

1. Commission the s/c
2. Cancel\_solar\_panel\_deployment
3. Commission\_set\_spacecraft\_time
4. Commission\_set\_adcs\_time
5. Playback deployment data
6. Playback\_deployment\_data
7. Commission ADCS
8. Commission\_set\_ephemeris
9. Commission\_test\_fine\_point

**Phase 3**

Checkout instruments

1. Commission\_instrument\_aliveness\_DAXSS
2. Commission\_science\_mode
3. Commission\_x123\_threshold
4. Commission\_instrument\_aliveness\_CIP