AOS (SW related) open issues list

- Definition of the list of TCS and AO-Sup variables to be exchanged
- Coordination of AOS operating in ENGINEERING mode with a scientific instrument
- IIF interface support for AOS
- Formal definition of the AO GUI
- Definition of a list of items to be logged
- Definition of data for the telemetry stream
- “How do we implement xxx AOS function?”
Using an instrument while doing AO ENGINEERING

- We may need to take images from the scientific camera while in ENGINEERING mode.
- “Hand-made” coordination might not be enough.
- A similar problem may arise with the use of the “technical camera” for commissioning.
IIF support for AO

- Implementation of observation modes
  - Requires entry points corresponding to AOS operations:
    - PresetAO\(^1\), AcquireRefAO, RefineAO, StartAO, OffsetAO\(^2\), CorrectModes\(^3\), Stop, Pause\(^4\), Resume\(^4\)

1. May be included in “Preset Telescope” adding arguments
2. Perhaps covered by “Offset Pointing” or “Offset Guiding”
3. Perhaps covered by “Send Wavefront”
4. Perhaps covered by “Standby”