

XEOS Coordination Across Instrumentation Services

**IRIS Instrumentation
Services**

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IRIS



XEOS: What is it?

- Satellite telemetry for remote station SOH and limited data retrieval
- Used by PASSCAL Polar and the TA
- Until recently, XEOS was funded at different levels:
 - PASSCAL Polar was 100% funded by NSF PLR
 - TA responsible for funding their own usage
- This led to different usage characteristics
 - TA had an incentive to minimize—as much as possible—the information they transmitted via XEOS
- Future PASSCAL non-polar deployments will need to fund their own usage (like the TA) and will want small data usage
- OBSIP & GSN programs have also expressed interest in XEOS



XEOS Coordination

By coordinating XEOS usage needs across IS groups we can reduce the amount of customization that must be done by the vendor.

Benefits:

- Groups with similar needs don't have to reinvent the wheel, saving time & money
- Still allows for differing use cases (not a one-size-fits-all approach)
- Keeps our message to the vendor (XEOS) clear, reducing confusion on their part and helping to avoid errors

XEOS Summit

- Towards this effort, a XEOS Summit has been proposed to gather and coordinate XEOS usage across IS