Packed Data Policy Statement

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MC Face-to-Face Discussion

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From Announcement — 13 March MC Telecon

The Management Council did reach a decision on Packed Data. They considered three choices:

1. No packed data as a primary product in the archive without exception

2. No packed data as a primary product with the exception of DSN data and raw Radio Science data.

3. No packed data as a primary product with the exception of DSN data, raw Radio Science data, and Telemetry.

The second of the three choices was selected. Option 2 will become PDS policy. We will post it to pds.nasa.gov/policy.

We can spend a few minutes on next steps on the Monday telecon.

2. No packed data as a primary product with the exception of DSN data and raw Radio Science data

- OK with Simpson and Radio Science community
- What to do about everyone else (*e.g.*, Document Author Team)
  - Primary Product =? *Product_Observational*
  - Effective when?
    - IM v1.9.0.0?
    - Immediately? Yes
    - Deprecate? Could data providers use old IMs (as NAIF will use IM v1.5.0.0)?
    - Retroactively?
      - Would prohibit future use of previously allowed capability (no precedent)
  - Allowed elsewhere?
    - With unpacked version? Yes
    - As *Product_Native*? There are issues
  - Support?
    - Dan: Queued with TWG
    - Work saved? Reviews facilitated?
  - Who oversees DSN and Radio Science screening?
    - "DSN data" could include telemetry (Option 3)

Possible Policy Statement Wording:

Effective immediately, no PDS4 *Product_Observational* may contain a *Packed_Data_Fields* object. *Packed_Data_Fields* is allowed in other *Product* subclasses, if an unpacked version of the same data is also provided. DSN data and raw radio science data are exempt from this restriction.

Follow-up Actions:

Suspend all current non-compliant deliveries (if any)

DNs locate and convert ingested non-compliant archives (if any)

Develop tool(s) to display *Packed_Data_Fields*