Operational Considerations for AC's

F.G. Lemoine
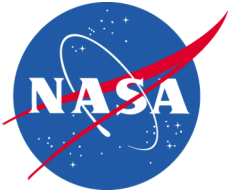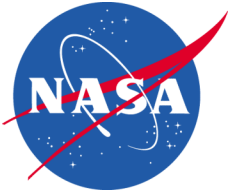
Moving to an Operational Service (1)

- All other services (ILRS, IVS, IGS) on a weekly basis create operational products.
- With the DORIS 2.2 format, we are limited a latency of 6-8 weeks for IDS products.
- Presently (since the last AWG in Darmstadt) we have agreed to deliver "operationally" SINEX files every three months (end of March, June, Sept., Dec) for available SINEX files. Do we continue with this schedule?
- How do we decide which satellites are included in operational products? Are we satisfied with results so far on Jason2, Cryosat2? (e.g. Jason2 results still show a beta-prime like signal in Tx, Ty; Much better centering in Tz).
- How do we assure that more recent stations are included in each AC's operational processing?

  Issues:
  - not all stations in ITRF2008.
  - Stations with discontinuities (e.g. Santiago, 2010) or other issues.

  (Solution: DPOD2008?)

Moving to an Operational Service (2)

• Regular issue of DORISReports.

==> DORISReports should be sent whenever a IDS SINEX Delivery is completed … the purpose being to document the delivery.

==> DORISReports - should (probably) include list of SINEX files submitted; satellites included in the delivery; RMS of fit; Parameters & No of stations part of SINEX files; Any anomalies detected in the processing or special notes for that week; Any validations or tests done by the AC as part of the analysis -- this can include comparisons with external solutions (EOP's or orbits); Helmert transformations….

• Other DORIS Products:

==> Orbits.

==> STCD files/plots.