ISOC SW Update

• Schedule
  – Mar 15-16: Mission Operations Review
  – July 25-26: GRT5
  – Oct 17-18: GRT6 (lights-out operation, contingencies, failover tests)
  – Nov: send samples of all science data products to GSSC (ICD verific.)
  – Dec 18: ETE1 (End-to-End test #1)
  – Mar 07: GRT7 (demo L1 & L2 product generation as to be performed in operations)
  – Mar 07: ETE2

• Updated ISOC SW release schedule (see next slide)
SW Release Summary

(https://confluence.slac.stanford.edu/display/ISOC/ISOC+Software+Releases)

- **1.4** (17-May-06 – supports Engineering tests only)
  - calculate derived parameters from L0 data
  - realtime data fed into L0 raw archive and trending

- **2.0** (28-Jun-06 – supports GRT 5)
  - Mission Planning activity feedback (phase 1)
  - LAT configuration tracking & management
  - Trending enhancements (trend calib params, scatter plots)
  - additional logging (more log message types generated & viewable)
  - *exercise science data processing pipeline & send available data products to GSSC*

- **2.1** (7-Sep-06 – supports GRT 6 – focus on contingency capabilities)
  - anomaly tracking & notification system (automatic notification for 24/7 operation)
  - calculate derived low-rate science counter parameters from L0 data
  - trending
  - reports (phase 1)
  - logging (all capabilities)

- **2.2** (7-Nov-06 – supports Jan '07 Day-in-the-Life exercises, ETE 1 and engineering tests)
  - mission planning activity input
  - mission planning GUI
  - mission planning activity feedback (all capabilities)
  - integrated mission planning capability
  - full logging

- **3.0** (14-Feb-07 – supports GRT 7 & ETEs 2)
  - reports (all)
  - refinements to mission planning and LAT config tracking & management

- **4.0** (15-May-07 – supports ETEs 3-6, Mission Sims)
  - refinements to mission planning and LAT config tracking & management
  - GUI enhancements
  - bug fixes