

DRG Activities at UNH

EVP Processing

- Data review and quality flag assignments (Freuder)

SIM Development / Processing

- SIM management (McConnell)
- Software Development (Freuder, Kappadath, McConnell)
- Routine Processing (Freuder, McConnell)
- GRO Mass Model (Morris)

Background Studies

- SAA Activation Study (Morris)

Rapid Burst Response

- Beeper Keepers (Connors, Kappadath, Young)
- Development (Connors, Schonwald)

Web Page Development / Maintenance

- COMPTTEL (Stacy)
- GRBs (Connors)
- Flares (Rank)

UNH Action Item Status

- Action Item 60.22 - Morris OPEN
Impact of "off" Modules
 Study the effects of "off" modules using SIM. Requires mass model modifications.
- Action Item 63.07 - Stacy OPEN
Document PSF Generation Using SIMSPG
 Some form of user's guide will be made available.
- Action Item 66.07 - Morris OPEN
Investigate Excess Photopeak in SIM PSF
 Probably a result of inconsistent ToF selections between SIM and calibration spectra.
- Action Item 70.09 - Morris OPEN
Provide PSF Comparison Report
 Comparison between SIM and empirical PSFs.
- Action Item 72.04 - ?? OPEN
Investigate Feasibility of Angle-Averaged PSFs
 The goal is to generate PSFs which could be used either throughout the FoV for a single observation or in an analysis which involves the sum of several observations where the source of interest is at different zenith angles.
- Action Item 73.08 - ?? OPEN
Define Simulation Requirements for Line Analysis
 What simulations are required to support SPDLIX?
- Action Item 73.11 - Morris OPEN
Define Interface between COMPASS-SIM and GRO Mass Model
 How can we get results from the GRO mass model into COMPASS?

UNH Action Item Status (cont)

- **Action Item 74.07** - **Kippen** **CLOSED**
Assess Impact of Feb '96 SIM Changes on Results (10°, 40°)
 Marc Kippen has prepared reports which detail the effect of the latest SIM changes. See COM-RP-UNH-SIM-046 and COM-RP-UNH-SIM-048. The changes in question dealt with the secondary production (which is now turned 'on' in the simulations) and the beam area used in telescope simulations (the default now is to have photons incident over the full D1 assembly, rather than just the D1 cells themselves.)
- **Action Item 74.17** - **Stacy** **OPEN**
Establish On-Line Publication Database and Access Utilities
 Database available on the WWW along with query tools.
- **Action Item 75.08** - **Connors** **OPEN**
Review CGRO Instruments Sensitivity: GRBs

EVP Status

- Latest processing report (issue 24) issued on Nov 15. It is available through Rita Freuder's homepage:

<http://wwwgro.unh.edu/users/rfreuder/rfreider.html>

- As of November 15, the latest day processed at MPE was October 29 (TJD 10385, VP 601.1).
- Future plan is to add sufficient diagnostics to EVPRNN output so that DDMCHK will not be needed as part of the routine processing at MPE. Software modifications should begin early next year.