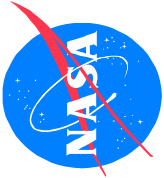


Session 3

Implementation of the New Engineering Data File

Georg Kirchner, Van Husson



Data Engineering File

(NASA systems stored info and measurements per pass)

Station info

- PAD (Station) ID
- Occupation Number
- Station Latitude
- Station Longitude
- Station Height

Satellite info

- Sat ID
- Sat # Obs, # Rejections
- Sat RMS
- Applied System Delay
- Sat A1 Mean, RMS
- Sat PMT Voltage Mean, RMS
- Sat Receive Energy Mean, RMS
- Sat Transmit Delay Mean, RMS
- Time Bias Correction
- Range Bias Correction
- ND Filter Correction
- IRV Time Bias
- IRV Range Bias
- # Normal Pt Bins
- # Normal Pt Bins with Sat data
- Sat Skew
- Sat Kurtosis

Calibration info

- Cal Target ID, Distance
- Cal # Obs, # Rejections
- Cal RMS
- Cal Shift (Pre - Post)
- System Delay
- Cal A1 Mean, RMS
- Cal PMT Voltage Mean, RMS
- Cal Transmit Energy Mean, RMS
- Cal Receive Energy Mean, RMS

Meteorological Data

- Sat Min, Max and Mean Temperatures
- Sat Min, Max and Mean Pressures
- Cal Mean Temperature
- Humidity
- Day/Night Pass

