Templated Activities

Facility

Scan Map of Large Planetary Nebula or Supernova Remnant

SED Mode Skeleton AOT Validation

Effect of Bias Levels & Integration Times on Sensitivity

MIPS

Total Power Mode Skeleton AOT Validation

Photometry/Super Resolution Mode AOT Validation

Read Noise, Dark Current & Their Stability 1st Measurement

Pointing Frame Fine Alignment Coordination w/PCS

Determination of Ultimate Scattered Light Levels

Slew State Validation

Pipeline Quality Flat Field Production

Read Noise, Dark Current & Their Stability 2nd Measurement

AOT Cluster Option Validation

Read Noise, Dark Current & Their Stability 3rd Measurement

IRAC

Pointing Frame Fine Alignment Coordination w/PCS

Cross-Instrument Calibration

IRS

Spectral Mapping Validation

48 hrs?

Slit Locations & Dimensions

72 hrs?

Peakup Offsetting Performance II

72 hrs?

Pointing Frame Fine Alignment Coordination w/PCS

Wavelength Calibration

Fringing Characterization

Flat Field Calibration

Spectro-photometric Calibration

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Long Exposure Spectro-photometric Performance

Spectral Stray Light Measurement

Staring Mode AOT Validation

Short Wave-length Light Leaks

Spectral Mapping AOT Validation

Peakup Imaging AOT Validation

ERO: Observations of Extremely Red Objects

ERO: Spectra of Bright ULIRGs

ERO: Spectra of Comets

ERO: Spectra of Solar System Objects

ERO: Spectra of Proto-Stellar Disks

ERO: Observations of Protogalaxies

CTA

Helium Mass Measurement

PCS

IRAC Pointing Frame Fine Alignment

IRS Pointing Frame Fine Alignment

MIPS Pointing Frame Fine Alignment

S/C

Real-time Downlink

PCS Levels: Level 5 – 2.5 asec total pointing bias
Level 6 – 1.6 asec total pointing bias
(and 0.4 asec offset accuracy)

PCS Capability Level: L5L5L5