

# **MIPS-24 Test Plan for S10.0 and Beyond to support Downlink I&T**

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## **1. Calibration Data**

1. Until notified, all calibration files will be treated as “fallback” data. Calibration data which utilize the “nearest in time” feature (metadata cal-transfer) will be exercised in a future release. All fallback calibration data is contained under: `/ssc/pipe/fmasci/MIPS_pipeline/offline_pl/DEV/mips24/calibration_data/`
2. The fallback SODB loading script and supporting files are contained in the downlink delivery: `/${SOS_VERSION}/downlink/sodb/Fallback/mips24/`. Please read the section under “Procedure” in the header of the `loadfallback.csh*` script for instructions.
3. On deploying the calibration files, ensure you copy all files to the directory specified by the `$(OUTPUT_LOCATION)` environment variable in the header of the `loadfallback.csh*` script in (2). Ensure all calibration files under `/ssc/pipe/fmasci/MIPS_pipeline/offline_pl/DEV/mips24/calibration_data/mirror_dep_flats/` are also copied to the directory specified by `$(OUTPUT_LOCATION)`

## **2. Control Data Files (Namelists or CDFs)**

1. All **the latest** namelist files are contained under:  
`/ssc/pipe/fmasci/MIPS_pipeline/offline_pl/DEV/mips24/namelists/`
2. It is the responsibility of the IST to check these into the operations TFS under the “MIPS1\_INT” Point of View (POV).

## **3. Test Data (AORs)**

The format below is in “run\_manifest” format. These strings can be used directly with the “run\_manifest” script which operates the Automated Pipeline Executive for Spitzer (APES). The format is as follows:

```
Ingest-MIPS-1 <AORKEY> <PlScriptId1:PlScriptId2:PlScriptId3¼>
```

```
SUR_SCI PHT:
```

```
Ingest-MIPS-1 6772224 1021:1030:1035:1040:1041:1042:1048 (120 dces)  
Ingest-MIPS-1 7143680 1021:1030:1035:1040:1041:1042:1048 (30 dces)
```

```
SUR_SCI SCAN:
```

```
Ingest-MIPS-1 7143168 1020:1030:1035:1040:1041:1042:1048 (200 dces)  
Ingest-MIPS-1 7591680 1020:1030:1035:1040:1041:1042:1048 (202 dces)  
Ingest-MIPS-1 6070016 1020:1030:1035:1040:1041:1042:1048 (1616 dces: NGC300)  
Ingest-MIPS-1 3866624 1020:1030:1035:1040:1041:1042:1048 (1000 dces: XFLS)  
Ingest-MIPS-1 3865856 1020:1030:1035:1040:1041:1042:1048 (1000 dces: XFLS)
```

```
RAW_SCI PHT
```

```
Ingest-MIPS-1 6930176 1028:1030 (16 dces; this is IER; no ensembles will be made!):
```

```
FLATCAL PHT w/ptg:
```

```
Ingest-MIPS-1 7141888 1031:1032:1030 (64 dces)
```

```
FLATCAL SCAN w/ptg:
```

```
Ingest-MIPS-1 7194112 1033:1034:1030 (166 dces)
```

```
LINCAL + PIPE0 w/ptg:
```

```
Ingest-MIPS-1 6763264 1010:1011:5001:1030 (120 dces)
```

```
SUR_DARK w/ptg:
```

```
Ingest-MIPS-1 7161600 1000:1001:1030 (50 dces)
```

```
PIPE0 w/ptg:
```

```
Ingest-MIPS-1 6604800 5001:1030 (20 dces)
```