**JPL**
**Jet Propulsion Laboratory**
California Institute of Technology

*MISR*
**Multi-angle Imaging Spectro-Radiometer**

## INTEROFFICE MEMORANDUM

THIS UPDATE: December 18, 2001
FROM: Barbara Gaitley
SUBJECT: Local Mode data acquisition requests for **January 2002**
FILENAME: /data/MISR_Project/LM/0201_requests.fm

This is the January 2002 list of MISR Local Mode observations to be scheduled by the IOT team. Data acquisition times are based on the latest available GRNDTRCK7_* file, that of December 17, 2001. Rows proceeded with an * have field campaign in progress.

The first table included in this monthly request list shows the length of time for each type of event and the corresponding time offset. This means that the "GMT Start Time" in the main table truly reflects the start time of any event, there is no conversion from Local Mode start time for other types of activities. The type of event is flagged as a reminder of the offset from nadir that is build into the listed time. Cal_dark sequences are scheduled every other new moon, there is not a Cal_dark sequence in January.

### Table 1: Acquisition Times And Offsets

| Operation | Table Abbreviation | Duration (minutes) | Before Nadir (in Table) | Comments |
|---|---|---|---|---|
| Local Mode | LM | 7:35 | 3:47 | |
| Cal_diode, sequence of 4 | CD | 2:08 each | 4:42, first one | Warm up diodes for 5 minutes before starting Cal_diodes |
| Cal_dark | DK | 6:10 | --- | Preferably 7 minutes before end of orbit |
| Cal_north | CN | 7:11 | --- | Scheduled by IOT team before Cal_dark orbit |
| Cal_south | CS | 8:10 | --- | Scheduled by IOT team before Cal_dark orbit |

**Table 2: January 2002 Requests**

| Data product req'd | Priority | LM # | Site Name | Path | Block | Date | Orbit # | GMT Start Time (Event) | Extent (km) |
|---|---|---|---|---|---|---|---|---|---|
| L2-AS | | #012 | TWP_Manus | 96 | 92 | January 01, 2002 | 10844 | 2002/001/00:35:13 (LM) | 77.7 |
| Cal_Diode | | #002 | Algeria_3 | 192 | 66 | January 01, 2002 | 10850 | 2002/001/10:18:36 (CD) | 51.2 |
| L2-AS | * | #040 | Chesapeake | 14 | 61 | January 02, 2002 | 10868 | 2002/002/15:57:36 (LM) | 28.9 |
| L1B1 | | #205 | Plymouth | 204 | 50 | January 05, 2002 | 10909 | 2002/005/11:27:59 (LM) | 53.3 |
| Cal_Diode | | #204 | Egypt_1 | 179 | 69 | January 06, 2002 | 10922 | 2002/006/08:59:06 (CD) | 27.6 |
| Cal_Diode | | #003 | Algeria_5 | 195 | 66 | January 06, 2002 | 10923 | 2002/006/10:36:54 (CD) | 40.4 |
| L2-AS | | #012 | TWP_Manus | 97 | 92 | January 08, 2002 | 10946 | 2002/008/00:41:10 (LM) | 91.0 |
| L2-AS | * | #040 | Chesapeake | 13 | 61 | January 11, 2002 | 10999 | 2002/011/15:51:14 (LM) | 107.1 |
| L2-AS | | #013 | TWP_Nauru | 84 | 91 | January 12, 2002 | 11018 | 2002/012/23:20:14 (LM) | 11.6 |
| Cal_Diode | | #089 | Libya_1 | 187 | 71 | January 14, 2002 | 11039 | 2002/014/09:48:55 (CD) | 5.4 |
| L2-AS | * | #079 | JPL | 41 | 63 | January 15, 2002 | 11059 | 2002/015/18:44:41 (LM) | 29.2 |
| L1B1 | | #091 | London | 201 | 49 | January 16, 2002 | 11069 | 2002/016/11:08:43 (LM) | 26.9 |
| L1A | | #140 | Salar | 233 | 107 | January 16, 2002 | 11071 | 2002/016/14:46:18 (LM) | 5.4 |
| L2-AS | | #012 | TWP_Manus | 96 | 92 | January 17, 2002 | 11077 | 2002/017/00:34:37 (LM) | 83.0 |
| Cal_Diode | | #002 | Algeria_3 | 192 | 66 | January 17, 2002 | 11083 | 2002/017/10:17:58 (CD) | 45.5 |
| L2-AS | * | #040 | Chesapeake | 14 | 61 | January 18, 2002 | 11101 | 2002/018/15:56:56 (LM) | 22.9 |

**Table 2: January 2002 Requests**

| Data product req'd | Pri-ority | LM # | Site Name | Path | Block | Date | Orbit # | GMT Start Time (Event) | Extent (km) |
|---|---|---|---|---|---|---|---|---|---|
| L1B1 | | #205 | Plymouth | 204 | 50 | January 21, 2002 | 11142 | 2002/021/11:27:16 (LM) | 45.6 |
| Cal_Diode | | #204 | Egypt_1 | 179 | 69 | January 22, 2002 | 11155 | 2002/022/08:58:21 (CD) | 37.5 |
| Cal_Diode | | #003 | Algeria_5 | 195 | 66 | January 22, 2002 | 11156 | 2002/022/10:36:10 (CD) | 50.3 |
| L2-AS | | #012 | TWP_Manus | 97 | 92 | January 24, 2002 | 11179 | 2002/024/00:40:25 (LM) | 80.1 |
| L2-AS | * | #040 | Chesapeake | 13 | 61 | January 27, 2002 | 11232 | 2002/027/15:50:45 (LM) | 112.2 |
| L2-AS | | #013 | TWP_Nauru | 84 | 91 | January 28, 2002 | 11251 | 2002/028/23:19:50 (LM) | 13.6 |
| Cal_Diode | | #089 | Libya_1 | 187 | 71 | January 30, 2002 | 11272 | 2002/030/09:48:37 (CD) | 4.9 |
| L2-AS | * | #096 | JPL | 41 | 63 | January 31, 2002 | 11292 | 2002/031/18:44:30 (LM) | 29.8 |

The column labelled "data product required" reflects the highest level of data processing that our science teams members will request, for either Global Mode or Local Mode data products. In the case of Global Mode data products, the processing to Level 2 data products may not be done for data sets acquired prior to May 1, 2002. This table thus gives a list of orbits where we would like early mission data to be processed to Level 2. As this file resides on the developers page, it is for internal JPL use only. Therefore, it is a "wishlist", and does not commit us to producing these products to outside investigators. We recognize that Local Mode data are currently only produced to L1B1 at the DAAC. Thus, the request for L2 Local Mode data products cannot be fulfilled at this time. The purpose of this column, with respect to L2-LM products, is to track of which data sets should be processes to L2, should this capability come to exist some time in the future.

This memorandum is also used as a history, documenting Local Mode and calibration data sets for future reference.