

INTEROFFICE MEMORANDUM

THIS UPDATE: December 19, 2000
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **January 2001**
 FILENAME: /data/MISR_Project/LM/0101_requests.fm

Here is a list of MISR Local Mode observations, to be scheduled by the IOT team. Local Mode acquisition times are for Df acquisition, so there is no other offset needed. Da camera ends acquisition 7:35 minutes later. Data acquisition times are based on the latest GRNDTRCK7_* file, in this case that of December 18, 2000. Rows preceded with an * are extra critical: field campaign in progress.

| Data product req'd | Prior-ity | LM # | Site Name | Path | Block | Date | Orbit # | GMT (Df) | Extent (km) |
|--------------------|-----------|------|--------------|------|-------|-----------------|---------|-------------------|-------------|
| Cal_Diode | | #204 | Egypt_1 | 179 | 69 | January 3, 2001 | 5563 | 2001/003/09:09:32 | 31.0 |
| Cal_Diode | | #003 | Algeria_5 | 195 | 66 | January 3, 2001 | 5564 | 2001/003/10:47:21 | 44.0 |
| L1A | | #189 | White_Sands | 33 | 64 | January 4, 2001 | 5583 | 2001/004/18:05:33 | 3.8 |
| L2-AS | | #012 | TWP_Manus | 97 | 92 | January 5, 2001 | 5587 | 2001/005/00:50:43 | 88.3 |
| L2-AS | | #054 | Egypt_Desert | 177 | 73 | January 5, 2001 | 5592 | 2001/005/08:58:22 | 36.3 |
| L1A | | #094 | Lunar_Lake | 40 | 60 | January 5, 2001 | 5598 | 2001/005/18:47:18 | 23.3 |

| Data product req'd | Prior-ity | LM # | Site Name | Path | Block | Date | Orbit # | GMT (Df) | Extent (km) |
|--------------------|-----------|------|--------------|------|-------|------------------|---------|-------------------|-------------|
| L2-AS | * | #040 | Chesapeake | 13 | 61 | January 8, 2001 | 5640 | 2001/008/16:00:51 | 109.9 |
| L2-AS | | #013 | TWP_Nauru | 84 | 91 | January 9, 2001 | 5659 | 2001/009/23:29:52 | 12.8 |
| Cal_Diode | | #089 | Libya_1 | 187 | 71 | January 11, 2001 | 5680 | 2001/011/09:59:30 | 7.0 |
| L2-AS | * | #079 | JPL | 41 | 63 | January 12, 2001 | 5700 | 2001/012/18:54:25 | 27.8 |
| L1A | | #140 | Salar | 233 | 107 | January 13, 2001 | 5712 | 2001/013/14:56:03 | 3.1 |
| L2-AS | | #012 | TWP_Manus | 96 | 92 | January 14, 2001 | 5718 | 2001/014/00:44:22 | 82.1 |
| Cal_Diode | | #002 | Algeria_3 | 192 | 66 | January 14, 2001 | 5724 | 2001/014/10:28:38 | 46.3 |
| L2-AS | * | #040 | Chesapeake | 14 | 61 | January 15, 2001 | 5742 | 2001/015/16:06:41 | 23.6 |
| Cal_Diode | | #204 | Egypt_1 | 179 | 69 | January 19, 2001 | 5796 | 2001/019/09:09:02 | 36.3 |
| Cal_Diode | | #003 | Algeria_5 | 195 | 66 | January 19, 2001 | 5797 | 2001/019/10:46:51 | 49.3 |
| L1A | | #189 | White_Sands | 33 | 64 | January 20, 2001 | 5816 | 2001/020/18:04:60 | 8.8 |
| L2-AS | | #012 | TWP_Manus | 97 | 92 | January 21, 2001 | 5820 | 2001/021/00:50:10 | 81.2 |
| L2-AS | | #054 | Egypt_Desert | 177 | 73 | January 21, 2001 | 5825 | 2001/021/08:57:49 | 29.4 |
| L1A | | #094 | Lunar_Lake | 40 | 60 | January 21, 2001 | 5831 | 2001/021/18:46:44 | 29.3 |
| L2-AS | * | #040 | Chesapeake | 13 | 61 | January 24, 2001 | 5873 | 2001/024/16:00:12 | 117.8 |
| L2-AS | | #013 | TWP_Nauru | 84 | 91 | January 25, 2001 | 5892 | 2001/025/23:29:17 | 21.1 |
| Cal_Diode | | #089 | Libya_1 | 187 | 71 | January 27, 2001 | 5913 | 2001/027/09:58:59 | 11.2 |
| L2-AS | * | #079 | JPL | 41 | 63 | January 28, 2001 | 5933 | 2001/028/18:53:58 | 24.6 |

| Data product req'd | Priority | LM # | Site Name | Path | Block | Date | Orbit # | GMT (Df) | Extent (km) |
|--------------------|----------|------|-----------|------|-------|------------------|---------|-------------------|-------------|
| L1A | | #140 | Salar | 233 | 107 | January 29, 2001 | 5945 | 2001/029/14:55:39 | 5.4 |
| L2-AS | | #012 | TWP_Manus | 96 | 92 | January 30, 2001 | 5951 | 2001/030/00:43:59 | 84.4 |
| Cal_Diode | | #002 | Algeria_3 | 192 | 66 | January 30, 2001 | 5957 | 2001/030/10:28:17 | 44.9 |

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, 2001. 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 document is also used as a history, documenting Local Mode and calibration data sets for future reference.

Those cases labelled as 'Cal_Diode' do not start at the Df camera time listed, but at a time appropriate for the Cal_Diode sequence of events. There is no Cal_Dark requested during the month of January, Cal_Dark is scheduled every other new moon.