

**INTEROFFICE MEMORANDUM**

THIS UPDATE: November 22, 2001  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **November 2001**  
 FILENAME: /data/MISR\_Project/LM/0110\_requests.fm

This is the November 2001 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 October 22, 2001. Rows preceded 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 no Cal\_dark sequence in November.

**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: November 2001 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	November 02, 2001	9977	2001/306/11:29:33 (LM)	49.1
Cal_Diode		#204	Egypt_1	179	69	November 03, 2001	9990	2001/307/09:00:43 (CD)	34.7
Cal_Diode		#003	Algeria_5	195	66	November 03, 2001	9991	2001/307/10:38:32 (CD)	47.3
L2-AS		#012	TWP_Manus	97	92	November 05, 2001	10014	2001/309/00:42:51 (LM)	85.1
L2-AS	*	#040	Chesapeake	13	61	November 08, 2001	10067	2001/312/15:53:05 (LM)	107.0
L2-AS		#013	TWP_Nauru	84	91	November 09, 2001	10086	2001/313/23:22:08 (LM)	10.8
Cal_Diode		#089	Libya_1	187	71	November 11, 2001	10107	2001/315/09:50:52 (CD)	4.4
L2-AS	*	#079	JPL	41	63	November 12, 2001	10127	2001/316/18:46:43 (LM)	32.8
L1B1		#091	London	201	49	November 13, 2001	10137	2001/317/11:10:45 (LM)	21.0
L1A		#140	Salar	233	107	November 13, 2001	10139	2001/317/14:48:22 (LM)	3.1
L2-AS		#012	TWP_Manus	96	92	November 14, 2001	10145	2001/318/00:36:40 (LM)	77.5
Cal_Diode		#002	Algeria_3	192	66	November 14, 2001	10151	2001/318/10:20:02 (CD)	52.1
L2-AS	*	#040	Chesapeake	14	61	November 15, 2001	10169	2001/319/15:58:60 (LM)	29.5
L1B1		#205	Plymouth	204	50	November 18, 2001	10210	2001/322/11:29:18 (LM)	54.2
Cal_Diode		#204	Egypt_1	179	69	November 19, 2001	10223	2001/323/09:00:24 (CD)	29.8
Cal_Diode		#003	Algeria_5	195	66	November 19, 2001	10224	2001/323/10:38:12 (CD)	42.3

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#012	TWP_Manus	97	92	November 21, 2001	10247	2001/325/00:42:24 (LM)	86.5
L2-AS	*	#040	Chesapeake	13	61	November 24, 2001	10300	2001/328/15:52:19 (LM)	113.1
L2-AS		#013	TWP_Nauru	84	91	November 25, 2001	10319	2001/329/23:21:14 (LM)	21.4
Cal_Diode		#089	Libya_1	187	71	November 27, 2001	10340	2001/331/09:49:51 (CD)	14.8
L2-AS	*	#096	JPL	41	63	November 28, 2001	10360	2001/332/18:45:34 (LM)	18.4
L1B1		#091	London	201	49	November 29, 2001	10370	2001/333/11:09:39 (LM)	33.1
L1A		#140	Salar	233	107	November 29 2001	10372	2001/333/14:47:16 (LM)	15.2
L2-AS		#012	TWP_Manus	96	92	November 30, 2001	10378	2001/334/00:35:36 (LM)	92.9
Cal_Diode		#002	Algeria_3	192	66	November 30, 2001	10384	2001/334/10:18:59 (CD)	39.6

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