

**INTEROFFICE MEMORANDUM**

THIS UPDATE: June 19, 2001  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **June 2001**  
 FILENAME: /data/MISR\_Project/LM/0105\_requests.fm

This is the June 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 April 16, 2001. Rows proceeded with an \* are extra critical: 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 a Cal\_dark in June.

**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	---	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: June 2001 Requests**

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#040	Chesapeake	13	61	June 01, 2001	7737	2001/152/15:57:38 (LM)	107.7
L2-AS		#013	TWP_Nauru	84	91	June 02, 2001	7756	2001/153/23:26:38 (LM)	11.6
Cal_Diode		#089	Libya_1	187	71	June 04, 2001	7777	2001/155/09:55:19 (CD)	5.4
L1A	*	#210	Zurich	194	53	June 05, 2001	7792	2001/156/10:33:07 (LM)	51.6
L2-AS	*	#079	JPL	41	63	June 05, 2001	7797	2001/156/18:51:07 (LM)	29.8
L1B1		#091	London	201	49	June 06, 2001	7807	2001/157/11:15:09 (LM)	25.1
L1A		#140	Salar	233	107	June 07, 2001	7809	2001/157/14:52:45 (LM)	3.1
L2-AS		#012	TWP_Manus	96	92	June 07, 2001	7815	2001/158/00:41:03 (LM)	81.9
Cal_Diode		#002	Algeria_3	192	66	June 07, 2001	7821	2001/158/10:24:24 (CD)	47.6
L2-AS	*	#040	Chesapeake	14	61	June 08, 2001	7839	2001/159/16:03:21 (LM)	24.6
L1B1		#205	Plymouth	204	50	June 11, 2001	7880	2001/162/11:33:39 (LM)	47.2
Cal_Diode		#204	Egypt_1	179	69	June 12, 2001	7893	2001/163/09:04:44 (CD)	36.1
Cal_Diode		#003	Algeria_5	195	66	June 12, 2001	7894	2001/163/10:42:32 (CD)	48.6
L1A		#189	White_Sands	33	64	June 13, 2001	7913	2001/164/18:01:36 (LM)	8.5
L2-AS		#012	TWP_Manus	97	92	June 14, 2001	7917	2001/165/00:46:45 (LM)	80.2
L2-AS		#054	Egypt_Desert	177	73	June 14, 2001	7922	2001/165/08:54:24 (LM)	29.3

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1A		#094	Lunar_Lake	40	60	June 14, 2001	7928	2001/165/18:43:19 (LM)	28.8
L2-AS	*	#040	Chesapeake	13	61	June 17, 2001	7970	2001/168/15:58:00 (LM)	108.0
L2-AS		#013	TWP_Nauru	84	91	June 18, 2001	7989	2001/169/23:27:00 (LM)	12.0
Cal_Diode		#089	Libya_1	187	71	June 20, 2001	8010	2001/171/09:56:18 (CD)	5.0
Cal_North		---	26.0 °N, 159.1 °E	210	---	June 21, 2001	8026	2001/171/11:46:48 (CN)	---
Cal_South		---	64.5 °S, 98.8 °W	9	---	June 21, 2001	8028	2001/171/16:04:05 (CS)	---
Cal_Dark		---	26.6 °S, 71.9 °E	25	---	June 21, 2001	8029	2001/171/18:07:21 (DK)	---
L2-AS	*	#138	Rogers_Dry_L	41	63	June 21, 2001	8030	2001/172/18:50:14 (LM)	35.7
L1B1		#091	London	201	49	June 22, 2001	8040	2001/173/11:16:00 (LM)	26.0
L1A		#140	Salar	233	107	June 22, 2001	8042	2001/173/14:53:00 (LM)	3.0
L2-AS		#012	TWP_Manus	96	92	June 23, 2001	8048	2001/174/00:42:00 (LM)	82.0
Cal_Diode		#002	Algeria_3	192	66	June 23, 2001	8054	2001/174/10:25:18 (CD)	47.0
L2-AS	*	#094	Chesapeake	14	61	June 24, 2001	8072	2001/175/16:04:00 (LM)	23.0
L1B1		#205	Plymouth	204	50	June 27, 2001	8113	2001/178/11:34:00 (LM)	49.0
Cal_Diode		#204	Egypt_1	179	69	June 28, 2001	8126	2001/179/09:05:18 (CD)	33.0
Cal_Diode		#003	Algeria_5	195	66	June 28, 2001	8127	2001/179/10:43:18 (CD)	46.0
L1A		#189	White_Sands	33	64	June 29, 2001	8146	2001/180/18:02:00 (LM)	3.0
L2-AS		#012	TWP_Manus	97	92	June 30, 2001	8150	2001/181/00:48:00 (LM)	86.0

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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		#054	Egypt_Desert	177	73	June 30, 2001	8155	2001/181/08:55:00 (LM)	36.0
L1A		#094	Lunar_Lake	40	60	June 30, 2001	8161	2001/181/18:44:00 (LM)	23.0

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.