

INTEROFFICE MEMORANDUM

THIS UPDATE: July 16, 2002
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **March 2002**
 FILENAME: /data/MISR_Project/LM/0203_requests.fm

This is the March 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 February 24, 2002. 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 March.

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: March 2002 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#013	TWP_Nauru	84	91	March 01, 2002	11717	2002/060/23:19:06 (LM)	12.2
Cal_Diode		#089	Libya_1	187	71	March 03 2002	11738	2002/062/09:47:47 (CD)	4.9
L2-AS	*	#079	JPL	41	63	March 03, 2002	11758	2002/063/18:43:43 (LM)	29.1
L1B1		#091	London	201	49	March 05, 2002	11768	2002/064/11:07:46 (LM)	25.7
L1A		#140	Salar	233	107	March 05, 2002	11770	2002/064/14:45:23 (LM)	0.0
L2-AS		#012	TWP_Manus	96	92	March 06, 2002	11776	2002/065/00:33:42 (LM)	79.1
Cal_Diode		#002	Algeria_3	192	66	March 06, 2002	11782	2002/065/10:16:54 (CD)	47.4
L2-AS	*	#040	Chesapeake	14	61	March 07, 2002	11800	2002/066/15:56:06 (LM)	24.8
L1B1		#205	Plymouth	204	50	March 10, 2002	11841	2002/069/11:26:32 (LM)	49.8
Cal_Diode		#204	Egypt_1	179	69	March 11, 2002	11854	2002/070/08:57:11 (CD)	31.5
Cal_Diode		#003	Algeria_5	195	66	March 11, 2002	11855	2002/070/10:34:59 (CD)	44.5
L2-AS		#012	TWP_Manus	97	92	March 13, 2002	11878	2002/072/00:39:47 (LM)	89.4
L2-AS		#054	Egypt_Desert	177	73	March 13, 2002	11883	2002/072/08:47:26 (LM)	36.1
L2-AS	*	#040	Chesapeake	13	61	March 16, 2002	11931	2002/075/15:49:56 (LM)	112.0
L2-AS		#013	TWP_Nauru	84	91	March 17, 2002	11950	2002/076/23:18:57 (LM)	13.4
Cal_Diode		#089	Libya_1	187	71	March 19, 2002	11971	2002/078/09:47:26 (CD)	8.8

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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	*	#079	JPL	41	63	March 20, 2002	11991	2002/079/18:43:28 (LM)	24.7
L1B1		#091	London	201	49	March 21, 2002	12001	2002/080/11:07:30 (LM)	30.5
L1A		#140	Salar	233	107	March 21, 2002	12003	2002/080/14:45:06 (LM)	3.8
L2-AS		#012	TWP_Manus	96	92	March 22, 2002	12009	2002/081/00:33:24 (LM)	84.9
Cal_Diode		#002	Algeria_3	192	66	March 22, 2002	12015	2002/081/10:16:44 (CD)	42.0
L2-AS	*	#040	Chesapeake	14	61	March 23, 2002	12033	2002/082/15:55:43 (LM)	18.1
L1B1		#205	Plymouth	204	50	March 26, 2002	12074	2002/085/11:26:00 (LM)	40.7
Cal_Diode		#204	Egypt_1	179	69	March 27, 2002	12087	2002/086/08:58:18 (CD)	43.8
Cal_Diode		#003	Algeria_5	195	66	March 27, 2002	12088	2002/086/10:35:18 (CD)	56.5
L2-AS		#012	TWP_Manus	97	92	March 29, 2002	12111	2002/088/00:39:13 (LM)	76.6
L2-AS		#054	Egypt_Desert	177	73	March 29, 2002	12116	2002/088/08:46:54 (LM)	25.0

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, 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.

Note that the JPL Local Mode for March 20 did not occur because Terra had a 'safe mode' anomaly at the time, preventing data collection at that time.