

INTEROFFICE MEMORANDUM

THIS UPDATE: August 14, 2001
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **September 2001**
 FILENAME: /data/MISR_Project/LM/0109_requests.fm

This is the September 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 August 13, 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 in September.

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: September 2001 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1A		#189	White_Sands	33	64	September 01, 2001	9078	2001/244/18:00:01 (LM)	5.8
L2-AS		#012	TWP_Manus	97	92	September 02, 2001	9082	2001/245/00:45:11 (LM)	96.0
L2-AS		#054	Egypt_Desert	177	73	September 02, 2001	9087	2001/245/08:52:50 (LM)	44.3
L1A		#094	Lunar_Lake	40	60	September 02, 2001	9093	2001/245/18:41:45 (LM)	15.9
L2-AS	*	#040	Chesapeake	13	61	September 05, 2001	9135	2001/248/15:55:14 (LM)	103.1
L2-AS		#013	TWP_Nauru	84	91	September 06, 2001	9154	2001/249/23:24:14 (LM)	7.3
Cal_Diode		#089	Libya_1	187	71	September 08, 2001	9175	2001/251/09:52:55 (CD)	0.0
L2-AS	*	#079	JPL	41	63	September 09, 2001	9195	2001/252/18:48:42 (LM)	33.5
L1B1		#091	London	201	49	September 10, 2001	9205	2001/253/11:12:44 (LM)	23.0
L1A		#140	Salar	233	107	September 10, 2001	9207	2001/253/14:50:20 (LM)	2.2
L2-AS		#012	TWP_Manus	96	92	September 11, 2001	9213	2001/254/00:38:38 (LM)	77.7
Cal_Diode		#002	Algeria_3	192	66	September 11, 2001	9219	2001/254/10:21:59 (CD)	51.2
L2-AS	*	#040	Chesapeake	14	61	September 12, 2001	9237	2001/255/16:00:55 (LM)	28.1
L1B1		#205	Plymouth	204	50	September 15, 2001	9278	2001/258/11:31:12 (LM)	50.3
Cal_Diode		#204	Egypt_1	179	69	September 16, 2001	9291	2001/259/09:02:17 (CD)	32.6
Cal_Diode		#003	Algeria_5	195	66	September 16, 2001	9292	2001/259/10:40:05 (CD)	45.1

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1A		#189	White_Sands	33	64	September 17, 2001	9311	2001/260/17:59:08 (LM)	6.2
L2-AS		#012	TWP_Manus	97	92	September 18, 2001	9315	2001/261/00:44:18 (LM)	84.1
L2-AS		#054	Egypt_Desert	177	73	September 18, 2001	9320	2001/261/08:51:56 (LM)	33.2
L1A		#094	Lunar_Lake	40	60	September 18, 2001	9326	2001/261/18:40:51 (LM)	25.5
L2-AS	*	#040	Chesapeake	13	61	September 21, 2001	9368	2001/264/15:54:17 (LM)	114.8
L2-AS		#013	TWP_Nauru	84	91	September 22, 2001	9387	2001/265/23:23:14 (LM)	21.6
Cal_Diode		#089	Libya_1	187	71	September 24, 2001	9408	2001/267/09:51:54 (CD)	14.1
L2-AS	*	#096	JPL	41	63	September 25, 2001	9428	2001/268/18:47:39 (LM)	20.4
L1B1		#091	London	201	49	September 26, 2001	9438	2001/269/11:11:40 (LM)	32.5
L1A		#140	Salar	233	107	September 26 2001	9440	2001/269/14:49:16 (LM)	14.8
L2-AS		#012	TWP_Manus	96	92	September 27, 2001	9446	2001/270/00:37:34 (LM)	94.2
Cal_Diode		#002	Algeria_3	192	66	September 27, 2001	9452	2001/270/10:20:57 (CD)	38.1
L2-AS	*	#040	Chesapeake	14	61	September 28, 2001	9470	2001/271/15:59:60 (LM)	17.6

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 processed 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.