

INTEROFFICE MEMORANDUM

THIS UPDATE: February 1, 2001
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **February 2002**
 FILENAME: /data/MISR_Project/LM/0202_requests.fm

This is the February 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 January 7, 2001. 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 a Cal_dark sequence in February.

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: February 2002 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#091	London	201	49	February 01, 2002	11302	2002/032/11:08:22 (LM)	27.7
L1A		#140	Salar	233	107	February 01, 2002	11304	2002/032/14:45:58 (LM)	5.4
L2-AS		#012	TWP_Manus	96	92	February 02, 2002	11310	2002/033/00:34:17 (LM)	83.8
Cal_Diode		#002	Algeria_3	192	66	February 02, 2002	11316	2002/033/10:17:39 (CD)	45.1
L2-AS	*	#040	Chesapeake	14	61	February 03, 2002	11334	2002/034/15:56:38 (LM)	22.3
L1B1		#205	Plymouth	204	50	February 06, 2002	11375	2002/037/11:26:59 (LM)	46.1
Cal_Diode		#204	Egypt_1	179	69	February 07, 2002	11388	2002/038/08:58:05 (CD)	37.1
Cal_Diode		#003	Algeria_5	195	66	February 07, 2002	11389	2002/038/10:35:53 (CD)	49.5
L2-AS		#012	TWP_Manus	97	92	February 09, 2002	11412	2002/040/00:40:07 (LM)	80.3
L2-AS		#054	Egypt_Desert	177	73	February 09, 2002	11417	2002/040/08:47:35 (LM)	30.2
Cal_north		---	62.7 °N, 25.7 °W	86	---	February 11, 2002	11455	2002/042/23:03:32 (CN)	---
Cal_south		---	71.8 °S, 47.0 °W	118	---	February 12, 2002	11457	2002/043/03:22:08 (CS)	---
Cal_dark		---	25.7 °S, 96.7 °W	134	---	February 12, 2002	11458	2002/043/05:14:11 (DK)	---
L2-AS	*	#040	Chesapeake	13	61	February 12, 2002	11465	2002/043/15:50:06 (LM)	120.1
L2-AS		#013	TWP_Nauru	84	91	February 13, 2002	11484	2002/044/23:19:03 (LM)	26.7
Cal_Diode		#089	Libya_1	187	71	February 15, 2002	11505	2002/046/09:47:52 (CD)	16.5

Table 2: February 2002 Requests

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	February 16, 2002	11525	2002/047/18:43:45 (LM)	20.3
L1B1		#091	London	201	49	February 17, 2002	11535	2002/048/11:07:50 (LM)	33.6
L1A		#140	Salar	233	107	February 17, 2002	11537	2002/048/14:45:26 (LM)	10.5
L2-AS		#012	TWP_Manus	96	92	February 18, 2002	11543	2002/049/00:33:45 (LM)	90.0
Cal_Diode		#002	Algeria_3	192	66	February 18, 2002	11549	2002/049/10:17:08 (CD)	40.0
L2-AS	*	#040	Chesapeake	14	61	February 19, 2002	11567	2002/050/15:56:09 (LM)	18.4
L1B1		#205	Plymouth	204	50	February 22, 2002	11608	2002/053/11:26:33 (LM)	43.9
Cal_Diode		#204	Egypt_1	179	69	February 23, 2002	11621	2002/054/08:57:39 (CD)	39.3
Cal_Diode		#003	Algeria_5	195	66	February 23, 2002	11622	2002/054/10:35:28 (CD)	52.0
L2-AS		#012	TWP_Manus	97	92	February 25, 2002	11645	2002/056/00:41:00 (LM)	80.0
L2-AS		#054	Egypt_Desert	177	73	February 25, 2002	11650	2002/056/08:47:26 (LM)	38.6
L2-AS	*	#040	Chesapeake	13	61	February 28, 2002	11698	2002/059/15:50:00 (LM)	119.0

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 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.