

INTEROFFICE MEMORANDUM

THIS UPDATE: April 17, 2001
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **April 2001**
 FILENAME: /data/MISR_Project/LM/0104_requests.fm

This is the April 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 March 12, 2001. Rows preceded 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 April.

Table 1: Acquisition Times And Offsets

Operation	Table Abbreviation	Duration (minutes)	Before Nadir	Comments
Local Mode	LM	7:35	3:47	
Cal_diode	CD	2:08	1:04	Warm up diodes for 5 minutes before starting Cal_diode
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: April 2001 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#206	Hashijo_Is	107	64	April 01, 2001	6840	2001/091/01:40:59 (LM)	52.9
Cal_Diode		#089	Libya_1	187	71	April 01, 2001	6845	2001/091/10:00:34 (CD)	3.8
L2-AS	*	#079	JPL	41	63	April 01, 2001	6865	2001/092/18:52:48 (LM)	30.6
L1B1		#091	London	201	49	April 03, 2001	6875	2001/093/11:16:51 (LM)	23.7
L1A		#140	Salar	233	107	April 03, 2001	6877	2001/093/14:54:28 (LM)	3.1
L2-AS		#012	TWP_Manus	96	92	April 04, 2001	6883	2001/094/00:42:47 (LM)	78.7
L2-AS	*	#207	Amami_Is	112	68	April 04, 2001	6884	2001/094/02:13:18 (LM)	88.2
Cal_Diode		#002	Algeria_3	192	66	April 04, 2001	6889	2001/094/10:29:47 (CD)	50.1
L2-AS	*	#040	Chesapeake	14	61	April 05, 2001	6907	2001/095/16:05:09 (LM)	27.6
L2-AS	*	#208	Mineyama	110	62	April 06, 2001	6913	2001/096/01:58:54 (LM)	13.4
L1B1		#205	Plymouth	204	50	April 08, 2001	6948	2001/098/11:35:33 (LM)	52.7
L2-AS	*	#209	Cheju_Is	115	64	April 09, 2001	6957	2001/099/02:30:20 (LM)	38.4
Cal_Diode		#204	Egypt_1	179	69	April 09, 2001	6961	2001/099/09:10:18 (CD)	28.4
Cal_Diode		#003	Algeria_5	195	66	April 09, 2001	6962	2001/099/10:48:07 (CD)	41.2
L2-AS	*	#206	Hashijo_Is	106	64	April 10, 2001	6971	2001/100/01:34:48 (LM)	85.7
L1A		#189	White_Sands	33	64	April 10, 2001	6981	2001/100/18:03:36 (LM)	2.2

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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	April 11, 2001	6985	2001/101/00:48:46 (LM)	90.9
L2-AS	*	#207	Amami_Is	113	68	April 11, 2001	6986	2001/101/02:19:16 (LM)	61.4
L2-AS		#054	Egypt_Desert	177	73	April 11, 2001	6990	2001/101/08:56:25 (LM)	39.5
L1A		#094	Lunar_Lake	40	60	April 11, 2001	6996	2001/101/18:45:21 (LM)	20.2
L2-AS	*	#208	Mineyama	111	62	April 13, 2001	7015	2001/103/02:04:50 (LM)	124.8
L2-AS	*	#040	Chesapeake	13	61	April 14, 2001	7038	2001/104/15:58:54 (LM)	106.7
L2-AS		#013	TWP_Nauru	84	91	April 15, 2001	7057	2001/105/23:27:55 (LM)	9.3
L2-AS	*	#209	Cheju_Is	116	64	April 16, 2001	7059	2001/106/02:36:13 (LM)	102.6
L2-AS	*	#206	Hashijo_Is	107	64	April 17, 2001	7073	2001/107/01:40:41 (LM)	55.0
Cal_Diode		#089	Libya_1	187	71	April 17, 2001	7078	2001/107/10:00:16 (CD)	2.2
L2-AS	*	#079	JPL	41	63	April 18, 2001	7098	2001/108/18:52:27 (LM)	31.6
L1B1		#091	London	201	49	April 19, 2001	7108	001/109/11:16:29 (LM)	23.5
L1A		#140	Salar	233	107	April 19, 2001	7110	001/109/14:54:05 (LM)	0.0
L2-AS		#012	TWP_Manus	96	92	April 20, 2001	7116	2001/110/00:42:24 (LM)	78.7
L2-AS	*	#207	Amami_Is	112	68	April 20, 2001	7117	2001/110/02:12:55 (LM)	88.1
Cal_Diode		#002	Algeria_3	192	66	April 20, 2001	7122	2001/110/10:29:23 (CD)	50.1
L2-AS	*	#040	Chesapeake	14	61	April 21, 2001	7140	2001/111/16:04:43 (LM)	27.1
L2-AS	*	#208	Mineyama	110	62	April 22, 2001	7146	2001/112/01:58:28 (LM)	14.6

Table 2: April 2001 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_north		---		12	---	April 23, 2001	7169	2001/113/15:27:58 (CN)	---
Cal_south		---		44	--	April 23, 2001	7171	2001/113/19:45:24 (CS)	---
Cal_dark		---	25.2 °S, 106.21 °W	140	--	April 24, 2001	7177	2001/114/05:59:52 (DK)	---
L1B1		#205	Plymouth	204	50	April 24, 2001	7181	2001/114/11:35:02 (LM)	52.0
L2-AS	*	#209	Cheju_Is	115	64	April 25, 2001	7190	2001/115/02:29:48 (LM)	41.0
Cal_Diode		#204	Egypt_1	179	69	April 25, 2001	7194	2001/115/09:09:46 (CD)	31.8
Cal_Diode		#003	Algeria_5	195	66	April 25, 2001	7195	2001/115/10:47:39 (CD)	44.6
L2-AS	*	#206	Hashijo_Is	106	64	April 26, 2001	7204	2001/116/01:34:15 (LM)	89.5
L1A		#189	White_Sands	33	64	April 26, 2001	7214	2001/116/18:03:02 (LM)	4.4
L2-AS		#012	TWP_Manus	97	92	April 27 2001	7218	2001/117/00:48:11 (LM)	85.6
L2-AS	*	#207	Amami_Is	113	68	April 27, 2001	7219	2001/117/02:18:41 (LM)	56.9
L2-AS		#054	Egypt_Desert	177	73	April 27, 2001	7223	2001/117/08:55:50 (LM)	34.4
L1A		#094	Lunar_Lake	40	60	April 27, 2001	7229	2001/117/18:44:45 (LM)	24.4
L2-AS	*	#208	Mineyama	111	62	April 29, 2001	7248	2001/119/02:05:00 (LM)	112.0
L2-AS	*	#040	Chesapeake	13	61	April 30, 2001	7271	2001/120/15:59:00 (LM)	120.0

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.