

INTEROFFICE MEMORANDUM

THIS UPDATE: February 24, 2003
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **March 2003**
 FILENAME: /data/MISR_Project/LM/0303_requests.fm

This is the March 2003 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, 2003. 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_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: March 2003 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#179	USDA_MD	15	59	March 01, 2003	17028	2003/060/16:00:45 (LM)	5.4
L2-AS	*	#040	Chesapeake	13	61	March 03, 2003	17057	2003/062/15:49:02 (LM)	120.2
L2-AS		#013	TWP_Nauru	84	91	March 04, 2003	17076	2003/063/23:18:03 (LM)	23.8
Cal_Diode		#089	Libya_1	187	71	March 06, 2003	17097	2003/065/09:46:46 (LM)	17.6
L2-AS	*	#070	Houston	25	67	March 07, 2003	17116	2003/066/17:05:02 (LM)	47.9
L2-AS		#079	JPL	41	63	March 07, 2003	17117	2003/066/18:42:38 (LM)	18.1
L1B1		#091	London	201	49	March 08, 2003	17127	2003/067/11:06:44 (LM)	36.9
L1A		#140	Salar	233	107	March 08, 2003	17129	2003/067/14:44:20 (LM)	10.5
L2-AS		#012	TWP_Manus	96	92	March 09, 2003	17135	2003/068/00:32:40 (LM)	91.0
Cal_Diode		#002	Algeria_3	192	66	March 09, 2003	17141	2003/068/10:16:03 (CD)	37.5
L2-AS	*	#040	Chesapeake	14	61	March 10, 2003	17159	2003/069/15:55:05 (LM)	16.3
L1B1		#013	TWP_Nauru	85	91	March 11, 2003	17178	2003/070/23:24:12 (LM)	147.0
L2-AS		#112	MontereyBay	44	61	March 12, 2003	17190	2003/071/19:00:33 (LM)	34.2
L1B1		#205	Plymouth	204	50	March 13, 2003	17200	2003/072/11:25:35 (LM)	43.7
Cal_Diode		#204	Egypt_1	179	69	March 14, 2003	17213	2003/073/08:56:45 (CD)	39.3
Cal_Diode		#003	Algeria_5	195	66	March 14, 2003	17214	2003/073/10:34:34 (CD)	52.2
L2-AS	*	#070	Houston	26	67	March 14, 2003	17218	2003/073/17:11:16 (LM)	102.3

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#012	TWP_Manus	97	92	March 16, 2003	17237	2003/075/00:38:54 (LM)	82.0
L2-AS		#054	Egypt_Desert	177	73	March 16, 2003	17242	2003/075/08:46:34 (LM)	29.6
L2-AS	*	#179	USDA_MD	15	59	March 17, 2003	17261	2003/076/16:00:49 (LM)	3.1
L2-AS	*	#040	Chesapeake	13	61	March 19, 2003	17290	2003/078/15:49:11 (LM)	114.5
L2-AS		#013	TWP_Nauru	84	91	March 19, 2003	17309	2003/079/23:18:15 (LM)	15.4
Cal_Diode		#089	Libya_1	187	71	March 22, 2003	17330	2003/081/09:47:02 (CD)	7.9
L2-AS	*	#070	Houston	25	67	March 23, 2003	17349	2003/082/17:05:19 (LM)	38.9
L2-AS		#079	JPL	41	63	March 23, 2003	17350	2003/082/18:42:55 (LM)	26.2
L1B1		#091	London	201	49	March 24, 2003	17360	2003/083/11:06:59 (LM)	28.4
L1A		#140	Salar	233	107	March 24, 2003	17362	2003/083/14:44:35 (LM)	3.8
L2-AS		#012	TWP_Manus	96	92	March 25, 2003	17368	2003/084/00:32:55 (LM)	81.0
Cal_Diode		#002	Algeria_3	192	66	March 25, 2003	17374	2003/084/10:16:18 (CD)	46.1
L2-AS	*	#040	Chesapeake	14	61	March 26, 2003	17392	2003/085/15:55:19 (LM)	24.2
L2-AS		#013	TWP_Nauru	85	91	March 27, 2003	17411	2003/086/23:24:25 (LM)	156.0
L2-AS		#112	MontereyBay	44	61	March 28, 2003	17423	2003/087/19:00:46 (LM)	41.0
L1B1		#205	Plymouth	204	50	March 29, 2003	17433	2003/088/11:25:47 (LM)	49.5
Cal_Diode		#204	Egypt_1	179	69	March 30, 2003	17446	2003/089/08:56:56 (CD)	31.6
Cal_Diode		#003	Algeria_5	195	66	March 30, 2003	17447	2003/089/10:34:45 (CD)	44.8

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#070	Houston	26	67	March 30, 2003	17451	2003/089/17:11:27 (LM)	109.6

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. 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. This column tracks data sets that should be processed to L2, when this capability comes to exist.

This memorandum is also used as a history, documenting Local Mode and calibration data sets for future reference.