

**INTEROFFICE MEMORANDUM**

THIS UPDATE: September 25, 2003  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **October 2003**  
 FILENAME: /data/MISR\_Project/LM/0310\_requests.fm

This is the October 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 September 22, 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 October.

**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: October 2003 Requests**

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#070	Houston	25	67	October 01, 2003	20145	2003/274/17:04:17 (LM)	46.2
L2-AS		#079	JPL	41	63	October 01, 2003	20146	2003/274/18:41:53 (LM)	19.0
L1B1		#091	London	201	49	October 02, 2003	20156	2003/275/11:05:58 (LM)	36.5
L1A		#140	Salar	233	107	October 02, 2003	20158	2003/275/14:43:34 (LM)	6.2
Cal_Diode		#109	MOBY_Buoy	64	74	October 02, 2003	20162	2003/275/21:06:51 (CD)	12.2
L2-AS		#012	TWP_Manus	96	92	October 03, 2003	20164	2003/276/00:31:54 (LM)	87.4
Cal_Diode		#002	Algeria_3	192	66	October 03, 2003	20170	2003/276/10:15:17 (CD)	38.7
L2-AS	*	#040	Chesapeake	14	61	October 04, 2003	20188	2003/277/15:54:19 (LM)	16.2
L1B1	*	#223	Carnarvon	94	111	October 05, 2003	20193	2003/278/00:25:55 (LM)	141.9
L1B1		#013	TWP_Nauru	85	91	October 05, 2003	20207	2003/278/23:23:25 (LM)	149.3
L1B1		#205	Plymouth	204	50	October 07, 2003	20229	2003/280/11:24:49 (LM)	40.4
Cal_Diode		#204	Egypt_1	179	69	October 08, 2003	20242	2003/281/08:55:58 (CD)	39.7
Cal_Diode		#003	Algeria_5	195	66	October 08, 2003	20243	2003/281/10:33:47 (CD)	53.0
L2-AS	*	#070	Houston	26	67	October 08, 2003	20247	2003/281/17:10:29 (LM)	101.5
L1B1		#091	London	202	49	October 09, 2003	20258	2003/282/11:12:06 (LM)	75.2
L1B1		#012	TWP_Manus	97	92	October 10, 2003	20266	2003/283/00:38:06 (LM)	82.6
L1B1		#054	Egypt_Desert	177	73	October 10, 2003	20271	2003/283/08:45:47 (LM)	28.6

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#091	London	200	49	October 11, 2003	20287	2003/284/11:00:05 (LM)	143.8
L2-AS	*	#040	Chesapeake	15	61	October 11, 2003	20290	2003/284/16:00:29 (LM)	152.6
L2-AS	*	#040	Chesapeake	13	61	October 13, 2003	20319	2003/286/15:48:23 (LM)	116.7
L1B1	*	#223	Carnarvon	93	111	October 14, 2003	20324	2003/287/00:19:58 (LM)	8.2
L2-AS		#013	TWP_Nauru	84	91	October 15, 2003	20338	2003/287/23:17:28 (LM)	16.8
Cal_Diode		#089	Libya_1	187	71	October 16, 2003	20359	2003/289/09:46:15 (CD)	11.8
L1B1		#042	Chilbolton	203	49	October 16, 2003	20360	2003/289/11:18:26 (LM)	102.3
Cal_Diode		#166	Pacific_Temp	50	67	October 16, 2003	20365	2003/289/19:38:06 (CD)	145.3
L2-AS	*	#070	Houston	25	67	October 17, 2003	20378	2003/290/17:04:31 (LM)	42.5
L2-AS		#079	JPL	41	63	October 17, 2003	20379	2003/290/18:42:07 (LM)	22.9
L1B1		#091	London	201	49	October 18, 2003	20389	2003/291/11:06:12 (LM)	33.6
L1A		#140	Salar	233	107	October 18, 2003	20391	2003/291/14:43:48 (LM)	3.1
Cal_Diode		#109	MOBY_Buoy	64	74	October 18, 2003	20395	2003/291/21:07:05 (CD)	15.9
L2-AS		#012	TWP_Manus	96	92	October 19, 2003	20397	2003/292/00:32:08 (LM)	83.8
Cal_Diode		#002	Algeria_3	192	66	October 19, 2003	20403	2003/292/10:15:30 (CD)	42.1
L2-AS	*	#040	Chesapeake	14	61	October 20, 2003	20421	2003/293/15:54:32 (LM)	18.8
L1B1	*	#223	Carnarvon	94	111	October 20, 2003	20426	2003/294/00:26:08 (LM)	144.5
L1B1		#013	TWP_Nauru	85	91	October 21, 2003	20440	2003/294/23:23:38 (LM)	152.1

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#205	Plymouth	204	50	October 23, 2003	20462	2003/296/11:25:00 (LM)	43.0
Cal_Diode		#204	Egypt_1	179	69	October 24, 2003	20475	2003/297/08:56:09 (CD)	37.7
Cal_Diode		#003	Algeria_5	195	66	October 24, 2003	20476	2003/297/10:33:58 (CD)	51.1
L2-AS	*	#070	Houston	26	67	October 24, 2003	20480	2003/297/17:10:39 (LM)	103.8
L1B1		#091	London	202	49	October 25, 2003	20491	2003/298/11:12:16 (LM)	77.2
L2-AS		#012	TWP_Manus	97	92	October 25, 2003	20499	2003/299/00:38:16 (LM)	84.4
L2-AS		#054	Egypt_Desert	177	73	October 26, 2003	20504	2003/299/08:45:57 (LM)	30.3
L1B1		#091	London	200	49	October 27, 2003	20520	2003/300/11:00:14 (LM)	142.7
L2-AS	*	#040	Chesapeake	15	61	October 27, 2003	20523	2003/300/16:00:38 (LM)	153.8
L2-AS	*	#040	Chesapeake	13	61	October 29, 2003	20552	2003/302/15:48:31 (LM)	116.2
L1B1	*	#223	Carnarvon	93	111	October 30, 2003	20557	2003/303/00:20:06 (LM)	8.2
L2-AS		#013	TWP_Nauru	84	91	October 30, 2003	20571	2003/303/23:17:34 (LM)	16.3

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.