

**INTEROFFICE MEMORANDUM**

THIS UPDATE: August 19, 2005  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **July 2005**  
 FILENAME: /data/MISR\_Project/LM/0507\_requests.fm

This is the July 2005 list of MISR Local Mode observations to be scheduled by the IOT team. Data acquisition times are based on the latest available GRNDTRCK7\_\* file, of June 20, 2005. 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 a Cal\_dark sequence in July.

**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: July 2005 Requests**

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#257	Tumbarumba	91	119	July 01, 2005	29440	2005/182/00:09:45 (LM)	12.4
Cal_Diode		#089	Libya_1	187	71	July 01, 2005	29446	2005/182/09:45:33 (CD)	13.2
Cal_Diode		#166	Pacific_Temp	50	67	July 01, 2005	29452	2005/182/19:37:25 (CD)	147.0
L1B1		#248	Porto_Jofre	226	104	July 01, 2005	29463	2005/183/13:59:03 (LM)	84.1
L2-AS	*	#070	Houston	25	67	July 02, 2005	29465	2005/183/17:03:50 (LM)	44.2
L2-AS		#079	JPL	41	63	July 02, 2005	29466	2005/183/18:41:26 (LM)	21.3
L1B1		#256	HowardSpring	105	101	July 03, 2005	29470	2005/184/01:30:16 (LM)	83.8
L1B1		#091	London	201	49	July 03, 2005	29476	2005/184/11:05:30 (LM)	33.5
L1B1		#140	Salar	233	107	July 03, 2005	29478	2005/184/14:43:06 (LM)	6.2
L2-AS		#179	USDA_MD	16	59	July 03, 2005	29479	2005/184/16:05:29 (LM)	128.0
Cal_Diode		#109	MOBY_Buoy	64	74	July 03, 2005	29482	2005/184/21:06:23 (CD)	13.9
L2-AS		#012	TWP_Manus	96	92	July 04, 2005	29484	2005/185/00:31:26 (LM)	86.4
L1B1		#251	Okavango	176	106	July 04, 2005	29489	2005/185/08:50:28 (LM)	148.8
Cal_Diode		#002	Algeria_3	192	66	July 04, 2005	29490	2005/185/10:14:48 (CD)	40.8
L1B1		#247	Eridu	167	66	July 05, 2005	29503	2005/186/07:41:12 (LM)	8.8
L2-AS	*	#040	Chesapeake	14	61	July 05, 2005	29508	2005/186/15:53:50 (LM)	18.1
L1B1		#250	Sudd	174	84	July 06, 2005	29518	2005/187/08:30:38 (LM)	69.3
Cal_North		---	28.7 °N, 164.5 °E	206	---	July 06, 2005	29520	2005/187/11:12:51 (CN)	---
Cal_South		---	63.6 °S, 92.0 °W	5	---	July 06, 2005	29522	2005/187/15:30:27 (CS)	---

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Dark		---	1.4 °N, 71.9 °E	21	---	July 06, 2005	29523	2005/187/17:31:43 (DK)	---
L2-AS		#013	TWP_Nauru	85	91	July 06, 2005	29527	2005/187/23:22:55 (LM)	150.0
L1B1		#260	Munhamade	165	104	July 07, 2005	29532	2005/188/07:41:55 (LM)	153.0
L1B1		#249	RessacaBrzl	229	93	July 07, 2005	29536	2005/188/14:13:35 (LM)	35.2
L1B1	*	#259	BostonHarbor	12	57	July 07, 2005	29537	2005/188/15:39:59 (LM)	7.0
L1B1		#257	Tumbarumba	92	119	July 08, 2005	29542	2005/189/00:15:52 (LM)	150.9
L1B1		#205	Plymouth	204	50	July 08, 2005	29549	2005/189/11:24:18 (LM)	42.4
Cal_Diode		#204	Egypt_1	179	69	July 09, 2005	29562	2005/190/08:55:26 (CD)	38.1
Cal_Diode		#003	Algeria_5	195	66	July 09, 2005	29563	2005/190/10:33:15 (CD)	51.1
L1B1		#163	Tapajos	227	93	July 09, 2005	29565	2005/190/14:01:17 (LM)	64.8
L2-AS	*	#070	Houston	26	67	July 09, 2005	29567	2005/190/17:09:57 (LM)	103.2
L1B1		#257	Tumbarumba	90	119	July 10, 2005	29571	2005/191/00:03:45 (LM)	123.1
L1B1		#256	HowardSpring	106	101	July 10, 2005	29572	2005/191/01:36:24 (LM)	80.9
L1B1		#140	Salar	1	107	July 10, 2005	29580	2005/191/14:49:14 (LM)	153.5
L2-AS		#012	TWP_Manus	97	92	July 11, 2005	29586	2005/192/00:37:34 (LM)	82.9
L1B1		#054	Egypt_Desert	177	73	July 11, 2005	29591	2005/192/08:45:14 (LM)	29.8
L1B1		#247	Eridu	168	66	July 12, 2005	29605	2005/193/07:47:18 (LM)	154.6
L1B1		#140	Salar	232	107	July 12, 2005	29609	2005/193/14:37:04 (LM)	161.4
L2-AS	*	#040	Chesapeake	15	61	July 12, 2005	29610	2005/193/15:59:56 (LM)	153.7
L1B1		#251	Okavango	175	106	July 13, 2005	29620	2005/194/08:44:26 (LM)	8.5

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#247	Eridu	166	66	July 14, 2005	29634	2005/195/07:35:10 (LM)	135.1
L1B1		#249	RessacaBrzl	230	93	July 14, 2005	29638	2005/195/14:19:43 (LM)	134.0
L2-AS	*	#040	Chesapeake	13	61	July 14, 2005	29639	2005/195/15:47:49 (LM)	115.9
L1B1		#250	Sudd	173	84	July 15, 2005	29649	2005/196/08:24:35 (LM)	95.4
L2-AS		#013	TWP_Nauru	84	91	July 15, 2005	29658	2005/196/23:16:52 (LM)	16.3
L1B1		#163	Tapajos	228	93	July 16, 2005	29667	2005/197/14:07:25 (LM)	104.4
L1B1	*	#259	BostonHarbor	11	57	July 16, 2005	29668	2005/197/15:33:58 (LM)	117.0
L2-AS		#105	Mexico_City	27	75	July 16, 2005	29669	2005/197/17:19:01 (LM)	140.7
L1B1		#257	Tumbarumba	91	119	July 17, 2005	29673	2005/198/00:09:51 (LM)	14.9
Cal_Diode		#089	Libya_1	187	71	July 17, 2005	29679	2005/198/09:45:38 (CD)	10.5
Cal_Diode		#166	Pacific_Temp	50	67	July 17, 2005	29685	2005/198/19:37:30 (CD)	144.2
L1B1		#248	Porto_Jofre	226	104	July 18, 2005	29696	2005/199/13:59:08 (LM)	81.2
L2-AS	*	#070	Houston	25	67	July 18, 2005	29698	2005/199/17:03:54 (LM)	41.2
L2-AS		#079	JPL	41	63	July 18, 2005	29699	2005/199/18:41:31 (LM)	23.8
L1B1		#256	HowardSpring	105	101	July 19, 2005	29703	2005/200/01:30:21 (LM)	80.8
L1B1		#091	London	201	49	July 19, 2005	29709	2005/200/11:05:35 (LM)	32.2
L1B1		#140	Salar	233	107	July 19, 2005	29711	2005/200/14:43:11 (LM)	3.1
L2-AS		#179	USDA_MD	16	59	July 19, 2005	29712	2005/200/16:05:33 (LM)	131.0
Cal_Diode		#109	MOBY_Buoy	64	74	July 19, 2005	29715	2005/200/21:06:27 (CD)	17.3
L2-AS		#012	TWP_Manus	96	92	July 20, 2005	29717	2005/201/00:31:30 (LM)	83.4

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#251	Okavango	176	106	July 20, 2005	29722	2005/201/08:50:33 (LM)	151.5
Cal_Diode		#002	Algeria_3	192	66	July 20, 2005	29723	2005/201/10:14:53 (CD)	43.1
L1B1		#247	Eridu	167	66	July 21, 2005	29736	2005/202/07:41:16 (LM)	11.0
L2-AS	*	#040	Chesapeake	14	61	July 21, 2005	29741	2005/202/15:53:54 (LM)	20.4
L1B1		#250	Sudd	174	84	July 22, 2005	29751	2005/203/08:30:42 (LM)	72.1
L2-AS		#013	TWP_Nauru	85	91	July 22, 2005	29760	2005/203/23:22:59 (LM)	152.7
L1B1		#260	Munhamade	165	104	July 23, 2005	29765	2005/204/07:41:59 (LM)	150.5
L1B1		#249	RessacaBrzl	229	93	July 23, 2005	29769	2005/204/14:13:39 (LM)	32.6
L1B1	*	#259	BostonHarbor	12	57	July 23, 2005	29770	2005/204/15:40:03 (LM)	9.3
L1B1		#257	Tumbarumba	92	119	July 24, 2005	29775	2005/205/00:15:56 (LM)	152.8
L1B1		#205	Plymouth	204	50	July 24, 2005	29782	2005/205/11:24:21 (LM)	45.5
Cal_Diode		#003	Algeria_5	195	66	July 25, 2005	29796	2005/206/10:33:18 (CD)	48.7
L1B1		#163	Tapajos	227	93	July 25, 2005	29798	2005/206/14:01:21 (LM)	62.4
L2-AS	*	#070	Houston	26	67	July 25, 2005	29800	2005/206/17:10:00 (LM)	105.5
L1B1		#257	Tumbarumba	106	107	July 26, 2005	29804	2005/207/00:03:48 (LM)	120.9
L1B1		#256	HowardSpring	1	92	July 26, 2005	29805	2005/207/01:36:28 (LM)	83.1
L1B1		#140	Salar	1	107	July 26, 2005	29813	2005/207/14:49:17 (LM)	155.8
L2-AS		#012	TWP_Manus	97	92	July 27, 2005	29819	2005/208/00:37:37 (LM)	85.3
L1B1		#054	Egypt_Desert	177	73	July 27, 2005	29824	2005/208/08:45:17 (LM)	32.2
L1B1		#247	Eridu	168	66	July 28, 2005	29838	2005/209/07:47:21 (LM)	156.6

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#140	Salar	232	107	July 28, 2005	29842	2005/209/14:37:07 (LM)	159.3
L1B1		#258	La_Selva	15	82	July 28, 2005	29843	2005/209/16:07:27 (LM)	3.1
L1B1		#251	Okavango	175	106	July 29, 2005	29853	2005/210/08:44:29 (LM)	6.6
L1B1		#247	Eridu	166	66	July 30, 2005	29867	2005/211/07:35:13 (LM)	133.5
L1B1		#249	RessacaBrzl	230	93	July 30, 2005	29871	2005/211/14:19:46 (LM)	136.1
L2-AS	*	#040	Chesapeake	13	61	July 30, 2005	29872	2005/211/15:47:51 (LM)	113.7
L1B1		#250	Sudd	173	84	July 31, 2005	29882	2005/212/08:24:38 (LM)	93.3
L2-AS		#013	TWP_Nauru	84	91	July 31, 2005	29891	2005/212/23:16:54 (LM)	14.6

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.