

INTEROFFICE MEMORANDUM

THIS UPDATE: September 6, 2005
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **September 2005**
 FILENAME: /data/MISR_Project/LM/0509_requests.fm

This is the September 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 August 22, 2005. 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 September.

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: September 2005 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#250	Sudd	173	84	September 01, 2005	30348	2005/244/08:24:20 (LM)	98.5
Cal_north		---	37.4 °N, 163.7 °E	205	---	September 01, 2005	30350	2005/244/11:10:29 (CN)	---
Cal_south		---	77.7 °S, 115.8 °W	221	--	September 01, 2005	30352	2005/244/15:28:24 (CS)	---
Cal_dark		---	36.8 °S, 82.4 °E	4	---	September 01, 2005	30353	2005/244/17:24:27 (DK)	---
L2-AS		#013	TWP_Nauru	84	91	September 01, 2005	30357	2005/244/23:16:36 (LM)	19.7
L1B1		#163	Tapajos	228	93	September 02, 2005	30366	2005/245/14:07:08 (LM)	100.6
L1B1	*	#259	BostonHarbor	11	57	September 02, 2005	30367	2005/245/15:33:42 (LM)	120.4
L2-AS		#105	Mexico_City	27	75	September 02, 2005	30368	2005/245/17:18:44 (LM)	137.4
L1B1		#257	Tumbarumba	91	119	September 03, 2005	30372	2005/246/00:09:33 (LM)	12.2
Cal_Diode		#089	Libya_1	187	71	September 03, 2005	30378	2005/246/09:45:21 (CD)	13.6
Cal_Diode		#166	Pacific_Temp	50	67	September 03, 2005	30384	2005/246/19:37:12 (CD)	147.4
L1B1		#248	Porto_Jofre	226	104	September 03, 2005	30395	2005/247/13:58:49 (LM)	85.4
L2-AS	*	#070	Houston	25	67	September 04, 2005	30397	2005/247/17:03:36 (LM)	44.9
L2-AS		#079	JPL	41	63	September 04, 2005	30398	2005/247/18:41:12 (LM)	20.5
L1B1		#256	HowardSpring	105	101	September 05, 2005	30402	2005/248/01:30:02 (LM)	85.3
L1B1		#091	London	201	49	September 05, 2005	30408	2005/248/11:05:16 (LM)	35.3
L1B1		#140	Salar	233	107	September 05, 2005	30410	2005/248/14:42:51 (LM)	8.2
L2-AS		#179	USDA_MD	16	59	September 05, 2005	30411	2005/248/16:05:14 (LM)	127.3
Cal_Diode		#109	MOBY_Buoy	64	74	September 05, 2005	30414	2005/248/21:06:08 (CD)	12.4

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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	96	92	September 06, 2005	30416	2005/249/00:31:11 (LM)	88.4
L1B1		#251	Okavango	176	106	September 06, 2005	30421	2005/249/08:50:13 (LM)	146.6
Cal_Diode		#002	Algeria_3	192	66	September 06, 2005	30422	2005/249/10:09:33 (CD)	39.1
L1B1		#247	Eridu	167	66	September 07, 2005	30435	2005/250/07:40:55 (LM)	7.0
L2-AS	*	#040	Chesapeake	14	61	September 07, 2005	30440	2005/250/15:53:33 (LM)	16.3
L1B1		#250	Sudd	174	84	September 08, 2005	30450	2005/251/08:30:20 (LM)	66.6
L2-AS		#013	TWP_Nauru	85	91	September 08, 2005	30459	2005/251/23:22:37 (LM)	146.8
L1B1		#260	Munhamade	165	104	September 09, 2005	30464	2005/252/07:41:36 (LM)	156.3
L1B1		#249	RessacaBrzl	229	93	September 09, 2005	30468	2005/252/14:13:16 (LM)	38.6
L1B1	*	#259	BostonHarbor	12	57	September 09, 2005	30469	2005/252/15:39:40 (LM)	5.4
L1B1		#257	Tumbarumba	92	119	September 10, 2005	30474	2005/253/00:15:33 (LM)	147.3
L1B1		#205	Plymouth	204	50	September 10, 2005	30481	2005/253/11:23:58 (LM)	40.4
Cal_Diode		#204	Egypt_1	179	69	September 11, 2005	30494	2005/254/08:55:05 (CD)	41.4
Cal_Diode		#003	Algeria_5	195	66	September 11, 2005	30495	2005/254/10:32:54 (CD)	54.4
L1B1		#163	Tapajos	227	93	September 11, 2005	30497	2005/254/14:00:56 (LM)	69.0
L2-AS	*	#070	Houston	26	67	September 11, 2005	30499	2005/254/17:09:35 (LM)	100.1
L1B1		#257	Tumbarumba	90	119	September 12, 2005	30503	2005/255/00:03:23 (LM)	126.7
L1B1		#256	HowardSpring	106	101	September 12, 2005	30504	2005/255/01:36:03 (LM)	76.5
L1B1		#140	Salar	1	107	September 12, 2005	30512	2005/255/14:48:52 (LM)	149.0
L2-AS		#012	TWP_Manus	97	92	September 13, 2005	30518	2005/256/00:37:11 (LM)	78.2

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#054	Egypt_Desert	177	73	September 13, 2005	30523	2005/256/08:44:51 (LM)	25.5
L1B1		#247	Eridu	168	66	September 14, 2005	30537	2005/257/07:46:54 (LM)	150.3
L2-AS	*	#040	Chesapeake	15	61	September 14, 2005	30542	2005/257/15:59:31 (LM)	150.0
L1B1		#251	Okavango	175	106	September 15, 2005	30552	2005/258/08:44:01 (LM)	14.3
L1B1		#247	Eridu	166	66	September 16, 2005	30566	2005/259/07:34:44 (LM)	140.4
L1B1		#249	RessacaBrzl	230	93	September 16, 2005	30570	2005/259/14:19:16 (LM)	127.7
L2-AS	*	#040	Chesapeake	13	61	September 16, 2005	30571	2005/259/15:47:22 (LM)	120.3
L1B1		#250	Sudd	173	84	September 17, 2005	30581	2005/260/08:24:08 (LM)	101.8
L2-AS		#013	TWP_Nauru	84	91	September 17, 2005	30590	2005/260/23:16:24 (LM)	23.2
L1B1		#163	Tapajos	228	93	September 18, 2005	30599	2005/261/14:06:56 (LM)	97.1
L1B1	*	#259	BostonHarbor	11	57	September 18, 2005	30600	2005/261/15:33:30 (LM)	123.0
L2-AS		#105	Mexico_City	27	75	September 18, 2005	30601	2005/261/17:18:32 (LM)	134.1
L1B1		#257	Tumbarumba	91	119	September 19, 2005	30605	2005/262/00:09:21 (LM)	9.1
Cal_Diode		#089	Libya_1	187	71	September 19, 2005	30611	2005/262/09:45:09 (CD)	16.9
Cal_Diode		#166	Pacific_Temp	50	67	September 19, 2005	30617	2005/262/19:37:00 (CD)	150.6
L1B1		#248	Porto_Jofre	226	104	September 20, 2005	30628	2005/263/13:58:37 (LM)	89.0
L2-AS	*	#070	Houston	25	67	September 20, 2005	30630	2005/263/17:03:23 (LM)	47.7
L2-AS		#079	JPL	41	63	September 20, 2005	30631	2005/263/18:40:59 (LM)	18.0
L1B1		#256	HowardSpring	105	101	September 21, 2005	30635	2005/264/01:29:50 (LM)	89.0
L1B1		#091	London	201	49	September 21, 2005	30641	2005/264/11:05:03 (LM)	36.6

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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	233	107	September 21, 2005	30643	2005/264/14:42:39 (LM)	11.0
L2-AS		#179	USDA_MD	16	59	September 21, 2005	30644	2005/264/16:05:01 (LM)	124.7
Cal_Diode		#109	MOBY_Buoy	64	74	September 21, 2005	30647	2005/264/21:05:55 (CD)	9.3
L2-AS		#012	TWP_Manus	96	92	September 22, 2005	30649	2005/265/00:30:58 (LM)	91.9
L1B1		#251	Okavango	176	106	September 22, 2005	30654	2005/265/08:50:01 (LM)	143.4
Cal_Diode		#002	Algeria_3	192	66	September 22, 2005	30655	2005/265/10:14:21 (CD)	36.4
L1B1		#247	Eridu	167	66	September 23, 2005	30668	2005/266/07:40:45 (LM)	5.8
L2-AS	*	#040	Chesapeake	14	61	September 23, 2005	30673	2005/266/15:53:23 (LM)	
L1B1		#250	Sudd	174	84	September 24, 2005	30683	2005/267/08:30:11 (LM)	64.8
L2-AS		#013	TWP_Nauru	85	91	September 24, 2005	30692	2005/267/23:22:29 (LM)	145.4
L1B1		#260	Munhamade	165	104	September 25, 2005	30697	2005/268/07:41:29 (LM)	157.6
L1B1		#249	RessacaBrzl	229	93	September 25, 2005	30701	2005/268/14:13:09 (LM)	39.7
L1B1	*	#259	BostonHarbor	12	57	September 25, 2005	30702	2005/268/15:39:33 (LM)	4.4
L1B1		#257	Tumbarumba	92	119	September 26, 2005	30707	2005/269/00:15:26 (LM)	146.8
L1B1		#205	Plymouth	204	50	September 26, 2005	30714	2005/269/11:23:52 (LM)	40.3
Cal_Diode		#204	Egypt_1	179	69	September 27, 2005	30727	2005/270/08:54:60 (CD)	41.2
Cal_Diode		#003	Algeria_5	195	66	September 27, 2005	30728	2005/270/10:32:49 (CD)	53.9
L1B1		#163	Tapajos	227	93	September 27, 2005	30730	2005/270/14:00:52 (LM)	68.8
L2-AS	*	#070	Houston	26	67	September 27, 2005	30732	2005/270/17:09:31 (LM)	100.4
L1B1		#257	Tumbarumba	106	107	September 28, 2005	30736	2005/271/00:03:19 (LM)	126.1

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#256	HowardSpring	1	92	September 28, 2005	30737	2005/271/01:35:59 (LM)	77.1
L1B1		#140	Salar	1	107	September 28, 2005	30745	2005/271/14:48:49 (LM)	149.9
L2-AS		#012	TWP_Manus	97	92	September 29, 2005	30751	2005/272/00:37:09 (LM)	79.5
L1B1		#054	Egypt_Desert	177	73	September 29, 2005	30756	2005/272/08:44:49 (LM)	27.0
L1B1		#247	Eridu	168	66	September 30, 2005	30770	2005/273/07:46:54 (LM)	152.0
L1B1		#258	La_Selva	15	82	September 30, 2005	30775	2005/273/16:07:00 (LM)	8.5

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 processes 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.