

INTEROFFICE MEMORANDUM

THIS UPDATE: October 10, 2005
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **October 2005**
 FILENAME: /data/MISR_Project/LM/0510_requests.fm

This is the October 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 September 26, 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 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 2005 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#251	Okavango	175	106	October 01, 2005	30785	2005/274/08:44:04 (LM)	10.3
L1B1		#247	Eridu	166	66	October 02, 2005	30799	2005/275/07:34:48 (LM)	135.7
L1B1		#249	RessacaBrzl	230	93	October 02, 2005	30803	2005/275/14:19:22 (LM)	132.6
L2-AS	*	#040	Chesapeake	13	61	October 02, 2005	30804	2005/275/15:47:27 (LM)	116.1
L1B1		#250	Sudd	173	84	October 03, 2005	30814	2005/276/08:24:14 (LM)	96.5
L2-AS		#013	TWP_Nauru	84	91	October 03, 2005	30823	2005/276/23:16:31 (LM)	17.6
L1B1		#163	Tapajos	228	93	October 04, 2005	30832	2005/277/14:07:03 (LM)	103.2
L1B1	*	#259	BostonHarbor	11	57	October 04, 2005	30833	2005/277/15:33:37 (LM)	117.9
L2-AS		#105	Mexico_City	27	75	October 04, 2005	30834	2005/277/17:18:39 (LM)	139.9
L1B1		#257	Tumbarumba	91	119	October 05, 2005	30838	2005/278/00:09:29 (LM)	13.6
Cal_Diode		#089	Libya_1	187	71	October 05, 2005	30844	2005/278/09:45:17 (CD)	10.8
Cal_Diode		#166	Pacific_Temp	50	67	October 05, 2005	30850	2005/278/19:37:08 (CD)	144.4
L1B1		#248	Porto_Jofre	226	104	October 05, 2005	30861	2005/279/13:58:46 (LM)	82.4
L2-AS	*	#070	Houston	25	67	October 06, 2005	30863	2005/279/17:03:33 (LM)	41.5
L2-AS		#079	JPL	41	63	October 06, 2005	30864	2005/279/18:41:09 (LM)	23.8
L1B1		#256	HowardSpring	105	101	October 07, 2005	30868	2005/280/01:30:00 (LM)	81.9
L1B1		#091	London	201	49	October 07, 2005	30874	2005/280/11:05:13 (LM)	30.6
L1B1		#140	Salar	233	107	October 07, 2005	30876	2005/280/14:42:49 (LM)	5.4
L2-AS		#179	USDA_MD	16	59	October 07, 2005	30877	2005/280/16:05:12 (LM)	130.6

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Diode		#109	MOBY_Buoy	64	74	October 07, 2005	30880	2005/280/21:06:06 (CD)	16.3
L2-AS		#012	TWP_Manus	96	92	October 08, 2005	30882	2005/281/00:31:09 (LM)	84.3
L1B1		#251	Okavango	176	106	October 08, 2005	30887	2005/281/08:50:11 (LM)	150.6
Cal_Diode		#002	Algeria_3	192	66	October 08, 2005	30888	2005/281/10:14:31 (CD)	43.3
L1B1		#247	Eridu	167	66	October 09, 2005	30901	2005/282/07:40:55 (LM)	11.4
L2-AS	*	#040	Chesapeake	14	61	October 09, 2005	30906	2005/282/15:53:32 (LM)	21.3
L1B1		#250	Sudd	174	84	October 10, 2005	30916	2005/283/08:30:21 (LM)	71.8
L2-AS		#013	TWP_Nauru	85	91	October 10, 2005	30925	2005/283/23:22:38 (LM)	152.4
L1B1		#260	Munhamade	165	104	October 11, 2005	30930	2005/284/07:41:38 (LM)	151.1
L1B1		#249	RessacaBrzl	229	93	October 11, 2005	30934	2005/284/14:13:18 (LM)	32.8
L1B1	*	#259	BostonHarbor	12	57	October 11, 2005	30935	2005/284/15:39:41 (LM)	10.3
L1B1		#257	Tumbarumba	92	119	October 12, 2005	30940	2005/285/00:15:34 (LM)	152.5
L1B1		#205	Plymouth	204	50	October 12, 2005	30947	2005/285/11:24:00 (LM)	44.8
Cal_Diode		#204	Egypt_1	179	69	October 13, 2005	30960	2005/286/08:50:08 (CD)	35.3
Cal_Diode		#003	Algeria_5	195	66	October 13, 2005	30961	2005/286/10:32:57 (CD)	48.6
L1B1		#163	Tapajos	227	93	October 13, 2005	30963	2005/286/14:00:59 (LM)	62.3
L2-AS	*	#070	Houston	26	67	October 13, 2005	30965	2005/286/17:09:39 (LM)	105.7
L1B1		#257	Tumbarumba	90	119	October 14, 2005	30969	2005/287/00:03:27 (LM)	121.8
L1B1		#256	HowardSpring	106	101	October 14, 2005	30970	2005/287/01:36:06 (LM)	83.1
L1B1		#140	Salar	1	107	October 14, 2005	30978	2005/287/14:48:56 (LM)	155.5

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L2-AS		#012	TWP_Manus	97	92	October 15, 2005	30984	2005/288/00:37:15 (LM)	85.4
L1B1		#054	Egypt_Desert	177	73	October 15, 2005	30989	2005/288/08:44:56 (LM)	32.6
L1B1		#247	Eridu	168	66	October 16, 2005	31003	2005/289/07:47:00 (LM)	156.9
L1B1		#140	Salar	232	107	October 16, 2005	31007	2005/289/14:36:45 (LM)	159.2
L2-AS	*	#040	Chesapeake	15	61	October 16, 2005	31008	2005/289/15:59:37 (LM)	156.4
L1B1		#251	Okavango	175	106	October 17, 2005	31018	2005/290/08:44:07 (LM)	6.6
L1B1		#247	Eridu	166	66	October 18, 2005	31032	2005/291/07:34:51 (LM)	132.6
L1B1		#249	RessacaBrzl	230	93	October 18, 2005	31036	2005/291/14:19:24 (LM)	136.4
L2-AS	*	#040	Chesapeake	13	61	October 18, 2005	31037	2005/291/15:47:29 (LM)	112.8
L1B1		#250	Sudd	173	84	October 19, 2005	31047	2005/292/08:24:16 (LM)	92.7
L2-AS		#013	TWP_Nauru	84	91	October 19, 2005	31056	2005/292/23:16:32 (LM)	14.3
L1B1		#163	Tapajos	228	93	October 20, 2005	31065	2005/293/14:07:05 (LM)	106.8
L1B1	*	#259	BostonHarbor	11	57	October 20, 2005	31066	2005/293/15:33:38 (LM)	114.4
L2-AS		#105	Mexico_City	27	75	October 20, 2005	31067	2005/293/17:18:41 (LM)	143.5
L1B1		#257	Tumbarumba	91	119	October 21, 2005	31071	2005/294/00:09:30 (LM)	16.8
Cal_Diode		#089	Libya_1	187	71	October 21, 2005	31077	2005/294/09:45:18 (CD)	7.3
Cal_Diode		#166	Pacific_Temp	50	67	October 21, 2005	31083	2005/294/19:37:10 (CD)	141.6
L1B1		#248	Porto_Jofre	226	104	October 22, 2005	31094	2005/295/13:58:47 (LM)	79.1
L2-AS	*	#070	Houston	25	67	October 22, 2005	31096	2005/295/17:03:34 (LM)	38.5
L2-AS		#079	JPL	41	63	October 22, 2005	31097	2005/295/18:41:10 (LM)	26.7

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L1B1		#256	HowardSpring	105	101	October 23, 2005	31101	2005/296/01:30:00 (LM)	78.7
L1B1		#091	London	201	49	October 23, 2005	31107	2005/296/11:05:14 (LM)	29.3
L1B1		#140	Salar	233	107	October 23, 2005	31109	2005/296/14:42:50 (LM)	2.2
L2-AS		#179	USDA_MD	16	59	October 23, 2005	31110	2005/296/16:05:12 (LM)	133.8
Cal_Diode		#109	MOBY_Buoy	64	74	October 23, 2005	31113	2005/296/21:06:07 (CD)	19.9
L2-AS		#012	TWP_Manus	96	92	October 24, 2005	31115	2005/297/00:31:09 (LM)	81.0
L1B1		#251	Okavango	176	106	October 24, 2005	31120	2005/297/08:50:12 (LM)	153.5
Cal_Diode		#002	Algeria_3	192	66	October 24, 2005	31121	2005/297/10:14:32 (CD)	45.9
L1B1		#247	Eridu	167	66	October 25, 2005	31134	2005/298/07:40:55 (LM)	13.9
L2-AS	*	#040	Chesapeake	14	61	October 25, 2005	31139	2005/298/15:53:32 (LM)	23.7
L1B1		#250	Sudd	174	84	October 26, 2005	31149	2005/299/08:30:21 (LM)	74.9
L2-AS		#013	TWP_Nauru	85	91	October 26, 2005	31158	2005/299/23:22:37 (LM)	155.3
L1B1		#260	Munhamade	165	104	October 27, 2005	31163	2005/300/07:41:37 (LM)	148.3
L1B1		#249	RessacaBrzl	229	93	October 27, 2005	31167	2005/300/14:13:17 (LM)	29.8
L1B1	*	#259	BostonHarbor	12	57	October 27, 2005	31168	2005/300/15:39:41 (LM)	11.6
L1B1		#257	Tumbarumba	92	119	October 28, 2005	31173	2005/301/00:15:33 (LM)	154.9
L1B1		#205	Plymouth	204	50	October 28, 2005	31180	2005/301/11:23:59 (LM)	46.8
Cal_Diode		#204	Egypt_1	179	69	October 29, 2005	31193	2005/302/08:55:07 (CD)	33.1
Cal_Diode		#003	Algeria_5	195	66	October 29, 2005	31194	2005/302/10:32:56 (CD)	46.5
L1B1		#163	Tapajos	227	93	October 29, 2005	31196	2005/302/14:00:58 (LM)	59.8

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L2-AS	*	#070	Houston	26	67	October 29, 2005	31198	2005/302/17:09:37 (LM)	108.3
L1B1		#257	Tumbarumba	106	107	October 30, 2005	31202	2005/303/00:03:25 (LM)	119.4
L1B1		#256	HowardSpring	1	92	October 30, 2005	31203	2005/303/01:36:05 (LM)	85.4
L1B1		#140	Salar	1	107	October 30, 2005	31211	2005/303/14:48:54 (LM)	157.8
L2-AS		#012	TWP_Manus	97	92	October 31, 2005	31217	2005/304/00:37:14 (LM)	87.9
L1B1		#054	Egypt_Desert	177	73	October 31, 2005	31222	2005/304/08:44:54 (LM)	34.8

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.