

INTEROFFICE MEMORANDUM

THIS UPDATE: May 23, 2005
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **March 2005**
 FILENAME: /data/MISR_Project/LM/0503_requests.fm

This is the March 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 February 20, 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 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 2005 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#249	RessacaBrzl	229	93	March 01, 2005	27672	2005/060/14:13:24 (LM)	41.9
L1B1		#205	Plymouth	204	50	March 02, 2005	27685	2005/061/11:24:07 (LM)	37.6
Cal_Diode		#204	Egypt_1	179	69	March 03, 2005	27698	2005/062/08:55:16 (CD)	44.3
Cal_Diode		#003	Algeria_5	195	66	March 03, 2005	27699	2005/062/10:33:05 (CD)	57.2
L1B1		#163	Tapajos	227	93	March 03, 2005	27701	2005/062/14:01:07 (LM)	71.1
L2-AS		#070	Houston	26	67	March 03, 2005	27703	2005/062/17:09:47 (LM)	97.2
L1B1		#140	Salar	1	107	March 04, 2005	27716	2005/063/14:49:05 (LM)	148.1
L2-AS		#012	TWP_Manus	97	92	March 05, 2005	27722	2005/064/00:37:25 (LM)	77.0
L1B1		#054	Egypt_Desert	177	73	March 05, 2005	27727	2005/064/08:45:05 (LM)	24.1
L1B1		#247	Eridu	168	66	March 06, 2005	27741	2005/065/07:47:10 (LM)	149.1
L1B1		#140	Salar	232	107	March 06, 2005	27745	2005/065/14:36:56 (LM)	166.1
L2-AS	*	#040	Chesapeake	15	61	March 06, 2005	27746	2005/065/15:59:48 (LM)	148.8
L1B1		#251	Okavango	175	106	March 07, 2005	27756	2005/066/08:44:19 (LM)	13.4
L1B1		#247	Eridu	166	66	March 08, 2005	27770	2005/067/07:35:04 (LM)	140.5
CalNorth		---	56.0 °N, 142.5 °E	214	---	March 08, 2005	27773	2005/067/12:09:38 (CN)	---
L1B1		#249	RessacaBrzl	230	93	March 08, 2005	27774	2005/067/14:19:37 (LM)	129.0
L2-AS	*	#040	Chesapeake	13	61	March 08, 2005	27775	2005/067/15:47:42 (LM)	120.0
CalSouth		---	79.9 °S, 143.9 °E	13	---	March 08, 2005	27775	2005/067/16:28:03 (CS)	---
CalDark		---	25.3 °S, 65.5 °E	29	---	March 08, 2005	27776	2005/067/18:23:07 (DK)	---

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#250	Sudd	173	84	March 09, 2005	27785	2005/068/08:24:30 (LM)	100.5
L2-AS		#013	TWP_Nauru	84	91	March 09, 2005	27794	2005/068/23:16:47 (LM)	21.1
L1B1		#163	Tapajos	228	93	March 10, 2005	27803	2005/069/14:07:19 (LM)	99.5
L2-AS		#105	Mexico_City	27	75	March 10, 2005	27805	2005/069/17:18:56 (LM)	136.1
Cal_Diode		#089	Libya_1	187	71	March 11, 2005	27815	2005/070/09:45:34 (CD)	14.6
Cal_Diode		#166	Pacific_Temp	50	67	March 11, 2005	27821	2005/070/19:37:26 (CD)	148.4
L1B1		#248	Porto_Jofre	226	104	March 12, 2005	27832	2005/071/13:59:05 (LM)	85.1
L2-AS	*	#070	Houston	25	67	March 12, 2005	27834	2005/071/17:03:51 (LM)	45.2
L2-AS		#079	JPL	41	63	March 12, 2005	27835	2005/071/18:41:27 (LM)	20.4
L1B1		#091	London	201	49	March 13, 2005	27845	2005/072/11:05:32 (LM)	34.7
L1B1		#140	Salar	233	107	March 13, 2005	27847	2005/072/14:43:08 (LM)	6.6
L2-AS		#179	USDA_MD	16	59	March 13, 2005	27848	2005/072/16:05:31 (LM)	126.7
Cal_Diode		#109	MOBY_Buoy	64	74	March 13, 2005	27851	2005/072/21:06:25 (CD)	12.6
L2-AS		#012	TWP_Manus	96	92	March 14, 2005	27853	2005/073/00:31:28 (LM)	87.4
L1B1		#251	Okavango	176	106	March 14, 2005	27858	2005/073/08:50:31 (LM)	148.0
Cal_Diode		#002	Algeria_3	192	66	March 14, 2005	27859	2005/073/10:14:51 (CD)	39.4
L1B1		#247	Eridu	167	66	March 15, 2005	27872	2005/074/07:41:15 (LM)	7.6
L2-AS	*	#040	Chesapeake	14	61	March 15, 2005	27877	2005/074/15:53:53 (LM)	16.9
L1B1		#250	Sudd	174	84	March 16, 2005	27887	2005/075/08:30:42 (LM)	68.5
L2-AS		#013	TWP_Nauru	85	91	March 16, 2005	27896	2005/075/23:22:59 (LM)	149.3

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#249	RessacaBrzl	229	93	March 17, 2005	27905	2005/076/14:13:39 (LM)	35.8
L1B1		#205	Plymouth	204	50	March 18, 2005	27918	2005/077/11:24:22 (LM)	42.1
Cal_Diode		#204	Egypt_1	179	69	March 19, 2005	27931	2005/078/08:55:31 (CD)	38.9
Cal_Diode		#003	Algeria_5	195	66	March 19, 2005	27932	2005/078/10:33:20 (CD)	52.1
L1B1		#163	Tapajos	227	93	March 19, 2005	27934	2005/078/14:01:21 (LM)	65.4
L2-AS	*	#070	Houston	26	67	March 19, 2005	27936	2005/078/17:10:02 (LM)	102.4
L1B1		#140	Salar	1	107	March 20, 2005	27949	2005/079/14:49:19 (LM)	153.6
L2-AS		#012	TWP_Manus	97	92	March 21, 2005	27955	2005/080/00:37:39 (LM)	82.8
L1B1		#054	Egypt_Desert	177	73	March 21, 2005	27960	2005/080/08:45:20 (LM)	29.3
L1B1		#247	Eridu	168	66	March 22, 2005	27974	2005/081/07:47:24 (LM)	154.1
L1B1		#140	Salar	232	107	March 22, 2005	27978	2005/081/14:37:10 (LM)	161.0
L2-AS	*	#040	Chesapeake	15	61	March 22, 2005	27979	2005/081/16:00:02 (LM)	153.3
L1B1		#251	Okavango	175	106	March 23, 2005	27989	2005/082/08:44:32 (LM)	8.5
L1B1		#247	Eridu	166	66	March 24, 2005	28003	2005/083/07:35:17 (LM)	135.5
L1B1		#249	RessacaBrzl	230	93	March 24, 2005	28007	2005/083/14:19:50 (LM)	134.2
L2-AS	*	#040	Chesapeake	13	61	March 24, 2005	28008	2005/083/15:47:56 (LM)	116.3
L1B1		#250	Sudd	173	84	March 25, 2005	28018	2005/084/08:24:43 (LM)	95.3
L2-AS		#013	TWP_Nauru	84	91	March 25, 2005	28027	2005/084/23:17:00 (LM)	16.3
L1B1		#163	Tapajos	228	93	March 26, 2005	28036	2005/085/14:07:32 (LM)	104.5
L2-AS		#105	Mexico_City	27	75	March 26, 2005	28038	2005/085/17:19:09 (LM)	140.8

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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		#089	Libya_1	187	71	March 27, 2005	28048	2005/086/09:45:46 (CD)	10.3
Cal_Diode		#166	Pacific_Temp	50	67	March 27, 2005	28054	2005/086/19:37:38 (CD)	144.1
L1B1		#248	Porto_Jofre	226	104	March 28, 2005	28065	2005/087/13:59:16 (LM)	80.6
L2-AS	*	#070	Houston	25	67	March 28, 2005	28067	2005/087/17:04:03 (LM)	41.2
L2-AS		#079	JPL	41	63	March 28, 2005	28068	2005/087/18:41:39 (LM)	24.1
L1B1		#256	HowardSpring	105	101	March 29, 2005	28072	2005/088/01:30:29 (LM)	80.6
L1B1		#091	London	201	49	March 29, 2005	28078	2005/088/11:05:43 (LM)	30.8
L1B1		#140	Salar	233	107	March 29, 2005	28080	2005/088/14:43:20 (LM)	2.2
L2-AS		#179	USDA_MD	16	59	March 29, 2005	28081	2005/088/16:05:42 (LM)	130.8
Cal_Diode		#109	MOBY_Buoy	64	74	March 29, 2005	28084	2005/088/21:06:36 (CD)	17.3
L2-AS		#012	TWP_Manus	96	92	March 30, 2005	28086	2005/089/00:31:39 (LM)	82.9
L1B1		#251	Okavango	176	106	March 30, 2005	28091	2005/089/08:50:42 (LM)	152.2
Cal_Diode		#002	Algeria_3	192	66	March 30, 2005	28092	2005/089/10:15:02 (CD)	43.3
L1B1		#247	Eridu	167	66	March 31, 2005	28105	2005/090/07:41:25 (LM)	11.8
L2-AS	*	#040	Chesapeake	14	61	March 31, 2005	28110	2005/090/15:54:03 (LM)	21.2

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.