

INTEROFFICE MEMORANDUM

THIS UPDATE: February 2, 2005
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **February 2005**
 FILENAME: /data/MISR_Project/LM/0502_requests.fm

This is the February 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 January 24, 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 not a Cal_dark sequence in February.

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: February 2005 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#012	TWP_Manus	97	92	February 01, 2005	27256	2005/032/00:37:26 (LM)	81.1
L1B1		#054	Egypt_Desert	177	73	February 01, 2005	27261	2005/032/08:45:06 (LM)	27.4
L1B1		#247	Eridu	168	66	February 02, 2005	27275	2005/033/07:47:10 (LM)	151.4
L2-AS	*	#040	Chesapeake	15	61	February 02, 2005	27280	2005/033/15:59:47 (LM)	150.8
L1B1		#251	Okavango	175	106	February 03, 2005	27290	2005/034/08:44:17 (LM)	10.8
L1B1		#247	Eridu	166	66	February 04, 2005	27304	2005/035/07:35:00 (LM)	138.9
L1B1		#249	RessacaBrzl	230	93	February 04, 2005	27308	2005/035/14:19:33 (LM)	130.3
L2-AS	*	#040	Chesapeake	13	61	February 04, 2005	27309	2005/035/15:47:39 (LM)	119.8
L1B1		#250	Sudd	173	84	February 05, 2005	27319	2005/036/08:24:25 (LM)	99.6
L2-AS		#013	TWP_Nauru	84	91	February 05, 2005	27328	2005/036/23:16:41 (LM)	20.9
L1B1		#144	Santarem	228	92	February 06, 2005	27337	2005/037/14:07:06 (LM)	106.5
L2-AS		#105	Mexico_City	27	75	February 06, 2005	27339	2005/037/17:18:49 (LM)	135.7
Cal_Diode		#089	Libya_1	187	71	February 07, 2005	27349	2005/038/09:45:27 (CD)	15.7
Cal_Diode		#166	Pacific_Temp	50	67	February 07, 2005	27355	2005/038/19:37:18 (CD)	149.6
L1B1		#248	Porto_Jofre	226	104	February 08, 2005	27366	2005/039/13:58:55 (LM)	86.1
L2-AS	*	#070	Houston	25	67	February 08, 2005	27368	2005/039/17:03:42 (LM)	47.0
L2-AS		#079	JPL	41	63	February 08, 2005	27369	2005/039/18:41:18 (LM)	18.3
L1B1		#091	London	201	49	February 09, 2005	27379	2005/040/11:05:22 (LM)	37.2
L1B1		#140	Salar	233	107	February 09, 2005	27381	2005/040/14:42:58 (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)
L2-AS		#179	USDA_MD	16	59	February 09, 2005	27382	2005/040/16:05:20 (LM)	125.1
Cal_Diode		#109	MOBY_Buoy	64	74	February 09, 2005	27385	2005/040/21:06:14 (CD)	10.5
L2-AS		#012	TWP_Manus	96	92	February 10, 2005	27387	2005/041/00:31:17 (LM)	89.8
L1B1		#251	Okavango	176	106	February 10, 2005	27392	2005/041/08:50:19 (LM)	145.7
Cal_Diode		#002	Algeria_3	192	66	February 10, 2005	27393	2005/041/10:14:39 (CD)	36.7
L1B1		#247	Eridu	167	66	February 11, 2005	27406	2005/042/07:41:02 (LM)	4.4
L2-AS	*	#040	Chesapeake	14	61	February 11, 2005	27411	2005/042/15:53:39 (LM)	14.3
L1B1		#250	Sudd	174	84	February 12, 2005	27421	2005/043/08:30:27 (LM)	64.4
L2-AS		#013	TWP_Nauru	85	91	February 12, 2005	27430	2005/043/23:22:44 (LM)	144.8
L1B1		#249	RessacaBrzl	229	93	February 13, 2005	27439	2005/044/14:13:23 (LM)	40.6
L1B1		#205	Plymouth	204	50	February 14, 2005	27452	2005/045/11:24:05 (LM)	37.6
Cal_Diode		#204	Egypt_1	179	69	February 15, 2005	27465	2005/046/08:55:12 (CD)	44.5
Cal_Diode		#003	Algeria_5	195	66	February 15, 2005	27466	2005/046/10:33:01 (CD)	57.5
L1B1		#248	Porto_Jofre	227	104	February 15, 2005	27468	2005/046/14:04:57 (LM)	71.8
L2-AS	*	#070	Houston	26	67	February 15, 2005	27470	2005/046/17:09:43 (LM)	96.5
L2-AS		#012	TWP_Manus	97	92	February 17, 2005	27489	2005/048/00:37:19 (LM)	75.6
L1B1		#054	Egypt_Desert	177	73	February 17, 2005	27494	2005/048/08:45:00 (LM)	22.8
L1B1		#247	Eridu	168	66	February 18, 2005	27508	2005/049/07:47:05 (LM)	147.7
L2-AS	*	#040	Chesapeake	15	61	February 18, 2005	27513	2005/049/15:59:43 (LM)	147.4
L1B1		#251	Okavango	175	106	February 19, 2005	27523	2005/050/08:44:14 (LM)	14.6

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#247	Eridu	166	66	February 20, 2005	27537	2005/051/07:34:59 (LM)	141.3
L1B1		#249	RessacaBrzl	230	93	February 20, 2005	27541	2005/051/14:19:32 (LM)	127.9
L2-AS	*	#040	Chesapeake	13	61	February 20, 2005	27542	2005/051/15:47:38 (LM)	121.5
L1B1		#250	Sudd	173	84	February 21, 2005	27552	2005/052/08:24:25 (LM)	101.4
L2-AS		#013	TWP_Nauru	84	91	February 21, 2005	27561	2005/052/23:16:43 (LM)	21.8
L1B1		#144	Santarem	228	92	February 22, 2005	27570	2005/053/14:07:08 (LM)	105.7
L2-AS		#105	Mexico_City	27	75	February 22, 2005	27572	2005/053/17:18:52 (LM)	135.2
Cal_Diode		#089	Libya_1	187	71	February 23, 2005	27582	2005/054/09:45:31 (CD)	15.7
Cal_Diode		#166	Pacific_Temp	50	67	February 23, 2005	27588	2005/054/19:37:23 (CD)	149.4
L1B1		#248	Porto_Jofre	226	104	February 24, 2005	27599	2005/055/13:59:01 (LM)	85.4
L2-AS	*	#070	Houston	25	67	February 24, 2005	27601	2005/055/17:03:48 (LM)	46.0
L2-AS		#079	JPL	41	63	February 24, 2005	27602	2005/055/18:41:24 (LM)	19.4
L1B1		#091	London	201	49	February 25, 2005	27612	2005/056/11:05:29 (LM)	34.9
L1B1		#140	Salar	233	107	February 25, 2005	27614	2005/056/14:43:05 (LM)	7.3
L2-AS		#179	USDA_MD	16	59	February 25, 2005	27615	2005/056/16:05:28 (LM)	126.5
Cal_Diode		#109	MOBY_Buoy	64	74	February 25, 2005	27618	2005/056/21:06:22 (CD)	12.4
L2-AS		#012	TWP_Manus	96	92	February 26, 2005	27620	2005/057/00:31:25 (LM)	87.7
L1B1		#251	Okavango	176	106	February 26, 2005	27625	2005/057/08:50:28 (LM)	148.0
Cal_Diode		#002	Algeria_3	192	66	February 26, 2005	27626	2005/057/10:14:48 (CD)	39.1
L1B1		#247	Eridu	167	66	February 27, 2005	27639	2005/058/07:41:12 (LM)	7.9

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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	*	#040	Chesapeake	14	61	February 27, 2005	27644	2005/058/15:53:51 (LM)	16.8
L1B1		#250	Sudd	174	84	February 28 2005	27654	2005/059/08:30:40 (LM)	68.4
L2-AS		#013	TWP_Nauru	85	91	February 28 2005	27663	2005/059/23:22:57 (LM)	149.4

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.