

**INTEROFFICE MEMORANDUM**

THIS UPDATE: January 4, 2005  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **December 2004**  
 FILENAME: /data/MISR\_Project/LM/0412\_requests.fm

This is the December 2004 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 November 22, 2004. 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 December.

**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: December 2004 Requests**

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#040	Chesapeake	13	61	December 02, 2004	26377	2004/337/15:47:14 (LM)	120.1
L2-AS		#013	TWP_Nauru	84	91	December 03, 2004	26396	2004/338/23:16:19 (LM)	18.9
L2-AS		#105	Mexico_City	27	75	December 04, 2004	26407	2004/339/17:18:28 (LM)	137.7
Cal_Diode		#089	Libya_1	187	71	December 05, 2004	26417	2004/340/09:45:07 (CD)	13.2
L1B1	*	#246	W_Barbuda_Is	2	77	December 05, 2004	26420	2004/340/14:44:37 (LM)	109.4
Cal_Diode		#166	Pacific_Temp	50	67	December 05, 2004	26423	2004/340/19:36:59 (CD)	147.2
L2-AS	*	#070	Houston	25	67	December 06, 2004	26436	2004/341/17:03:25 (LM)	44.2
L2-AS		#079	JPL	41	63	December 06, 2004	26437	2004/341/18:41:01 (LM)	21.0
L1B1		#091	London	201	49	December 07, 2004	26447	2004/342/11:05:06 (LM)	34.1
L1B1	*	#245	E_Barbuda_Is	233	77	December 07, 2004	26449	2004/342/14:32:19 (LM)	118.0
L2-AS		#179	USDA_MD	16	59	December 07, 2004	26450	2004/342/16:05:05 (LM)	127.8
Cal_Diode		#109	MOBY_Buoy	64	74	December 07, 2004	26453	2004/342/21:05:59 (CD)	14.8
L2-AS		#012	TWP_Manus	96	92	December 08, 2004	26455	2004/343/00:31:02 (LM)	84.8
Cal_Diode		#002	Algeria_3	192	66	December 08, 2004	26461	2004/343/10:14:25 (CD)	41.0
L2-AS	*	#040	Chesapeake	14	61	December 09, 2004	26479	2004/344/15:53:28 (LM)	18.4
L2-AS		#013	TWP_Nauru	85	91	December 10, 2004	26498	2004/345/23:22:35 (LM)	152.1
L1B1		#205	Plymouth	204	50	December 12, 2004	26520	2004/347/11:23:59 (LM)	42.5
L1B1	*	#246	W_Barbuda_Is	3	76	December 12, 2004	26522	2004/347/14:50:53 (LM)	53.5
Cal_Diode	*	#204	Egypt_1	179	69	December 13, 2004	26533	2004/348/08:55:08 (CD)	36.8

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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		#003	Algeria_5	195	66	December 13, 2004	26534	2004/348/10:32:57 (CD)	50.1
L2-AS	*	#070	Houston	26	67	December 13, 2004	26538	2004/348/17:09:39 (LM)	104.4
L1B1	*	#245	E_Barbuda_Is	1	76	December 14, 2004	26551	2004/349/14:38:34 (LM)	45.0
L2-AS		#012	TWP_Manus	97	92	December 15, 2004	26557	2004/350/00:37:18 (LM)	86.0
L1B1		#054	Egypt_Desert	177	73	December 15, 2004	26562	2004/350/08:44:58 (LM)	31.7
L2-AS	*	#040	Chesapeake	15	61	December 16, 2004	26581	2004/351/15:59:41 (LM)	155.0
L2-AS	*	#040	Chesapeake	13	61	December 18, 2004	26610	2004/353/15:47:36 (LM)	114.3
L2-AS		#013	TWP_Nauru	84	91	December 19, 2004	26629	2004/354/23:16:41 (LM)	12.8
L2-AS		#105	Mexico_City	27	75	December 20, 2004	26640	2004/355/17:18:50 (LM)	143.4
Cal_Diode		#089	Libya_1	187	71	December 21, 2004	26650	2004/356/09:45:28 (CD)	7.6
L1B1	*	#246	W_Barbuda_Is	2	77	December 21, 2004	26653	2004/356/14:44:58 (LM)	103.7
Cal_Diode		#166	Pacific_Temp	50	67	December 21, 2004	26656	2004/356/19:37:20 (CD)	142.0
L2-AS	*	#070	Houston	25	67	December 22, 2004	26669	2004/357/17:03:45 (LM)	39.0
L2-AS		#079	JPL	41	63	December 22, 2004	26670	2004/357/18:41:21 (LM)	26.2
L1B1		#091	London	201	49	December 23, 2004	26680	2004/358/11:05:26 (LM)	30.5
L1B1	*	#245	E_Barbuda_Is	233	77	December 23, 2004	26682	2004/358/14:32:39 (LM)	112.6
L2-AS		#179	USDA_MD	16	59	December 23, 2004	26683	2004/358/16:05:25 (LM)	132.1
Cal_Diode		#109	MOBY_Buoy	64	74	December 23, 2004	26686	2004/358/21:06:19 (LM)	19.9
L2-AS		#012	TWP_Manus	96	92	December 24, 2004	26688	2004/359/00:31:22 (LM)	79.3
Cal_Diode		#002	Algeria_3	192	66	December 24, 2004	26694	2004/359/10:14:45 (CD)	45.6

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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	December 25, 2004	26712	2004/360/15:53:47 (LM)	22.6
L2-AS		#013	TWP_Nauru	85	91	December 26, 2004	26731	2004/361/23:22:54 (LM)	157.1
L1B1		#205	Plymouth	204	50	December 28, 2004	26753	2004/363/11:24:17 (LM)	45.3
L1B1	*	#246	W_Barbuda_Is	3	76	December 28, 2004	26755	2004/363/14:51:10 (LM)	58.2
Cal_Diode		#204	Egypt_1	179	69	December 29, 2004	26766	2004/364/08:55:26 (CD)	33.0
Cal_Diode		#003	Algeria_5	195	66	December 29, 2004	26767	2004/364/10:33:15 (CD)	46.6
L2-AS	*	#070	Houston	26	67	December 29, 2004	26771	2004/364/17:09:56 (LM)	108.5
L1B1	*	#245	E_Barbuda_Is	1	76	December 30, 2004	26784	2004/365/14:38:51 (LM)	49.0
L2-AS		#012	TWP_Manus	97	92	December 31, 2004	26790	2004/366/00:37:34 (LM)	90.1
L1B1		#054	Egypt_Desert	177	73	December 31, 2004	26795	2004/366/08:45:15 (LM)	35.5

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 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.