JPL
Jet Propulsion Laboratory
California Institute of Technology

MISR
**Multi-angle
Imaging
Spectro-
Radiometer**

INTEROFFICE MEMORANDUM

THIS UPDATE: January 28, 2004
FROM: Barbara Gaitley
SUBJECT: Local Mode data acquisition requests for **January 2004**
FILENAME: /data/MISR_Project/LM/0401_requests.fm

This is the January 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 December 15, 2003. 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 January.

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: January 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	January 01, 2004	21484	2004/001/15:49:28 (LM)	99.8
L1B1	*	#223	Carnarvon	93	111	January 02, 2004	21489	2004/002/00:21:02 (LM)	10.8
L2-AS		#013	TWP_Nauru	84	91	January 02, 2004	21503	2004/002/23:18:31 (LM)	3.8
Cal_Diode		#089	Libya_1	187	71	January 04, 2004	21524	2004/004/09:47:16 (CD)	6.6
Cal_Diode		#166	Pacific_Temp	50	67	January 04, 2004	21530	2004/004/19:39:07 (CD)	128.3
L2-AS	*	#070	Houston	25	67	January 05, 2004	21543	2004/005/17:05:31 (LM)	25.8
L2-AS		#079	JPL	41	63	January 05, 2004	21544	2004/005/18:43:07 (LM)	38.3
L1B1		#091	London	201	49	January 06, 2004	21554	2004/006/11:07:10 (LM)	20.5
L1A		#140	Salar	233	107	January 06, 2004	21556	2004/006/14:44:46 (LM)	14.8
Cal_Diode		#109	MOBY_Buoy	64	74	January 06, 2004	21560	2004/006/21:08:03 (CD)	33.0
L2-AS		#012	TWP_Manus	96	92	January 07, 2004	21562	2004/007/00:33:06 (LM)	65.8
Cal_Diode		#002	Algeria_3	192	66	January 07, 2004	21568	2004/007/10:16:28 (CD)	57.7
L2-AS	*	#040	Chesapeake	14	61	January 08, 2004	21586	2004/008/15:55:28 (LM)	33.3
L1B1	*	#223	Carnarvon	94	111	January 09, 2004	21591	2004/009/00:27:03 (LM)	159.8
L2-AS		#013	TWP_Nauru	85	91	January 09, 2004	21605	2004/009/23:24:32 (LM)	168.9
L1B1		#205	Plymouth	204	50	January 11, 2004	21627	2004/011/11:25:52 (LM)	54.7
Cal_Diode		#204	Egypt_1	179	69	January 12, 2004	21640	2004/012/08:56:60 (CD)	22.9

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Diode		#003	Algeria_5	195	66	January 12, 2004	21641	2004/012/10:34:49 (CD)	36.7
L2-AS	*	#070	Houston	26	67	January 12, 2004	21645	2004/012/17:11:30 (LM)	117.9
L2-AS		#012	TWP_Manus	97	92	January 14, 2004	21664	2004/014/00:39:06 (LM)	99.4
L1B1		#054	Egypt_Desert	177	73	January 14, 2004	21669	2004/014/08:46:46 (LM)	44.5
L2-AS	*	#040	Chesapeake	15	61	January 15, 2004	21688	2004/015/16:01:26 (LM)	165.4
L2-AS	*	#040	Chesapeake	13	61	January 17, 2004	21717	2004/017/15:49:16 (LM)	104.6
L1B1	*	#223	Carnarvon	93	111	January 18, 2004	21722	2004/018/00:20:51 (LM)	5.4
L2-AS		#013	TWP_Nauru	84	91	January 18, 2004	21736	2004/018/23:18:18 (LM)	3.8
Cal_Diode		#089	Libya_1	187	71	January 20, 2004	21757	2004/020/09:47:02 (CD)	3.1
Cal_North		---	67.8 °N, 150.1 °E	203	---	January 20, 2004	21758	2004/020/11:07:51 (CN)	---
Cal_South		---	66.6 °S, 125.4 °E	2	---	January 20, 2004	21760	2004/020/15:26:25 (CS)	---
Cal_Dark		---	27.3 °S, 82.8 °E	18	---	January 20, 2004	21761	2004/020/17:16:37 (DK)	---
Cal_Diode		#166	Pacific_Temp	50	67	January 20, 2004	21763	2004/020/19:38:54 (CD)	134.7
L2-AS	*	#070	Houston	25	67	January 21, 2004	21776	2004/021/17:05:17 (LM)	32.0
L2-AS		#079	JPL	41	63	January 21, 2004	21777	2004/021/18:42:53 (LM)	32.5
L1B1		#091	London	201	49	January 22, 2004	21787	2004/022/11:06:56 (LM)	25.7
L1A		#140	Salar	233	107	January 22, 2004	21789	2004/022/14:44:32 (LM)	7.6
Cal_Diode		#109	MOBY_Buoy	64	74	January 22, 2004	21793	2004/022/21:07:48 (CD)	26.1

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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	January 23, 2004	21795	2004/023/00:32:51 (LM)	73.2
Cal_Diode		#002	Algeria_3	192	66	January 23, 2004	21801	2004/023/10:16:13 (CD)	51.3
L2-AS	*	#040	Chesapeake	14	61	January 24, 2004	21819	2004/024/15:55:12 (LM)	27.4
L1B1	*	#223	Carnarvon	94	111	January 24, 2004	21824	2004/025/00:26:47 (LM)	152.6
L2-AS		#013	TWP_Nauru	85	91	January 25, 2004	21838	2004/025/23:24:15 (LM)	160.7
L1B1		#205	Plymouth	204	50	January 27, 2004	21860	2004/027/11:25:35 (LM)	49.0
Cal_Diode		#204	Egypt_1	179	69	January 28, 2004	21873	2004/028/08:56:42 (CD)	30.7
Cal_Diode		#003	Algeria_5	195	66	January 28, 2004	21874	2004/028/10:34:31 (CD)	44.2
L2-AS	*	#070	Houston	26	67	January 28, 2004	21878	Cancelled due to DMU	110.3
L2-AS		#012	TWP_Manus	97	92	January 30, 2004	21897	2004/030/00:38:47 (LM)	90.1
L2-AS		#054	Egypt_Desert	177	73	January 30, 2004	21902	2004/030/08:46:27 (LM)	35.8
L2-AS	*	#040	Chesapeake	15	61	January 31, 2004	21921	2004/031/16:01:06 (LM)	158.0

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.