JPL
Jet Propulsion Laboratory
California Institute of Technology

MISR

Multi-angle
Imaging
Spectro-
Radiometer

INTEROFFICE MEMORANDUM

THIS UPDATE: September 11, 2003
FROM: Barbara Gaitley
SUBJECT: Local Mode data acquisition requests for **August 2003**
FILENAME: /data/MISR_Project/LM/0308_requests.fm

This is the August 2003 list of MISR Local Mode observations to be scheduled by the IOT team. Data acquisition times are based on the latest available GRNDTRCK7_* file, that of July 21, 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 not a Cal_dark sequence in August.

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: August 2003 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#040	Chesapeake	14	61	August 01, 2003	19256	2003/213/15:53:45 (LM)	14.9
L1B1	*	#223	Carnarvon	94	111	August 02, 2003	19261	2003/214/00:25:21 (LM)	139.9
L1B1		#013	TWP_Nauru	85	91	August 02, 2003	19275	2003/214/23:22:53 (LM)	148.1
L2-AS	*	#112	MontereyBay	44	61	August 03, 2003	19287	2003/215/18:59:16 (LM)	33.5
L1B1		#205	Plymouth	204	50	August 04, 2003	19297	2003/216/11:24:19 (LM)	41.4
L1B1		#218	Lapland	51	3	August 04, 2003	19302	2003/216/19:22:31 (LM)	47.0
Cal_Diode		#204	Egypt_1	179	69	August 05, 2003	19310	2003/217/08:55:29 (CD)	38.3
Cal_Diode		#003	Algeria_5	195	66	August 05, 2003	19311	2003/217/10:33:18 (CD)	51.3
L2-AS	*	#070	Houston	26	67	August 05, 2003	19315	2003/217/17:10:00 (LM)	103.4
L2-AS		TOO	SanJoaquinVal	42	61	August 05, 2003	19316	2003/217/18:46:53 (LM)	94.8
L1B1		#218	Lapland	49	4	August 06, 2003	19331	2003/218/19:10:41 (LM)	124.3
L1B1		#012	TWP_Manus	97	92	August 07, 2003	19334	2003/219/00:37:40 (LM)	85.5
L1B1		#054	Egypt_Desert	177	73	August 07, 2003	19339	2003/219/08:45:22 (LM)	31.2
L1B1		#218	Lapland	193	35	August 07, 2003	19340	2003/219/10:11:16 (LM)	9.8
L2-AS	*	#040	Chesapeake	15	61	August 08, 2003	19358	2003/220/16:00:07 (LM)	155.5
L2-AS	*	#040	Chesapeake	13	61	August 10, 2003	19387	2003/222/15:48:06 (LM)	112.7
L1B1	*	#223	Carnarvon	93	111	August 11, 2003	19392	2003/223/00:19:41 (LM)	3.1

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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		#013	TWP_Nauru	84	91	August 11, 2003	19406	2003/223/23:17:13 (LM)	9.1
Cal_Diode		#089	Libya_1	187	71	August 13, 2003	19427	2003/225/09:46:03 (CD)	3.1
Cal_Diode		#166	Pacific_Temp	50	67	August 13, 2003	19433	2003/225/19:37:56 (CD)	137.9
L1B1	*	#213	Hintereisfer	194	53	August 14, 2003	19442	2003/226/10:23:54 (LM)	120.2
L2-AS	*	#070	Houston	25	67	August 14, 2003	19446	2003/226/17:04:23 (LM)	34.3
L2-AS		#079	JPL	41	63	August 14, 2003	19447	2003/226/18:41:59 (LM)	30.4
L1B1		#091	London	201	49	August 15, 2003	19457	2003/227/11:06:05 (LM)	27.6
L1A		#140	Salar	233	107	August 15, 2003	19459	2003/227/14:43:42 (LM)	8.5
Cal_Diode		#109	MOBY_Buoy	64	74	August 15, 2003	19463	2003/227/21:06:59 (CD)	26.0
L2-AS		#012	TWP_Manus	96	92	August 16, 2003	19465	2003/228/00:32:02 (LM)	72.4
L1B1	*	#213	Hintereisfer	192	53	August 16, 2003	19471	2003/228/10:11:55 (LM)	113.3
L2-AS	*	#040	Chesapeake	14	61	August 17, 2003	19489	2003/229/15:54:30 (LM)	28.7
L1B1	*	#223	Carnarvon	94	111	August 18, 2003	19494	2003/230/00:26:07 (LM)	156.8
L1B1		#013	TWP_Nauru	85	91	August 18, 2003	19508	2003/230/23:23:39 (LM)	166.2
L1B1		#205	Plymouth	204	50	August 20, 2003	19530	2003/232/11:25:04 (LM)	52.7
Cal_Diode		#204	Egypt_1	179	69	August 21, 2003	19543	2003/233/08:56:15 (CD)	23.1
Cal_Diode		#003	Algeria_5	195	66	August 21, 2003	19544	2003/233/10:34:04 (CD)	36.9
L2-AS	*	#070	Houston	26	67	August 21, 2003	19548	2003/233/17:10:46 (LM)	118.0

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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	97	92	August 23, 2003	19567	2003/235/00:38:26 (LM)	102.4
L2-AS		#054	Egypt_Desert	177	73	August 23, 2003	19572	2003/235/08:46:07 (LM)	47.1
L1B1	*	#213	Hintereisfer	193	53	August 23, 2003	19573	2003/235/10:18:16 (LM)	9.1
L2-AS	*	#040	Chesapeake	15	61	August 24, 2003	19591	2003/236/16:00:52 (LM)	168.5
L2-AS	*	#040	Chesapeake	13	61	August 26, 2003	19620	2003/238/15:48:49 (LM)	99.5
L1B1	*	#223	Carnarvon	93	111	August 27, 2003	19625	2003/239/00:20:25 (LM)	12.8
L2-AS		#013	TWP_Nauru	84	91	August 27, 2003	19639	2003/239/23:17:56 (LM)	7.0
Cal_Diode		#089	Libya_1	187	71	August 29, 2003	19660	2003/241/09:46:45 (CD)	10.1
Cal_Diode		#166	Pacific_Temp	50	67	August 29, 2003	19666	2003/241/19:38:37 (CD)	124.6
L1B1	*	#213	Hintereisfer	194	53	August 30, 2003	19675	2003/242/10:24:34 (LM)	131.7
L2-AS	*	#070	Houston	25	67	August 30, 2003	19679	2003/242/17:05:03 (LM)	21.1
L2-AS		#079	JPL	41	63	August 30, 2003	19680	2003/242/18:42:40 (LM)	42.5
L1B1		#091	London	201	49	August 31, 2003	19690	2003/243/11:06:45 (LM)	18.4
L1A		#140	Salar	233	107	August 31, 2003	19692	2003/243/14:44:22 (LM)	21.7
Cal_Diode		#109	MOBY_Buoy	64	74	August 31, 2003	19696	2003/243/21:07:39 (CD)	39.4

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 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.