PacRim 2000 Deployment

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- DRAFT - DRAFT -

(4/27/00 block time now 5 min per Russ Padula)

Date	Latitude d (420 kt)	Latitude m	Longitude d (0.02)	Longitude m		Flight hours: Transit to	Data	Total	Primary Inst.	Comments
17-Jul	34	55	-117	53	Dryden, CA					Shakedown flight - no science instruments operating
	34	55	-117	53	Dryden, CA	0.0				
(.5 hrs accounted for transit warmup)										
					Block time	0.1		3.00		
21-Jul	34	55	-117	53	Dryden, CA					Engineering/Calibration Flight
	39	0	-120	0	Lake Tahoe	0.6	1.5		M	Master cal., ASTER overpass, on site at ~11:30
	37	33	-122	39	Golden Gate	0.4	1.5		A	exercise AIRSAR modes
	34	55	-117	53	Dryden, CA	0.7				
(.5 hrs accounted for transit warmup)										
					Block time	0.1		4.76		
22-Jul	34	55	-117	53	Dryden, CA					Engineering/Calibration Flight
	35	40	-116	27	Death Valley	0.2	0.5		A	2 POLSAR lines
	35	45	-115	15	Ivanpah	0.1	1.5		M	Master cal., ASTER overpass, on site at ~11:00
	34	48	-118	4	Rosamond	0.4	1.2		A	AIRSAR prelim calibration
	34	55	-117	53	Dryden, CA	0.0				
(.5 hrs accounted for transit warmup)										
					Block time	0.1		4.02		
25-Jul	34	55	-117	53	Dryden, CA					Engineering/Calibration Flight
	34	48	-118	4	Rosamond	0.0	2.5		A	AIRSAR calibration site
	34	25	-120	36	Vandenburg	0.3	1.5		A	AIRSAR calibration site (phase screen)
	35	48	-120	45.9	Camp Roberts	0.2	1.0		A	phase screen calibration site
	34	55	-117	53	Dryden, CA	0.4				
(.5 hrs accounted for transit warmup)										P-band 40 MHz calibration line collected on this day
					Block time	0.1		5.99		
27-Jul	34	55	-117	53	Dryden, CA					Engineering/Calibration Flight
	34	48	-118	4	Rosamond	0.0	2.5		A	AIRSAR calibration site
	38	12	-121	39	central CA	0.6	0.2		A	AIRSAR calibration site
	44	24	-121	49	Santiam	0.9	1.4		A	
	34	55	-117	53	Dryden, CA	1.4				
(.5 hrs accounted for transit warmup)										
					Block time	0.1		7.17		
31-Jul	34	55	-117	53	Dryden, CA					Dryden - French Polynesia transit
	0	0.0	-140	0.0	Equator Crossing	5.8	0.5		A, M	600 km ATI line just north of equator, secondary Mas
	-17	33.2	-149	36.4	Faaa, Tahiti	2.8				loc. TBD by transit route
(.5 hrs accounted for transit warmup)										
					Block time	0.1		9.24		

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Date	Latitude d (420 kt)	Latitude m	Longitude d (0.02)	Longitude m		Flight hours: Transit to	Data	Total	Primary Inst.	Comments
2-Aug	-17	33.2	-149	36.4	Faaa, Tahiti					Society Islands/some Tuamotus Master data
	-15	50.0	-147	45.0	Makatea	0.4	0.2		M	1 Master line
	-15	6.0	-147	45.0	Rangiroa	0.1	0.8		M	4 Master lines
	-17	40.0	-149	38.0	Tahiti/Moorea	0.4	2.8		A, M	11 TOPSAR lines + 1 Master line
	-16	51.0	-151	0.0	Huahine	0.2	0.4		A	2 TOPSAR lines
	-16	33.6	-151	42.0	Bora Bora	0.1	0.4		A	5 TOPSAR lines
	-16	39.0	-151	30.0	Taha'a/Raiatea	0.0	0.8		A	4 TOPSAR lines
	-16	26.0	-152	44.0	Maupiti	0.2	0.2		A	single TOPSAR line
	-17	40.0	-150	38.0	Maiao	0.3	0.2		A	single TOPSAR line
	-17	33.2	-149	36.4	Faaa, Tahiti	0.1				
(.5 hrs accounted for transit warmup)										9 AM takeoff for best sun angles over Makatea and
					Block time	0.1		7.81		Rangiroa, do Master line over Moorea first in Soc. Isl.
4-Aug	-17	33.2	-149	36.4	Faaa, Tahiti					Marquesas
	-9	27.0	-140	6.0	Ua Pou	1.8	0.4		A	2 TOPSAR lines (25 km)
	-8	55.0	-140	7.0	Nuku Hiva	0.1	0.8		A	4 TOPSAR lines (25 + 35 km)
	-8	57.0	-139	36.0	Ua Huka	0.1	0.4		A	2 TOPSAR lines (25 km)
	-10	0.0	-138	50.0	Motane	0.2	0.3		A	2 TOPSAR lines (55km); also cross Hiva Oa
	-9	56.0	-139	5.0	Tahuata	0.0	0.3		A	2 TOPSAR lines (45 km); also cross Hiva Oa
	-9	45.0	-139	0.0	Hiva Oa	0.0	0.4		A	2 TOPSAR lines (50 km)
	-10	31.8	-138	42.0	Fatu Iva	0.1	0.4		A	2 TOPSAR lines (25 km)
	-17	33.2	-149	36.4	Faaa, Tahiti	1.8				
(.5 hrs accounted for transit warmup)										
					Block time	0.1		7.19		
6-Aug	-17	33.2	-149	36.4	Faaa, Tahiti					Australes (all are imaged)
	-27	39.0	-144	19.8	Rapa	1.6	0.3		A	2 lines for DEM
	-23	54.0	-147	39.0	Raivavae	0.7	0.3		A	2 lines for DEM
	-23	24.0	-149	25.2	Tubuai	0.2	0.3		A	2 lines for DEM
	-22	30.0	-151	19.8	Rurutu	0.3	0.3		A	2 lines for DEM
	-22	39.6	-152	48.0	Rimatara	0.2	0.2		A	1 TOPSAR line (v. low island)
	-17	40.0	-149	38.0	Moorea	0.8	0.2		M	WX backup for 1 Master line - best sun angles at
	-17	33.2	-149	36.4	Faaa, Tahiti	0.0				end of day
(.5 hrs accounted for transit warmup)										
					Block time	0.1		5.55		
8-Aug	-17	33.2	-149	36.4	Faaa, Tahiti					Tahiti to Pago Pago, Am. Samoa Transit
	-14	33.0	-168	8.0	Rose Island	2.6	0.2		A	1 TOPSAR line
	-14	13.0	-169	35.0	Manuas Islands	0.2	0.5		A	2 TOPSAR lines
	-14	20.0	-170	45.0	Tutuila/Aunuu	0.2	0.8		A	3 TOPSAR lines
	-13	50.0	-172	10.0	Upolu/Savai'i	0.2	2.0		A	9 TOPSAR lines
	-14	20.0	-170	45.0	Pago Pago	0.2				
					Block time	1.0		7.81		
10-Aug	-14	20.0	-170	45.0	Pago Pago					Pago Pago, Am. Samoa - Christchurch transit
	-16	50	179	12	Savusavu Bay	1.4	0.5		M	2 Master flight lines
	-18	45	178	30	Kandavu	0.3	0.5		M	1 Master fligh tline
	-38	30	176	10	Rotorua	2.8	0.9		M, A	3 lines w/ simultaneous TOPSAR
	-43	29.3	172	32	Christchurch, NZ	0.8				
					Block time	0.1		7.37		*arrive Christchurch on Aug. 11*
										need to be at Rotorua by 2 pm local for sun angles
13-Aug	-43	29.3	172	32	Christchurch, NZ					Christchurch Local - South Island
	-42	57.2	171	0	South Island	0.2	1.0		A, M	2 POLSAR, 1 Master
	-43	30	171	30	Southern Alps	0.1	0.7		A	2 TOPSAR lines
	-43	22	170	29	Godley River	0.1	0.2		A	1 TOPSAR lines
	-44	0	169	0	Ostler Fault	0.2	0.2		A	TOPSAR
	-43	30	171	30	Otago	0.3	0.8		A	3 TOPSAR lines
	-43	29.3	172	32	Christchurch, NZ	0.1				
					Block time	0.1		3.93		

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Date	420 kt Latitude d	m	0.02 Longitude d	m		Flight hours Transit to	Data	Total	Primary Inst.	Comments
15-Aug	-43	29.3	172	32	Christchurch, NZ					Christchurch Local - North Island
	-39	28	175	47	Ohakune	0.7	0.4		A	2 TOPSAR lines
	-39	10	175	40	N. Tongario	0.0	0.2		A	1 POLSAR line
	-38	51	176	0	Ruapehu	0.1	0.5		A	TOPSAR build on '96 coverage
	-38	25	176	30	Kaingaroa Frst.	0.1	0.2		A, M	1 POLSAR line, secondary Master
	-38	30	176	10	Rotorua	0.0	0.0		A, M	WX BACKUP: 3 Master lines w/ concurrent TOPSAR
	-38	30	176	10	Rotorua/Wairake	0.0	0.2		A	1 TOPSAR line
	-37	31	177	11	White Island	0.2	0.4		A, M	TOPSAR & Master data, if clear
	-43	29.3	172	32	Christchurch, NZ	1.0				
					Block time	0.1		4.07		
17-Aug	-43	29.3	172	32	Christchurch, NZ					Christchurch to Adelaide, Australia transit
	-54	40	158	52	Macquarie I.	2.0	1.0		A, M	2 TOPSAR, 1 Master, also get small islands to N & S
	-43	20	146	45	Strathblane	2.0	0.4		A, M	2 lines Master & POLSAR, collected simultaneously
	-34	56	138	40	Adelaide	1.5				
					Block time	0.1		7.01		*sun angles low but okay*
18-Aug	-34	56	138	40	Adelaide					Adelaide Local
	-34	31	144	31	Hay	0.7	1.5		M	5 lines; multialtitude Master data, ASTER overpass
	-30	20	147	55	Carinda	0.7	0.3		A	single POLSAR line; secondary Master?
	-30	5	139	40	Mt. Fitton	1.0	0.5		M	2 xing lines, late AM, secondary AIRSAR
	-34	50	139	0	Mt. Lofty	0.7	1.0		A,M	POLSAR, TOPSAR, Master for 2 lines
	-34	56	138	40	Adelaide	0.0				
					Block time	0.1		6.56		
20-Aug	-34	56	138	40	Adelaide					Adelaide Local
	-35	34	150	0	Kioloa-Tallangan	1.3	0.5		A,M	POLSAR and Master of same line
	-35	30	148	20	Bago-Buccleuch	0.2	0.5		A,M	Master/POLSAR of same line
	-36	30	144	48	Colbinabbin	0.4	0.5		A,M	POLSAR, Master of same line
	-36	59	145	45	Ruffy	0.1	0.5		A,M	POLSAR, Master of same line
	-38	5	144	10	Gnarwarre	0.2	0.5		A,M	POLSAR, Master of same line
	-37	40	142	0	Hamilton	0.3	0.5		A,M	POLSAR, Master of same line
	-36	0	142	48	Birchirp	0.3	0.5		A,M	POLSAR, Master of same line
	-34	56	138	40	Adelaide	0.5				
					Block time	0.1		6.93		
23-Aug	-34	56	138	40	Adelaide					Adelaide Local - Backup Flight
	-34	56	138	40	Adelaide	0.0				
					Block time	0.1		0.10		**for Master data collection …*
25-Aug	-34	56	138	40	Adelaide					Adelaide to Townsville Transit
	-33	0	151	0	Hunter Region	1.5	0.8		A, M	2 AIRSAR, 1 Master lines
	-28	30	148	10	St. George	0.7	0.4		A, M	2 POLSAR lines w/ simultaneous Master
	-27	30	153	15	L. Coombabah	0.7	0.4		A, M	2 lines, TOPSAR and Master simultaneous
	-25	10	147	10	Injune	0.8	1.0		A, M	4 POLSAR lines w simultaneous Master
	-23	37	149	20	Duaringa	0.4	0.5		A,M	POLSAR/Master of same line
	-19	13.2	146	45.9	Townsville, Aust.	0.7				
					Block time	0.1		7.99		**be at L. Coombabh by 11-11:30 local for best sun angles*
27-Aug	-19	13.2	146	45.9	Townsville, Aust.					Townsville local (western PNG)
	-14	39	145	28	Lizard Island	0.7	0.2		M, A	Master tgt of opp, secondary ATI
	-7	0	142	0	Strickland River	1.2	1.0		A, M	TOPSAR, Master of same 2 lines (4 lines total if clea
	-3	20	142	25	Toricelli Range	0.5	0.8		A	3 TOPSAR lines, inc. Aitape/tsunami area
	-19	13.2	146	45.9	Townsville, Aust.	2.3				
					Block time	0.1		6.85		** be at Strickland by 9 am for best chance at clear wx*

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(4/27/00 block time now 5 min per Russ Padula)

Date	420 kt Latitude d	Latitude m	0.02 Longitude d	Longitude m		Flight hours Transit to	Data	Total	Primary Inst.	Comments
29-Aug	-19	13.2	146	45.9	Townsville, Aust.					Townsville local (western PNG)
	-6	20	155	25	Bougainville	2.2	1.1		A	4 TOPSAR lines; geol. Exploration; 2ndary Master
	-4	50	145	35	Adelbert R.	1.4	0.2		A	1 TOPSAR line
	-5	50	146	20	Finisterre Range	0.2	0.8		A, M	3 lines TOPSAR, secondary Master
	-19	13.2	146	45.9	Townsville, Aust.	1.9				
					Block time	0.1		7.90		** be at Bougainville by 9 am for best chance at clear*
31-Aug	-19	13.2	146	45.9	Townsville, Aust.					Townsville local
	-15	45	145	20	Cooktown	0.5	0.4		A	POLSAR, TOPSAR of same line
	-16	10	146	30	Daintree	0.2	0.8		A,M	POLSAR, TOPSAR, Master all of same line
	-17	49.2	145	48.5	Innisfail	0.3	0.8		A	2 100 km long racetracks
	-18	45	146	45	GB Reef	0.2	0.5		M	2 Master lines
	-19	39.2	146	8.52	Cowley Beach	0.2	1.5		A,M	4 AIRSAR + 1 Master line
	-19	13.2	146	45.9	Townsville, Aust.	0.1				
					Block time	0.1		5.50		**collect Daintree by 10:30 am for Master*
3-Sep	-19	13.2	146	45.9	Townsville, Aust.					Townsville Local (Backup)
	-19	13.2	146	45.9	Townsville, Aust.	0.0				
					Block time	0.1		0.10		
4-Sep	-19	13.2	146	45.9	Townsville, Aust.					Townsville to Alice Springs Transit
	-23	25	133	10	Amburla	1.9	1.5		M	multialtitude Master data
	-23	28.5	134	28	Mordor Complex	0.2	0.8		M	Master; secondary AIRSAR
	-24	6.9	132	53	Finke River	0.2	1.3		A,M	AIRSAR and Master of 3 lines
	-23	45	133	33	Kunoth	0.1	0.4		A,M	AIRSAR and Master
	-23	48.4	133	54.1	Alice Springs	0.0				
					Block time	0.1		6.55		
6-Sep	-23	48.4	133	54.1	Alice Springs					Alice Springs to Perth Transit
	-23	25	133	10	Amburla	0.1	0.0		M	WX BACKUP: multialtitude Master data.
	-33	5	115	55	Harvey	2.6	0.4		A,M	POLSAR, Master of same line
	-35	50	117	38	Torbay-Mt Barke	0.4	0.4		A,M	POLSAR, Master of same line
	-31	58	115	49	Perth, Aust.	0.6				
					Block time	0.1		4.61		
8-Sep	-31	58	115	49	Perth, Aust.					transit to Darwin
	-33	5	115	55	Harvey	0.2	0.0		A,M	WX BACKUP for Master data.
	-21	10	119	10	Panorama	1.8	0.5		M	2 xing Master lines; late AM; 6km flight altitude
	-12	30	133	0	East Alligator R.	2.3	1.0		A	4 TOPsar lines, 2 Master lines (if clear)
	-10	10	132	25	Pt. Farewell	0.3	0.5		A	2 POLSAR lines, one for 0-70 deg calibration
	-12	24.7	130	52	Darwin	0.4				
					Block time	0.1		7.00		**can collect Harvey in AM as Master backup*
10-Sep	-12	24.7	130	52	Darwin					Darwin local
	-4	40	136	40	Ajkwa, Irian Jaya	1.4	1.0		A,M	4 POLSAR /Master simultaneous lines
	-12	30	131	40	Mary River	1.3	0.4		A, M	2 TOPSAR lines, w/ simultaneous Master collection
	-12	20	131	15	Gunn Point	0.1	0.3		A	1 TOPSAR line
	-12	25	130	20	Darwin	0.1	0.8		A	0-75 deg. POLSAR data reqtd.; after 1 pm
	-12	25	130	20	Darwin Harbor	0.0	0.2		A	ATI line for CRISP/Singapore
	-13	0	131	0	Rum Jungle	0.1	0.4		A, M	2 lines Master and TOPSAR collected simultaneously
	-17	22	125	22	Broome	1.0	1.5		M	ASTER overpass, multialtitude Master data
	-12	24.7	130	52	Darwin	1.0				
					Block time	0.1		9.75		**collect Ajkwa by 9:30 am for best weather*
										collect Darwin after 1 pm per PI for local wind cond.
12-Sep	-12	24.7	130	52	Darwin					Darwin local (backup)
	-12	24.7	130	52	Darwin	0.0				
					Block time	0.1		0.10		

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Date	420 kt Latitude d	m	0.02 Longitude d	m		Flight hours Transit to	Data	Total	Primary Inst.	Comments
14-Sep	-12	24.7	130	52	Darwin					Darwin to Singapore Transit
	-12	30	133	0	East Alligator R.	0.3	1.0		A	4 TOPSAR lines, 2 Master unless coll. On 9/10/00
	-1	15	116	50	Sungai Wain	2.8	0.5		A	1st priority site: 2 lines (POLSAR & XTI2P
	0	55	116	20	Gunung Beratus	0.3	0.5		A	1 XT1P line, secondary Master
	1	38	101	30	Dumai, Sumatra	2.1	0.5		A	1 TOPSAR line, 1 POLSAR , 2ndary Master if clear
	1	20	103	50	Singapore	0.3				
					Block time	0.1		8.47		
16-Sep	1	20	103	50	Singapore					Singapore Local (Borneo)
	6	0	116	0	Kota Kinabalu	1.9	0.8		A, M	2 AIRSAR lines + 1 Master line
	1	32	118	0	Sambaliung Mtns	0.7	0.4		A	1 XT1P line, secondary Master
	1	35	114	38	Indon-Malay brd	0.5	0.5		A, M	2 TOPSAR lines, 1 Master line
	3	0	113	42	Bintulu	0.2	0.5		A, M	TOPSAR, Master of same line
	1	27.5	110	35	Samarahan	0.5	0.5		A, M	TOPSAR , Master of same line
	1	20	103	50	Singapore	1.0				
					Block time	0.1		7.54		
19-Sep	1	20	103	50	Singapore					Singapore Local (Peninsular Malaysia)
	3	0	101	25	Kinta KL	0.4	0.8		A, M	2 200 km lines, SAR and Master simultaneous
	4	0	101	20	Cameron	0.1	1.0		A, M	2 TOPSAR + 2 Master lines
	6	0	100	23	Muda Merbok	0.3	0.5		A, M	2 75 km lines, SAR and Master simultaneous
	5	48	103	1	Pulau Redang	0.4	0.5		A,M	1 TOPSAR, 1 ATI, 1 Master line
	5	28	102	53	Trengganu	0.1	0.7		A, M	2 simult. AIRSAR and Master lines (100 km long eac
	4	40	103	0	Dungun	0.1	0.4		A, M	2 simult. AIRSAR and Master lines
	3	10	102	40	Tasik Bera	0.2	0.4		A, M	POLSAR and Master of same line
	3	15	103	22	Pekan	0.1	0.4		A, M	POLSAR and Master of same line
	1	20	103	50	Singapore	0.3				
					Block time	0.1		6.82		**collect Master over Redang after 1 pm for sun angle*
21-Sep	1	20	103	50	Singapore					Singapore Local (SE Asia)
	13	21	103	50	Angkor	1.7	2.1		A, M	9 TOPSAR lines with secondary Master
	12	0	103	45	ctrl Cambodia	0.2	0.3		A, M	1 TOPSAR line, target of opp., 2ndary Master
	11	16	106	20	Cu Chi, Vietnam	0.4	0.5		A, M	POLSAR, Master of same line
	1	20	103	50	Singapore	1.5				
					Block time	0.1		6.75		
23-Sep	1	20	103	50	Singapore					Singapore to Cebu Transit
	6	6.48	124	53.5	Parker Volcano	3.1	0.8		A, M	TOPSAR racetrack; Master if clear
	10	27	123	40	Cebu	0.6	0.5		A, M	TOPSAR racetrack; Master if clear
	10	18.5	123	58.8	Cebu	0.0				
					Block time	0.1		5.17		
25-Sep	10	18.5	123	58.8	Cebu					Cebu local (Luzon sites)
	13	48	120	48	Balayan Bay	0.7	0.3		M, A	*if clear 1 Master line w/ simultaneous AIRSAR
	16	13.8	120	0	Lingayen Gulf	0.4	0.8		A, M	*3 lines: Master, POLSAR, ATI
	14	42	122	30	Polillio Islands	0.4	0.5		M, A	*if clear 1 Master line w/ simultaneous AIRSAR
	14	42	121	17	Marikina W'shed	0.2	0.5		A, M	1 POLSAR + 1 Master line, also covers Los Banos
	14	30	121	3	Metro Manila	0.0	0.5		A, M	POLSAR w/ simul. Master racetrack
	14	0	121	0	Taal	0.1	0.8		A, M	if clear 3 AIRSAR lines + concurrent Master
	15	10	120	22	Mt. Pinatubo	0.2	0.8		A, M	AIRSAR + Master data over summit if clear
	10	18.5	123	58.8	Cebu	0.9				
					Block time	0.1		7.07		
										** do all water lines before 10 AM for sunglint*

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(4/27/00 block time now 5 min per Russ Padula)

Date	420 kt Latitude d	m	0.02 Longitude d	m		Flight hours Transit to	Data	Total	Primary Inst.	Comments
27-Sep	10	18.5	123	58.8	Cebu					Cebu local (Taiwan sites)
	16	13.8	120	0	Lingayen Gulf	1.0	0.0		A, M	WX Backup
	21	55	120	49	Ken Ting	0.8	0.2		A	1 TOPSAR line
	21	35	120	20	S. Taiwan	0.1	0.5		A, M	POLSAR, Master of same line
	24	0	120	25	W. Taiwan	0.3	1.0		A, M	POLSAR, Master of same long line
	23	48	121	12	Central Range	0.1	1.4		A	4 TOPSAR lines
	10	18.5	123	58.8	Cebu	2.0				
					Block time	0.1		7.53		
29-Sep	10	18.5	123	58.8	Cebu					Cebu to Nagoya (S. Korea data collection)
	33	25	126	30	Jeju Island	3.3	1.5		A, M	7 TOPSAR w/ simult. Master, 1 POLSAR tgt of opp
	35	45	126	45	Gong-Ju	0.3	0.5		A, M	1 POLSAR, 1 TOPSAR w/ simult. Master
	34	45	127	40	Yeo-Su	0.2	0.2		A, M	1 Master line w/ simult. POLSAR
	35	30	129	13	Kyungsang	0.2	0.5		A, M	2 TOPSAR lines w/ simult. Master, 1 POL tgt of opp
	35	20	129	35	Ulsan	0.0	0.5		A, M	2 ATI lines with simult. Master
	35	10	136	53	Nagoya, Japan	0.9				
					Block time	0.1		8.24		** need to collect Master at Yeo-Su before 2 pm.*
2-Oct	35	10	136	53	Nagoya, Japan					Nagoya, Japan local
	35	20	137	30	Mikawa Plateau	0.1	0.5		A	TOPSAR
	37	51	138	56	Niigata	0.4	0.2		A	1 POLSAR line; coastal site, no P-band
	42	32	140	48	Mt. Usu	0.7	0.5		A	TOPSAR and Master if clear
	42	41	141	35	Tomakomai	0.1	1.0		A, M	2 POL 1 XTI2P 1 Master; forestry; P-band at 20 MHz
	42	15	141	9	Muroran	0.1	0.2		A	1 ATI2P, P-band POL at 20 MHz; oceanography
	39	50	140	56	Mt. Iwate	0.3	0.2		A	geology, 1 POLSAR line, no P-band
	36	1	140	6	Tsukuba	0.6	0.5		A, M	calib/agric site, 2 POLSAR lines, no P-band
	35	42	139	29	Tokyo	0.1	0.2		A, M	urban studies, 1 POLSAR line, no P-band
	35	23	138	41	Fuji	0.1	1.0		A	volcano; 3 POL, 1 TOP line, no P-band
	34	34	138	50	Izu	0.1	0.2		A, M	oceanography, 1 ATI2P line, no P-band
	33	41	136	21	Kumanonada	0.3	0.2		A, M	oceanography, 1 ATI2P line, P-band 20 MHz
	34	40	135	49	Nara	0.2	0.2		A	archeology, 1 POLSAR line no P-band
	35	10	136	53	Nagoya, Japan	0.1				
					Block time	0.1		8.16		
4-Oct	35	10	136	53	Nagoya, Japan					Nagoya, Japan local
	35	1	135	45	Kyoto	0.1	0.2		A	urban studies, 1 POLSAR line, no P-band
	34	42	135	14	Kobe	0.1	0.2		A	seismology, 1 TOPSAR line, no P-band
	34	30	134	55	Awaji	0.0	0.2		A	seismology, 1 TOPSAR line, no P-band
	34	34	133	54	Kojimawan	0.1	0.5		A	agriculture, 2 POLSAR lines, no P-band
	35	32	134	13	Tottori	0.1	0.5		A, M	calibration, 2 POLSAR lines, P-band 20 MHz
	34	21	132	30	Hiroshima Bay	0.3	0.2		A	urban studies, 1 POLSAR line, no P-band
	34	17	131	20	Akiyoshi	0.1	0.2		A	geology, 1 POLSAR line, no P-band
	33	46	130	26	Fukuoka	0.1	0.2		A, M	ocean site, ATI2P line w/ secondary Master
	32	44	130	18	Unzen	0.1	0.5		A, M	volcano
	32	52	131	5	Aso	0.1	0.3		A	geology, 1 TOPSAR line, no P-band
	31	36	130	42	Sakurajima	0.2	0.3		A	geology, 1 POLSAR line, no P-band
	30	21	130	31	Yakushima	0.2	0.8		A	coastal site, 1 POLSAR, 2 ATI, P-band on 2 lines
	31	44.0	133	32.0	Kuroshio Current	0.4	0.3		A, M	ATI line and Master
	35	10	136	53	Nagoya, Japan	0.6				
					Block time	0.1		7.21		

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- DRAFT - DRAFT -

(4/27/00 block time now 5 min per Russ Padula)

Date	420 kt Latitude d	m	0.02 Longitude d	m		Flight hours Transit to	Data	Total	Primary Inst.	Comments
6-Oct	35	10	136	53	Nagoya, Japan					Nagoya, Japan - Guam transit
	20	30.0	144	53.0	Farallon de Pajar	2.3	0.3		A	1 TOPSAR line
	18	44.0	145	39.0	Agrihan	0.3	0.4		A	2 TOPSAR lines; unpopulated volcanic island
	18	8.0	146	46.0	Pagan	0.2	0.4		A	2 TOPSAR lines; unpopulated volcanic island
	16	22.0	145	40.0	Anatahan	0.3	0.4		A	2 TOPSAR lines; unpopulated volcanic island
	15	12.0	145	43.0	Saipan/Tinian	0.2	0.5		A,M	2 TOPSAR + 1 Master; populated island
	14	10.0	145	15.0	Rota	0.2	0.4		A	2 TOPSAR lines; populated island
	13	35	144	55.7	Guam	0.1	0.8		A	4 TOPSAR lines to map whole island
	13	35	144	55.7	Guam	0.0				
					Block time	0.1		6.74		
8-Oct	13	28	144	45	Guam					Guam Local
	7	30.0	134	30.0	Palau	1.7	1.5		A, M	7 lines AIRSAR primary, secondary Master
	9	30.0	138	8.0	Yap Islands	0.6	0.7		A, M	2 TOPSAR lines + 1 Master line
	13	35	144	55.7	Guam	1.1				
					Block time	0.1		5.68		
10-Oct	13	28	144	45	Guam					Transit to Hilo
arr. Oct. 9	21	19.0	-157	48.0	Hickham, HI	7.9				
					Block time	0.1		7.97		
10-Oct	21	19.0	-157	48.0	Hickham, HI					Hawaii local (night overpass of Terra ~11 pm)
	21	40.0	-158	0.0	Northern Oahu	0.1	1.0		A	6 35 km TOPSAR lines
	20	33.0	-156	20.0	Kahoolawe	0.3	1.0		A,M	4 AIRSAR lines + 1 Master line
	19	0.0	-155	45.0	Hawaii	0.2	1.5		M	6 Master lines
	21	19.0	-157	48.0	Hickham, HI	0.4				
					Block time	0.1		4.60		
12-Oct	21	19.0	-157	48.0	Hickham, HI					Hawaii local
	22	0.0	-159	42.0	SE Kauai	0.3	4.0		A	
	21	19.0	-157	48.0	Hickham, HI	0.3				
					Block time	0.1		4.64		
14-Oct	21	19.0	-157	48.0	Hickham, HI					Hawaii local
	22	0.0	-159	42.0	SE Kauai	0.3	4.0		A	
	21	19.0	-157	48.0	Hickham, HI	0.3				
					Block time	0.1		4.64		
16-Oct	21	19.0	-157	48.0	Hickham, HI					Hawaii local (day overpass of Terra ~11 am)
	20	33.0	-156	20.0	Kahoolawe	0.2	0.2		M	1 Master line over island (day)
	19	30.0	-155	55.0	Kona Coast	0.2	0.4		A	2 TOPSAR lines
	19	0.0	-155	45.0	Hawaii	0.1	1.5		M	6 Master lines
	19	22.0	-155	20.0	Kilauea	0.1	0.4		A	Pu'u O'o, 2 TOPSAR lines
	19	30.0	-155	21.0	NW Kilauea	0.0	1.0		A	4 TOPSAR lines
	19	30.0	-155	30.0	Mauna Loa	0.0	2.0		A	8 TOPSAR lines
	19	45.0	-155	20.0	Mauna Kea	0.0	1.0		A	4 TOPSAR lines
	21	19.0	-157	48.0	Hickham, HI	0.4				
					Block time	0.1		7.62		
17-Oct	21	19.0	-157	48.0	Hickham, HI					Honolulu to Anchorage Transit
	53	28.0	-168	10.0	Okmok	4.7	1.2		A	6 TOPSAR lines
	61	12.0	-149	52.0	Anchorage	1.8				
					Block time	0.1		7.81		

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- DRAFT - DRAFT -

(4/27/00 block time now 5 min per Russ Padula)

Date	Latitude d (420 kt)	Latitude m	Longitude d (0.02)	Longitude m		Flight hours: Transit to	Data	Total	Primary Inst.	Comments
19-Oct	61	12.0	-149	52.0	Anchorage					Anchorage Local
	63	1.6	-141	26.0	Ladue River	0.6	0.6		A	3 TOPSAR lines
	63	7.0	-141	56.0	Nabesca	0.0	0.6		A	3 TOPSAR lines
	63	12.0	-142	15.0	Northway Jtn	0.0	0.6		A	3 TOPSAR lines
	63	28.0	-142	30.0	Tetlin Jtn	0.0	0.6		A	3 TOPSAR lines
	63	42.0	-144	15.0	Dot Lake, AK	0.1	0.6		A	3 TOPSAR lines
	63	30.0	-143	56.0	Cathedral Rapids	0.0	0.6		A	3 TOPSAR lines
	63	57.0	-145	15.0	Gerstle River	0.1	0.6		A	3 TOPSAR lines
	64	12.6	-146	15.0	Big Delta, AK	0.1	0.6		A	3 TOPSAR lines
	61	12.0	-149	52.0	Anchorage	0.5				
					Block time	0.1		6.44		
21-Oct	61	12.0	-149	52.0	Anchorage					Anchorage Local
	64	27.0	-146	45.0	Richardson, AK	0.5	0.6		A	3 TOPSAR lines
	64	37.0	-147	27.0	Fairbanks East	0.0	0.6		A	3 TOPSAR lines
	64	57.0	-147	30.0	Fairbanks West	0.0	0.6		A	3 TOPSAR lines
	64	10.0	-145	50.0	Anchorage	0.2	2.0		A	9 TOPSAR lines
	59	22.0	-153	25.0	Augustine	0.9	0.6		A	3 TOPSAR lines
	61	12.0	-149	52.0	Anchorage	0.4				
					Block time	0.1		6.47		
23-Oct	61	12.0	-149	52.0	Anchorage					Transit to Dryden, End of Season Calibration
	39	0	-120	0	Lake Tahoe	4.1	1.5		M	Master cal.,
	34	48	-118	4	Rosamond	0.6	1.0		A	AIRSAR Cal.,
	34	55	-117	53	Dryden, CA	0.0				
(.5 hrs accounted for transit warmup)										
					Block time	0.1		7.38		
25-Oct	34	55	-117	53	Dryden, CA					Dryden Local Backup
	34	55	-117	53	Dryden, CA	0.0				
(.5 hrs accounted for transit warmup)										
					Block time	0.1		0.10		
					Complete Mission Totals:		137.30	297.91		
					PacRim totals			269.70		