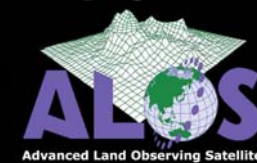




RSP request form Work sheet "ScanSAR"



6th K&C Science meeting, Feb 28 - Mar 3, 2005

Product Leader: _____
 Prototype area: _____

Descending mode
ScanSAR
 ScanSAR Prototype Area 3

Fill in required latitude information for each RSP pass covering the Prototype Area(s).

Total #scenes	Total #passes	Max pass [km]	Average pass [km]
0	0	0	0

RSP #	88	85	82	79	76	73	70	67	64	61	58	55	52	49	46	43	40	37	34	31	28	25	22	19	16	13	10	7	4	1
N-Lat [XX x deg]																														
S-Lat [YY y deg]																														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

#scenes	#passes	Max [km]
0.0	0	0

RSP #	178	175	172	169	166	163	160	157	154	151	148	145	142	139	136	133	130	127	124	121	118	115	112	109	106	103	100	97	94	91
N-Lat [XX x deg]																														
S-Lat [YY y deg]																														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

#scenes	#passes	Max [km]
0.0	0	0

RSP #	268	265	262	259	256	253	250	247	244	241	238	235	232	229	226	223	220	217	214	211	208	205	202	199	196	193	190	187	184	181
N-Lat [XX x deg]																														
S-Lat [YY y deg]																														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

#scenes	#passes	Max [km]
0.0	0	0

RSP #	358	355	352	349	346	343	340	337	334	331	328	325	322	319	316	313	310	307	304	301	298	295	292	289	286	283	280	277	274	271
N-Lat [XX x deg]																														
S-Lat [YY y deg]																														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

#scenes	#passes	Max [km]
0.0	0	0

RSP #	448	445	442	439	436	433	430	427	424	421	418	415	412	409	406	403	400	397	394	391	388	385	382	379	376	373	370	367	364	361
N-Lat [XX x deg]																														
S-Lat [YY y deg]																														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

#scenes	#passes	Max [km]
0.0	0	0

RSP #	538	535	532	529	526	523	520	517	514	511	508	505	502	499	496	493	490	487	484	481	478	475	472	469	466	463	460	457	454	451
N-Lat [XX x deg]																														
S-Lat [YY y deg]																														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

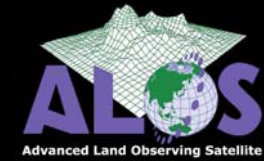
#scenes	#passes	Max [km]
0.0	0	0

RSP #	628	625	622	619	616	613	610	607	604	601	598	595	592	589	586	583	580	577	574	571	568	565	562	559	556	553	550	547	544	541
N-Lat [XX x deg]																														
S-Lat [YY y deg]																														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

#scenes	#passes	Max [km]
0.0	0	0

RSP #	670	667	664	661	658	655	652	649	646	643	640	637	634	631
N-Lat [XX x deg]														
S-Lat [YY y deg]														
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

#scenes	#passes	Max [km]
0.0	0	0



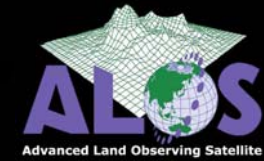
Compilation of the RSP requests

- Delineate your Prototype Area(s) on the RSP (orbit) map
- Identify RSP passes to be processed by JAXA EORC by indicating in the Excel sheet for each Prototype Area:
 1. RSP#
 2. Latitude of northern limit of the RSP pass
 3. Latitude of southern limit of the RSP pass
- Multiple prototype areas acquired/requested during the same 46-day cycles may be added together on one Excel work sheet
- Areas acquired during different cycles - separate work sheets.

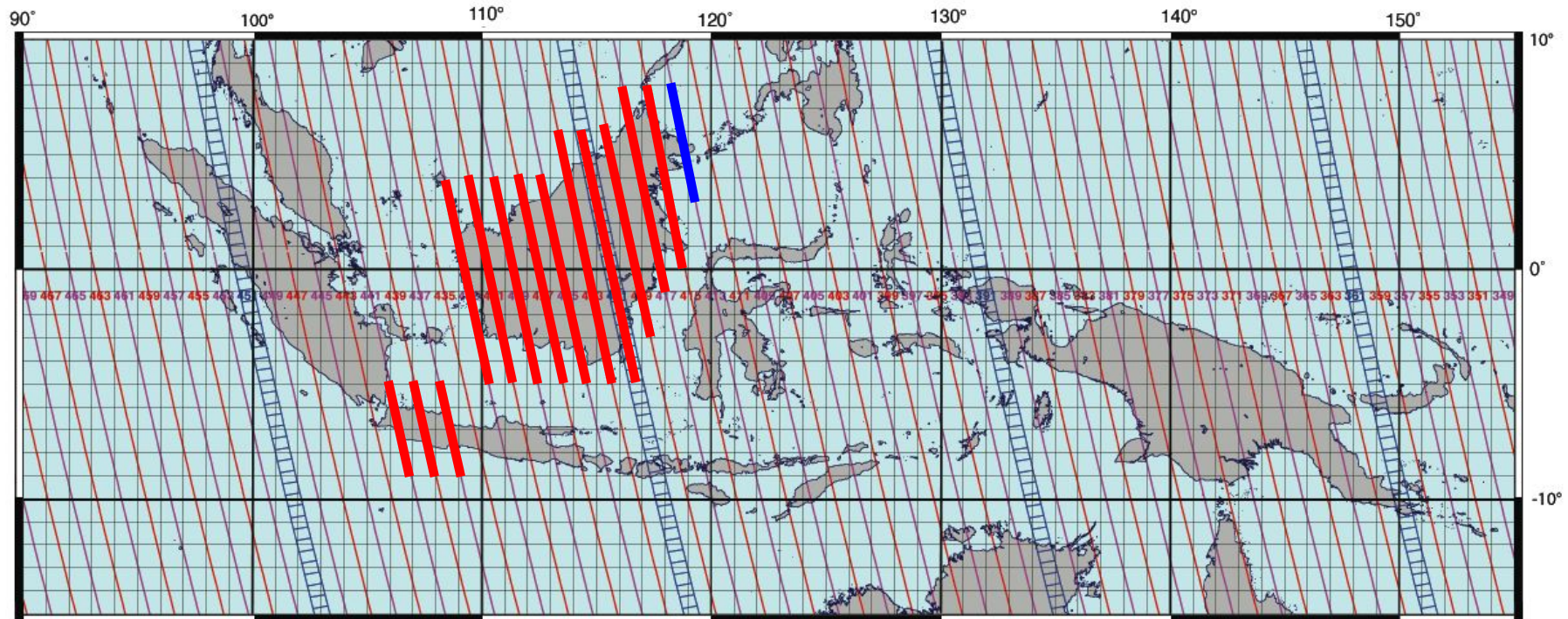
Caution with Prototype Areas which span over several polygons, that are acquired during different satellite cycles: request needs to be divided into separate work sheets.



Identifying the Prototype Areas on the RSP map

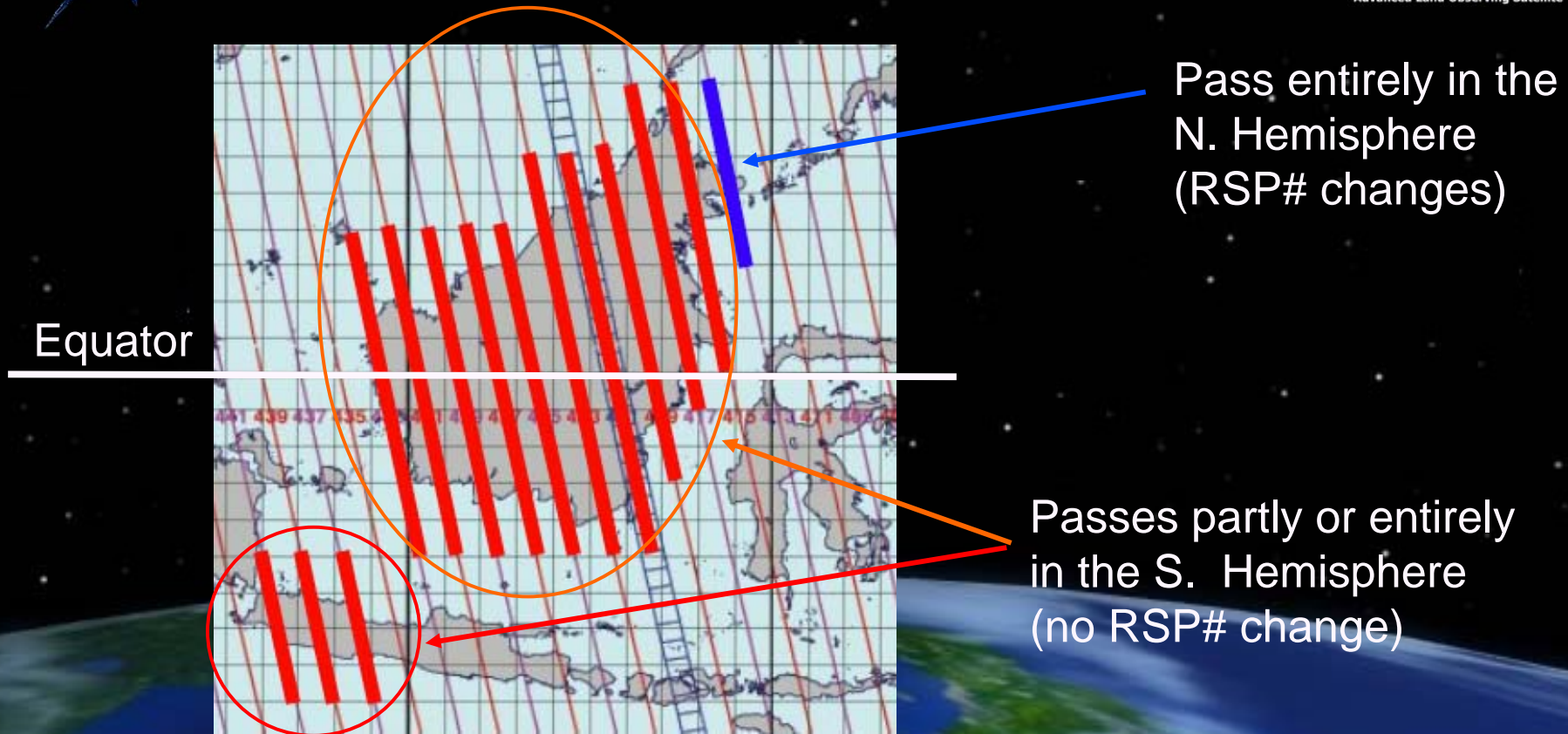


PALSAR Ascending 41.5°
Insular SE-Asia & PNG



Example: Passes required to cover Borneo and western Java

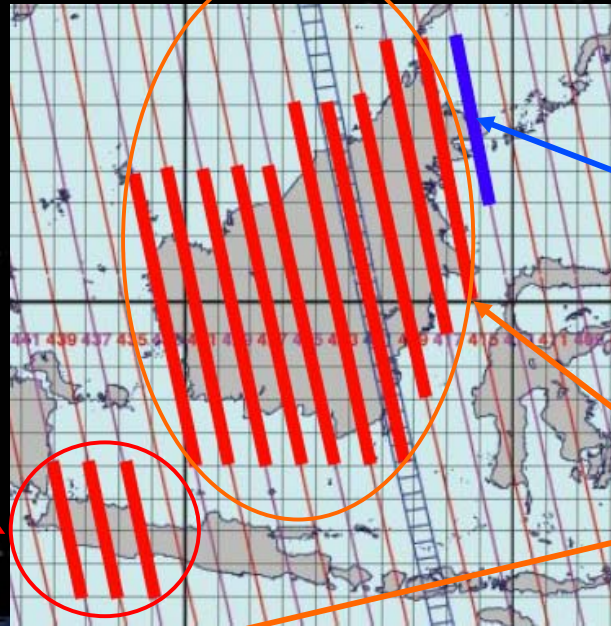
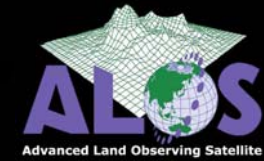
Identifying RSP passes



Caution 1: RSP numbers change (+46) at the Equator (ascending).
--> Data segments starting on, or crossing over the Equator - keep southern hemisphere RSP#.
Note: Only every 2nd pass plotted on RSP map.



Adding desired passes to the Excel RSP table



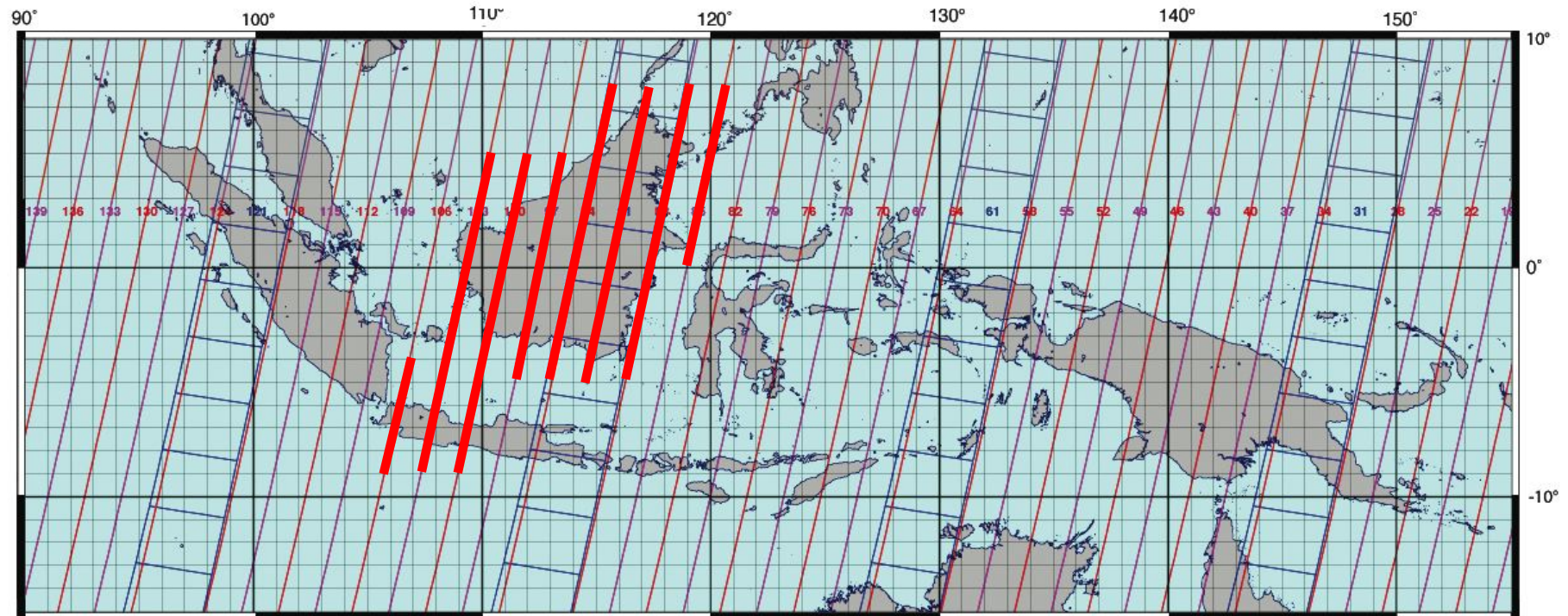
RSP
437-442

RSP
459-460

RSP 415-433

RSP #	420	419	418	417	416	415	414	413	412	411	410	409	408	407	406	405	404	403	402	401	400	399	398	397	396	395	394	393	392	391
N-Lat. [XXx deg]	6.0	6.0	8.0	8.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S-Lat. [YYy deg]	-3.0	-3.0	-1.0	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Segment length [deg]	9.0	9.0	9.0	9.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
# scenes (/band)	14.3	14.3	14.3	14.3	12.7	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSP #	450	449	448	447	446	445	444	443	442	441	440	439	438	437	436	435	434	433	432	431	430	429	428	427	426	425	424	423	422	421
N-Lat. [XXx deg]									-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	6.0	6.0	
S-Lat. [YYy deg]									-9.0	-9.0	-9.0	-9.0	-9.0	-9.0	0.0	0.0	0.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0	0.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	11.0	11.0	11.0	11.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	6.3	6.3	6.3	6.3	6.3	0.0	0.0	0.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	17.5	17.5	17.5	17.5	
RSP #	480	479	478	477	476	475	474	473	472	471	470	469	468	467	466	465	464	463	462	461	460	459	458	457	456	455	454	453	452	451
N-Lat. [XXx deg]																						8.0	8.0							
S-Lat. [YYy deg]																						3.0	3.0							
Segment length [deg]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
# scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

PALSAR ScanSAR Descending

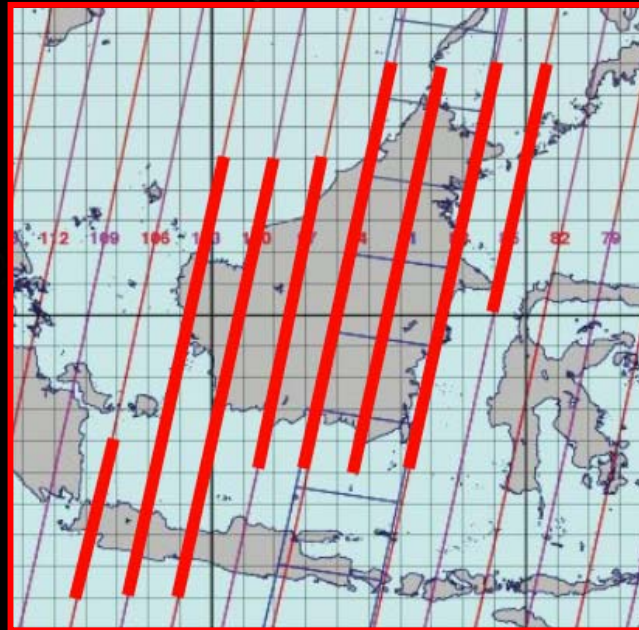
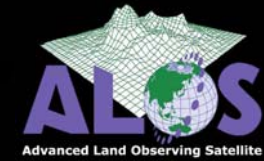


Note 1: No RSP number change for descending passes.

Note 2: Every 3rd pass acquired in ScanSAR mode (= plotted on RSP map).



Making the ScanSAR request



RSP#
85, 88, 91,
94, 97, 100,
103, 106

6th K&C Science meeting, Feb.28 - Mar.3, 2005

Descending mode
ScanSAR

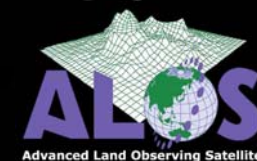
Product Leader:	Ernst Ramberg
Prototype area:	Borneo & West Java

RSP #	88	85	82	79	76	73	70	67	64	61	58	55	52	49	46	43	40	37	34	31	28	25	22	19	16	13	10	7	4	1
N-Lat. [XX.X deg.]	8.0	8.0																												
S-Lat. [YY.Y deg.]	-5.0	0.0																												
Segment length [deg.]	13.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
#scenes (/band)	4.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

RSP #	178	175	172	169	166	163	160	157	154	151	148	145	142	139	136	133	130	127	124	121	118	115	112	109	106	103	100	97	94	91
N-Lat. [XX.X deg.]																									-4.0	5.0	5.0	5.0	8.0	8.0
S-Lat. [YY.Y deg.]																									-9.0	-9.0	-9.0	-5.0	-5.0	-5.0
Segment length [deg.]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	14.0	14.0	10.0	13.0	13.0	
#scenes (/band)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.4	4.4	3.2	4.1	4.1	



Fill in the Summary page



614 K&C Science meeting, Feb 28 - Mar 1, 2009

Summary of K&C PALSAR data requested from JAXA EORC by Ernst Ramberg

Fill in the requested information in the empty boxes

Product Leader:		Ascending mode (HH or HH+HV 41.5°)			
Affiliation	Country	Total #scenes	Total #passes	Average pass [km]	Data [Gbyte]
Ernst Ramberg	Fiji	2,679	261	719	69

Descending mode ScanSAR		Ascending mode (HH or HH+HV 41.5°)			
Total #scenes	Total #passes	Average pass [km]	Data [Gbyte]		
1,051	136	2,706	231		

Ascending mode		Ascending subtotals 1			
Prototype area 1:	PALSAR polygon(s)	#scenes/coverage	#pass/cov	Mbyte/cov.	
Borneo, west Java	B3	306	27	600	
Proc. level *: SLP / GRP		#cov	#scenes	#passes	Tot. Gbyte
ORP-GEO / ORP-MER / MOS	SLP	8	2,451	216	67.2
Media (FTP or S-DLT)	FTP				

Ascending mode		Ascending subtotals 2			
Prototype area 2:	PALSAR polygon(s)	#scenes/coverage	#pass/cov	Mbyte/cov.	
Iceland	D2	76	15	149	
Proc. level *: SLP / GRP		#cov	#scenes	#passes	Tot. Gbyte
ORP-GEO / ORP-MER / MOS	SLP	3	229	45	2.2
Media (FTP or S-DLT)	FTP				

Product Leader:	Ernst Ramberg	Ascending mode (HH or HH+HV 41.5°)			
Affiliation	Hotaheiti University	Total #scenes	Total #passes	Average pass [km]	Data [Gbyte]
Country	Fiji	2,679	261	719	69
K&C Theme	Forest	Descending mode ScanSAR			
		Total #scenes	Total #passes	Average pass [km]	Data [Gbyte]
		1,051	136	2,706	231
Ascending mode HH 41.5° & HH+HV 41.5°					
Prototype area 1:	Borneo, west Java	Ascending subtotals 1			
PALSAR polygon(s)	B3	#scenes/coverage	#pass/cov	Mbyte/cov.	
Proc. level *: SLP / GRP	SLP	306	27	600	
ORP-GEO / ORP-MER / MOS	SLP	#cov	#scenes	#passes	Tot. Gbyte
Media (FTP or S-DLT)	FTP	8	2,451	216	67.2
Prototype area 2:	Iceland	Ascending subtotals 2			
PALSAR polygon(s)	D2	#scenes/coverage	#pass/cov	Mbyte/cov.	
Proc. level *: SLP / GRP	SLP	76	15	149	
ORP-GEO / ORP-MER / MOS	SLP	#cov	#scenes	#passes	Tot. Gbyte
Media (FTP or S-DLT)	FTP	3	229	45	2.2

Top box:

- Personal info

For each request:

- Polygon codes
- Proc. level and
- Media prefs.

