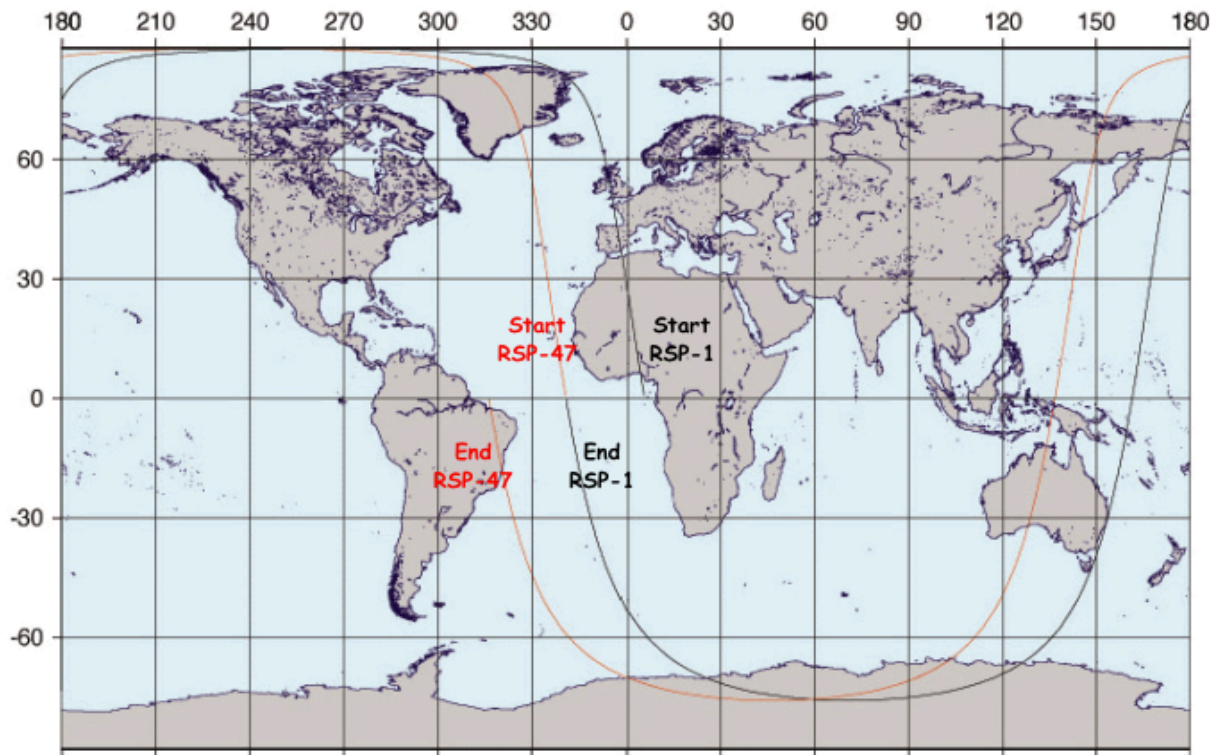


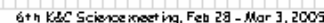
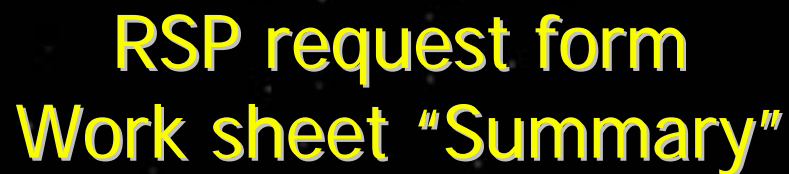
RSP - the orbit Reference System for Planning

RSP - an orbit-based system based on the actual footprint of the observation swath will to be used within the K&C Initiative for pass identification



671 ALOS orbits
within a 46-day
cycle.

- A RSP pass is defined to start at the Equator in **ascending** mode, resulting in a "jump" in the numbering ($n+46$) with every ascending equator crossing (CAUTION!)

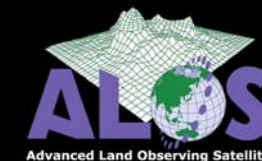


Fill in the requested information in the empty boxes

[illegible][illegible][illegible][illegible]



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).

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0	0.0	0.0	0.0	0.0	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	0.0		

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

#scenes	#passes	Max [km]
0.0	0	0

#scenes	#passes	Max [km]
0.0	0	0

#scenes	#passes	Max [km]
0.0	0	0

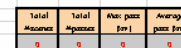
#scenes	#passes	Max [km]
0.0	0	0

#scenes	#passes	Max [km]
0.0	0	0

#scenes	#passes	Max [km]
0.0	0	0

#scenes	#passes	Max [km]
0.0	0	0

#scenes	#passes	Max [km]
0.0	0	0



Opacitas	Opacitas	Assimilação
0,0	0	0

ფილიალი	ფილიალი	ანგარიში
00	0	0

Opérateur	Opérateur	And/Or
00	0	0

Officer	Officer	Assistant
0.0	0	0

00000000	00000000	00000000
00	0	0

ଉପାଦାନ	ପ୍ରାଥମିକ	ମାଧ୍ୟମିକ
ଉପାଦାନ	ଉପାଦାନ	ଉପାଦାନ

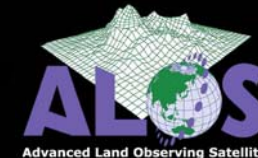
0,0	0	0

0,0	0	0

00	0	0

Q1	Q2	Q3

Year	2010	2011	2012
2010			
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2014			
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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.

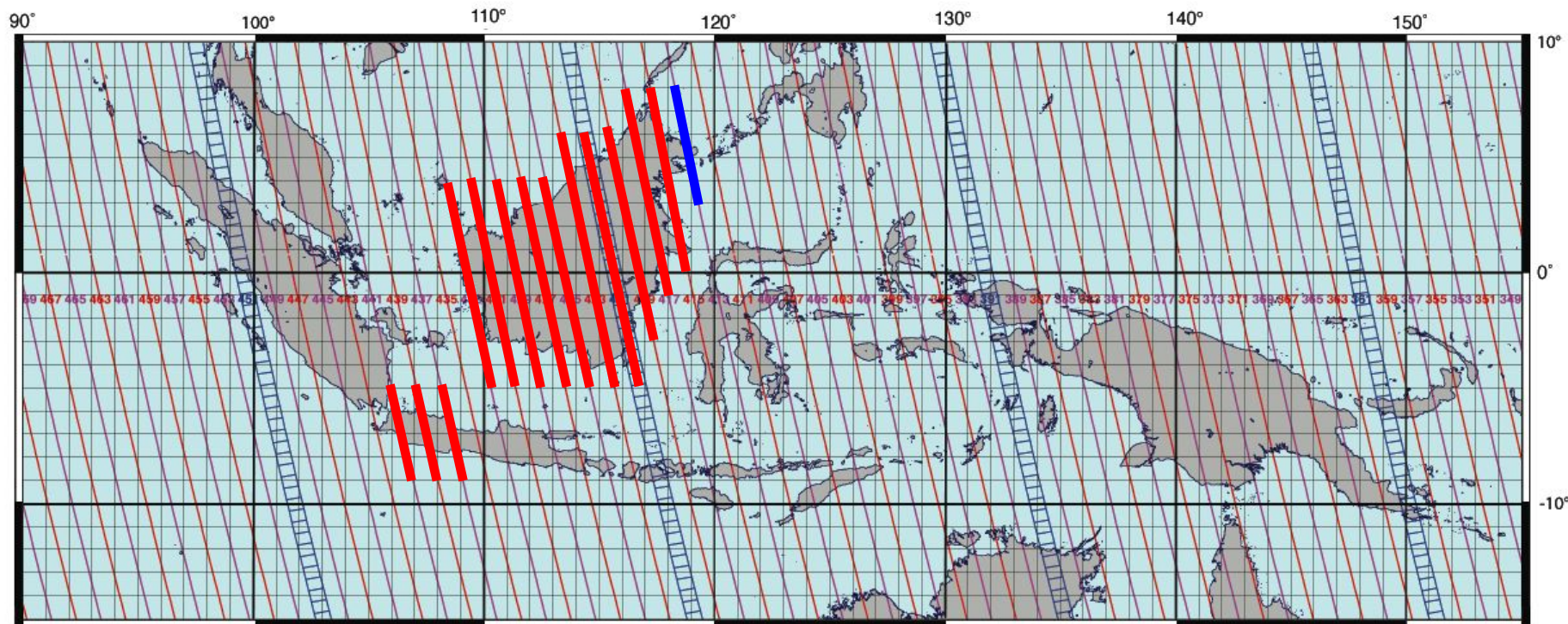
Caution with Prototype Areas which span over several polygons, that are acquired during different satellite cycles: request needs to be divided into separate work sheets.



Identifying the Prototype Areas on the RSP map

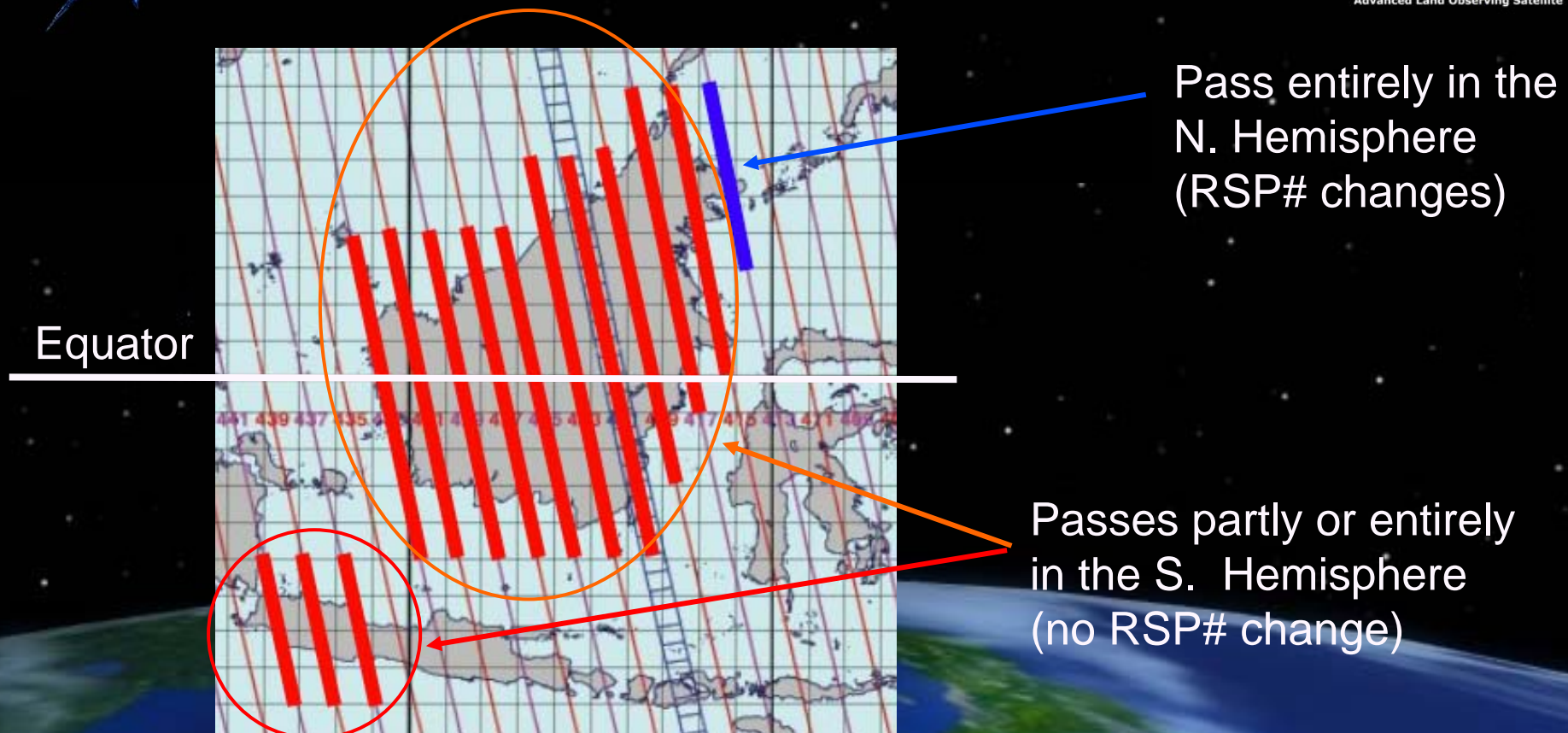


PALSAR Ascending 34.3°
Insular SE-Asia & PNG



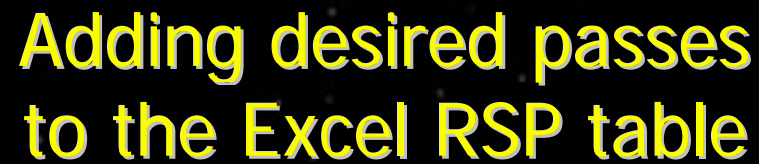
Example: Passes required to cover Borneo and western Java

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.

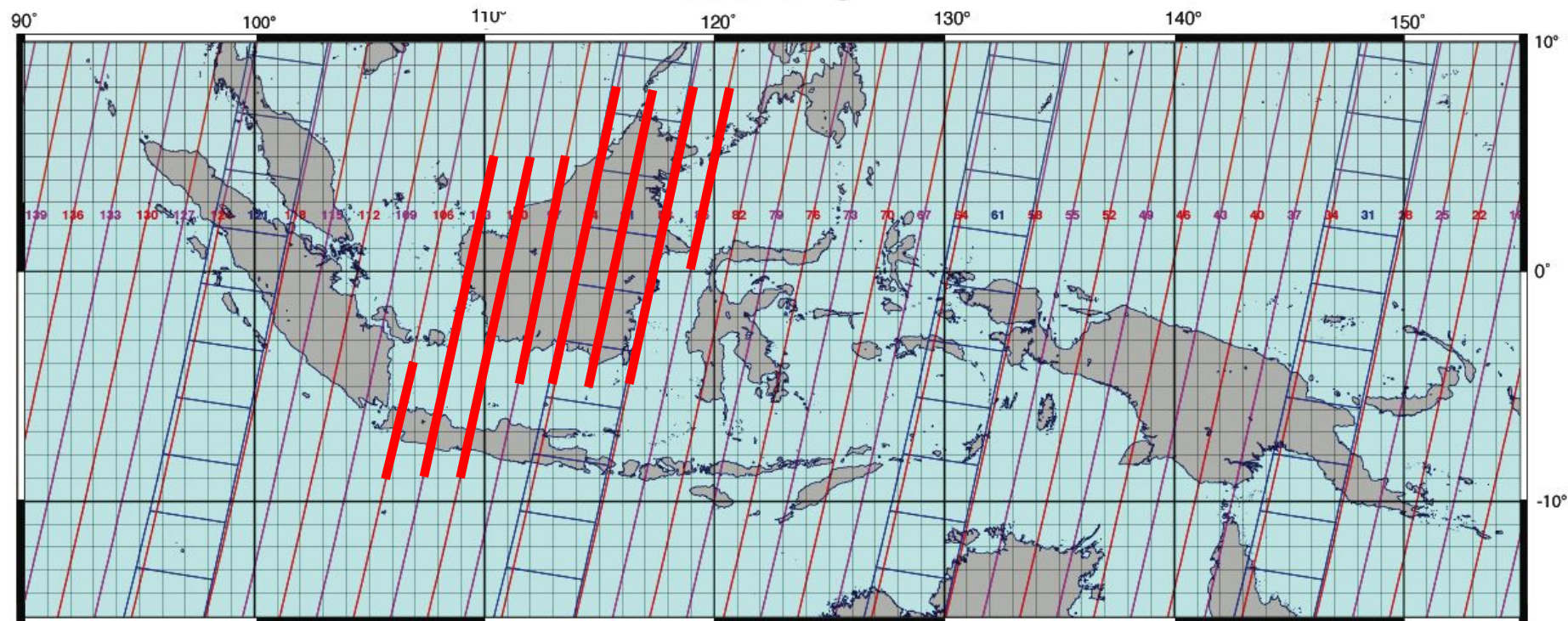


RSP
459-460

RSP 415-433

[illegible]

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

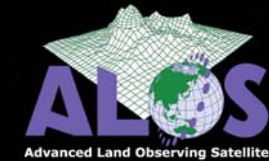
Product Leader:	Ernst Ramberg																														
Prototype area:	Borneo & West Java																														

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. [XXx deg.]	8.0	8.0																												
S-Lat. [YYy 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	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	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. [XXx deg.]																									-4.0	5.0	5.0	5.0	8.0	8.0
S-Lat. [YYy 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	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	0.0	1.4	4.4	4.4	3.2	4.1	4.1



Fill in the Summary page



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

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

Fill in the requested information in the empty boxes

Product Leader:		Ernst Ramberg	
Affiliation:		Hotaheiti University	
Country:		Fiji	
K&C Theme:		Forest	

Ascending mode		HH 41.5° & HH+HV 41.5°	
Prototype area 1:		Borneo, west Java	
PALSAR polygon(s):		B3	
Proc. level *: SLP / GRP		SLP	
ORP-GEO / ORP-MER / MOS		SLP	
Media (FTP or S-DLT)		FTP	

Descending mode		ScanSAR	
Prototype area 2:		Iceland	
PALSAR polygon(s):		D2	
Proc. level *: SLP / GRP		SLP	
ORP-GEO / ORP-MER / MOS		SLP	
Media (FTP or S-DLT)		FTP	

Top box:

- Personal info

For each request:

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

Product Leader:		Ernst Ramberg	
Affiliation		Hotaheiti University	
Country		Fiji	
K&C Theme		Forest	

Ascending mode (HH or HH+HV 41.5°)			
Total #scenes	Total #passes	Average pass [km]	Data [Gbyte]
2,679	261	719	69

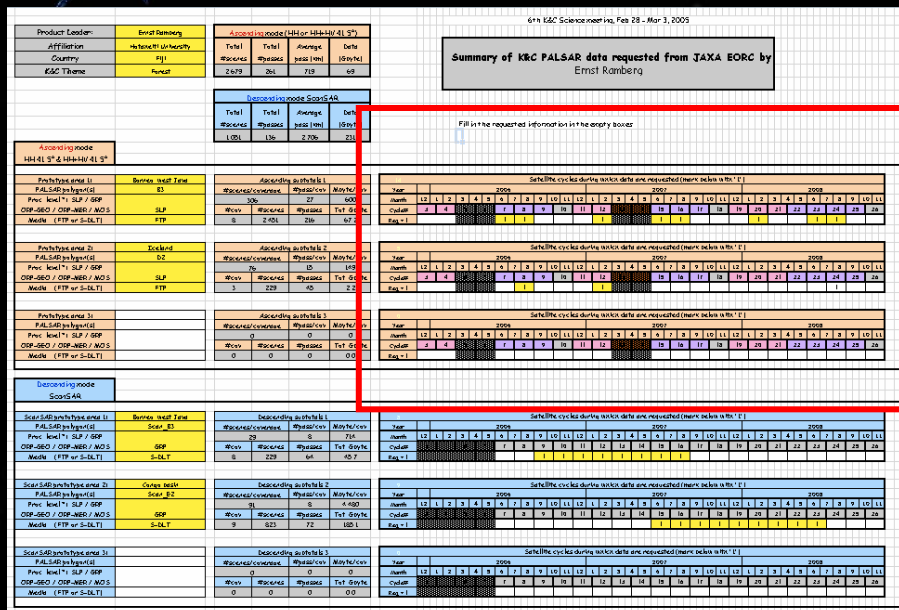
Descending mode ScanSAR			
Total #scenes	Total #passes	Average pass [km]	Data [Gbyte]
1,051	136	2,706	231

Ascending mode		HH 41.5° & HH+HV 41.5°	
Prototype area 1:		Borneo, west Java	
PALSAR polygon(s)		B3	
Proc. level *: SLP / GRP		SLP	
ORP-GEO / ORP-MER / MOS		SLP	
Media (FTP or S-DLT)		FTP	

Prototype area 2:		Iceland	
PALSAR polygon(s)		D2	
Proc. level *: SLP / GRP		SLP	
ORP-GEO / ORP-MER / MOS		SLP	
Media (FTP or S-DLT)		FTP	

Ascending subtotals 1		
#scenes/coverage	#pass/cov	Mbyte/cov.
306	27	600
#cov	#scenes	#passes
8	2,451	216

Ascending subtotals 2		
#scenes/coverage	#pass/cov	Mbyte/cov.
76	15	149
#cov	#scenes	#passes
3	229	45



For each Prototype Area:
Indicate the corresponding
satellite cycle numbers
(based on the modified
version of the processing
requests prepared at KC#5)

Satellite cycles during which data are requested (mark below with "1")																																					
Year	2006												2007												2008												
Month	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	
Cycle#	3	4					7	8	9	10	11	12	1	12					15	16	17		18	19	20	21		22	23	24	25	26					
Req. = 1							1	1					1						1	1						1					1	1					

Satellite cycles during which data are requested (mark below with "1")																																					
Year	2006												2007												2008												
Month	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	
Cycle#	3	4				7		8	9		10	11	12		12					15	16	17	18	19	20	21	22	23	24	25	26						
Req. = 1								1					1																			1					

[illegible]