

# Strip Data Processing at JAXA/EORC

## Processing Status and Schedule

ALOS K&C 9<sup>th</sup> Science Team Meeting  
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# Data Acquisition Situation

Jan. 04 '08

Cycle	Fine Beam (FBS & FBD)			ScanSAR (WB1 & WB2)		
	Request	Acquisition	Ratio*	Request	Acquisition	Ratio*
07	0	0	–	131	99	76%
08	297	236	79%	184	117	64%
09	457	380	83%	285	172	60%
10	0	0	–	285	182	64%
11	0	0	–	359	235	65%
12	961	749	78%	382	280	73%
13	1673	1465	88%	437	324	74%
14	331	252	76%	440	332	75%
15	0	0	–	435	370	85%
16	282	206	73%	372	286	77%

\*: Due to conflict of observation request or some issues in satellite operation.

# Data Processing Status

- ▶ SLP and GRP Products (FBS & FBD)
  - Processing started from last August.
  - No major issue. Stable processing.
  - Processing new acquisition data and Cycle-12,13 and 14 data.
- ▶ Path Browse G-Ref Image Products (ScanSAR)
  - Processing started from last September.
  - No major issue. Stable processing.
  - Processing new acquisition data.
- ▶ SLP and GRP Products (ScanSAR)
  - Processing started from last week.
  - Processing new acquisition data.
- ▶ ORP Products (All mode)
  - The SIGMA-SAR needs to be upgraded (On memory => On Disk).
  - Not processed.

# Data Processing Status

Jan. 04 '08

Cycle	Fine Beam (FBS & FBD)			ScanSAR (WB1 & WB2)		
	Acquisition	Producing	Ratio*	Acquisition	Producing	Ratio*
07	0	0	–	99	0	0%
08	236	0	0%	117	0	0%
09	380	0	0%	172	0	0%
10	0	0	–	182	0	0%
11	0	0	–	235	0	0%
12	749	550	73%	280	0	0%
13	1465	1111	76%	324	0	0%
14	252	212	84%	332	0	0%
15	0	0	–	370	16	4%
16	206	6	3%	286	0	0%

\*: Due to data or software issues. Will be processed by reprocessing.

# Data Processing Schedule

- ▶ Path product can be processed 1020 Path/Cycle.
- ▶ There are 1343 paths for cycle 12 and 2110 paths for cycle 13 of request which are over our limitation of processing.
- ▶ Numbers of requested paths after now are under the limitation.
- ▶ It will be catch up after now.

# Data Processing Schedule

- ▶ SLP and GRP Products (FBS & FBD)
  - Will be processed data with the following priority.
    - ▶ 1<sup>st</sup> : New acquisition data
    - ▶ 2<sup>nd</sup> : Cycle-12,13 and 14
    - ▶ 3<sup>rd</sup> : Cycle-08 and 09
  - Will finish the data processing of Cycle-12,13 and 14 by the end of March.
- ▶ Path Browse G-Ref Image Products (ScanSAR)
  - On schedule
- ▶ SLP and GRP Products (ScanSAR)
  - Will be processed data with the following priority.
    - ▶ 1<sup>st</sup> : New acquisition data
    - ▶ 2<sup>nd</sup> : Cycle-15 and 14 => 13 => 12 => .....
- ▶ ORP Products (All mode)
  - T.B.D

# Summary

- ▶ SLP,GRP Products are processed
  - Will be provided new acquisition data on schedule.
  - Will be catch up soon for the product which not been processed.
- ▶ ORP Products are not processed
  - It is necessary for us to schedule again.
- ▶ Other
  - If there are the data that you want us to process earlier, please send E-Mail to us ([ALOS-KC@jaxa.jp](mailto:ALOS-KC@jaxa.jp)).



# Data Processing

Dec. 28 '07

	All				Fine Beam				Wide Beam			
	要求数	観測数	提供済	提供/観測	要求数	観測数	提供済	提供/観測	要求数	観測数	提供済	提供/観測
Ake	64	45	0	0%	0	0	0	-	64	45	0	0%
Bruce	1340	1060	465	44%	625	513	465	91%	715	547	0	0%
Schmullius	228	189	53	28%	228	189	53	28%	0	0	0	-
Hoekman	514	378	69	18%	216	173	69	40%	298	208	0	0%
Francesco	51	43	29	67%	51	43	29	67%	0	0	0	-
De_grandi	1348	1049	524	50%	1076	889	524	59%	272	160	0	0%
Humberto	160	125	16	13%	118	87	0	0%	42	38	16	42%
Fransson	45	38	25	66%	45	38	25	66%	0	0	0	-
Hess	375	319	65	20%	72	70	65	93%	303	247	0	0%
Haillikainen	187	120	40	33%	113	93	40	43%	74	27	0	0%
Shimada	764	577	149	26%	275	222	149	67%	489	345	0	0%
Max	89	67	0	0%	0	0	0	-	89	67	0	0%
Costa	480	379	207	55%	396	309	207	67%	84	70	0	0%
Paillou	162	143	92	64%	162	143	92	64%	0	0	0	-
Dalton	538	453	46	10%	301	244	46	19%	237	209	0	0%
Lucas	118	112	76	68%	118	112	76	68%	0	0	0	-
Salas	396	202	12	6%	72	54	12	22%	324	230	0	0%
Quegan	53	42	11	26%	45	37	11	30%	8	5	0	0%
Le_toan	209	131	13	10%	38	30	13	43%	171	101	0	0%
Milne	190	140	3	2%	50	42	3	7%	140	98	0	0%
Total	7311	5612	1895	34%	4001	3288	1879	57%	3310	2397	16	1%