

ALOS Kyoto & Carbon Initiative Science Team meeting #13

January.20

1. Scenario requests acquisition status.
2. Acquisition status on a map
3. Future
4. Topics

RESTEC/Fumi Ohgushi

Scenario requests acquisition status(1/3)



Scenario results (Cycle27-31 and Total)

Cycle27-31

			Cycle27(2009/4/27~2009/6/11)				Cycle28(2009/6/12~2009/7/27)			
			req[id]	req[scene]	obs[scene]	obs rate[%]	req[id]	req[scene]	obs[scene]	obs rate[%]
PALSAR	Asce	All	1680	32482	24193	74	2724	53530	38055	71
	Desce		32	131	116	89	171	682	455	67
		ScanSAR_Wetlands	136	935	571	61	136	935	580	62
PRISM	Desce	OB1+OB2	2076	170236	117334	69	2053	229460	143977	63
		Nadir	2076	84080	58667	70	2053	87404	53542	61
AVNIR-2	Desce		1699	35037	25787	73	1342	28689	21097	73

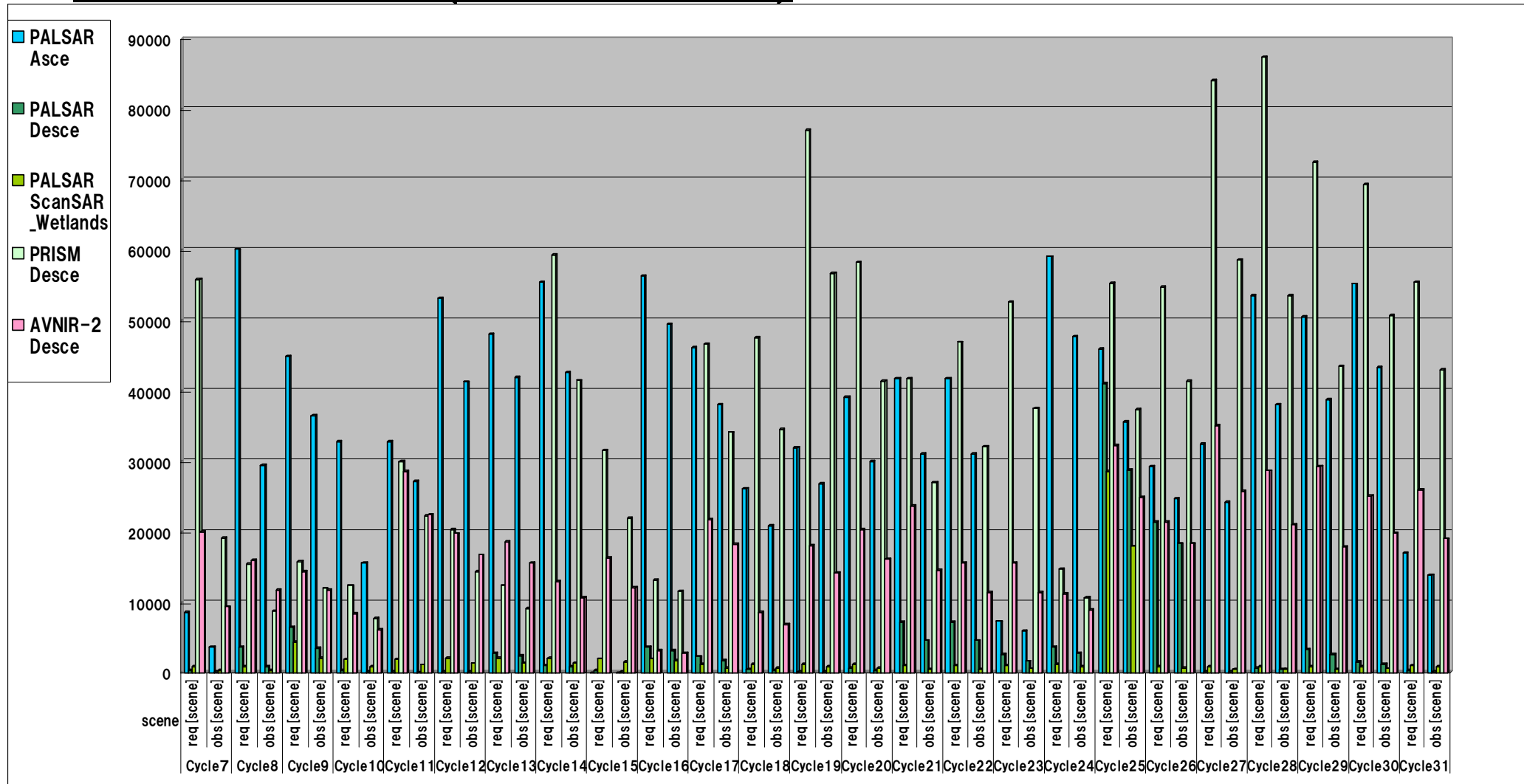
Cycle29(2009/7/28~2009/9/11)				Cycle30(2009/9/12~2009/10/27)				Cycle31(2009/10/28~2009/12/12)			
req[id]	req[scene]	obs[scene]	obs rate[%]	req[id]	req[scene]	obs[scene]	obs rate[%]	req[id]	req[scene]	obs[scene]	obs rate[%]
2559	50567	38754	77	3067	55168	43375	79	976	16947	13814	82
616	3268	2564	78	294	1518	1180	78	72	291	196	67
136	935	512	55	136	935	622	67	159	1072	815	76
1703	189744	115079	61	1532	190094	139691	73	1227	149323	115915	78
1703	72472	43554	60	1532	69336	50700	73	1227	55384	43044	78
1319	29338	17912	61	1146	25079	19770	78	1171	25985	19019	73

Total(Cycle7-31)

			Cycle7-31(2006/10/20~2009/12/12)			
			req[id]	req[scene]	obs[scene]	obs rate[%]
PALSAR	Asce	All	54457	1013498	742768	73.3
	Desce		15593	111205	79599	71.6
		ScanSAR_Wetlands	10900	63861	39917	62.5
PRISM	Desce	OB1+OB2	35853	3086751	2091778	67.8
		Nadir	24487	1130457	770954	68.2
AVNIR-2	Desce		25809	497410	371095	74.6

Scenario requests acquisition status (2/3)

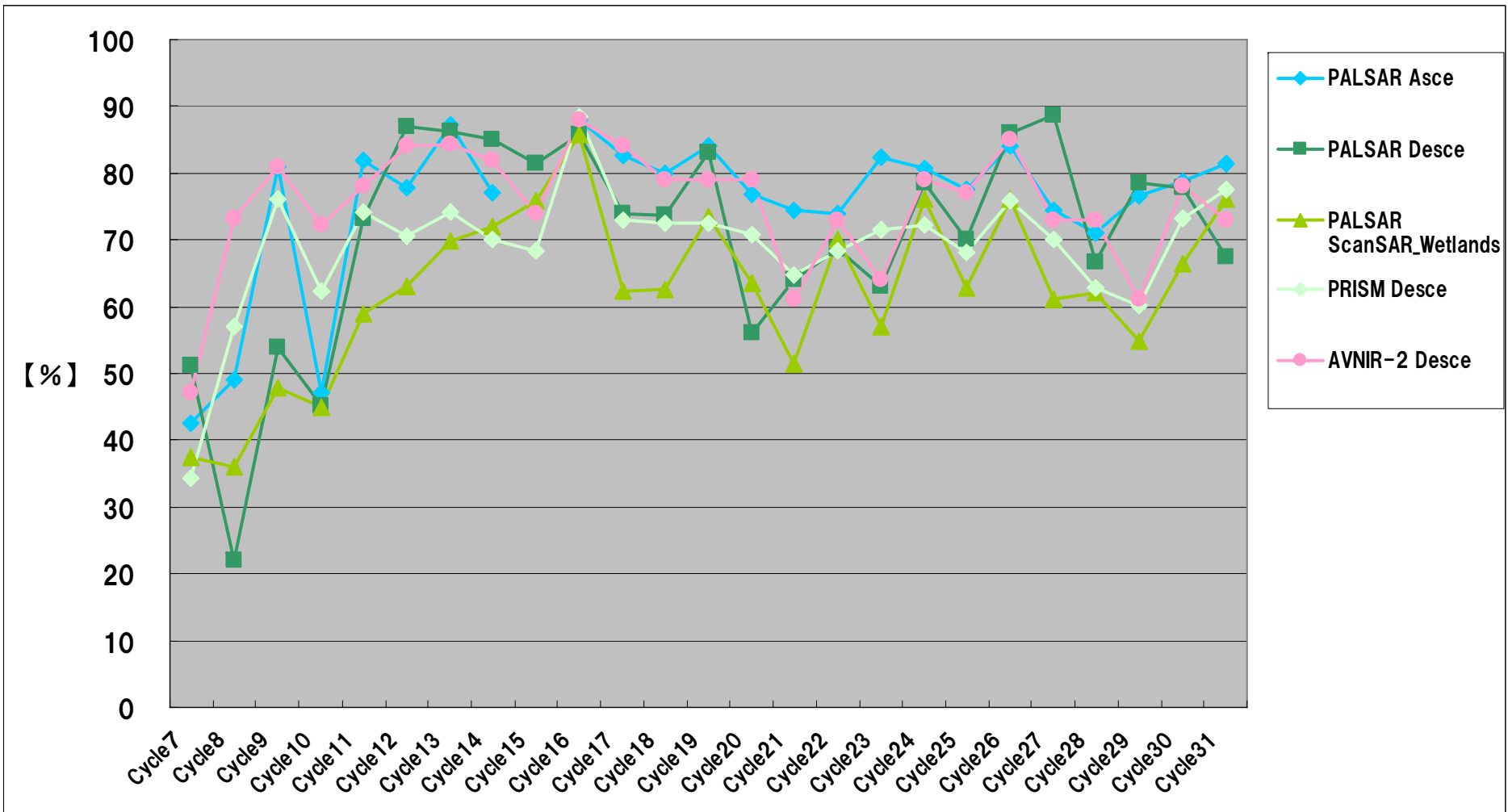
Scenario results (Scene number)



*PRISM :nadir only

Scenario requests acquisition status(3/3)

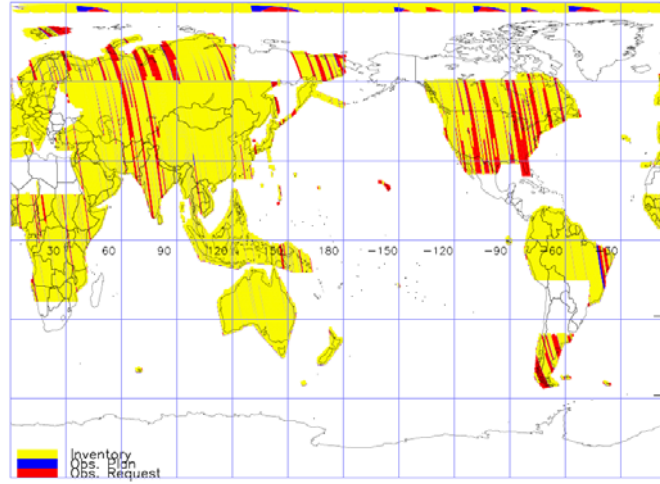
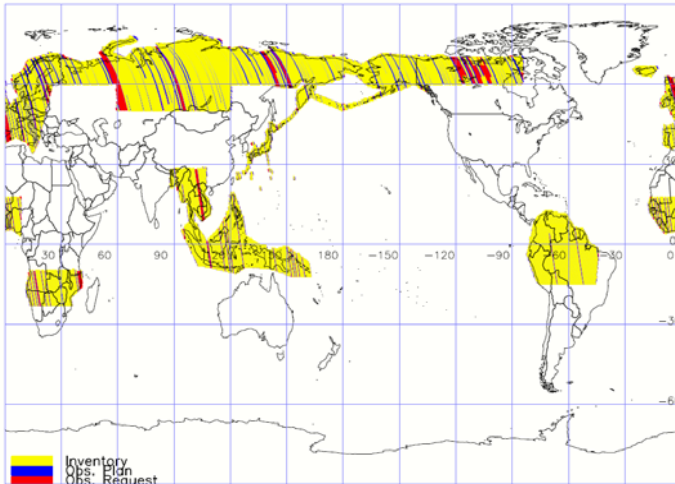
Scenario observation rate



Cycle7	2006/10/20	2006/12/4	Cycle13	2007/7/23	2007/9/6	Cycle19	2008/4/24	2008/6/8	Cycle25	2009/1/25	2009/3/11
Cycle8	2006/12/5	2007/1/19	Cycle14	2007/9/7	2007/10/22	Cycle20	2008/6/9	2008/7/24	Cycle26	2009/3/12	2009/4/26
Cycle9	2007/1/20	2007/3/6	Cycle15	2007/10/23	2007/12/7	Cycle21	2008/7/25	2008/9/8	Cycle27	2009/4/27	2009/6/11
Cycle10	2007/3/7	2007/4/21	Cycle16	2007/12/8	2008/1/22	Cycle22	2008/9/9	2008/10/24	Cycle28	2009/6/12	2009/7/27
Cycle11	2007/4/22	2007/6/6	Cycle17	2008/1/23	2008/3/8	Cycle23	2008/10/25	2008/12/9	Cycle29	2009/7/28	2009/9/11
Cycle12	2007/6/7	2007/7/22	Cycle18	2008/3/9	2008/4/23	Cycle24	2008/12/10	2009/1/24	Cycle30	2009/9/12	2009/10/27
									Cycle31	2009/10/28	2009/12/12

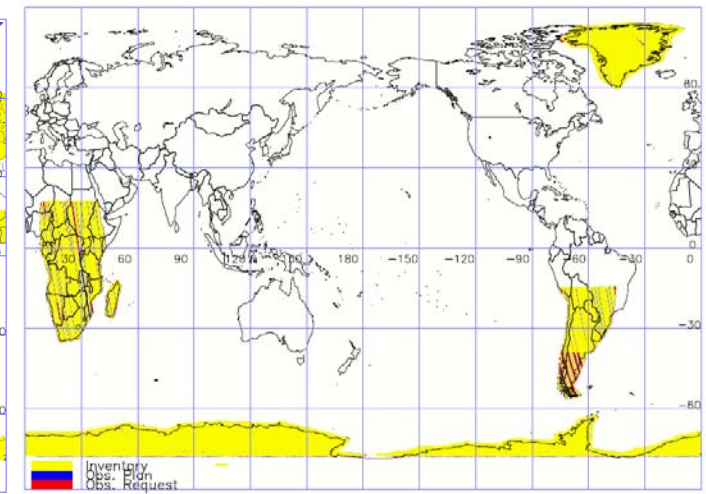
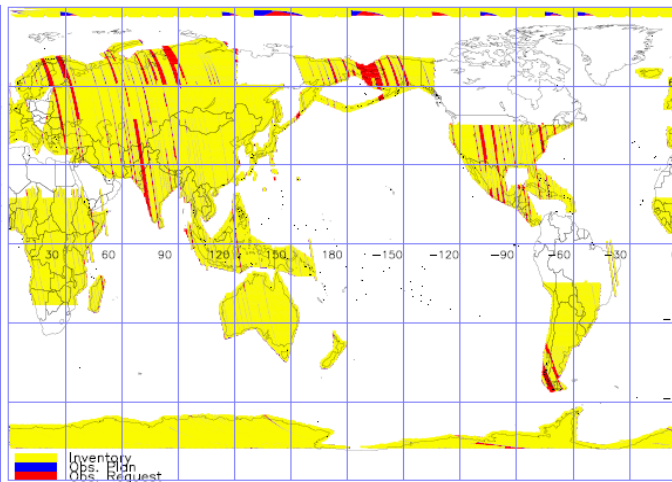
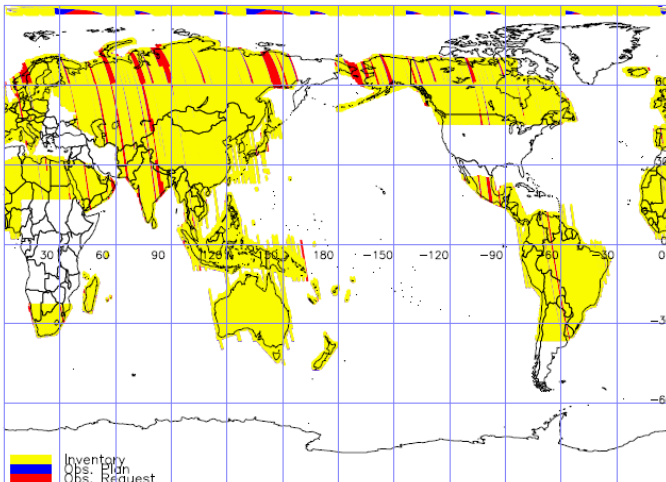
Acquisition status on a map (1/3)

PALSAR Ascending



Cycle27: PLR23.1

Cycle28: FBD



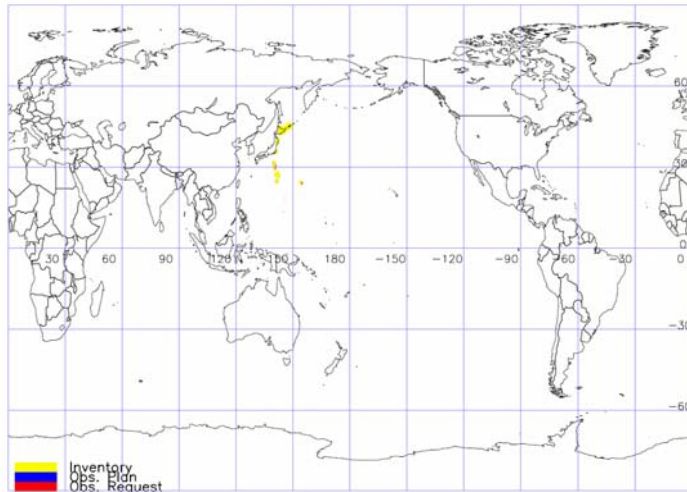
Cycle29 : FBD

Cycle30 : FBD

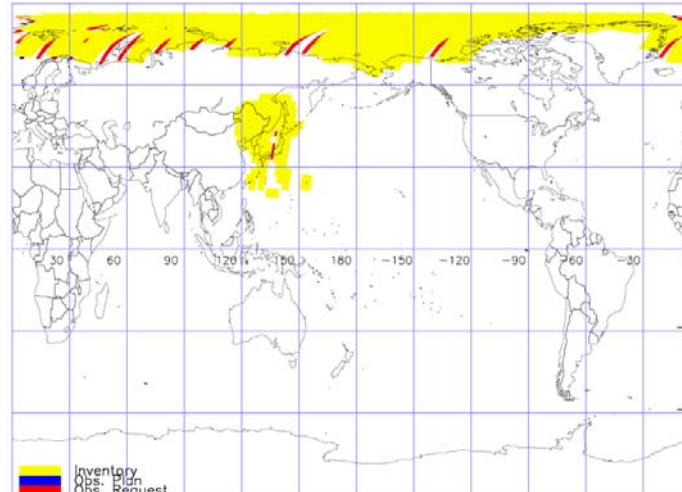
Cycle31:FBS/PLR23.1

Acquisition status on a map (2/3)

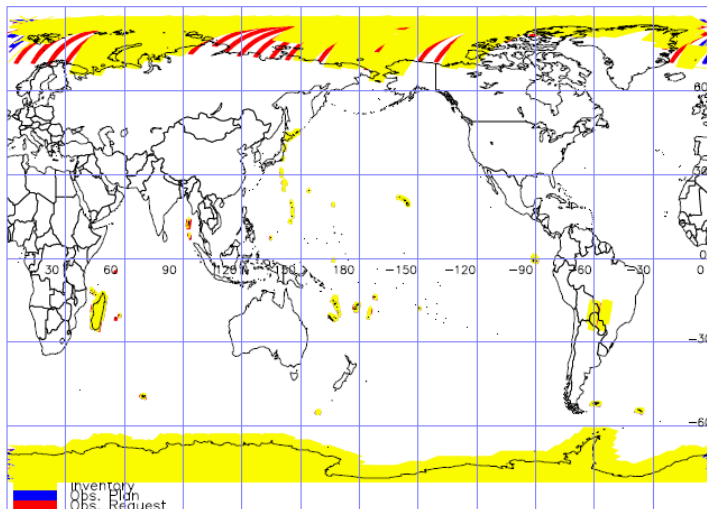
PALSAR Descending



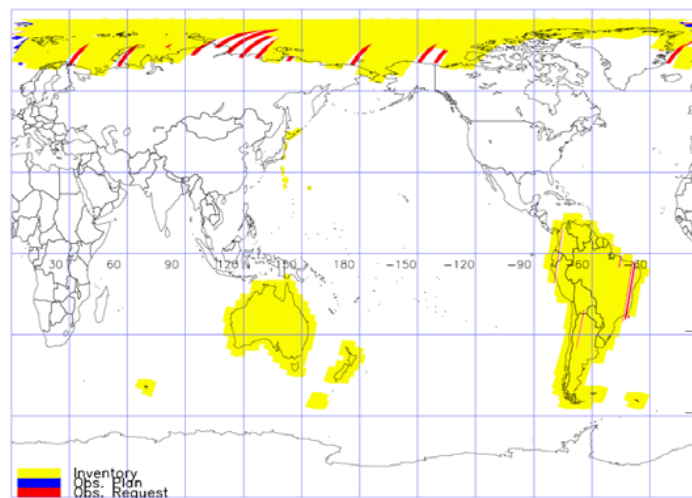
Cycle27



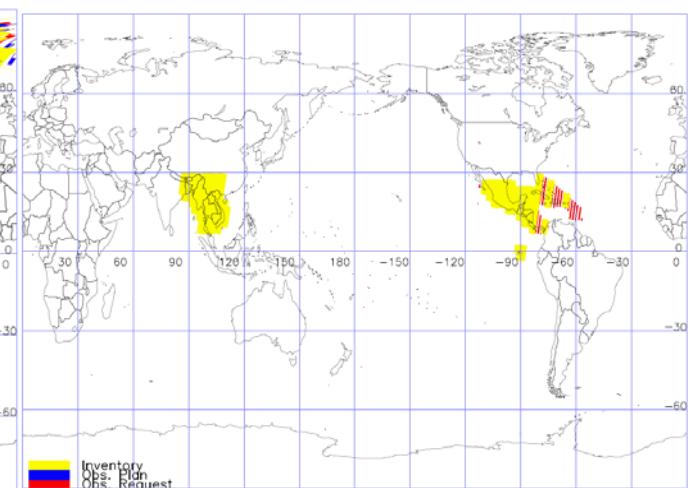
Cycle28



Cycle29



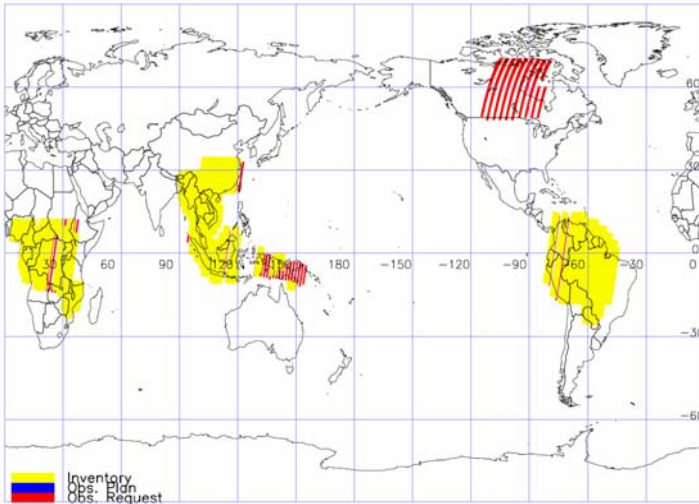
Cycle30



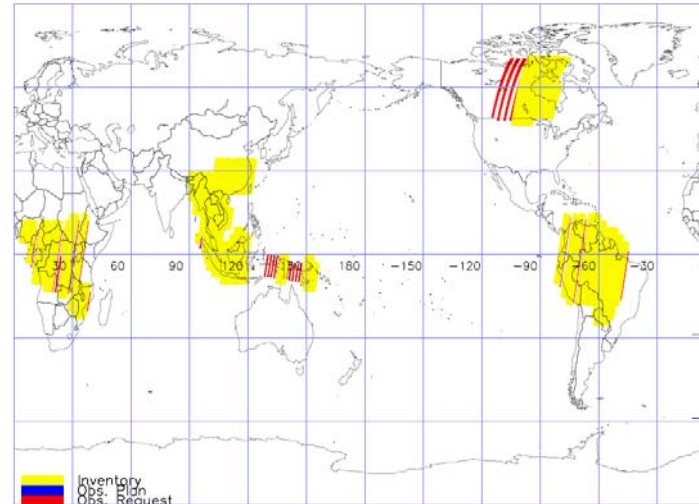
Cycle31

Acquisition status on a map (3/3)

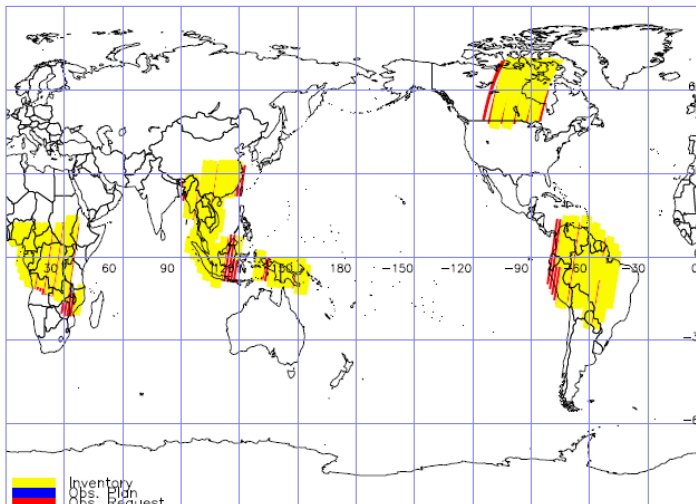
PALSAR Descending (ScanSAR_Wetlands)



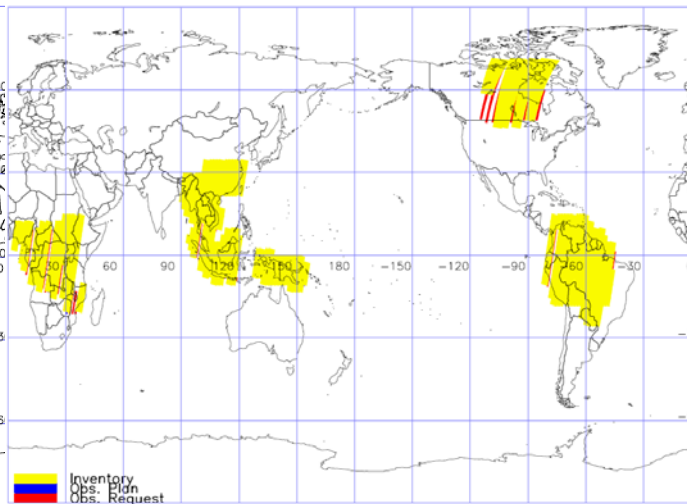
Cycle27



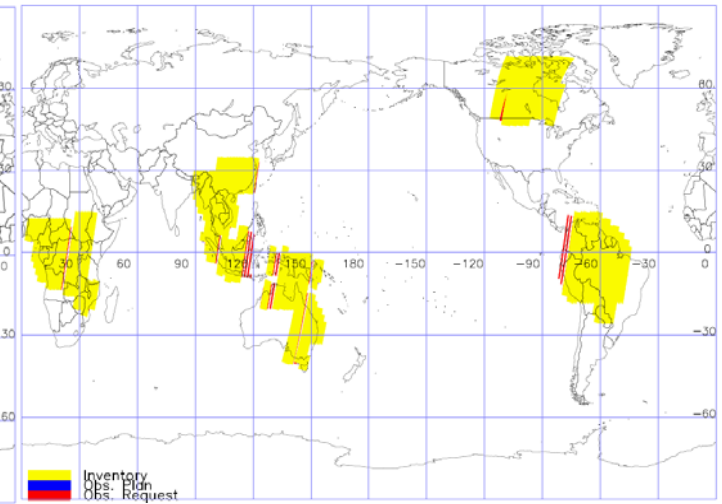
Cycle28



Cycle29



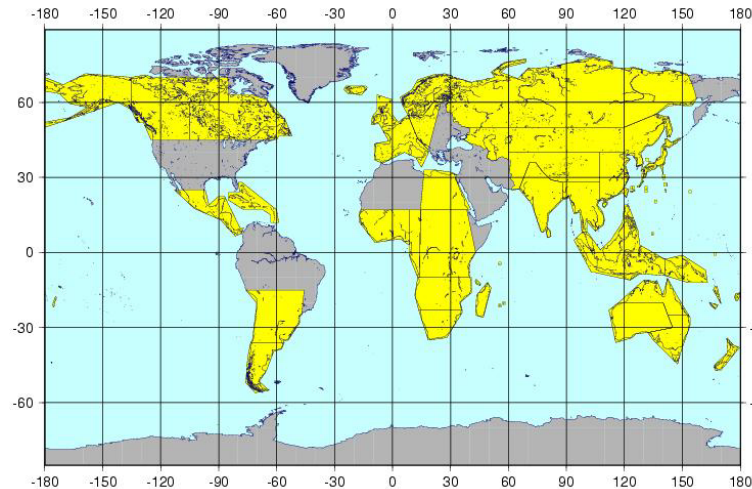
Cycle30



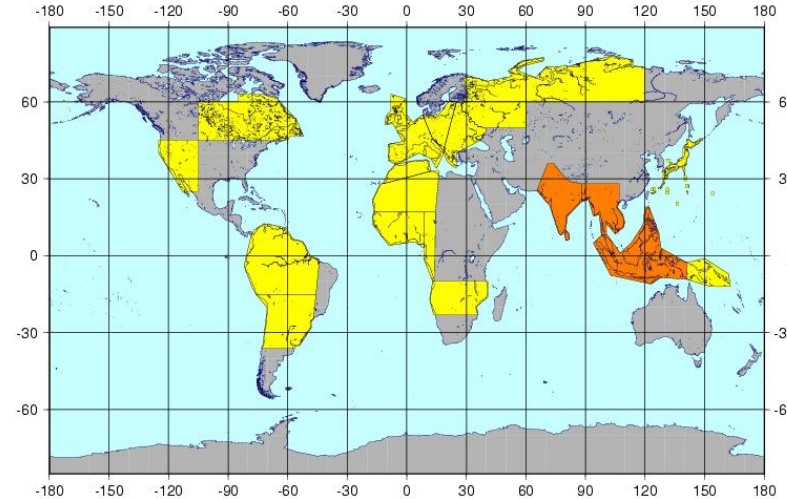
Cycle31

Future

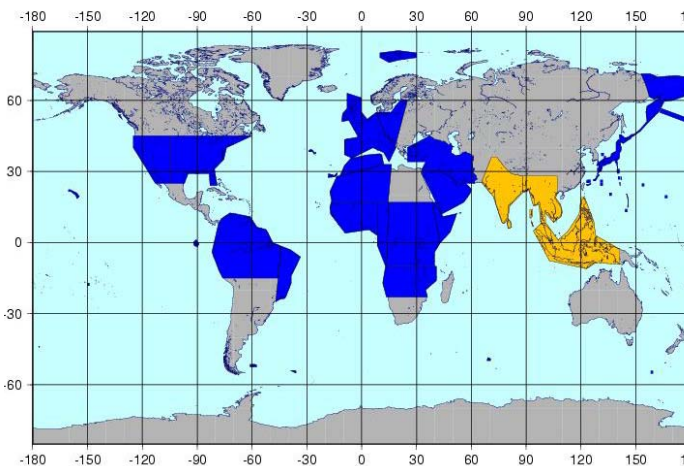
PALSAR Ascending



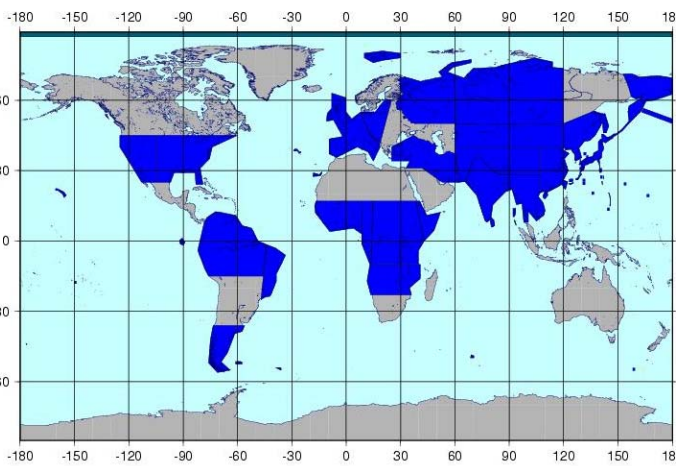
Cycle33 FBS



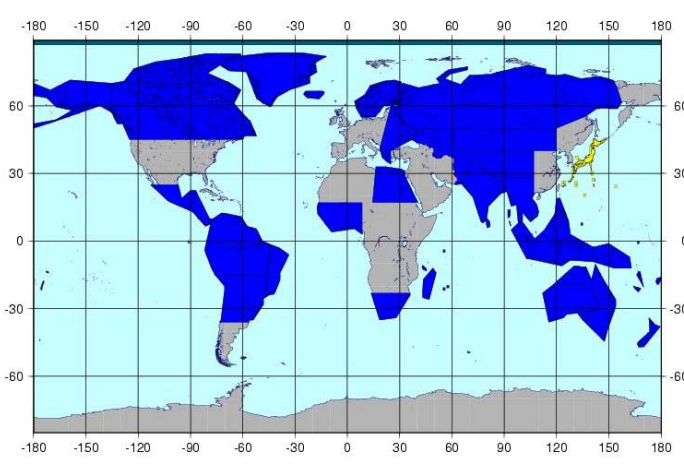
Cycle34 FBS;PLR21.5



Cycle35 FBS;PLR23.1



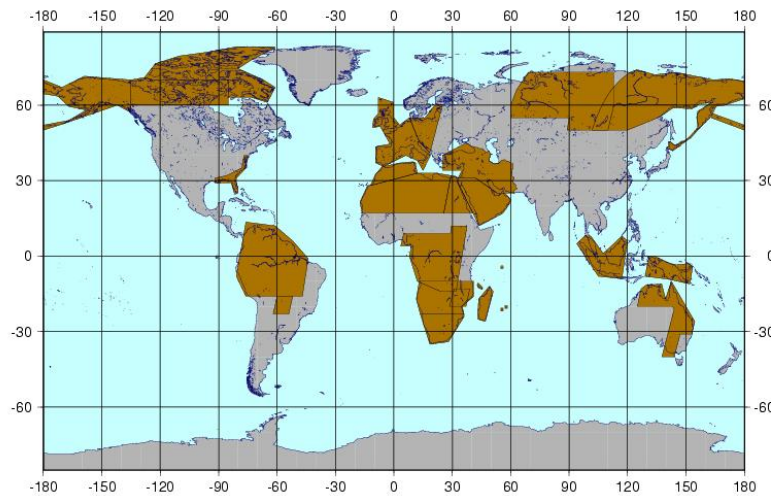
Cycle36 FBS;



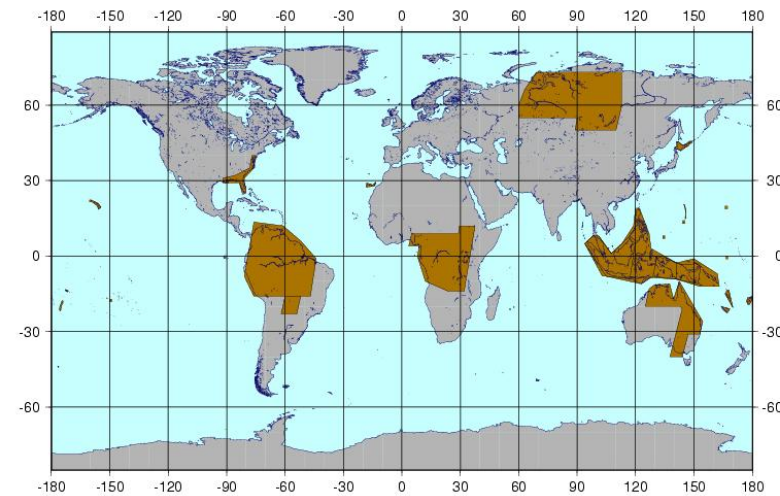
Cycle37 FBS;

Future

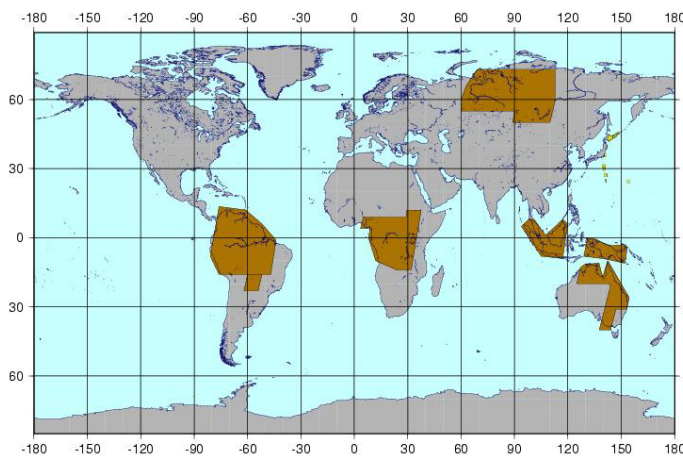
PALSAR Descending (include ScanSAR_Wetlands)



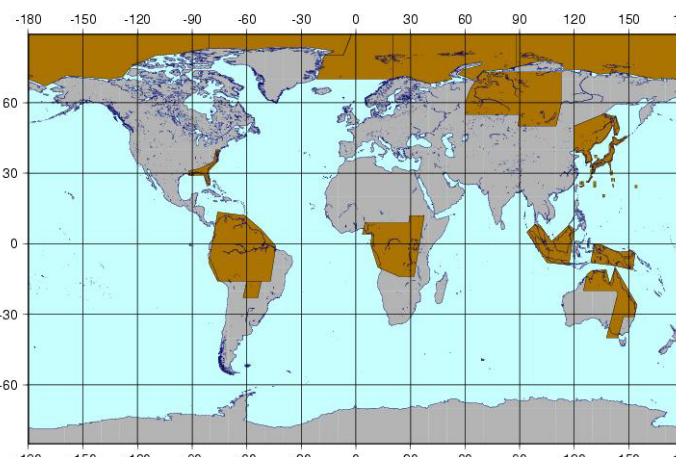
Cycle33



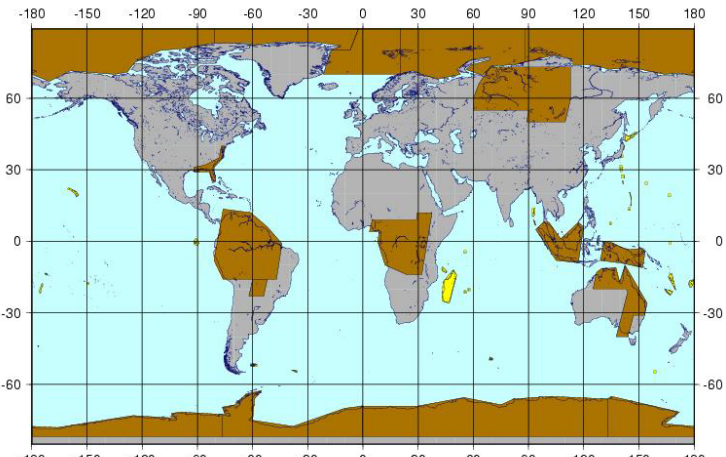
Cycle34



Cycle35



Cycle36



Cycle37

Topics



- Test operation for TDRSS will start from next April. Operation will be started from cycle35(30 April).
- Data over Northern and Southern America continents will be downlinked to ASF that takes less than 3 hours of delivery time to EOC is expected.
- Data over EU and Asia are expected to be increased using TDRSS.