

●SGLI Missing Data List

Here shows total missing information of GCOM-C/SGLI data during routine observation phase (from March 28, 2018). Initial checkout period (until March 28) is not included because various operations were carried out. The bottom list (Table 2) shows update information of observation plan which includes the different resolution observation or tilt operation from plan, etc..

Table 1. Missing Data List

Sensor	From(UT)	To(UT)	duration hh:mm:ss	Comments (※ : relationship with Table 2.)
VNR (NP)	2019/02/02 08:21:44	2019/02/02 10:55:26	2:33:42	Tentative stop of POL-tilt operation(※2)
VNR (POL)	2019/02/02 08:19:54	2019/02/02 11:00:50	2:40:56	Tentative stop of POL-tilt operation(※2)
VNR (NP)	2019/01/12 14:44:43	2019/01/12 14:44:44	0:00:01	Packet loss
VNR (POL)	2019/01/06 00:57:14	2019/01/06 00:57:15	0:00:01	Packet loss
VNR (NP)	2018/12/28 14:35:53	2018/12/28 14:35:54	0:00:01	X-downlink data decode loss
VNR (NP)	2018/12/28 14:27:22	2018/12/28 14:27:23	0:00:01	X-downlink data decode loss
IRS (TIR)	2018/12/28 14:27:21	2018/12/28 14:27:22	0:00:01	X-downlink data decode loss
VNR (NP)	2018/08/04 10:06:55	2018/08/04 12:40:28	2:33:33	Tentative stop of POL-tilt operation(※1)
VNR (POL)	2018/08/04 10:04:39	2018/08/04 12:42:45	2:38:06	Tentative stop of POL-tilt operation(※1)
VNR (POL)	2018/05/24 00:03:20	2018/05/24 01:01:40	0:58:19	Command operation inconsistency
VNR (NP)	2018/05/24 00:03:13	2018/05/24 00:56:59	0:53:47	Command operation inconsistency
IRS (SWI)	2018/05/24 00:03:09	2018/05/24 00:57:03	0:53:54	Command operation inconsistency
VNR (POL)	2018/05/21 13:50:55	2018/05/22 11:07:16	21:16:21	Tentative stop of MDR operation
VNR (NP)	2018/05/21 13:50:55	2018/05/22 11:07:16	21:16:21	Tentative stop of MDR operation
IRS (SWI)	2018/05/21 13:50:55	2018/05/22 11:07:15	21:16:21	Tentative stop of MDR operation
IRS (TIR)	2018/05/21 13:50:55	2018/05/22 11:07:15	21:16:21	Tentative stop of MDR operation

Table 2. Observation Plan Update

Sensor	From(UT)	To(UT)	duration hh:mm	Comments (※ : relationship with Table 1.)
VNR (NP) VNR (POL)	2019/02/01 15:56	2019/02/02 11:41	19:45	Different observation sequence because of the POL-tilt recovery operation corresponds to the missing data .(※2)
VNR (NP) VNR (POL) IRS (SWI) IRS (TIR)	2018/11/22 00:00	2018/11/22 08:33	8:33	Command operation inconsistency
VNR (NP) VNR (POL)	2018/08/04 04:38	2018/08/04 12:52	8:14	Different observation sequence because of the POL-tilt recovery operation corresponds to the missing data .(※1)

Update : 2019/3/4