

●SGLI Missing Data List

Here shows total missing information of GCOM-C/SGLI data during routine observation phase (from March 28, 2018).

Table 1. Missing Data List

Sensor	From(UT)	To(UT)	duration hh:mm:ss	Comments (※ : relationship with Table 2.)
VNR (NP)	2020/06/19 06:15:04	2020/06/19 08:48:56	2:33:52	Tentative stop of POL-tilt operation(※5)
VNR (POL)	2020/06/19 06:12:52	2020/06/19 08:52:25	2:39:33	Tentative stop of POL-tilt operation(※5)
VNR (NP)	2020/03/02 11:39:57	2020/03/02 11:47:28	0:07:31	Packet loss
IRS (SWI)	2020/03/02 11:39:57	2020/03/02 11:47:28	0:07:31	Packet loss
IRS (TIR)	2020/03/02 11:39:57	2020/03/02 11:47:28	0:07:31	Packet loss
VNR (POL)	2020/03/02 10:48:35	2020/03/02 12:29:32	1:40:57	Packet loss
VNR (NP)	2019/12/15 05:40:02	2019/12/15 14:58:10	9:18:08	Tentative stop of POL-tilt operation(※4)
VNR (POL)	2019/12/15 05:38:26	2019/12/15 15:00:30	9:22:04	Tentative stop of POL-tilt operation(※4)
VNR (NP)	2019/10/20 05:16:27	2019/10/20 09:35:50	4:19:23	Tentative stop of POL-tilt operation(※3)
VNR (POL)	2019/10/20 05:16:35	2019/10/20 09:35:42	4:19:07	Tentative stop of POL-tilt operation(※3)
IRS (SWI)	2019/06/19 02:19:06	2019/06/19 02:19:06	0:00:01	Packet loss
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:ss	Comments (※ : relationship with Table 1.)
VNR (NP) VNR (POL)	2020/06/19 00:35	2020/06/19 08:57	8:22:00	Different observation sequence because of the POL-tilt recovery operation corresponds to the missing data .(※5)
VNR (NP) VNR (POL) IRS (SWI) IRS (TIR)	2020/03/10 00:36	2020/03/10 00:37	0:00:48	Different observation pitch angle because of the WDT recovery .
VNR (NP) VNR (POL)	2019/12/15 03:21	2019/12/15 15:07	11:46:00	Different observation sequence because of the POL-tilt recovery operation corresponds to the missing data .(※4)
VNR (NP) VNR (POL)	2019/10/20 01:19	2019/10/20 09:41	8:22:00	Different observation sequence because of the POL-tilt recovery operation corresponds to the missing data .(※3)
VNR (NP) VNR (POL)	2019/02/01 15:56	2019/02/02 11:41	19:45:00	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	8:33:00	Command operation inconsistency
VNR (NP) VNR (POL)	2018/08/04 04:38	2018/08/04 12:52	8:14:00	Different observation sequence because of the POL-tilt recovery operation corresponds to the missing data .(※1)