OHI-QZS2

update 2024.12.18

The history information of QZS-2 operation

date	event	history							
			start(UT)	stop(UT)	duration	Δ Vx	Δ Vy	Δ Vz	mass(kg) (*2)
2017/9/15	Service in								2324.2
2017/11/15	orbit maintenance maneuver(*1)	UNLD	2017/11/15 10:29:03	2017/11/15 10:34:47					2320
		YS→ON	2017/11/15 10:55:21	2017/11/15 10:56:12					
		#1	2017/11/15 11:03:31	2017/11/15 11:05:50	0:02:19	−2.325	0.004	0.032	
		#2	2017/11/15 18:33:48	2017/11/15 18:35:32	0:01:44	1.756	0.017	0.024	
		UNLD	2017/11/15 22:27:11	2017/11/15 22:29:27					
		ON→YS	2017/11/15 22:33:50	2017/11/15 22:37:00					
		UNLD	2017/11/15 22:40:07	2017/11/15 22:42:15					
2017/12/2	change of Yaw Steering Status(*3)	Pseudo YS	2017/12/2 13:02:32	2017/12/2 15:29:05					
2017/12/7	change of Yaw Steering Status	Pseudo YS	2017/12/7 1:52:41	2017/12/7 2:00:41					
2017/12/8	change of Yaw Steering Status	Pseudo YS	2017/12/8 1:44:01	2017/12/8 2:05:53					
			2017/12/8 14:39:21	2017/12/8 14:53:45					
2017/12/9	change of Yaw Steering Status	Pseudo YS	2017/12/9 1:38:25	2017/12/9 2:10:01					
			2017/12/9 14:32:25	2017/12/9 15:01:29					
2017/12/10	change of Yaw Steering Status	Pseudo YS	2017/12/10 1:33:53	2017/12/10 2:12:09					
			2017/12/10 14:27:29	2017/12/10 15:05:13					
2017/12/11	change of Yaw Steering Status	Pseudo YS	2017/12/11 1:29:53	2017/12/11 2:13:29					
			2017/12/11 14:23:29	2017/12/11 15:07:37					
2017/12/12	change of Yaw Steering Status	Pseudo YS	2017/12/12 1:26:17	2017/12/12 2:14:25					
			2017/12/12 14:20:01	2017/12/12 15:09:29					
2017/12/13	change of Yaw Steering Status	Pseudo YS	2017/12/13 1:23:05	2017/12/13 2:15:05					
			2017/12/13 14:16:57	2017/12/13 15:10:41					
2017/12/14	change of Yaw Steering Status	Pseudo YS	2017/12/14 1:20:49	2017/12/14 2:14:25					
			2017/12/14 14:17:21	2017/12/14 15:08:26					
2017/12/15	change of Yaw Steering Status	Pseudo YS	2017/12/15 1:21:22	2017/12/15 2:11:14					
			2017/12/15 14:18:58	2017/12/15 15:05:14					
2017/12/16	change of Yaw Steering Status	Pseudo YS	2017/12/16 1:22:10	2017/12/16 2:07:46					
			2017/12/16 14:20:58	2017/12/16 15:01:22					
2017/12/17	change of Yaw Steering Status	Pseudo YS	2017/12/17 1:23:14	2017/12/17 2:03:54					
			2017/12/17 14:23:38	2017/12/17 14:56:42					
2017/12/18	change of Yaw Steering Status	Pseudo YS	2017/12/18 1:24:58	2017/12/18 1:59:22					
			2017/12/18 14:27:46	2017/12/18 14:49:46					
2017/12/19	change of Yaw Steering Status	Pseudo YS	2017/12/19 1:27:30	2017/12/19 1:53:30					
			2017/12/19 14:37:38	2017/12/19 14:40:34					
2017/12/20	change of Yaw Steering Status	Pseudo YS	2017/12/20 1:32:10	2017/12/20 1:45:06					
2018/1/1	change of Yaw Steering Status(*3)	Pseudo YS	2018/1/1 7:10:03	2018/1/1 14:57:23					

OHI-QZS2

update 2024.12.18

The history information of QZS-2 operation

date	event	history							
			start(UT)	stop(UT)	duration	Δ Vx	Δ Vy	Δ Vz	mass(kg) (*2)
2018/1/6	orbit maintenance maneuver(*1)	UNLD	2018/1/6 6:55:39	2018/1/6 6:58:35					2318
		YS→ON	2018/1/6 7:15:09	2018/1/6 7:16:00					
		#1	2018/1/6 7:23:19	2018/1/6 7:24:18	0:00:59	−0.916	0.001	0.012	
		#2	2018/1/6 14:53:27	2018/1/6 14:54:10	0:00:43	0.692	−0.006	0.008	
		UNLD	2018/1/6 18:46:19	2018/1/6 18:48:19					
		ON→YS	2018/1/6 18:52:57	2018/1/6 18:56:16					
		UNLD	2018/1/6 18:59:15	2018/1/6 19:01:23					
2018/5/20 −5/21	orbit maintenance maneuver(*1)	UNLD	2018/5/20 21:35:19	2018/5/20 21:38:55					2313
		YS→ON	2018/5/20 21:55:56	2018/5/20 21:59:24					
		#1	2018/5/20 22:04:06	2018/5/20 22:06:16	0:02:10	−1.990	0.000	0.026	
		#2	2018/5/21 5:34:22	2018/5/21 5:35:59	0:01:37	1.575	−0.012	0.017	
		UNLD	2018/5/21 9:27:43	2018/5/21 9:29:43					
		ON→YS	2018/5/21 9:34:20	2018/5/21 9:35:24					
		UNLD	2018/5/21 9:40:39	2018/5/21 9:42:47					
2018/6/3	change of Yaw Steering Status	Pseudo YS	2018/6/3 13:48:00	2018/6/3 13:56:32					
2018/6/4	change of Yaw Steering Status	Pseudo YS	2018/6/4 13:39:28	2018/6/4 14:01:04					
2018/6/5	change of Yaw Steering Status	Pseudo YS	2018/6/5 2:34:48	2018/6/5 2:48:40					
			2018/6/5 13:33:44	2018/6/5 14:04:48					
2018/6/6	change of Yaw Steering Status	Pseudo YS	2018/6/6 2:27:28	2018/6/6 2:55:44					
			2018/6/6 13:28:56	2018/6/6 14:06:32					
2018/6/7	change of Yaw Steering Status	Pseudo YS	2018/6/7 2:22:16	2018/6/7 2:59:04					
			2018/6/7 13:24:40	2018/6/7 14:07:36					
2018/6/8	change of Yaw Steering Status	Pseudo YS	2018/6/8 2:17:52	2018/6/8 3:01:04					
			2018/6/8 13:20:48	2018/6/8 14:08:08					
2018/6/9	change of Yaw Steering Status	Pseudo YS	2018/6/9 2:14:08	2018/6/9 3:02:32					
			2018/6/9 13:17:20	2018/6/9 14:08:24					
2018/6/10	change of Yaw Steering Status	Pseudo YS	2018/6/10 2:10:48	2018/6/10 3:03:28					
	change of Yaw Steering Status(*4)		2018/6/10 13:14:00	2018/6/10 14:08:32					
2018/6/11	change of Yaw Steering Status	Pseudo YS	2018/6/11 2:09:36	2018/6/11 3:02:08					
			2018/6/11 13:13:52	2018/6/11 14:05:04					
2018/6/12	change of Yaw Steering Status	Pseudo YS	2018/6/12 2:10:32	2018/6/12 2:58:40					
			2018/6/12 13:14:08	2018/6/12 14:01:36					
2018/6/13	change of Yaw Steering Status	Pseudo YS	2018/6/13 2:11:53	2018/6/13 2:54:57					
			2018/6/13 13:14:41	2018/6/13 13:57:45					
2018/6/14	change of Yaw Steering Status	Pseudo YS	2018/6/14 2:13:45	2018/6/14 2:50:41					
			2018/6/14 13:15:46	2018/6/14 13:53:30					
2018/6/15	change of Yaw Steering Status	Pseudo YS	2018/6/15 2:16:33	2018/6/15 2:45:13					
			2018/6/15 13:17:21	2018/6/15 13:48:25					
2018/6/16	change of Yaw Steering Status	Pseudo YS	2018/6/16 2:21:07	2018/6/16 2:35:53					
			2018/6/16 13:20:01	2018/6/16 13:40:57					

OHI-QZS2
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The history information of QZS-2 operation

date	event	history							
			start(UT)	stop(UT)	duration	Δ Vx	Δ Vy	Δ Vz	mass(kg) (*2)
2018/6/17	change of Yaw Steering Status	Pseudo YS	2018/6/17 13:26:09	2018/6/17 13:33:05					

(*1)
The Δ V information shows the planned value.

(*2)
This information includes the analysis error.

(*3)
unexpected attitude change

(*4)
β <0.03° ⇒ rotational direction → negative direction