



JAPAN P&I NEWS

To the Members

**Stownet fishing season in Bisan Seto 2021 –
The expected navigable water area in the traffic lane during the peak season**

The Stownet fishing season starts from 1 February 2021 throughout Bisan Seto, Japan. We obtained a table on the expected navigable water area in the traffic lane during the peak season from Licensed Inlandsea Pilots' Association. We attach a free translation of the table for your reference.

Yours faithfully,

The Japan Ship Owners' Mutual Protection & Indemnity Association

Attachment: Table by Licensed Inlandsea Pilots' Association (free translation)

Navigable water area in the traffic lane expected to be during the peak season of Stownet-fishing

1st February ~ 31st August, 2021

the expected area : west and east of Ogijima island

※difficulty in navigation : △→○→◎ (◎ is most)

Date	Day	Lunar Calendar	Sunrise Sunset	The time of slack water between sunrise to sunset	Number of operating times	Water temperature of the last year	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogijima Island	East of Ogijima Island	
										Time	Current speed			
Feb-1	Mon	Dec-20	07:01 17:34	13:08	2	9.30 10.40		07:01 ~ 13:08	West	10:09	2.8		Non-fishing day	
								13:08 ~ 17:34	East	15:53	2.1			
Feb-2	Tue	Dec-21	07:00 17:35	07:29 13:44	2	9.00 10.50	Off	07:29 ~ 13:44	West	10:47	2.5		Non-fishing day	
								13:44 ~ 17:35	East	16:32	2.1			
Feb-3	Wed	Dec-22	07:00 17:36	08:13 14:21	3	8.97 10.60		07:00 ~ 08:13	East	04:47	2.1		Non-fishing day	
								08:13 ~ 14:21	West	11:27	2.2			
								14:21 ~ 17:36	East	17:15	2			
Feb-4	Thu	Dec-23	06:59 17:37	09:01 15:03	3	8.93 10.40		06:59 ~ 09:01	East	05:39	1.8		Non-fishing day	
								09:01 ~ 15:03	West	12:12	1.8			
								15:03 ~ 17:37	East	18:04	1.8			
Feb-5	Fri	Dec-24	06:58 17:38	09:59 15:52	Non-fishing	8.77 10.40		Non-fishing day						
Feb-6	Sat	Dec-25	06:57 17:39	11:14 16:54	Non-fishing	8.80 10.40	Off	Non-fishing day						
Feb-7	Sun	Dec-26	06:56 17:40	12:48 00:00	Non-fishing	8.67 10.20		Non-fishing day						
Feb-8	Mon	Dec-27	06:55 17:41	08:05 14:17	3	8.70 10.20		06:05 ~ 08:05	West	04:43	2.0		Non-fishing day	
								08:05 ~ 14:17	East	10:53	1.2			
								14:17 ~ 17:41	West	17:05	1.1			
Feb-9	Tue	Dec-28	06:55 17:42	09:08 15:24	3	8.70 10.10		06:55 ~ 09:08	West	05:50	2.3		Non-fishing day	
								09:08 ~ 15:24	East	12:03	1.5			
								15:24 ~ 17:42	West	18:08	1.5			
Feb-10	Wed	Dec-29	06:54 17:43	09:59 16:16	3	8.67 10.00	Off	06:54 ~ 09:59	West	06:44	2.7		Non-fishing day	
								09:59 ~ 16:16	East	12:59	1.7			
								16:16 ~ 17:43	West	18:59	1.8			
Feb-11	Thu	Dec-30	06:53 17:44	10:42 16:59	2	8.53 10.00		06:53 ~ 10:42	West	07:30	2.9		○	
								10:42 ~ 16:59	East	13:43	2.0			
Feb-12	Fri	Jan-1	06:52 17:45	11:20 17:37	2	8.37 10.10		06:52 ~ 11:20	West	08:12	3.1		○	
								11:20 ~ 17:37	East	14:21	2.1			
Feb-13	Sat	Jan-2	06:51 17:46	11:54	2	9.43 10.20	Off	06:51 ~ 11:54	West	08:50	3.0		○	
								11:54 ~ 17:46	East	14:53	2.2			
Feb-14	Sun	Jan-3	06:50 17:47	12:24	2	8.43 10.30		06:50 ~ 12:24	West	09:25	2.9		○	
								12:24 ~ 17:47	East	15:21	2.2			
Feb-15	Mon	Jan-4	06:49 17:48	06:50 12:52	2	8.40 10.40		06:50 ~ 12:52	West	09:58	2.7		△	
								12:52 ~ 17:48	East	15:46	2.1			
Feb-16	Tue	Jan-5	06:48 17:49	07:19 13:19	2	8.47 10.50	Off	07:19 ~ 13:19	West	10:29	2.4			
								13:19 ~ 17:49	East	16:11	2.1			
Feb-17	Wed	Jan-6	06:47 17:50	07:45 13:45	2	8.57 10.20		07:45 ~ 13:45	West	10:58	2.1			
								13:45 ~ 17:50	East	16:39	2.0			
Feb-18	Thu	Jan-7	06:46 17:51	08:12 14:14	2	8.53 9.70		08:12 ~ 14:14	West	11:28	1.8			
								14:14 ~ 17:50	East	17:11	1.9			
Feb-19	Fri	Jan-8	06:45 17:52	08:44 14:47	3	8.60 9.90		06:45 ~ 08:44	East	05:33	1.4		Non-fishing day	
								08:44 ~ 14:47	West	12:00	1.5			
								14:47 ~ 17:52	East	17:51	1.7			
Feb-20	Sat	Jan-9	06:43 17:53	09:28 15:29	Non-fishing	8.77 9.90	Off	Non-fishing day						
Feb-21	Sun	Jan-10	06:42 17:53	10:30 16:26	2	8.67 10.00		06:42 ~ 10:30	East	07:31	0.9	Non-fishing day		
								10:30 ~ 16:26	West	13:41	0.9			
Feb-22	Mon	Jan-11	06:41 17:54	12:01 17:44	2	8.70 10.00	Off	06:41 ~ 12:01	East	08:52	0.9	Non-fishing day		
								12:01 ~ 17:44	West	15:14	0.8			
Feb-23	Tue	Jan-12	06:40 17:55	07:39 13:43	3	8.77 10.00		06:40 ~ 07:39	West	04:24	1.6			
								07:39 ~ 13:43	East	10:13	1.0			
								13:43 ~ 17:55	West	16:47	0.9			
Feb-24	Wed	Jan-13	06:39 17:56	08:41 14:58	3	8.80 10.00		06:39 ~ 08:41	West	05:33	1.9			
								08:41 ~ 14:58	East	11:23	1.3			
								14:58 ~ 17:56	West	17:53	1.3			
Feb-25	Thu	Jan-14	06:38 17:57	09:32 15:51	2	8.90 10.10		06:38 ~ 09:32	West	06:27	2.4			
								09:32 ~ 15:51	East	12:18	1.6			
Feb-26	Fri	Jan-15	06:36 17:58	10:16 16:34	2	9.00 10.20		06:36 ~ 10:16	West	07:14	2.7		△	
								10:16 ~ 16:34	East	13:05	2.0			
Feb-27	Sat	Jan-16	06:35 17:59	10:56 17:11	2	9.00 10.20	Off	06:35 ~ 10:56	West	07:56	3.0		○	
								10:56 ~ 17:11	East	13:45	2.2			
Feb-28	Sun	Jan-17	06:34 18:00	11:33 17:47	2	9.03 10.10		06:34 ~ 11:33	West	08:35	3.0		○	
								11:33 ~ 17:47	East	14:21	2.4			

Navigable water area in the traffic lane expected to be during the peak season of Stownet-fishing

1st February ~ 31st August, 2021

the expected area : west and east of Ogijima island

※difficulty in navigation : △→○→◎ (◎ is most)

Date	Day	Lunar Calendar	Sunrise Sunset	The time of slack water between sunrise to sunset	Number of operating times	Water temperature of the last year	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogijima Island	East of Ogijima Island	
										Time	Current speed			
Mar-1	Mon	Jan-18	06:33 18:00	12:07	2	9.10 10.20		06:33 ~ 12:07 12:07 ~ 18:00	West East	09:13 14:56	3.0 2.4			○
Mar-2	Tue	Jan-19	06:32 18:01	06:39 12:41	2	9.20 10.20	Off	06:39 ~ 12:41 12:41 ~ 18:01	West East	09:50 15:30	2.8 2.4			△
Mar-3	Wed	Jan-20	06:30 18:02	07:18 13:14	2	9.30 10.40		07:18 ~ 13:14 13:14 ~ 18:02	West East	10:26 16:05	2.5 2.3			
Mar-4	Thu	Jan-21	06:29 18:03	07:59 13:47	3	9.33 10.30		06:29 ~ 07:59 07:59 ~ 13:47 13:47 ~ 18:03	East West East	04:31 11:04 16:44	2.1 2.1 2.2			
Mar-5	Fri	Jan-22	06:28 18:04	08:43 14:25	3	9.47 10.30		06:28 ~ 08:43 08:43 ~ 14:25 14:25 ~ 18:04	East West East	05:19 11:45 17:29	1.7 1.6 1.9			
Mar-6	Sat	Jan-23	06:26 18:05	09:38 15:11	Non-fishing	9.50 10.20	Off	Non-fishing day						
Mar-7	Sun	Jan-24	06:25 18:05	10:54 16:14	Non-fishing	9.50 10.30		Non-fishing day						
Mar-8	Mon	Jan-25	06:24 18:06	06:31 12:39	2	9.40 10.30		06:31 ~ 12:39 12:39 ~ 17:44	East West	09:18 15:23	0.9 0.7	Non-fishing day		
Mar-9	Tue	Jan-26	06:23 18:07	07:54 14:10	2	9.40 10.40	Off	07:54 ~ 14:10 14:10 ~ 18:07	East West	10:50 16:52	1.1 1.0			
Mar-10	Wed	Jan-27	06:21 18:08	08:53 15:11	3	9.33 10.50		06:21 ~ 08:53 08:53 ~ 15:11 15:11 ~ 18:08	West East West	09:35 11:56 17:55	2.1 1.4 1.5			
Mar-11	Thu	Jan-28	06:20 18:09	09:38 15:56	3	9.47 10.70		06:20 ~ 09:38 09:38 ~ 15:56 15:56 ~ 18:09	West East West	06:27 12:43 18:44	2.5 1.7 1.9			
Mar-12	Fri	Jan-29	06:19 18:09	10:17 16:35	2	9.60 10.70		06:19 ~ 10:17 10:17 ~ 16:35	West East	07:11 13:21	2.7 2.0			△
Mar-13	Sat	Feb-1	06:17 18:10	10:50 17:10	2	9.63 10.80	Off	06:17 ~ 10:50 10:50 ~ 17:10	West East	07:50 13:53	2.9 2.2			○
Mar-14	Sun	Feb-2	06:16 18:11	11:20 17:41	2	9.70 10.80		06:16 ~ 11:20 11:20 ~ 17:41	West East	08:25 14:20	2.9 2.3			○
Mar-15	Mon	Feb-3	06:15 18:12	11:48 18:10	2	9.73 10.80		06:15 ~ 11:48 11:48 ~ 18:10	West East	08:58 14:44	2.7 2.3			△
Mar-16	Tue	Feb-4	06:13 18:13	06:23 12:13	2	9.73 10.60	Off	06:23 ~ 12:13 12:13 ~ 18:13	West East	09:28 15:06	2.5 2.3			△
Mar-17	Wed	Feb-5	06:12 18:13	06:48 12:37	2	9.73 10.70		06:48 ~ 12:37 12:37 ~ 18:13	West East	09:56 15:29	2.3 2.3			
Mar-18	Thu	Feb-6	06:11 18:14	07:11 13:02	3	9.87 10.90		06:11 ~ 07:11 07:11 ~ 13:02 13:02 ~ 18:14	East West East	03:48 10:22 15:55	2.0 2.0 2.2			
Mar-19	Fri	Feb-7	06:09 18:15	07:35 13:29	3	9.93 11.11	Off	06:09 ~ 07:35 07:35 ~ 13:29 13:29 ~ 18:15	East West East	04:18 10:49 16:25	1.8 1.7 2.1			
Mar-20	Sat	Feb-8	06:08 18:16	08:06 13:59	Non-fishing	10.00 11.11	Off	Non-fishing day						
Mar-21	Sun	Feb-9	06:06 18:17	08:48 14:38	Non-fishing	10.03 11.20		Non-fishing day						
Mar-22	Mon	Feb-10	06:05 18:17	09:51 15:33	2	10.10 11.30		06:05 ~ 09:51 09:51 ~ 15:33	East West	06:45 12:53	1.0 0.9	Non-fishing day		
Mar-23	Tue	Feb-11	06:04 18:18	11:26 16:59	2	10.07 11.40	Off	06:04 ~ 11:26 11:26 ~ 16:59	East West	08:11 14:29	0.9 0.7			
Mar-24	Wed	Feb-12	06:02 18:19	07:02 13:14	2	10.07 11.40		07:02 ~ 13:14 13:14 ~ 18:19	East West	09:42 16:17	1.0 0.9			
Mar-25	Thu	Feb-13	06:01 18:20	08:09 14:29	3	10.23 11.50		06:01 ~ 08:09 08:09 ~ 14:29 14:29 ~ 18:20	West East West	05:02 10:56 17:29	1.8 1.4 1.3			
Mar-26	Fri	Feb-14	06:00 18:20	09:02 15:21	2	10.37 11.60		06:00 ~ 09:02 09:02 ~ 15:21	West East	06:01 11:52	2.3 1.8			
Mar-27	Sat	Feb-15	05:58 18:21	09:46 16:03	2	10.53 11.70	Off	05:58 ~ 09:46 09:46 ~ 16:03	West East	06:49 12:37	2.6 2.1			△
Mar-28	Sun	Feb-16	05:57 18:22	10:26 16:41	2	10.60 11.80		05:57 ~ 10:26 10:26 ~ 16:41	West East	07:32 13:17	2.9 2.4			○
Mar-29	Mon	Feb-17	05:55 18:23	11:02 17:17	2	10.67 11.80		05:55 ~ 11:02 11:02 ~ 17:17	West East	08:12 13:54	3.0 2.6			◎
Mar-30	Tue	Feb-18	05:54 18:23	11:37 17:53	2	10.80 11.80	Off	05:54 ~ 11:37 11:37 ~ 17:53	West East	08:50 14:29	2.9 2.7			◎
Mar-31	Wed	Feb-19	05:53 18:24	06:25 12:11	2	10.83 11.90		06:25 ~ 12:11 12:11 ~ 18:24	West East	09:28 15:04	2.6 2.6			△

Navigable water area in the traffic lane expected to be during the peak season of Stownet-fishing

1st February ~ 31st August, 2021

the expected area : west and east of Ogijima island

※difficulty in navigation : △→○→◎ (◎ is most)

Date	Day	Lunar Calendar	Sunrise Sunset	The time of slack water between sunrise to sunset	Number of operating times	Water temperature of the last year	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogijima Island	East of Ogijima Island	
										Time	Current speed			
Apr-1	Thu	Feb-20	05:51 18:25	07:05 12:43	2	10.80 12.00		07:05 ~ 12:43	West	10:05	2.3			
								12:43 ~ 18:25	East	15:39	2.5			
Apr-2	Fri	Feb-21	05:50 18:26	07:46 13:17	3	10.93 12.00		05:50 ~ 07:46	East	04:17	2.1			
								07:46 ~ 13:17	West	10:43	1.9			
								13:17 ~ 18:26	East	16:17	2.2			
Apr-3	Sat	Feb-22	05:49 18:26	08:31 13:55	3	11.07 12.10	Off	05:49 ~ 08:31	East	05:03	1.6			
								08:31 ~ 13:55	West	11:24	1.5			
								13:55 ~ 18:26	East	17:00	1.9			
Apr-4	Sun	Feb-23	05:47 18:27	09:28 14:41	Non-fishing	11.20 12.20		Non-fishing day						
Apr-5	Mon	Feb-24	05:46 18:28	10:49 15:49	Non-fishing	11.43 12.20		Non-fishing day						
Apr-6	Tue	Feb-25	05:45 18:29	06:11 12:29	2	11.60 12.20	Off	06:11 ~ 12:29	East	09:11	0.9	Non-fishing day		
								12:29 ~ 17:31	West	15:07	0.7			
Apr-7	Wed	Feb-26	05:43 18:30	07:29 13:49	2	11.57 12.40		07:29 ~ 13:49	East	10:34	1.1			
								13:49 ~ 18:30	West	16:35	1.1			
Apr-8	Thu	Feb-27	05:42 18:30	08:23 14:44	3	11.80 12.40		05:42 ~ 08:23	West	05:11	1.9			
								08:23 ~ 14:44	East	11:30	1.4			
								14:44 ~ 18:30	West	17:35	1.5			
Apr-9	Fri	Feb-28	05:41 18:31	09:05 15:26	3	11.90 12.50		05:41 ~ 09:05	West	06:01	2.2			
								09:05 ~ 15:26	East	12:12	1.8			
								15:26 ~ 18:31	West	18:22	2.0			
Apr-10	Sat	Feb-29	05:39 18:32	09:40 16:03	2	11.93 12.70	Off	05:39 ~ 09:40	West	06:44	2.4			
								09:40 ~ 16:03	East	12:46	2.1			
Apr-11	Sun	Feb-30	05:38 18:33	10:12 16:37	2	11.97 12.70		05:38 ~ 10:12	West	07:21	2.6			△
								10:12 ~ 16:37	East	13:16	2.3			
Apr-12	Mon	Mar-1	05:37 18:33	10:42 17:07	2	12.03 12.70		05:37 ~ 10:42	West	07:56	2.6			△
								10:42 ~ 17:07	East	13:41	2.4			
Apr-13	Tue	Mar-2	05:36 18:34	11:09 17:34	2	12.17 12.40	Off	05:36 ~ 11:09	West	08:28	2.5			△
								11:09 ~ 17:34	East	14:05	2.4			
Apr-14	Wed	Mar-3	05:34 18:35	05:56 11:34	2	12.30 12.10		05:56 ~ 11:34	West	08:57	2.3			
								11:34 ~ 17:58	East	14:28	2.4			
Apr-15	Thu	Mar-4	05:33 18:36	06:20 11:59	2	12.43 12.50		06:20 ~ 11:59	West	09:25	2.1			
								11:59 ~ 18:20	East	14:52	2.4			
Apr-16	Fri	Mar-5	05:32 18:36	06:43 12:24	2	12.60 12.60		06:43 ~ 12:24	West	09:51	1.9			
								12:24 ~ 18:36	East	15:18	2.3			
Apr-17	Sat	Mar-6	05:31 18:37	07:09 12:51	3	12.73 12.80	Off	05:31 ~ 07:09	East	03:49	1.8			
								07:09 ~ 12:51	West	10:18	1.6			
								12:51 ~ 18:37	East	15:49	2.2			
Apr-18	Sun	Mar-7	05:29 18:38	07:41 13:23	3	12.87 12.90		05:29 ~ 07:41	East	04:26	1.6			
								07:41 ~ 13:23	West	10:49	1.4			
								13:23 ~ 18:38	East	16:27	2.0			
Apr-19	Mon	Mar-8	05:28 18:39	08:26 14:03	Non-fishing	13.10 13.00		Non-fishing day						
Apr-20	Tue	Mar-9	05:27 18:40	09:31 15:01	Non-fishing	13.30 13.40	Off	Non-fishing day						
Apr-21	Wed	Mar-10	05:26 18:40	11:02 16:31	3	13.43 13.30		05:26 ~ 11:02	East	07:40	1.0	Non-fishing day		
								11:02 ~ 16:31	West	13:59	0.7			
								16:31 ~ 18:40	East	19:50	1.3			
Apr-22	Thu	Mar-11	05:25 18:41	06:20 12:38	3	13.67 13.00		06:20 ~ 12:38	East	09:09	1.2			
								12:38 ~ 18:15	West	15:43	1.0			
								18:15 ~ 18:41	East	21:22	1.4			
Apr-23	Fri	Mar-12	05:23 18:42	07:29 13:49	3	13.80 13.10		05:23 ~ 07:29	West	04:24	1.7			
								07:29 ~ 13:49	East	10:21	1.5			
								13:49 ~ 18:42	West	16:58	1.5			
Apr-24	Sat	Mar-13	05:22 18:43	08:23 14:43	3	14.00 13.00	Off	05:22 ~ 08:23	West	05:28	2.1			
								08:23 ~ 14:43	East	11:17	1.9			
								14:43 ~ 18:43	West	17:54	2.1			
Apr-25	Sun	Mar-14	05:21 18:43	09:10 15:28	3	14.20 13.10		05:21 ~ 09:10	West	06:19	2.4			
								09:10 ~ 15:28	East	12:04	2.3			
								15:28 ~ 18:43	West	18:42	2.6			
Apr-26	Mon	Mar-15	05:20 18:44	09:51 16:09	3	14.23 13.40		05:20 ~ 09:51	West	07:05	2.6			△
								09:51 ~ 16:09	East	12:46	2.6			
								16:09 ~ 18:44	West	19:26	3.0			
Apr-27	Tue	Mar-16	05:19 18:45	10:29 16:49	3	14.30 13.50		05:19 ~ 10:29	West	07:47	2.7			△
								10:29 ~ 16:49	East	13:25	2.7			
								16:49 ~ 18:45	West	20:08	3.3			
Apr-28	Wed	Mar-17	05:18 18:46	05:29 11:06	3	14.40 13.80	Off	05:29 ~ 11:06	West	08:27	2.6			△
								11:06 ~ 17:28	East	14:03	2.8			
								17:28 ~ 18:46	West	20:50	3.3			
Apr-29	Thu	Mar-18	05:17 18:47	06:12 11:41	3	14.40 14.00		06:12 ~ 11:41	West	09:07	2.4			△
								11:41 ~ 18:07	East	14:40	2.7			
								18:07 ~ 18:47	West	21:31	3.2			
Apr-30	Fri	Mar-19	05:16 18:47	06:54 12:17	3	14.43 14.60		05:16 ~ 06:54	East	03:23	2.3			
								06:54 ~ 12:17	West	09:46	2.1			
								12:17 ~ 18:47	East	15:17	2.5			

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※difficulty in navigation : △→○→◎ (◎ is most)

Date	Day	Lunar Calendar	Sunrise Sunset	The time of slack water between sunrise to sunset	Number of operating times	Water temperature of the last year	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogijima Island	East of Ogijima Island	
										Time	Current speed			
May-1	Sat	Mar-20	05:15 18:48	07:38 12:54	3	14.73 14.60	Off	05:15 ~ 07:38	East	04:06	1.9			
								07:38 ~ 12:54	West	10:27	1.7			
								12:54 ~ 18:48	East	15:57	2.2			
May-2	Sun	Mar-21	05:14 18:49	08:27 13:35	3	14.73 14.60		05:14 ~ 08:27	East	04:54	1.5			
								08:27 ~ 13:35	West	11:11	1.4			
								13:35 ~ 18:49	East	16:42	1.9			
May-3	Mon	Mar-22	05:13 18:50	09:25 14:27	3	14.83 14.60	Off	05:13 ~ 09:25	East	05:55	1.2			
								09:25 ~ 14:27	West	12:05	1.0			
								14:27 ~ 18:50	East	17:41	1.5			
May-4	Tue	Mar-23	05:12 18:50	10:39 15:39	Non-fishing	14.97 14.60	Off	Non-fishing day						
May-5	Wed	Mar-24	05:11 18:51	05:34 12:01	Non-fishing	15.10 14.70		Non-fishing day						
May-6	Thu	Mar-25	05:10 18:52	06:42 13:11	3	15.33 14.90		06:42 ~ 13:11	East	09:53	1.2	Non-fishing day		
								13:11 ~ 18:50	West	16:03	1.2			
								18:50 ~ 18:52	East	22:03	1.3			
May-7	Fri	Mar-26	05:09 18:53	07:35 14:04	3	15.07 14.90		06:09 ~ 07:35	West	04:32	1.7			
								07:35 ~ 14:04	East	10:46	1.5			
								14:04 ~ 18:53	West	17:04	1.6			
May-8	Sat	Mar-27	05:08 18:54	08:18 14:48	3	15.47 15.00	Off	05:08 ~ 08:18	West	05:25	1.9			
								08:18 ~ 14:48	East	11:27	1.8			
								14:48 ~ 18:54	West	17:52	2.0			
May-9	Sun	Mar-28	05:07 18:54	08:55 15:26	3	15.53 15.30		05:07 ~ 08:55	West	06:09	2.1			
								08:55 ~ 15:26	East	12:02	2.0			
								15:26 ~ 18:54	West	18:34	2.4			
May-10	Mon	Mar-29	05:06 18:55	09:29 16:00	3	15.60 15.40		05:06 ~ 09:29	West	06:48	2.2			
								09:29 ~ 16:00	East	12:33	2.2			
								16:00 ~ 18:55	West	19:11	2.7			
May-11	Tue	Mar-30	05:05 18:56	10:01 16:31	3	15.80 15.60	Off	05:05 ~ 10:01	West	07:24	2.2			
								10:01 ~ 16:31	East	13:01	2.4			
								16:31 ~ 18:56	West	19:47	2.8			
May-12	Wed	Apr-1	05:04 18:57	10:30 16:59	3	15.97 16.00		05:04 ~ 10:30	West	07:57	2.1			
								10:30 ~ 16:59	East	13:28	2.4			
								16:59 ~ 18:57	West	20:20	2.8			
May-13	Thu	Apr-2	05:04 18:57	05:30 10:59	3	16.13 16.10		05:30 ~ 10:59	West	08:29	2.0			
								10:59 ~ 17:25	East	13:54	2.4			
								17:25 ~ 18:57	West	20:51	2.8			
May-14	Fri	Apr-3	05:03 18:58	05:58 11:26	3	16.23 16.40		05:58 ~ 11:26	West	08:59	1.9			
								11:26 ~ 17:50	East	14:21	2.4			
								17:50 ~ 18:58	West	21:22	2.7			
May-15	Sat	Apr-4	05:02 18:59	06:25 11:54	3	16.33 16.60	Off	05:02 ~ 06:25	East	02:57	1.9			
								06:25 ~ 11:54	West	9:28	1.7			
								11:54 ~ 18:16	East	14:50	2.3			
May-16	Sun	Apr-5	05:01 19:00	06:55 12:24	3	16.47 16.40		05:01 ~ 06:55	East	03:30	1.8			
								06:55 ~ 12:24	West	09:59	1.5			
								12:24 ~ 18:47	East	15:24	2.2			
May-17	Mon	Apr-6	05:01 19:00	07:31 13:00	3	16.53 16.40		05:01 ~ 07:31	East	04:08	1.6			
								07:31 ~ 13:00	West	10:34	1.3			
								13:00 ~ 19:00	East	16:04	2.0			
May-18	Tue	Apr-7	05:00 19:01	08:17 13:46	3	16.83 16.70	Off	05:00 ~ 08:17	East	04:55	1.4			
								08:17 ~ 13:46	West	11:17	1.1			
								13:46 ~ 19:01	East	16:53	1.8			
May-19	Wed	Apr-8	04:59 19:02	09:19 14:47	Non-fishing	16.90 16.70		Non-fishing day						
May-20	Thu	Apr-9	04:59 19:03	10:35 16:12	Non-fishing	17.00 16.60		Non-fishing day						
May-21	Fri	Apr-10	04:58 19:03	05:33 11:54	3	17.10 16.70		05:33 ~ 11:54	East	08:30	1.3	Non-fishing day		
								11:54 ~ 17:49	West	15:03	1.2			
								17:49 ~ 19:03	East	20:52	1.4			
May-22	Sat	Apr-11	04:58 19:04	06:41 13:04	3	17.33 16.80	Off	04:58 ~ 06:41	West	03:40	1.6			
								06:41 ~ 13:04	East	09:40	1.6			
								13:04 ~ 19:04	West	16:22	1.6			
May-23	Sun	Apr-12	04:57 19:05	07:39 14:02	3	17.57 17.10		04:57 ~ 07:39	West	04:49	1.8			
								07:39 ~ 14:02	East	10:38	2.0			
								14:02 ~ 19:05	West	17:23	2.2			
May-24	Mon	Apr-13	04:57 19:05	08:29 14:53	3	17.63 17.30		04:57 ~ 08:29	West	05:47	2.1			
								08:29 ~ 14:53	East	11:29	0.7			
								14:53 ~ 19:05	West	18:17	2.7			
May-25	Tue	Apr-14	04:56 19:06	09:15 15:40	3	17.73 17.30	Off	04:56 ~ 09:15	West	06:37	2.2			
								09:15 ~ 15:40	East	12:15	2.6			
								15:40 ~ 19:06	West	19:05	3.1			
May-26	Wed	Apr-15	04:56 19:07	09:58 16:25	3	17.93 17.50		04:56 ~ 09:58	West	07:23	2.3			△
								09:58 ~ 16:25	East	12:59	2.7			
								16:25 ~ 19:07	West	19:50	3.3			
May-27	Thu	Apr-16	04:55 19:08	05:15 10:38	3	18.10 17.70		05:15 ~ 10:38	West	08:07	2.3			△
								10:38 ~ 17:10	East	13:41	2.8			
								17:10 ~ 19:08	West	20:34	3.4			
May-28	Fri	Apr-17	04:55 19:08	06:01 11:18	3	18.20 17.90		06:01 ~ 11:18	West	08:50	2.2			△
								11:18 ~ 17:53	East	14:22	2.7			
								17:53 ~ 19:08	West	21:18	3.3			
May-29	Sat	Apr-18	04:54 19:09	06:47 11:59	3	18.10 18.20	Off	04:54 ~ 06:47	East	03:16	2.1			
								06:47 ~ 11:59	West	09:32	2.0			
								11:59 ~ 18:38	East	15:03	2.5			
May-30	Sun	Apr-19	04:54 19:09	07:32 12:40	3	18.27 19.00		04:54 ~ 07:32	East	04:02	1.8			
								07:32 ~ 12:40	West	10:15	1.7			
								12:40 ~ 19:09	East	15:46	2.2			
May-31	Mon	Apr-20	04:54 19:10	08:20 13:26	3	18.33 -		04:54 ~ 08:20	East	04:51	1.6			
								08:20 ~ 13:26	West	11:01	1.5			
								13:26 ~ 19:10	East	16:34	1.9			

Navigable water area in the traffic lane expected to be during the peak season of Stownet-fishing

1st February ~ 31st August, 2021

the expected area : west and east of Ogijima island

※difficulty in navigation : △→○→◎ (◎ is most)

Date	Day	Lunar Calendar	Sunrise Sunset	The time of slack water between sunrise to sunset	Number of operating times	Water temperature of the last year	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogijima Island	East of Ogijima Island	
										Time	Current speed			
Jun-1	Tue	Apr-21	04:53 19:11	09:13 14:20	3	18.63 18.40		04:53 ~ 09:13	East	05:46	1.3			
								09:13 ~ 14:20	West	11:53	1.3			
								14:20 ~ 19:11	East	17:31	1.5			
Jun-2	Wed	Apr-22	04:53 19:11	10:12 15:28	3	18.70 18.90		04:53 ~ 01:12	East	06:49	1.2			
								10:12 ~ 15:28	West	12:52	1.1			
								15:28 ~ 19:11	East	18:43	1.3			
Jun-3	Thu	Apr-23	04:53 19:12	11:15 16:50	Non-fishing	18.83 18.80		Non-fishing day						
Jun-4	Fri	Apr-24	04:52 19:12	05:40 12:17	Non-fishing	19.07 18.90		Non-fishing day						
Jun-5	Sat	Apr-25	04:52 19:13	06:34 13:12	3	19.30 19.30	Off	04:52 ~ 06:34	West	09:37	1.4	Non-fishing day		
								06:34 ~ 13:12	East	09:47	1.5			
								13:12 ~ 19:13	West	16:21	1.6			
Jun-6	Sun	Apr-26	04:52 19:13	07:21 14:00	3	19.40 19.20		04:52 ~ 07:21	West	04:36	1.5			
								07:21 ~ 14:00	East	10:32	1.7			
								14:00 ~ 19:13	West	17:14	1.9			
Jun-7	Mon	Apr-27	04:52 19:14	08:05 14:43	3	19.57 19.40		04:52 ~ 08:05	West	05:27	1.6			
								08:05 ~ 14:43	East	11:12	1.9			
								14:43 ~ 19:14	West	18:00	2.2			
Jun-8	Tue	Apr-28	04:52 19:14	08:44 15:22	3	19.63 19.40	Off	04:52 ~ 08:44	West	06:11	1.7			
								08:44 ~ 15:22	East	11:49	2.1			
								15:22 ~ 19:14	West	18:42	2.5			
Jun-9	Wed	Apr-29	04:52 19:15	09:21 15:57	3	19.73 19.80		04:52 ~ 09:21	West	06:52	1.8			
								09:21 ~ 15:57	East	12:23	2.2			
								15:57 ~ 19:15	West	19:20	2.6			
Jun-10	Thu	May-1	04:52 19:15	09:56 16:30	3	19.83 20.30		04:52 ~ 09:56	West	07:30	1.8			
								09:56 ~ 16:30	East	12:55	2.3			
								16:30 ~ 19:15	West	19:57	2.7			
Jun-11	Fri	May-2	04:52 19:16	05:11 10:29	3	19.90 20.02		04:52 ~ 05:11	West	08:06	1.8			
								05:11 ~ 10:29	East	13:27	2.3			
								10:29 ~ 17:00	West	20:31	2.7			
Jun-12	Sat	May-3	04:52 19:16	05:45 11:02	3	19.83 20.00	Off	04:45 ~ 11:02	West	08:40	1.7			
								11:02 ~ 17:30	East	13:59	2.3			
								17:30 ~ 19:16	West	21:05	2.7			
Jun-13	Sun	May-4	04:52 19:17	06:17 11:35	3	20.03 20.90		04:52 ~ 06:17	East	02:43	1.8			
								06:17 ~ 11:35	West	09:14	1.6			
								11:35 ~ 18:01	East	14:33	2.3			
Jun-14	Mon	May-5	04:52 19:17	06:51 12:11	3	20.13 20.80		04:52 ~ 06:51	East	03:19	1.8			
								06:51 ~ 12:11	West	09:49	1.5			
								12:11 ~ 18:36	East	15:10	2.2			
Jun-15	Tue	May-6	04:52 19:17	07:27 12:51	3	20.07 20.90	Off	04:52 ~ 07:27	East	03:58	1.7			
								07:27 ~ 12:51	West	10:27	1.4			
								12:51 ~ 19:17	East	15:52	2.1			
Jun-16	Wed	May-7	04:52 19:18	08:10 13:39	3	20.07 20.10		04:52 ~ 08:10	East	04:42	1.6			
								08:10 ~ 13:39	West	11:10	1.4			
								13:39 ~ 19:18	East	16:41	1.9			
Jun-17	Thu	May-8	04:52 19:18	09:01 14:39	Non-fishing	20.27 20.10		Non-fishing day						
Jun-18	Fri	May-9	04:52 19:18	10:02 15:53	Non-fishing	20.33 19.50		Non-fishing day						
Jun-19	Sat	May-10	04:52 19:19	11:09 17:21	3	20.50 19.80	Off	04:52 ~ 11:09	East	07:47	1.5	Non-fishing day		
								11:09 ~ 17:21	West	14:22	1.4			
								17:21 ~ 19:19	East	20:18	1.4			
Jun-20	Sun	May-11	04:52 19:19	05:49 12:17	3	20.60 20.30		04:59 ~ 12:17	East	08:54	1.7			
								12:17 ~ 18:46	West	15:42	1.7			
								18:46 ~ 19:19	East	21:36	1.5			
Jun-21	Mon	May-12	04:52 19:19	06:52 13:22	3	20.70 20.70		04:52 ~ 06:52	West	04:08	1.5			
								06:52 ~ 13:22	East	9:58	1.9			
								13:22 ~ 19:19	West	16:53	2.1			
Jun-22	Tue	May-13	04:53 19:19	07:49 14:22	3	20.83 20.30	Off	04:53 ~ 07:49	West	05:15	1.6			
								07:49 ~ 14:22	East	10:55	2.2			
								14:22 ~ 19:19	West	17:53	2.6			
Jun-23	Wed	May-14	04:53 19:20	08:42 15:18	3	21.00 21.10		04:53 ~ 08:42	West	06:12	1.8			
								08:42 ~ 15:18	East	11:48	2.4			
								15:18 ~ 19:20	West	18:47	3.0			
Jun-24	Thu	May-15	04:53 19:20	09:32 16:10	3	21.07 20.60		04:53 ~ 09:32	West	07:04	2.0			△
								09:32 ~ 16:10	East	12:39	2.6			
								16:10 ~ 19:20	West	19:36	3.2			
Jun-25	Fri	May-16	04:53 19:20	05:05 10:18	3	21.40 20.90		05:05 ~ 10:18	West	07:51	2.0			△
								10:18 ~ 16:59	East	13:26	2.7			
								16:59 ~ 19:20	West	20:22	3.3			
Jun-26	Sat	May-17	04:54 19:20	05:53 11:04	3	21.53 21.00	Off	05:53 ~ 11:04	West	08:37	2.1			
								11:04 ~ 17:46	East	14:12	2.6			
								17:46 ~ 19:20	West	21:06	3.3			
Jun-27	Sun	May-18	04:54 19:20	06:37 11:48	3	21.53 21.70		04:54 ~ 06:37	East	03:12	2.0			
								06:37 ~ 11:48	West	09:20	2.0			
								11:48 ~ 18:31	East	14:57	2.5			
Jun-28	Mon	May-19	04:54 19:20	07:20 12:33	3	21.20 21.57		04:54 ~ 07:20	East	03:56	1.9			
								07:20 ~ 12:33	West	10:04	1.9			
								12:33 ~ 19:15	East	15:41	2.3			
Jun-29	Tue	May-20	04:55 19:20	08:03 13:19	3	21.60 21.63	Off	04:55 ~ 08:03	East	04:39	1.8			
								08:03 ~ 13:19	West	10:47	1.8			
								13:19 ~ 19:20	East	16:26	2.0			
Jun-30	Wed	May-21	04:55 19:20	08:46 14:09	3	21.73 22.20		04:55 ~ 08:46	East	05:21	1.6			
								08:46 ~ 14:09	West	11:32	1.6			
								14:09 ~ 19:20	East	17:14	1.7			

Navigable water area in the traffic lane expected to be during the peak season of Stownet-fishing

1st February ~ 31st August, 2021

the expected area : west and east of Ogijima island

※difficulty in navigation : △→○→◎ (◎ is most)

Date	Day	Lunar Calendar	Sunrise Sunset	The time of slack water between sunrise to sunset	Number of operating times	Water temperature of the last year	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogijima Island	East of Ogijima Island	
										Time	Current speed			
Jul-1	Thu	May-22	04:56 19:20	09:31 15:05	3	21.97 22.50		04:56 ~ 09:31	East	06:05	1.5			
								09:31 ~ 15:05	West	12:21	1.5			
								15:05 ~ 19:20	East	18:08	1.4			
Jul-2	Fri	May-23	04:56 19:20	10:20 16:09	Non-fishing	22.17 21.50		Non-fishing day						
Jul-3	Sat	May-24	04:56 19:20	11:13 17:21	Non-fishing	22.20 21.70	Off	Non-fishing day						
Jul-4	Sun	May-25	04:57 19:20	05:21 12:08	3	22.47 21.90		05:21 ~ 12:08	East	08:37	1.5	Non-fishing day		
								12:08 ~ 18:34	West	15:23	1.5			
								18:34 ~ 19:20	East	21:16	1.0			
Jul-5	Mon	May-26	04:57 19:20	06:15 13:04	3	22.63 21.70		04:57 ~ 06:15	West	09:34	1.2	Non-fishing day		
								06:15 ~ 13:04	East	09:29	1.6			
								13:04 ~ 19:20	West	16:28	1.7			
Jul-6	Tue	May-27	04:58 19:19	07:09 13:55	3	22.43 21.50	Off	04:58 ~ 07:09	West	04:37	1.2	Non-fishing day		
								07:09 ~ 13:55	East	10:19	1.7			
								13:55 ~ 19:19	West	17:23	1.9			
Jul-7	Wed	May-28	04:58 19:19	07:59 14:43	3	22.63 21.50		04:58 ~ 07:59	West	05:34	1.3			
								07:59 ~ 14:43	East	11:06	1.9			
								14:43 ~ 19:19	West	18:12	2.2			
Jul-8	Thu	May-29	04:59 19:19	08:46 15:26	3	22.70 22.30		04:59 ~ 08:46	West	06:23	1.4			
								08:46 ~ 15:26	East	11:49	2.0			
								15:26 ~ 19:19	West	18:56	2.4			
Jul-9	Fri	May-30	04:59 19:19	09:29 16:06	3	22.93 21.60		04:59 ~ 09:29	West	07:07	1.5			
								09:29 ~ 16:06	East	12:30	2.2			
								16:06 ~ 19:19	West	19:37	2.6			
Jul-10	Sat	Jun-1	05:00 19:18	10:09 16:44	3	22.87 22.00	Off	05:00 ~ 10:09	West	07:48	1.6			
								10:09 ~ 16:44	East	13:09	2.3			
								16:44 ~ 19:18	West	20:15	2.7			
Jul-11	Sun	Jun-2	05:01 19:18	05:35 10:48	3	22.93 22.00		05:01 ~ 05:35	West	08:27	1.6			
								05:35 ~ 10:48	East	13:47	2.3			
								10:48 ~ 19:18	West	20:52	2.8			
Jul-12	Mon	Jun-3	05:01 19:18	06:10 11:26	3	22.20 22.00		06:10 ~ 11:26	West	09:03	1.7			
								11:26 ~ 17:56	East	14:24	2.4			
								17:56 ~ 19:18	West	21:28	2.8			
Jul-13	Tue	Jun-4	05:02 19:17	06:42 12:06	3	23.17 21.70	Off	05:02 ~ 06:42	East	03:10	1.9			
								06:42 ~ 12:06	West	09:40	1.8			
								12:06 ~ 18:33	East	15:04	2.3			
Jul-14	Wed	Jun-5	05:02 19:17	07:16 12:48	3	23.17 21.90		05:02 ~ 07:16	East	03:47	1.9			
								07:16 ~ 12:48	West	10:17	1.8			
								12:48 ~ 19:17	East	15:45	2.2			
Jul-15	Thu	Jun-6	05:03 19:17	07:53 13:35	3	23.33 21.90		05:03 ~ 07:53	East	04:27	1.9			
								07:53 ~ 13:35	West	10:58	1.8			
								13:35 ~ 19:17	East	16:31	2.1			
Jul-16	Fri	Jun-7	05:04 19:16	08:35 14:28	Non-fishing	23.63 22.30		05:04 ~ 08:35	East	05:11	1.8	Non-fishing day		
								08:35 ~ 14:28	West	11:43	1.7			
								14:28 ~ 19:16	East	17:25	1.8			
Jul-17	Sat	Jun-8	05:04 19:16	09:25 15:33	Non-fishing	23.67 22.00	Off	Non-fishing day						
Jul-18	Sun	Jun-9	05:05 19:15	10:25 16:53	2	23.83 22.40		Non-fishing day						
Jul-19	Mon	Jun-10	05:06 19:15	11:34 18:21	2	23.87 22.20		05:06 ~ 11:34	East	08:09	1.7	Non-fishing day		
								11:34 ~ 18:21	West	15:04	1.7			
								06:04 ~ 12:47	East	09:19	1.8			
Jul-20	Tue	Jun-11	05:06 19:14	06:04 12:47	3	24.23 23.10	Off	05:06 ~ 06:04	West	16:26	2.0	Non-fishing day		
								06:04 ~ 12:47	East	09:19	1.8			
								12:47 ~ 19:14	West	16:26	2.0			
Jul-21	Wed	Jun-12	05:07 19:14	07:14 13:59	3	24.20 22.40	Off	05:07 ~ 07:14	West	04:48	1.2	Non-fishing day		
								07:14 ~ 13:59	East	10:28	1.9			
								13:59 ~ 19:14	West	17:36	2.4			
Jul-22	Thu	Jun-13	05:08 19:13	08:18 15:04	3	24.33 23.30		05:08 ~ 08:18	West	05:54	1.5			△
								08:18 ~ 15:04	East	11:31	2.2			
								15:04 ~ 19:13	West	18:34	2.7			
Jul-23	Fri	Jun-14	05:08 19:12	09:16 16:01	3	24.53 22.80		05:08 ~ 09:16	West	06:50	1.7			△
								09:16 ~ 16:01	East	12:29	2.4			
								16:01 ~ 19:12	West	19:24	3.0			
Jul-24	Sat	Jun-15	05:09 19:12	10:08 16:52	3	24.43 22.60	Off	05:09 ~ 10:08	West	07:40	2.0			△
								10:08 ~ 16:52	East	13:21	2.5			
								16:52 ~ 19:12	West	20:10	3.2			
Jul-25	Sun	Jun-16	05:10 19:11	05:40 10:56	3	24.57 23.00		05:40 ~ 10:56	West	08:24	2.0			△
								10:56 ~ 17:39	East	14:08	2.5			
								17:39 ~ 19:11	West	20:53	3.2			
Jul-26	Mon	Jun-17	05:10 19:10	06:20 11:41	3	24.70 23.10		05:10 ~ 06:20	East	03:02	2.1			
								06:20 ~ 11:41	West	09:07	2.2			
								11:41 ~ 18:21	East	14:52	2.5			
Jul-27	Tue	Jun-18	05:11 19:10	06:58 12:24	3	24.60 23.70	Off	05:11 ~ 06:58	East	03:39	2.1			
								06:58 ~ 12:24	West	09:47	2.3			
								12:24 ~ 19:01	East	15:32	2.4			
Jul-28	Wed	Jun-19	05:12 19:09	07:34 13:07	3	24.83 23.20		05:12 ~ 07:34	East	04:11	2.0			
								07:34 ~ 13:07	West	10:26	2.2			
								13:07 ~ 19:09	East	16:10	2.2			
Jul-29	Thu	Jun-20	05:12 19:08	08:09 13:49	3	24.70 23.60		05:12 ~ 08:09	East	04:43	1.9			
								08:09 ~ 13:49	West	11:05	2.0			
								13:49 ~ 19:08	East	16:47	1.9			
Jul-30	Fri	Jun-21	05:13 19:07	08:45 14:33	3	24.93 23.90		05:13 ~ 08:45	East	05:15	1.8			
								08:45 ~ 14:33	West	11:44	1.9			
								14:33 ~ 19:07	East	17:25	1.6			
Jul-31	Sat	Jun-22	05:14 19:06	09:23 15:23	3	25.13 23.90	Off	05:14 ~ 09:23	East	05:51	1.7	Non-fishing day		
								09:23 ~ 15:23	West	12:26	1.7			
								15:23 ~ 19:06	East	18:10	1.3			

Navigable water area in the traffic lane expected to be during the peak season of Stownet-fishing

1st February ~ 31st August, 2021

the expected area : west and east of Ogijima island

※difficulty in navigation : △→○→◎ (◎ is most)

Date	Day	Lunar Calendar	Sunrise Sunset	The time of slack water between sunrise to sunset	Number of operating times	Water temperature of the last year	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogijima Island	East of Ogijima Island	
										Time	Current speed			
Aug-1	Sun	Jun-23	05:15 19:06	10:06 16:21	Non-fishing	23.57 23.90		Non-fishing day						
Aug-2	Mon	Jun-24	05:15 19:05	10:57 17:32	Non-fishing	25.60 24.10		Non-fishing day						
Aug-3	Tue	Jun-25	05:16 19:04	11:56 18:48	Non-fishing	25.67 24.30	Off	Non-fishing day						
Aug-4	Wed	Jun-26	05:17 19:03	06:09 13:01	Non-fishing	25.93 24.20		Non-fishing day						
Aug-5	Thu	Jun-27	05:18 19:02	07:16 14:03	Non-fishing	26.20 24.70		Non-fishing day						
Aug-6	Fri	Jun-28	05:18 19:01	08:17 14:59	3	26.33 24.40		05:18 ~ 08:17	West	05:58	1.2		Non-fishing day	
								08:17 ~ 14:59	East	11:22	1.8			
								14:59 ~ 19:01	West	18:33	2.3			
Aug-7	Sat	Jun-29	05:19 19:00	09:09 15:47	3	26.33 24.50	Off	05:19 ~ 09:09	West	06:48	1.4			
								09:09 ~ 15:47	East	12:11	2.0			
								15:47 ~ 19:00	West	19:17	2.6			
Aug-8	Sun	Jun-30	05:20 18:59	09:56 16:30	3	26.33 24.90		05:20 ~ 09:56	West	07:32	1.7			
								09:56 ~ 16:30	East	12:57	2.2			
								16:30 ~ 18:59	West	19:58	2.8			
Aug-9	Mon	Jul-1	05:20 18:58	10:39 17:11	3	26.33 24.90		05:20 ~ 10:39	West	08:11	1.9			
								10:39 ~ 17:11	East	13:38	2.4			
								17:11 ~ 18:58	West	20:36	2.9			
Aug-10	Tue	Jul-2	05:21 18:57	05:52 11:20	3	26.43 25.20		05:52 ~ 11:20	West	08:49	2.1			△
								11:20 ~ 17:49	East	14:18	2.5			
								17:49 ~ 18:57	West	21:12	2.9			
Aug-11	Wed	Jul-3	05:22 18:56	06:23 12:00	3	26.40 25.70		05:22 ~ 06:23	East	02:55	2.1			
								06:23 ~ 12:00	West	09:25	2.2			
								12:00 ~ 18:27	East	14:57	2.5			
Aug-12	Thu	Jul-5	05:23 18:55	06:54 12:42	3	26.57 26.10		05:23 ~ 06:54	East	03:29	2.2			
								06:54 ~ 12:42	West	10:02	2.2			
								12:42 ~ 18:55	East	15:37	2.4			
Aug-13	Fri	Jul-6	05:23 18:54	07:28 13:26	3	26.67 26.40	Off	05:23 ~ 07:28	East	04:04	2.2			
								07:28 ~ 13:26	West	10:40	2.2			
								13:26 ~ 18:54	East	16:19	2.2			
Aug-14	Sat	Jul-7	05:24 18:53	08:06 14:16	1	26.83 26.10	Off	05:24 ~ 08:06	East	04:42	2.1	Non-fishing day		
Aug-15	Sun	Jul-8	05:25 18:52	08:51 15:14	Non-fishing	26.77 25.80	Off	Non-fishing day						
Aug-16	Mon	Jul-9	05:26 18:51	09:47 16:29	Non-fishing	26.83 25.40		Non-fishing day						
Aug-17	Tue	Jul-10	05:26 18:49	10:57 18:01	Non-fishing	26.87 26.10	Off	Non-fishing day						
Aug-18	Wed	Jul-11	05:27 18:48	12:22	Non-fishing	26.90 26.10		Non-fishing day						
Aug-19	Thu	Jul-12	05:28 18:47	06:50 13:46	Non-fishing	27.00 26.10		Non-fishing day						
Aug-20	Fri	Jul-13	05:28 18:46	08:06 14:57	3	27.07 25.60		05:28 ~ 08:06	West	05:43	1.3		Non-fishing day	
								08:06 ~ 14:57	East	11:25	1.9			
								14:57 ~ 18:46	West	18:22	2.5			
Aug-21	Sat	Jul-14	05:29 18:45	09:09 15:54	3	27.13 26.00	Off	05:29 ~ 09:09	West	06:39	1.7			
								09:09 ~ 15:54	East	12:26	2.2			
								15:54 ~ 18:45	West	19:11	2.9			
Aug-22	Sun	Jul-15	05:30 18:43	10:01 16:43	3	27.20 25.80		05:30 ~ 10:01	West	07:26	2.1			△
								10:01 ~ 16:43	East	13:17	2.5			
								16:43 ~ 18:43	West	19:54	3.1			
Aug-23	Mon	Jul-16	05:31 18:42	10:48 17:26	3	27.20 26.40		05:31 ~ 10:48	West	08:09	2.4			△
								10:48 ~ 17:26	East	14:01	2.6			
								17:26 ~ 18:42	West	20:34	3.1			
Aug-24	Tue	Jul-17	05:31 18:41	05:55 11:31	3	27.17 26.50	Off	05:55 ~ 11:31	West	08:48	2.6			○
								11:31 ~ 18:05	East	14:40	2.6			
								18:05 ~ 18:41	West	21:10	3.0			
Aug-25	Wed	Jul-18	05:32 18:40	06:28 12:11	3	27.23 26.60		05:32 ~ 06:28	East	03:08	2.3			△
								06:28 ~ 12:11	West	09:25	2.6			
								12:11 ~ 18:40	East	15:13	2.5			
Aug-26	Thu	Jul-19	05:33 18:38	06:59 12:47	3	27.37 27.20		05:33 ~ 06:59	East	03:35	2.3			
								06:59 ~ 12:47	West	10:00	2.5			
								12:47 ~ 18:38	East	15:44	2.2			
Aug-27	Fri	Jul-20	05:33 18:37	07:29 13:23	3	27.33 27.40		05:33 ~ 07:29	East	04:00	2.2			
								07:29 ~ 13:23	West	10:34	2.4			
								13:23 ~ 18:37	East	16:13	2.0			
Aug-28	Sat	Jul-21	05:34 18:36	07:57 14:00	3	27.40 27.20	Off	05:34 ~ 07:57	East	04:26	2.1			
								07:57 ~ 14:00	West	11:07	2.2			
								14:00 ~ 18:36	East	16:44	1.7			
Aug-29	Sun	Jul-22	05:35 18:35	08:27 14:40	3	27.47 27.20		05:35 ~ 08:27	East	04:56	2.0			
								08:27 ~ 14:40	West	11:41	1.9			
								14:40 ~ 18:35	East	17:19	1.4			
Aug-30	Mon	Jul-23	05:36 18:33	09:03 15:28	Non-fishing	27.53 27.20		Non-fishing day						
Aug-31	Tue	Jul-24	05:36 18:32	09:48 16:31	Non-fishing	27.53 27.80	Off	Non-fishing day						