



JAPAN P&I NEWS

To the Members

**Stownet fishing season in Bisan Seto 2022 –
The expected navigable water area in the traffic lane during the peak season**

The Stownet fishing season starts from 1 February 2022 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)

The expected navigable water area in the traffic lane
during the peak season of Stownet-fishing
1 February, 2022 - 31 August, 2022
the expected area: west and east of Ogijima Island

Difficulty in navigation:
△-○-◎(maximum)

Date	Day	Lunar Calendar	Sunset Sunrise	The time of slack water between sunrise to sunset	Number of operating times	Water tem. (°C / 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			
1-Feb	Tue	1-Jan	07:01 17:34	11:04 17:20	2	9.63 8.8	Off	07:01 ~ 11:04	W	07:51	3.2			◎
								11:04 ~ 17:20	E	14:02	2.1			
2-Feb	Wed	2-Jan	07:00 17:35	11:45	2	9.67 8.8		07:00 ~ 11:45	W	08:35	3.3			◎
								11:45 ~ 17:35	E	14:44	2.2			
3-Feb	Thu	3-Jan	07:00 17:36	12:22	2	9.57 8.4		07:00 ~ 12:22	W	09:15	3.2			◎
								12:22 ~ 17:36	E	15:22	2.2			
4-Feb	Fri	4-Jan	06:59 17:37	12:56	2	9.53 8.4		06:59 ~ 12:56	W	09:54	3.0			◎
								12:56 ~ 17:37	E	15:55	2.2			
5-Feb	Sat	5-Jan	06:58 17:38	07:24 13:29	2	9.53 8.4	Off	07:24 ~ 13:29	W	10:30	2.7			○
								13:29 ~ 17:38	E	16:27	2.1			
6-Feb	Sun	6-Jan	06:57 17:39	08:00 13:59	3	9.6 8.5		06:57 ~ 08:00	E	04:35	2.1			△
								08:00 ~ 13:59	W	11:05	2.4			
7-Feb	Mon	7-Jan	06:57 17:40	08:35 14:30	3	9.6 8.7		13:59 ~ 17:39	E	16:59	2.0			△
								06:57 ~ 08:35	E	05:13	1.8			
8-Feb	Tue	8-Jan	06:56 17:41	9:10 15:04		9.6 8.7	Off	Non-fishing						
								Non-fishing						
9-Feb	Wed	9-Jan	06:54 17:42	9:51 15:43		9.43 8.5		Non-fishing						
								Non-fishing						
10-Feb	Thu	10-Jan	06:54 17:43	10:46 16:33	3	9.37 8.5	Off	06:54 ~ 10:46	E	07:43	0.9	Non-fishing		
								10:46 ~ 16:33	W	13:53	1.0			
11-Feb	Fri	11-Jan	06:53 17:44	12:02 17:39	2	9.33 8.5		16:33 ~ 17:43	E	19:55	1.4	Non-fishing		
								06:53 ~ 12:02	E	08:55	0.8			
12-Feb	Sat	12-Jan	06:52 17:45	7:39 13:35	2	9.37 8.6	Off	12:02 ~ 17:39	W	15:10	0.8			
								07:39 ~ 13:35	E	10:11	0.8			
13-Feb	Sun	13-Jan	06:51 17:46	08:38 14:51	3	9.47 8.7		13:35 ~ 17:45	W	16:34	0.8			
								06:51 ~ 08:38	W	05:25	1.8			
14-Feb	Fri	14-Jan	06:50 17:47	09:26 15:45	3	9.5 8.8		08:38 ~ 14:51	E	11:17	1.0			△
								14:51 ~ 17:46	W	17:41	1.0			
15-Feb	Tue	15-Jan	06:49 17:48	10:07 16:28	3	9.6 9.1	Off	06:50 ~ 09:26	W	06:18	2.1			△
								09:26 ~ 15:45	E	12:11	1.3			
16-Jan	Wed	16-Jan	06:48 17:49	10:44 17:03	2	9.6 8.9		15:45 ~ 17:47	W	18:33	1.3			○
								06:49 ~ 10:07	W	07:03	2.4			
17-Feb	Thu	17-Jan	06:47 17:50	11:19 17:35	2	9.4 8.6		10:07 ~ 16:28	E	12:54	1.6			△
								16:28 ~ 17:48	W	19:17	1.6			
18-Feb	Fri	18-Jan	06:46 17:50	11:51	2	9.07 8.1		08:48 ~ 10:44	W	07:42	2.6			○
								10:44 ~ 17:03	E	13:31	1.8			
19-Feb	Sat	19-Jan	06:45 17:51	12:22	2	9.23 8.3	Off	06:47 ~ 11:19	W	08:19	2.8			○
								11:19 ~ 17:35	E	14:04	2.0			
20-Feb	Sun	20-Jan	06:44 17:52	12:53	2	9.3 8.3		11:51 ~ 17:50	E	14:35	2.1			○
								08:45 ~ 12:22	W	09:29	2.7			
21-Feb	Mon	21-Jan	06:43 17:53	07:19 13:24	2	9.43 8.7		12:22 ~ 17:51	E	15:06	2.2			○
								06:44 ~ 12:53	W	10:01	2.5			
22-Feb	Tue	22-Jan	06:41 17:54	07:58 13:57	3	9.53 9	Off	07:19 ~ 13:24	W	10:35	2.3			△
								12:53 ~ 17:52	E	15:39	2.2			
23-Feb	Wed	23-Jan	06:40 17:55	08:43 14:35		9.67 9.3		06:41 ~ 07:58	E	04:36	2.0			
								07:58 ~ 13:57	W	11:11	1.9			
24-Feb	Thu	24-Jan	06:39 17:56	09:41 15:23		9.6 9.1		Non-fishing						
								Non-fishing						
25-Feb	Fri	25-Jan	06:38 17:57	11:04 16:31	3	9.63 9.1		06:38 ~ 11:04	E	07:51	1.0	Non-fishing		
								11:04 ~ 16:31	W	14:00	0.8			
26-Feb	Sat	26-Jan	06:37 17:58	06:54 12:59	2	9.77 9.2	Off	16:31 ~ 17:57	E	20:00	1.5	Non-fishing		
								06:54 ~ 12:59	E	09:34	0.9			
27-Feb	Sun	27-Jan	06:36 17:58	08:15 14:32	3	9.73 9.1		12:59 ~ 17:58	W	15:48	0.8			
								08:15 ~ 14:32	E	11:06	1.1			
28-Feb	Mon	28-Jan	06:34 17:59	09:15 15:32	3	9.7 9.1		08:36 ~ 08:15	W	04:52	1.9			△
								08:36 ~ 08:15	E	11:06	1.1			
								14:32 ~ 17:58	W	17:16	1.1			
								06:34 ~ 09:15	W	05:58	2.4			
								09:15 ~ 15:32	E	12:13	1.5			△
								15:32 ~ 17:59	W	18:17	1.6			

The expected navigable water area in the traffic lane
 during the peak season of Stownet-fishing
 1 February, 2022 - 31 August, 2022
 the expected area: west and east of Ogiijima Island

Difficulty in navigation:
 △→○→◎(maximum)

Date	Day	Lunar Calendar	Sunset Sunrise	The time of slack water between sunrise to sunset	Number of operating times	Water tem. (°C / last year)	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogiijima Island	East of Ogiijima Island	
										Time	Current speed			
1-Mar	Tue	29-Jan	06:33 18:00	10:02 16:17	3	9.73 9.2	Off	06:33 ~ 10:02 10:02 ~ 16:17 16:17 ~ 18:00	W E W	06:50 13:03 19:06	2.8 1.9 2.1			○
2-Mar	Wed	30-Jan	06:32 18:01	10:42 16:58	3	9.87 9.5		06:32 ~ 10:42 10:42 ~ 16:58 16:58 ~ 18:01	W E W	07:35 13:44 19:50	3.0 2.2 2.5			◎
3-Mar	Thu	1-Feb	06:31 18:02	11:18 17:34	2	9.87 9.2		06:31 ~ 11:18 11:18 ~ 17:34	W E	08:15 14:19	3.2 2.4			◎
4-Mar	Fri	2-Feb	06:29 18:03	11:50	2	9.9 9.4		06:29 ~ 11:50 11:50 ~ 18:03	W E	08:52 14:51	3.1 2.5			◎
5-Mar	Sat	3-Feb	06:28 18:04	12:20	2	9.97 9.6	Off	06:28 ~ 12:20 12:20 ~ 18:04	W E	09:27 15:19	2.9 2.5			○
6-Mar	Sun	4-Feb	06:27 18:04	06:59 12:48	2	10 9.7		06:59 ~ 12:48 12:48 ~ 18:04	W E	10:00 15:46	2.6 2.4			○
7-Mar	Mon	5-Feb	06:25 18:05	07:29 13:15	3	10.03 9.6		06:25 ~ 07:29 07:29 ~ 13:15 13:15 ~ 18:05	E W E	04:04 10:31 16:12	2.1 2.3 2.2			△
8-Mar	Tue	6-Feb	06:24 18:06	07:57 13:42	3	10 9.7	Off	06:24 ~ 07:57 07:57 ~ 13:42 13:42 ~ 18:06	E W E	04:34 11:01 16:40	1.8 1.9 2.1			
9-Mar	Wed	7-Feb	06:23 18:07	08:24 14:10	3	10.07 9.7		06:23 ~ 08:24 08:24 ~ 14:10 14:10 ~ 18:07	E W E	05:07 11:31 17:13	1.5 1.6 1.9			
10-Mar	Thu	8-Feb	06:22 18:08	08:58 14:44		10.17 9.8		Non-fishing						
11-Mar	Fri	9-Feb	06:20 18:08	09:46 15:29		10.27 9.9		Non-fishing						
12-Mar	Sat	10-Feb	06:19 18:09	11:05 16:37	3	10.3 9.9	Off	06:19 ~ 11:05 11:05 ~ 16:37 16:37 ~ 18:09	E W E	07:57 14:07 20:04	0.7 0.6 1.2	Non-fishing		
13-Mar	Sun	11-Feb	06:18 18:10	06:53 12:55	2	10.37 10		06:53 ~ 12:55 12:55 ~ 18:10	E W	09:27 15:55	0.8 0.6	Non-fishing		
14-Mar	Mon	12-Feb	06:16 18:11	08:02 14:22	3	10.33 10		06:16 ~ 08:02 08:02 ~ 14:22 14:22 ~ 18:11	W E W	04:49 10:44 17:14	1.5 1.0 1.0			
15-Mar	Tue	13-Feb	06:15 18:12	08:53 15:16	3	10.4 10.2	Off	06:15 ~ 08:53 08:02 ~ 15:16 15:16 ~ 18:12	W E W	05:49 11:42 18:10	1.9 1.4 1.4			
16-Mar	Wed	14-Feb	06:14 18:12	09:36 15:57	3	10.37 10.3		06:14 ~ 09:36 09:36 ~ 15:57 15:57 ~ 18:12	W E W	06:36 12:26 18:54	2.3 1.7 1.8			△
17-Mar	Thu	15-Feb	06:12 18:13	10:14 16:31	3	10.47 10.4		06:12 ~ 10:14 10:14 ~ 16:31 16:31 ~ 18:13	W E W	07:17 13:03 19:34	2.6 2.0 2.2			○
18-Mar	Fri	16-Feb	06:11 18:14	10:48 17:04	3	10.53 10.4		06:11 ~ 10:48 10:48 ~ 17:04 17:04 ~ 18:14	W E W	07:55 13:37 20:11	2.7 2.3 2.5			○
19-Mar	Sat	17-Feb	06:09 18:15	11:21 17:34	2	10.7 10.6	Off	06:09 ~ 11:21 11:21 ~ 17:34	W E	08:31 14:09	2.8 2.4			○
20-Mar	Sun	18-Feb	06:08 18:16	11:52 18:04	2	10.73 10.7	Off	06:08 ~ 11:52 11:52 ~ 18:04	W E	09:05 14:40	2.7 2.5			○
21-Mar	Mon	19-Feb	06:07 18:16	06:30 12:22	2	10.9 10.9		06:30 ~ 12:22 12:22 ~ 18:16	W E	09:39 15:12	2.4 2.5			△
22-Mar	Tue	20-Feb	06:05 18:17	07:06 12:53	3	10.97 10.8		06:05 ~ 07:06 07:06 ~ 12:53 12:53 ~ 18:17	E W E	03:39 10:13 15:46	2.3 2.1 2.4			△
23-Mar	Wed	21-Feb	06:04 18:18	07:45 13:25	3	10.97 10.8		06:04 ~ 07:45 07:45 ~ 13:25 13:25 ~ 18:18	E W E	04:20 10:49 16:24	2.0 1.8 2.2			
24-Mar	Thu	22-Feb	06:03 18:19	08:30 14:02	3	11.07 11.1		06:03 ~ 08:30 08:30 ~ 14:02 14:02 ~ 18:19	E W E	05:07 11:30 17:10	1.6 1.3 1.9			
25-Mar	Fri	23-Feb	06:01 18:19	09:30 14:50		11.13 11.1		Non-fishing						
26-Mar	Sat	24-Feb	06:00 18:20	11:05 16:07		11.2 11.2	Off	Non-fishing						
27-Mar	Sun	25-Feb	05:59 18:21	06:43 13:00	2	11.3 11.2		06:43 ~ 13:00 13:00 ~ 17:59	E W	09:36 15:40	0.9 0.7	Non-fishing		
28-Mar	Mon	26-Feb	05:57 18:22	07:59 14:17	2	11.47 11.4		05:57 ~ 07:59 07:59 ~ 14:17 14:17 ~ 18:22	W E W	04:35 10:59 17:03	1.8 1.2 1.2			
29-Mar	Tue	27-Feb	05:56 18:22	08:51 15:09	3	11.47 11.4	Off	05:56 ~ 08:51 08:51 ~ 15:09 15:09 ~ 18:22	W E W	05:39 11:55 18:00	2.2 1.6 1.8			△
30-Mar	Wed	28-Feb	05:54 18:23	09:33 15:50	3	11.57 11.6		05:54 ~ 09:33 09:33 ~ 15:50 15:50 ~ 18:23	W E W	06:29 12:37 18:47	2.6 2.0 2.3			○
31-Mar	Thu	29-Feb	05:53 18:24	10:10 16:28	3	11.63 11.7		05:53 ~ 10:10 10:10 ~ 16:28 16:28 ~ 18:24	W E W	07:11 13:13 19:28	2.8 2.3 2.7			○

The expected navigable water area in the traffic lane
 during the peak season of Stownet-fishing
 1 February, 2022 - 31 August, 2022
 the expected area: west and east of Ojijima Island

Difficulty in navigation:
 △→○→◎(maximum)

Date	Day	Lunar Calendar	Sunset Sunrise	The time of slack water between sunrise to sunset	Number of operating times	Water tem. (°C / last year)	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ojijima Island	East of Ojijima Island	
										Time	Current speed			
1-Apr	Fri	1-Mar	05:52 18:25	10:43 17:03	3	11.63 11.8		05:52 ~ 10:43	W	07:49	2.9			○
								10:43 ~ 17:03	E	13:45	2.5			
								17:03 ~ 18:25	W	20:06	3.0			
								05:50 ~ 11:13	W	08:24	2.9			
2-Apr	Sat	2-Mar	05:50 18:26	11:13 17:35	2	11.7 12	Off	11:13 ~ 17:35	E	14:14	2.6			○
								08:00 ~ 11:41	W	08:58	2.7			
								11:41 ~ 18:06	E	14:40	2.6			
3-Apr	Sun	3-Mar	05:49 18:26	06:00 11:41	2	11.87 12.3		08:00 ~ 11:41	W	08:58	2.7			○
								11:41 ~ 18:06	E	14:40	2.6			
4-Apr	Mon	4-Mar	05:48 18:27	06:31 12:08	2	11.93 12.4		08:31 ~ 12:08	W	09:29	2.4			△
								12:08 ~ 18:27	E	15:05	2.5			
5-Apr	Tue	5-Mar	05:46 18:28	06:58 12:33	3	11.97 12.3	Off	05:46 ~ 06:58	E	03:31	2.1			△
								06:58 ~ 12:33	W	09:58	2.1			
								12:33 ~ 18:28	E	15:29	2.4			
								05:45 ~ 07:22	E	03:58	1.8			
6-Apr	Wed	6-Mar	05:45 18:29	07:22 12:59	3	12.03 12.4		07:22 ~ 12:59	W	10:26	1.8			
								12:59 ~ 18:29	E	15:56	2.2			
								05:44 ~ 07:48	E	04:29	1.5			
7-Apr	Thu	7-Mar	05:44 18:29	07:48 13:26	3	12.17 12.4		07:48 ~ 13:26	W	10:54	1.5			
								13:26 ~ 18:29	E	16:27	2.0			
8-Apr	Fri	8-Mar	05:42 18:30	08:21 13:59		12.27 12.5		Non-fishing						
9-Apr	Sat	9-Mar	05:41 18:31	09:10 14:42		12.37 12.6	Off	Non-fishing						
10-Apr	Sun	10-Mar	05:40 18:32	10:28 15:52	3	12.4 12.6		05:40 ~ 10:28	E	07:10	0.8	Non-fishing		
								10:28 ~ 15:52	W	13:23	0.6			
								15:52 ~ 18:32	E	19:15	1.2			
11-Apr	Mon	11-Mar	05:38 18:32	05:59 12:13	3	12.4 12.6		05:59 ~ 12:13	E	08:42	0.8			
								12:13 ~ 17:35	W	15:11	0.6			
								17:35 ~ 18:32	E	20:48	1.1			
12-Apr	Tue	12-Mar	05:37 18:33	07:14 13:38	3	12.5 12.8	Off	05:37 ~ 07:14	W	04:03	1.4			
								07:14 ~ 13:38	E	10:03	1.1			
								13:38 ~ 18:33	W	16:39	1.0			
								05:36 ~ 08:10	W	05:11	1.8			
13-Apr	Wed	13-Mar	05:36 18:34	08:10 14:34	3	12.53 13		08:10 ~ 14:34	E	11:02	1.5			
								14:34 ~ 18:34	W	17:38	1.5			
								05:35 ~ 08:56	W	06:02	2.1			
14-Apr	Thu	14-Mar	05:35 18:35	08:56 15:17	3	12.53 13.1		08:56 ~ 15:17	E	11:48	1.9			△
								15:17 ~ 18:35	W	18:25	2.0			
								05:33 ~ 09:36	W	06:47	2.4			
								09:36 ~ 15:54	E	12:29	2.2			
15-Apr	Fri	15-Mar	05:33 18:35	09:36 15:54	3	12.67 13.1		15:54 ~ 18:35	W	19:07	2.5			○
								05:32 ~ 10:13	W	07:27	2.6			
								10:13 ~ 16:30	E	13:05	2.5			
16-Apr	Sat	16-Mar	05:32 18:36	10:13 16:30	3	12.8 13.2	Off	16:30 ~ 18:36	W	19:47	2.8			○
								05:31 ~ 10:48	W	08:05	2.6			
								10:48 ~ 17:04	E	13:40	2.6			
17-Apr	Sun	17-Mar	05:31 18:37	10:48 17:04	3	12.9 13.3		17:04 ~ 18:37	W	20:25	3.0			◎
								05:40 ~ 11:21	W	08:43	2.5			
								11:21 ~ 17:38	E	14:14	2.6			
18-Apr	Mon	18-Mar	05:30 18:38	05:40 11:21	3	13 13.3		17:38 ~ 18:38	W	21:03	3.1			◎
								06:19 ~ 11:53	W	09:19	2.2			
								11:53 ~ 18:14	E	14:48	2.6			
19-Apr	Tue	19-Mar	05:28 18:39	06:19 11:53	2	13.07 13.2	Off	05:27 ~ 06:59	E	03:28	2.2			△
								06:59 ~ 12:26	W	09:56	1.9			
								12:26 ~ 18:39	E	15:24	2.4			
20-Apr	Wed	20-Mar	05:27 18:39	06:59 12:26	3	13.33 13.5		05:26 ~ 07:41	E	04:11	1.8			
								07:41 ~ 13:02	W	10:35	1.5			
								13:02 ~ 18:40	E	16:04	2.2			
21-Apr	Thu	21-Mar	05:26 18:40	07:41 13:02	3	13.5 13.9		05:25 ~ 08:32	E	05:00	1.4			
								08:32 ~ 13:43	W	11:21	1.2			
								13:43 ~ 18:41	E	16:52	1.8			
22-Apr	Fri	22-Mar	05:25 18:41	08:32 13:43	3	13.5 14		Non-fishing						
23-Apr	Sat	23-Mar	05:24 18:42	09:39 14:39		13.6 14	Off	Non-fishing						
24-Apr	Sun	24-Mar	05:23 18:42	11:10 16:06		13.63 14		Non-fishing						
25-Apr	Mon	25-Mar	05:21 18:43	16:17 12:40	3	13.8 14.2		06:17 ~ 12:40	E	09:23	1.0	Non-fishing		
								12:40 ~ 17:57	W	15:23	0.9			
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26-Apr	Tue	26-Mar	05:20 18:44	07:23 13:45	3	14 14.2		05:20 ~ 07:23	W	04:07	1.7			
								07:23 ~ 13:45	E	10:30	1.3			
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27-Apr	Wed	27-Mar	05:19 18:45	08:13 14:34	3	14.03 14.2		05:19 ~ 08:13	W	05:10	2.0			△
								08:13 ~ 14:34	E	11:19	1.7			
								14:34 ~ 18:45	W	17:35	1.9			
28-Apr	Thu	28-Mar	05:18 18:46	08:53 15:16	3	14.2 14.4	Off	05:18 ~ 08:53	W	05:59	2.3			△
								08:53 ~ 15:16	E	12:00	2.1			
								15:16 ~ 18:46	W	18:21	2.4			
								05:17 ~ 09:30	W	06:41	2.4			
29-Apr	Fri	29-Mar	05:17 18:46	09:30 15:54	3	14.23 14.5		09:30 ~ 15:54	E	12:35	2.3			○
								15:54 ~ 18:46	W	19:02	2.8			
								05:16 ~ 10:03	W	07:19	2.5			
30-Apr	Sat	30-Mar	05:16 18:47	10:03 16:29	3	14.33 14.4	Off	10:03 ~ 16:29	E	13:07	2.5			◎
								16:29 ~ 18:47	W	19:40	3.0			
								05:16 ~ 10:03	W	07:19	2.5			

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 △→○→◎(maximum)

Date	Day	Lunar Calendar	Sunset Sunrise	The time of slack water between sunrise to sunset	Number of operating times	Water tem. (°C / last year)	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ojijima Island	East of Ojijima Island	
										Time	Current speed			
1-May	Sun	1-Apr	05:15 18:48	10:34 17:03	3	14.5 14.7		05:15 ~ 10:34	W	07:54	2.5			◎
								10:34 ~ 17:03	E	13:36	2.6			
								17:03 ~ 18:48	W	20:16	3.1			
2-May	Mon	2-Apr	05:14 18:49	05:34 11:03	3	14.57 14.7		05:34 ~ 11:03	W	08:28	2.3			◎
								11:03 ~ 17:33	E	14:03	2.6			
								17:33 ~ 18:49	W	20:50	3.0			
3-May	Tue	3-Apr	05:13 18:50	06:04 11:30	3	14.57 14.6	Off	06:04 ~ 11:30	W	08:59	2.1			○
								11:30 ~ 18:00	E	14:28	2.5			
								18:00 ~ 18:50	W	21:22	2.8			
4-May	Wed	4-Apr	05:12 18:50	06:31 11:57	3	14.7 14.9	Off	05:12 ~ 06:31	E	03:03	1.9			
								06:31 ~ 11:57	W	09:29	1.8			
								11:57 ~ 18:26	E	14:54	2.4			
5-May	Thu	5-Apr	05:11 18:51	06:57 12:24	3	14.87 15.1		05:11 ~ 06:57	E	03:30	1.7			
								06:57 ~ 12:24	W	09:58	1.6			
								12:24 ~ 18:51	E	15:22	2.2			
6-May	Fri	6-Apr	05:10 18:52	07:25 12:53	3	15 15.1		05:10 ~ 07:25	E	04:01	1.5			
								07:25 ~ 12:53	W	10:28	1.3			
								12:53 ~ 18:52	E	15:54	2.0			
7-May	Sat	7-Apr	05:09 18:53	08:00 13:29	3	15.1 15.3	Off	05:09 ~ 08:00	E	04:39	1.4			
								08:00 ~ 13:29	W	11:03	1.1			
								13:29 ~ 18:53	E	16:34	1.8			
8-May	Sun	8-Apr	05:08 18:53	08:51 14:16		15.2 15.4		Non-fishing						
9-May	Mon	9-Apr	05:07 18:54	10:01 15:25		15.33 15.3		Non-fishing						
10-May	Tue	10-Apr	05:06 18:55	11:25 17:01	3	15.5 15.5	Off	05:06 ~ 11:25	E	07:57	1.1	Non-fishing		
								11:25 ~ 17:01	W	14:24	0.8			
								17:01 ~ 18:55	E	20:09	1.2			
11-May	Wed	11-Apr	05:06 18:56	06:17 12:42	3	15.67 15.6		05:06 ~ 06:17	E	09:13	1.3			
								06:17 ~ 12:42	W	15:53	1.1			
								12:42 ~ 18:56	E	21:32	1.4			
12-May	Thu	12-Apr	05:05 18:57	07:18 13:42	3	15.87 15.6		05:05 ~ 07:18	W	04:22	1.6			
								07:18 ~ 13:42	E	10:15	1.6			
								13:42 ~ 18:57	W	16:59	1.6			
13-May	Fri	13-Apr	05:04 18:57	08:10 14:32	3	16.03 15.7		05:04 ~ 08:10	W	05:23	1.9			△
								08:10 ~ 14:32	E	11:06	2.0			
								14:32 ~ 18:57	W	17:53	2.2			
14-May	Sat	14-Apr	05:03 18:58	08:55 15:16	3	16.2 15.9	Off	05:03 ~ 08:55	W	06:13	2.1			○
								08:55 ~ 15:16	E	11:51	2.3			
								15:16 ~ 18:58	W	18:40	2.6			
15-May	Sun	15-Apr	05:02 18:59	09:36 15:58	3	16.43 16.2		05:02 ~ 09:36	W	06:59	2.2			◎
								09:36 ~ 15:58	E	12:33	2.5			
								15:58 ~ 18:59	W	19:23	3.0			
16-May	Mon	16-Apr	05:02 19:00	10:16 16:39	3	16.43 16.3		05:02 ~ 10:16	W	07:41	2.3			◎
								10:16 ~ 16:39	E	13:13	2.7			
								16:39 ~ 19:00	W	20:06	3.2			
17-May	Tue	17-Apr	05:01 19:00	05:28 10:53	3	16.73 16.9	Off	05:28 ~ 10:53	W	08:23	2.2			◎
								10:53 ~ 17:20	E	13:52	2.7			
								17:20 ~ 19:00	W	20:49	3.2			
18-May	Wed	18-Apr	05:00 19:01	06:12 11:31	3	16.83 16.9		05:00 ~ 06:12	E	03:23	2.0			◎
								06:12 ~ 11:31	W	09:45	1.8			
								11:31 ~ 18:02	E	14:31	2.6			
19-May	Thu	19-Apr	05:00 19:02	06:57 12:09	3	16.83 16.9		05:00 ~ 06:57	E	03:23	2.0			
								06:57 ~ 12:09	W	09:45	1.8			
								12:09 ~ 18:46	E	15:12	2.4			
20-May	Fri	20-Apr	04:59 19:02	07:45 12:51	3	16.87 17		04:59 ~ 07:45	E	04:11	1.7			
								07:45 ~ 12:51	W	10:29	1.5			
								12:51 ~ 19:02	E	15:57	2.1			
21-May	Sat	21-Apr	04:58 19:03	08:38 13:40	3	16.9 17	Off	04:58 ~ 08:38	E	05:05	1.4			
								08:38 ~ 13:40	W	11:19	1.2			
								13:40 ~ 19:03	E	16:50	1.8			
22-May	Sun	22-Apr	04:58 19:04	09:40 14:42	3	17 16.9		04:58 ~ 09:40	E	06:13	1.2			
								09:40 ~ 14:42	W	12:17	1.1			
								14:42 ~ 19:04	E	18:00	1.5			
23-May	Mon	23-Apr	04:57 19:05	10:50 16:06		17.27 17		Non-fishing						
24-May	Tue	24-Apr	04:57 19:05	05:32 11:59		17.4 17.2	Off	Non-fishing						
25-May	Wed	25-Apr	04:56 19:06	06:32 13:00	3	17.57 17.3		04:56 ~ 06:32	W	03:24	1.6	Non-fishing		
								06:32 ~ 13:00	E	09:43	1.5			
								13:00 ~ 19:01	W	16:03	1.5			
26-May	Thu	26-Apr	04:56 19:07	07:22 13:52	3	17.73 17.3		04:56 ~ 07:22	W	04:28	1.7			△
								07:22 ~ 13:52	E	10:33	1.7			
								13:52 ~ 19:07	W	17:02	2.0			
27-May	Fri	27-Apr	04:55 19:07	08:06 14:37	3	17.9 17.3		04:55 ~ 08:06	W	05:20	1.8			△
								08:06 ~ 14:37	E	11:15	2.0			
								14:37 ~ 19:07	W	17:51	2.4			
28-May	Sat	28-Apr	04:55 19:08	08:45 15:19	3	17.97 17.4	Off	04:55 ~ 08:45	W	06:06	2.0			○
								08:45 ~ 15:19	E	11:53	2.2			
								15:19 ~ 19:08	W	18:35	2.7			
29-May	Sun	29-Apr	04:54 19:09	09:22 15:57	3	18 17.6		04:54 ~ 09:22	W	06:47	2.0			○
								09:22 ~ 15:57	E	12:29	2.4			
								15:57 ~ 19:09	W	19:15	2.9			
30-May	Mon	1-May	04:54 19:09	09:56 16:32	3	18.43 18		04:54 ~ 09:56	W	07:25	2.0			○
								09:56 ~ 16:32	E	13:00	2.4			
								16:32 ~ 19:09	W	19:52	2.9			
31-May	Tue	2-May	04:54 19:10	05:11 10:29	3	18.3 18.2	Off	05:11 ~ 10:29	W	08:01	1.9			○
								10:29 ~ 17:04	E	13:30	2.4			
								17:04 ~ 19:10	W	20:27	2.9			

The expected navigable water area in the traffic lane
 during the peak season of Stownet-fishing
 1 February, 2022 - 31 August, 2022
 the expected area: west and east of Ojijima Island

Difficulty in navigation:
 △→○→◎(maximum)

Date	Day	Lunar Calendar	Sunset Sunrise	The time of slack water between sunrise to sunset	Number of operating times	Water tem. (°C / last year)	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ojijima Island	East of Ojijima Island	
										Time	Current speed			
1-Jun	Wed	3-May	04:53 19:11	05:44 11:00	3	18.47 18.5		05:44 ~ 11:00	W	08:35	1.8			○
								11:00 ~ 17:33	E	13:59	2.4			
								17:33 ~ 19:11	W	21:01	2.7			
2-Jun	Thu	4-May	04:53 19:11	06:14 11:30	3	18.7 18.6		04:53 ~ 06:14	E	02:41	1.7			
								06:14 ~ 11:30	W	09:08	1.6			
								11:30 ~ 18:00	E	14:27	2.3			
3-Jun	Fri	5-May	04:53 19:12	06:43 12:00	3	18.73 18.8		04:53 ~ 06:43	E	03:11	1.7			
								06:43 ~ 12:00	W	09:40	1.5			
								12:00 ~ 18:28	E	14:58	2.2			
4-Jun	Sat	6-May	04:53 19:12	07:13 12:34	3	18.8 18.6	Off	04:53 ~ 07:13	E	03:43	1.6			
								07:13 ~ 12:34	W	10:12	1.3			
								12:34 ~ 18:59	E	15:33	2.0			
5-Jun	Sun	7-May	04:52 19:13	07:49 13:13	3	18.97 18.5		04:52 ~ 07:49	E	04:21	1.5			
								07:49 ~ 13:13	W	10:49	1.2			
								13:13 ~ 19:13	E	16:41	1.8			
6-Jun	Mon	8-May	04:52 19:13	08:35 14:02		19.07 18.6		Non-fishing						
7-Jun	Tue	9-May	04:52 19:14	09:31 15:06		19.27 18.8	Off	Non-fishing						
8-Jun	Wed	10-May	04:52 19:14	10:35 16:28	3	19.4 19.1		04:52 ~ 10:35	E	07:11	1.4	Non-fishing		
								10:35 ~ 16:28	W	13:39	1.1			
								16:28 ~ 19:14	E	19:29	1.3			
9-Jun	Thu	11-May	04:52 19:15	05:18 11:43	3	19.63 19.4		05:18 ~ 11:43	E	08:20	1.5			
								11:43 ~ 17:57	W	15:00	1.3			
								17:57 ~ 19:15	E	20:50	1.4			
10-Jun	Fri	12-May	04:52 19:15	06:22 12:48	2	19.8 19.3		06:22 ~ 12:48	E	09:25	1.7			
								12:48 ~ 19:15	W	16:16	1.7			
11-Jun	Sat	13-May	04:52 19:16	07:20 13:47	3	19.87 19.4	Off	04:52 ~ 07:20	W	04:38	1.6			△
								07:20 ~ 13:47	E	10:23	2.0			
								13:47 ~ 19:16	W	17:19	2.2			
12-Jun	Sun	14-May	04:52 19:16	08:14 14:42	3	19.87 19.5		04:52 ~ 08:14	W	05:39	1.7			○
								08:14 ~ 14:42	E	11:16	2.2			
								14:42 ~ 19:16	W	18:15	2.6			
13-Jun	Mon	15-May	04:52 19:17	09:03 15:33	3	20.27 19.6		04:52 ~ 09:03	W	06:33	1.9			◎
								09:03 ~ 15:33	E	12:05	2.5			
								15:33 ~ 19:17	W	19:05	3.0			
14-Jun	Tue	16-May	04:52 19:17	09:49 16:22	3	20.33 19.8	Off	04:52 ~ 09:49	W	07:22	1.9			◎
								09:49 ~ 16:22	E	12:52	2.6			
								16:22 ~ 19:17	W	19:53	3.2			
15-Jun	Wed	17-May	04:52 19:17	05:20 10:33	3	20.37 20.1		05:20 ~ 10:33	W	08:08	2.0			◎
								10:33 ~ 17:10	E	13:38	2.6			
								17:10 ~ 19:17	W	20:38	3.3			
16-Jun	Thu	18-May	04:52 19:18	06:08 11:17	3	20.1 20.2		06:08 ~ 11:17	W	08:53	1.9			◎
								11:17 ~ 17:58	E	14:23	2.6			
								17:58 ~ 19:18	W	21:23	3.2			
17-Jun	Fri	19-May	04:52 19:18	06:55 12:03	3	20.17 20.2		04:52 ~ 06:55	E	03:25	2.0			
								06:55 ~ 12:03	W	09:38	1.8			
								12:03 ~ 18:45	E	15:10	2.4			
18-Jun	Sat	20-May	04:52 19:18	07:41 12:50	3	20.1 20.4	Off	04:52 ~ 07:41	E	04:14	1.8			
								07:41 ~ 12:50	W	10:23	1.7			
								12:50 ~ 19:18	E	15:58	2.2			
19-Jun	Sun	21-May	04:52 19:19	08:29 13:41	3	20.23 20.4		04:52 ~ 08:29	E	05:04	1.6			
								08:29 ~ 13:41	W	11:11	1.6			
								13:41 ~ 19:19	E	16:52	1.9			
20-Jun	Mon	22-May	04:52 19:19	09:18 14:41	3	20.5 20.5		04:52 ~ 09:18	E	05:57	1.5			
								09:18 ~ 14:41	W	12:03	1.5			
								14:41 ~ 19:19	E	17:53	1.6			
21-Jun	Tue	23-May	04:52 19:19	10:12 15:50		20.7 20.4	Off	Non-fishing						
22-Jun	Wed	24-May	04:53 19:19	11:08 17:08		20.63 20.4		Non-fishing						
23-Jun	Thu	25-May	04:53 19:19	05:29 12:06	3	21.07 20.7		05:29 ~ 12:06	E	08:45	1.6	Non-fishing		
								12:06 ~ 18:25	W	15:16	1.6			
								18:25 ~ 19:19	E	21:21	1.3			
24-Jun	Fri	26-May	04:53 19:20	06:21 13:03	3	21.03 21.1		04:53 ~ 06:21	W	03:34	1.4			
								06:21 ~ 13:03	E	09:37	1.7			
								13:03 ~ 19:20	W	16:21	1.8			
25-Jun	Sat	27-May	04:53 19:20	07:12 13:55	3	21.4 21.1	Off	04:53 ~ 07:12	W	04:35	1.4			△
								07:12 ~ 13:55	E	10:26	1.8			
								13:55 ~ 19:20	W	17:17	2.1			
26-Jun	Sun	28-May	04:54 19:20	07:59 14:43	3	21.37 21.1		04:54 ~ 07:59	W	05:29	1.5			△
								07:59 ~ 14:43	E	11:11	2.0			
								14:43 ~ 19:20	W	18:06	2.4			
27-Jun	Mon	29-May	04:54 19:20	08:43 15:27	3	21.63 21.1		04:54 ~ 08:43	W	06:17	1.5			○
								08:43 ~ 15:27	E	11:52	2.1			
								15:27 ~ 19:20	W	18:51	2.5			
28-Jun	Tue	30-May	04:54 19:20	09:24 16:07	3	21.57 21.4	Off	04:54 ~ 09:24	W	07:00	1.6			○
								09:24 ~ 16:07	E	12:30	2.2			
								16:07 ~ 19:20	W	19:31	2.7			
29-Jun	Wed	1-Jun	04:55 19:20	10:02 16:42	3	21.73 21.5		04:55 ~ 10:02	W	07:40	1.6			○
								10:02 ~ 16:42	E	13:05	2.2			
								16:42 ~ 19:20	W	20:08	2.7			
30-Jun	Thu	2-Jun	04:55 19:20	05:30 10:38	3	22 21.7		05:30 ~ 10:38	W	08:17	1.6			○
								10:38 ~ 17:15	E	13:38	2.2			
								17:15 ~ 19:20	W	20:44	2.7			

The expected navigable water area in the traffic lane
 during the peak season of Stownet-fishing
 1 February, 2022 - 31 August, 2022
 the expected area: west and east of Ojijima Island

Difficulty in navigation:
 △→○→◎(maximum)

Date	Day	Lunar Calendar	Sunset Sunrise	The time of slack water between sunrise to sunset	Number of operating times	Water tem. (°C / last year)	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ojijima Island	East of Ojijima Island	
										Time	Current speed			
1-Jul	Fri	3-Jun	04:56 19:20	06:03 11:13	3	22.2 21.8		06:03 ~ 11:13	W	08:53	1.6			○
								11:13 ~ 17:45	E	14:11	2.2			
								17:45 ~ 19:20	W	21:17	2.6			
2-Jul	Sat	4-Jun	04:56 19:20	06:33 11:48	3	21.93 22	Off	04:56 ~ 06:33	E	02:57	1.7			
								06:33 ~ 11:48	W	09:26	1.6			
								11:48 ~ 18:15	E	14:44	2.2			
3-Jul	Sun	5-Jun	04:56 19:20	07:02 12:24	3	21.97 22		04:56 ~ 07:02	E	03:29	1.7			
								07:02 ~ 12:24	W	10:00	1.5			
								12:24 ~ 18:47	E	15:21	2.1			
4-Jul	Mon	6-Jun	04:57 19:20	07:34 13:04	3	21.07 22		04:57 ~ 07:34	E	04:04	1.7			
								07:34 ~ 13:04	W	10:35	1.5			
								13:04 ~ 19:20	E	16:01	2.0			
5-Jul	Tue	7-Jun	04:57 19:20	08:11 13:51	3	22.03 22	Off	04:57 ~ 08:11	E	04:44	1.7	Non-fishing		
								08:11 ~ 13:51	W	11:15	1.5			
								13:51 ~ 19:20	E	16:48	1.9			
6-Jul	Wed	8-Jun	04:58 19:19	08:55 14:47		22 21.9		Non-fishing						
7-Jul	Thu	9-Jun	04:58 19:19	09:48 15:56		22.13 22.1		Non-fishing						
8-Jul	Fri	10-Jun	04:59 19:19	10:49 17:19	3	22.53 22.3		04:59 ~ 10:49	E	07:28	1.7	Non-fishing		
								10:49 ~ 17:19	W	14:09	1.5			
								17:19 ~ 19:19	E	20:08	1.3			
9-Jul	Sat	11-Jun	04:59 19:19	05:23 11:58	3	22.33 22.4	Off	05:23 ~ 11:58	E	08:35	1.7	Non-fishing		
								11:58 ~ 18:45	W	15:31	1.7			
								18:45 ~ 19:19	E	21:27	1.3			
10-Jul	Sun	12-Jun	05:00 19:19	06:30 13:08	3	22.37 22.3		05:00 ~ 06:30	W	03:53	1.2	Non-fishing		
								06:30 ~ 13:08	E	09:42	1.9			
								13:08 ~ 19:19	W	16:50	2.0			
11-Jul	Mon	13-Jun	05:01 19:18	07:36 14:16	3	22.4 22.4		05:01 ~ 07:36	W	05:10	1.3			○
								07:36 ~ 14:16	E	10:46	2.1			
								14:16 ~ 19:18	W	17:55	2.5			
12-Jul	Tue	14-Jun	05:01 19:18	08:36 15:18	3	22.67 22.6	Off	05:01 ~ 08:36	W	06:14	1.5			○
								08:36 ~ 15:18	E	11:45	2.3			
								15:18 ~ 19:18	W	18:52	2.8			
13-Jul	Wed	15-Jun	05:02 19:18	09:32 16:14	3	22.5 22.7		05:02 ~ 09:32	W	07:08	1.7			◎
								09:32 ~ 16:14	E	12:41	2.5			
								16:14 ~ 19:18	W	19:42	3.1			
14-Jul	Thu	16-Jun	05:02 19:17	05:13 10:23	3	22.57 22.8		05:13 ~ 10:23	W	07:58	1.9			◎
								10:23 ~ 17:06	E	13:33	2.6			
								17:06 ~ 19:17	W	20:29	3.3			
15-Jul	Fri	17-Jun	05:03 19:17	05:59 11:12	3	22.67 23		05:59 ~ 11:12	W	08:43	2.1			◎
								11:12 ~ 17:55	E	14:23	2.6			
								17:55 ~ 19:17	W	21:13	3.3			
16-Jul	Sat	18-Jun	05:04 19:16	06:24 11:59	3	22.83 23	Off	05:04 ~ 06:24	E	03:21	2.1			△
								06:24 ~ 11:59	W	09:28	2.2			
								11:59 ~ 18:41	E	15:10	2.6			
17-Jul	Sun	19-Jun	05:04 19:16	07:23 12:47	3	22.83 23	Off	05:04 ~ 07:23	E	04:02	2.1			△
								07:23 ~ 12:47	W	10:11	2.2			
								12:47 ~ 19:16	E	15:56	2.4			
18-Jul	Mon	20-Jun	05:05 19:15	08:03 13:35	3	23 23		05:05 ~ 08:03	E	04:42	2.0			△
								08:03 ~ 13:35	W	10:53	2.1			
								13:35 ~ 19:15	E	16:42	2.1			
19-Jul	Tue	21-Jun	05:06 19:15	08:43 14:25	3	23.03 23.4	Off	05:06 ~ 08:43	E	05:22	1.9			△
								08:43 ~ 14:25	W	11:38	2.0			
								14:25 ~ 19:15	E	17:29	1.8			
20-Jul	Wed	22-Jun	05:06 19:14	09:27 15:21	3	23.37 23.6		05:06 ~ 09:27	E	06:03	1.8	Non-fishing		
								09:27 ~ 15:21	W	12:25	1.8			
								15:21 ~ 19:14	E	18:21	1.5			
21-Jul	Thu	23-Jun	05:07 19:14	10:14 16:25		23.37 23.6		Non-fishing						
22-Jul	Fri	24-Jun	05:07 19:13	11:08 17:38		23.7 23.9		Non-fishing						
23-Jul	Sat	25-Jun	05:08 19:13	05:13 12:07	3	23.67 24.1	Off	05:13 ~ 12:07	E	08:35	1.6	Non-fishing		
								12:07 ~ 18:52	W	15:31	1.6			
								18:52 ~ 19:13	E	21:31	1.0			
24-Jul	Sun	26-Jun	05:09 19:12	06:12 13:08	3	23.7 24.2		05:09 ~ 06:12	W	03:41	1.0	Non-fishing		
								06:12 ~ 13:08	E	09:32	1.6			
								13:08 ~ 19:12	W	16:40	1.7			
25-Jul	Mon	27-Jun	05:10 19:11	07:12 14:07	3	23.87 24.2		05:10 ~ 07:12	W	04:50	1.0	Non-fishing		
								07:12 ~ 14:07	E	10:29	1.7			
								14:07 ~ 19:11	W	17:38	2.0			
26-Jul	Tue	28-Jun	05:10 19:11	08:09 14:59	3	23.97 24.2	Off	05:10 ~ 08:09	W	05:49	1.2			△
								08:09 ~ 14:59	E	11:20	1.8			
								14:59 ~ 19:11	W	18:28	2.2			
27-Jul	Wed	29-Jun	05:11 19:10	08:59 15:45	3	24.27 24.4		05:11 ~ 08:59	W	06:40	1.3			△
								08:59 ~ 15:45	E	12:06	1.9			
								15:45 ~ 19:10	W	19:11	2.4			
28-Jul	Thu	30-Jun	05:12 19:09	09:45 16:25	3	24.37 24.8		05:12 ~ 09:45	W	07:23	1.5			○
								09:45 ~ 16:25	E	12:48	2.0			
								16:25 ~ 19:09	W	19:50	2.6			
29-Jul	Fri	1-Jul	05:12 19:08	05:15 10:25	3	24.4 25		05:15 ~ 10:25	W	08:02	1.7			○
								10:25 ~ 17:01	E	13:25	2.1			
								17:01 ~ 19:08	W	20:26	2.7			
30-Jul	Sat	2-Jul	05:13 19:07	05:47 11:03	3	24.63 25.2	Off	05:47 ~ 11:03	W	08:38	1.8			○
								11:03 ~ 17:33	E	14:00	2.2			
								17:33 ~ 19:07	W	20:59	2.7			
31-Jul	Sun	3-Jul	05:14 19:07	06:15 11:39	3	24.8 25.5		06:15 ~ 11:39	W	09:11	1.8			○
								11:39 ~ 18:05	E	14:35	2.3			
								18:05 ~ 19:07	W	21:32	2.6			

The expected navigable water area in the traffic lane
 during the peak season of Stownet-fishing
 1 February, 2022 - 31 August, 2022
 the expected area: west and east of Ogjijima Island

Difficulty in navigation:
 △-○-◎(maximum)

Date	Day	Lunar Calendar	Sunset Sunrise	The time of slack water between sunrise to sunset	Number of operating times	Water tem. (°C / last year)	Trawl fishing	Bisan Seto tide table (operating time)				Non-fishing day		Difficulty
								Time	Current direction	Maximum current speed		West of Ogjijima Island	East of Ogjijima Island	
										Time	Current speed			
1-Aug	Mon	4-Jul	05:15 19:06	06:41 12:26	3	24.9 25.9		05:15 ~ 06:41	E	03:11	2.0			
								06:41 ~ 12:16	W	09:44	1.9			
								12:16 ~ 18:36	E	15:10	2.3			
2-Aug	Tue	5-Jul	05:15 19:05	07:09 12:55	3	25.17 26.3	Off	05:15 ~ 07:09	E	03:42	2.0			
								07:09 ~ 12:55	W	10:17	1.9			
								12:55 ~ 19:05	E	15:47	2.2			
3-Aug	Wed	6-Jul	05:16 19:04	07:40 13:38	3	25.07 25.7		05:16 ~ 07:40	E	04:17	2.0			
								07:40 ~ 13:38	W	10:53	1.9			
								13:38 ~ 19:04	E	16:29	2.0			
4-Aug	Thu	7-Jul	05:17 19:03	08:18 14:28	3	25.07 25.5		05:17 ~ 08:18	E	04:57	2.0	Non-fishing		
								08:18 ~ 14:28	W	11:34	1.9			
								14:28 ~ 19:03	E	17:17	1.8			
5-Aug	Fri	8-Jul	05:17 19:02	09:05 15:29		25.47 25.9		Non-fishing						
6-Aug	Sat	9-Jul	05:18 19:01	10:03 16:47		25.37 25.9	Off	Non-fishing						
7-Aug	Sun	10-Jul	05:19 19:00	11:15 18:22		25.37 25.8		Non-fishing						
8-Aug	Mon	11-Jul	05:20 18:59	05:45 12:39		25.7 25.9		Non-fishing						
9-Aug	Tue	12-Jul	05:20 18:58	07:09 14:01		25.6 25.6		Non-fishing						
10-Aug	Wed	13-Jul	05:21 18:57	08:23 15:11	3	25.73 25.4	Off	05:21 ~ 08:23	W	06:02	1.3		Non-fishing	○
								08:23 ~ 15:11	E	11:37	2.1			
								15:11 ~ 18:57	W	18:41	2.7			
11-Aug	Thu	14-Jul	05:22 18:56	09:24 16:09	3	25.87 25.6		05:22 ~ 09:24	W	06:58	1.8			◎
								09:24 ~ 16:09	E	12:39	2.4			
								16:09 ~ 18:56	W	19:30	3.1			
12-Aug	Fri	15-Jul	05:23 18:55	10:18 17:00	3	26.07 25.6		05:23 ~ 10:18	W	07:46	2.2			◎
								10:18 ~ 17:00	E	13:32	2.6			
								17:00 ~ 18:55	W	20:15	3.3			
13-Aug	Sat	16-Jul	05:23 18:54	05:39 11:07	3	26.17 25.6	Off	05:39 ~ 11:07	W	08:29	2.4			◎
								11:07 ~ 17:46	E	14:19	2.8			
								17:46 ~ 18:54	W	20:56	3.3			
14-Aug	Sun	17-Jul	05:24 18:53	06:17 11:52	3	26.07 25.6	Off	05:24 ~ 06:17	E	03:01	2.4			○
								06:17 ~ 11:52	W	09:11	2.6			
								11:52 ~ 18:28	E	15:02	2.7			
15-Aug	Mon	18-Jul	05:25 18:52	06:53 12:36	3	25.83 25.4	Off	05:25 ~ 06:53	E	03:35	2.4			○
								06:53 ~ 12:36	W	09:50	2.7			
								12:36 ~ 18:52	E	15:42	2.6			
16-Aug	Tue	19-Jul	05:25 18:51	07:29 13:18	3	25.73 25.4		05:25 ~ 07:29	E	04:08	2.3			○
								07:29 ~ 13:18	W	10:29	2.6			
								13:18 ~ 18:51	E	16:19	2.3			
17-Aug	Wed	20-Jul	05:26 18:50	08:04 14:02	3	26.07 25.4		05:26 ~ 08:04	E	04:39	2.2			△
								08:04 ~ 14:02	W	11:07	2.4			
								14:02 ~ 18:50	E	16:57	2.0			
18-Aug	Thu	21-Jul	05:27 18:49	08:40 14:47	3	26.07 25.3		05:27 ~ 08:40	E	05:11	2.0			△
								08:40 ~ 14:47	W	11:47	2.1			
								14:47 ~ 18:49	E	17:36	1.6			
19-Aug	Fri	22-Jul	05:28 18:47	09:20 15:39	3	26.07 25.2		05:28 ~ 09:20	E	05:48	1.8	Non-fishing		
								09:20 ~ 15:39	W	12:31	1.9			
								15:39 ~ 18:47	E	18:22	1.2			
20-Aug	Sat	23-Jul	05:28 18:46	10:07 16:43		25.9 25.1	Off	Non-fishing						
21-Aug	Sun	24-Jul	05:29 18:45	11:04 18:01		26.1 25.2		Non-fishing						
22-Aug	Mon	25-Jul	05:30 18:44	12:14		26.17 25.4		Non-fishing						
23-Aug	Tue	26-Jul	05:30 18:43	06:28 13:27		26.4 25.4	Off	Non-fishing						
24-Aug	Wed	27-Jul	05:31 18:41	07:41 14:31		26.43 25.5		Non-fishing						
25-Aug	Thu	28-Jul	05:32 18:40	08:41 15:23	3	26.5 25.6		05:32 ~ 08:41	W	06:20	1.2		Non-fishing	△
								08:41 ~ 15:23	E	11:47	1.7			
								15:23 ~ 18:40	W	18:48	2.2			
26-Aug	Fri	29-Jul	05:33 18:39	09:30 16:06	3	26.73 25.8		05:33 ~ 09:30	W	07:04	1.6			○
								09:30 ~ 16:06	E	12:33	1.9			
								16:06 ~ 18:39	W	19:28	2.5			
27-Aug	Sat	1-Aug	05:33 18:37	10:13 16:44	3	26.8 26	Off	05:33 ~ 10:13	W	07:42	1.9			○
								10:13 ~ 16:44	E	13:12	2.2			
								16:44 ~ 18:37	W	20:04	2.7			
28-Aug	Sun	2-Aug	05:34 18:36	10:52 17:19	3	26.8 26.3		05:34 ~ 10:52	W	08:18	2.1			○
								10:52 ~ 17:19	E	13:48	2.3			
								17:19 ~ 18:36	W	20:38	2.7			
29-Aug	Mon	3-Aug	05:35 18:35	05:47 11:29	3	26.8 26.4		05:47 ~ 11:29	W	08:51	2.3			○
								11:29 ~ 17:52	E	14:22	2.4			
								17:52 ~ 18:35	W	21:10	2.7			
30-Aug	Tue	4-Aug	05:35 18:34	06:12 12:05	3	26.87 26.6	Off	05:35 ~ 06:12	E	02:47	2.2			△
								06:12 ~ 12:05	W	09:23	2.4			
								12:05 ~ 18:23	E	14:56	2.4			
31-Aug	Wed	5-Aug	05:36 18:32	06:39 12:43	3	27.3 27.3		05:36 ~ 06:39	E	03:16	2.3			△
								06:39 ~ 12:43	W	09:56	2.4			
								12:43 ~ 18:32	E	15:32	2.3			