

CROSSING THE THAMES ESTUARY

60 fully explained routes and simplified passage planning tables

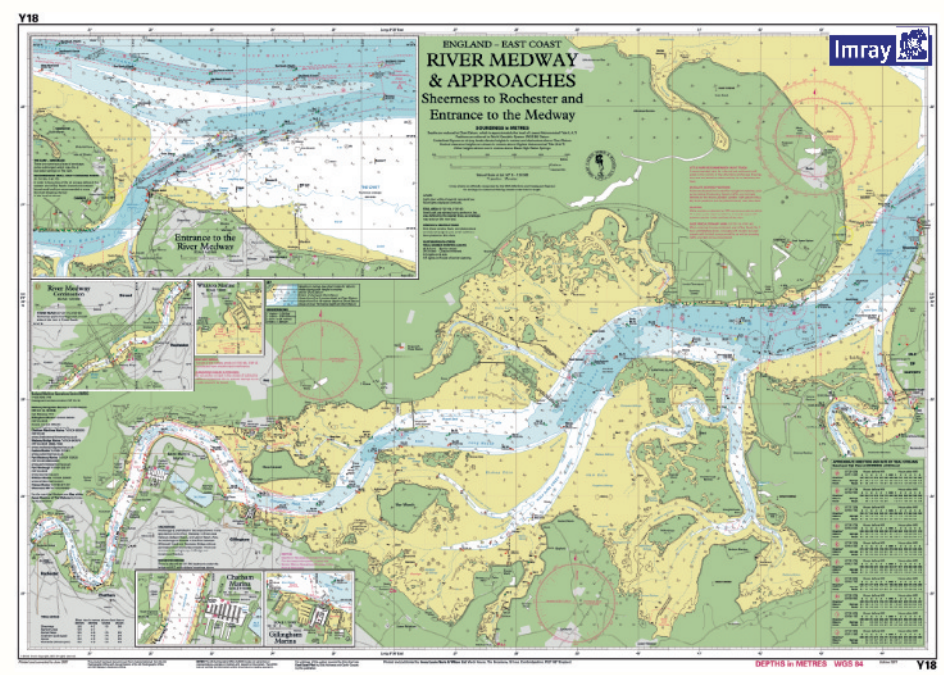
THIRD EDITION

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Departing berths: Ultimate destinations

Bonus supplement
The River Medway



How to get the benefit of the bonus Medway table!

The 'red and green' tables included in the Third Edition (CTTE3) are intended to provide data for the passages between Ramsgate and the Kent, Essex and Suffolk rivers (and between the rivers). The 'Landfall' waypoints for each river are at the entrance of each river, irrespective of your final destination. This is because, with the exception of the Medway, detailed tide data (e.g. rate and direction) ceases at the entrance of each river, and because there are many destinations in each river.

But the Medway does provide tide detail up to Rochester: also there are destinations up the Medway which are at least 13nm 'up river' to a berth, some as much as more than 13nm from the entrance of the Medway. Travelling up and down the Medway can, for example, add more than a third of the distance when on passage to Ramsgate.

Using the bonus table can help your passage plan. This explanation uses the example of CTTE Route 18 – Medway to Ramsgate via the Copperas Channel assuming 4 knots (speed through the water) on Springs. Let us assume your home berth is at the Medway Yacht Club (i.e. at Lower Upnor).

Leaving the Medway

The table shows the **BPST** (Best Predicted Start time) from the Medway Landfall Waypoint (CTTE3 Wpt #39) to Ramsgate is HW Sheerness giving a predicted passage time of 5 hours 54 minutes at 4 knots boat speed on Springs.

	-1.30	-1.00	-0.30	HW	0.30	1.00	1.30	2.00
79	74	68	61	59	57	60	62	
58	55	53	51	53	55	59	63	
64	63	63	64	65	67	71	74	
59	60	62	64	68	72	78	83	
53	55	57	60	64	67	72	97	
60	58	56	54	50	47	48	63	
+4.43	+5.05	+5.29	+5.54	-5.31	-4.55	-4.02	-2.38	
06:12	06:05	05:59	05:54	05:59	06:06	06:27	07:21	

Extract from Route 18 from CTTE3

The 'bonus' table will predict what time you should leave your berth at the Medway Yacht Club in order to arrive at the Medway Landfall Waypoint (#39) at HW. The bonus table has two rows from the departure location: first the duration from your berth to Wpt #39, the second is the Sheerness Tide time for your predicted ETA at Wpt #39.

You want to arrive at HW Sheerness at the Wpt #39 to match the **BPST**. Trace the second row from Lower Upnor (aka Medway YC) until you match the time closest to HW. Follow up the column: The top row time is the departure time (in 'Sheerness Time') viz: -4:30 before HW Sheerness and will take you (an unpleasant) 4 hours 27 minutes to complete the 11.67nm to the Medway Landfall Waypoint.

Sheerness Tide Time ⇄	-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	
From Sun Pier	Duration	4:34	4:47	4:54	4:58	4:59	4:58	4:58	4:50	4:43	4:36	4:28	4:21	4:11	4:01	3:50	3:40	3:26	3:18	3:05	2:52	2:39	2:28	2:16	2:07	1:57	1:51	1:42	1:37
	ETA	-1:29	-1:03	-0:43	-0:25	-0:06	+0:08	+0:18	+0:28	+0:36	+0:44	+0:53	+0:58	+1:01	+1:06	+1:13	+1:16	+1:23	+1:23	+1:28	+1:30	+1:35	+1:37	+1:40	+1:43	+1:53	+1:59	+2:05	+2:14
From Chatham Lock	Duration	3:59	4:13	4:26	4:34	4:38	4:39	4:38	4:37	4:30	4:23	4:16	4:09	4:02	3:53	3:41	3:33	3:22	3:10	3:00	2:48	2:35	2:23	2:11	1:59	1:49	1:40	1:35	1:27
	ETA	-2:08	-1:38	-1:10	-0:45	-0:28	-0:11	+0:05	+0:16	+0:26	+0:33	+0:41	+0:49	+0:55	+0:59	+1:05	+1:10	+1:15	+1:20	+1:23	+1:27	+1:30	+1:32	+1:36	+1:39	+1:43	+1:49	+1:55	+2:05
From Lower Upnor	Duration	3:46	3:58	4:11	4:20	4:26	4:27	4:27	4:26	4:24	4:16	4:10	4:02	3:55	3:47	3:37	3:29	3:18	3:08	2:56	2:45	2:33	2:21	2:09	1:57	1:48	1:39	1:33	1:26
	ETA	-2:20	-1:51	-1:23	-1:02	-0:39	-0:25	-0:06	+0:07	+0:18	+0:27	+0:34	+0:43	+0:51	+0:57	+1:01	+1:06	+1:13	+1:16	+1:20	+1:23	+1:28	+1:30	+1:34	+1:38	+1:42	+1:49	+1:55	+2:05

Extract from the Medway bonus 4 kt Table

But the 'bonus' table can show an alternative. Note that by starting at the Lower Upnor at -0:45 Sheerness, the passage to the Landfall Waypoint would only take 2 hour 21 minutes arriving at +1:30 Sheerness. Now look at the extract from CTTE3 table. Departing from Wpt #39 for Ramsgate starting at +1:30 after HW Sheerness would predict a passage to Ramsgate at 6 hours 27 minutes – only 33 minutes longer than the **BPST** for Route 18: a saving 2 hours 06 minutes in the Medway but costing 33 minutes from wpt #39 to Ramsgate. A nett saving of 1hr 33 minutes from home berth to Ramsgate! This is the benefit of the 'bonus' table! There are other permutations.

Entering the Medway

Working the 'bonus' table provides a similar benefit but note that it is 'worked' in reverse. Again with an example on 4 knots Springs, using Route 18 – Ramsgate to the Medway and planning to get to a mooring at the Medway YC.

The **BPST** for Route 18 at that speed and tide is starting at the Ramsgate Waypoint at +4:30 (Sheerness). The passage is predicted at 7hrs 01 minutes arriving at the Medway Landfall Waypoint (CTTE #39). Approach channel. To continue to a home berth at the Medway Yacht Club would be 11.67nm approx.

2.30	3.00	3.30	4.00	4.30	5.00	5.30	6.00
76	79	82	89	95	99	103	114
93	87	82	77	62	58	55	53
93	90	72	67	65	63	61	59
69	68	67	66	66	66	67	68
60	61	61	61	62	62	65	69
68	69	69	70	72	75	85	99
-1.51	-1.26	-1.17	-0.50	-0.28	+0.03	+0.46	+1.42
07:39	07:33	07:12	07:09	07:01	07:03	07:14	07:41

Now use the bonus Medway table to predict how long it will take to complete the passage departing at the Medway Landfall Waypoint at -0:28 (Sheerness).

From Wpt 39 - Sheerness Time	-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW		
To Queenborough ATL	Duration	1:03	1:00	0:58	0:58	0:57	0:56	0:56	0:56	0:56	0:57	0:57	0:58	0:58	0:59	0:59	1:00	1:01	1:03	1:02	1:01	1:02	1:05	1:13	1:21		
	ETA	-5:00	-4:47	-4:32	-4:18	-4:06	-3:50	-3:37	-3:20	-3:05	-2:49	-2:35	-2:19	-2:04	-1:48	-1:32	-1:17	-1:02	-0:45	-0:28	-0:14	+0:01	+0:16	+0:34	+0:56	+1:19	
To West Hoo	Duration	1:53	1:47	1:43	1:39	1:36	1:33	1:31	1:28	1:26	1:25	1:23	1:22	1:20	1:18	1:17	1:18	1:21	1:26	1:38	1:51	2:09	2:51	3:32	4:03		
	ETA	-4:11	-4:00	-3:49	-3:39	-3:26	-3:14	-3:03	-2:50	-2:38	-2:23	-2:08	-1:55	-1:42	-1:32	-1:17	-1:00	-0:45	-0:27	-0:06	+0:21	+0:49	+1:22	+2:19	+3:17	+4:04	
To Gillingham Marina	Duration	2:03	1:58	1:53	1:49	1:46	1:43	1:41	1:39	1:37	1:36	1:35	1:34	1:33	1:31	1:31	1:33	1:38	1:46	1:57	2:12	2:27	2:46	3:29	4:07	4:33	
	ETA	-4:02	-3:51	-3:39	-3:29	-3:16	-3:04	-2:54	-2:41	-2:28	-2:13	-1:59	-1:44	-1:30	-1:21	-1:03	-0:45	-0:26	-0:03	+0:24	+0:53	+1:23	+1:57	+2:56	+3:50	+4:33	
To Port Werburgh	Duration	2:05	1:59	1:55	1:51	1:48	1:45	1:43	1:41	1:40	1:39	1:38	1:37	1:36	1:35	1:35	1:40	1:47	1:58	2:10	2:26	2:42	3:02	3:45	4:20	4:43	
	ETA	-4:01	-3:50	-3:38	-3:28	-3:15	-3:03	-2:53	-2:40	-2:26	-2:11	-1:58	-1:42	-1:27	-1:18	-1:09	-0:59	-0:39	-0:18	+0:09	+0:37	+1:07	+1:38	+2:13	+3:11	+4:02	+4:43
To Lower Upnor	Duration	2:12	2:06	2:02	1:58	1:55	1:52	1:50	1:49	1:47	1:46	1:46	1:45	1:45	1:44	1:45	1:52	2:02	2:16	2:29	2:46	3:03	3:23	4:04	4:37	4:58	
	ETA	-3:55	-3:43	-3:31	-3:21	-3:08	-2:56	-2:46	-2:33	-2:19	-2:04	-1:51	-1:34	-1:19	-1:10	-0:50	-0:27	-0:03	+0:26	+0:55	+1:26	+1:58	+2:34	+3:30	+4:19	+4:57	

Extract from the Medway bonus 4 kt Table

Using the nearest start time of -0:30 (Sheerness), the bonus table predicts a completion of 4 hrs 04 minutes arriving at +3:30 (Sheerness). Now consider the extract from Route 18 above. If starting at Ramsgate at +2:30 (Sheerness), the passage to the Landfall Waypoint would take 7 hours 39 minutes arriving at -1:51 Sheerness – 38 minutes longer than the **BPST** but using the bonus table a nett 1 hr 10 minutes quicker overall!

Of course that is only one example so there are many permutations to suit you. These tables use tide data in the full force of the tide. If you have local knowledge to stay out of the main flow of adverse tide, times can of course be improved.

The bonus table provides data to and from:

- ✦ The Queenborough ATL
- ✦ West Hoo (for Whitton Marina [tidal])
- ✦ Gillingham Marina
- ✦ Port Werburgh
- ✦ Lower Upnor (for the Medway Yacht Club and Upnor Sailing Club)
- ✦ Chatham Lock (for Chatham Maritime Marina)
- ✦ Sun Pier (for Victory Moorings)

And of course there are different routes in CTTE 3 and departure and arrival times at the Medway Landfall Waypoint will vary.

Usual convention for colour:

Duration cells : red = adverse tide; green = beneficial tide; white = mid values
ETA cells : blue = flood tide; white = ebb tide

4 Knots

Leaving the Medway

If you are planning to use a CTTE route from the Medway to a destination (e.g. to the River Blackwater), using the Third Edition CTTE tables, select your intended start time at the Medway Landfall Waypoint. Then, using your home berth line (e.g. Lower Upnor for those at the Medway Yacht Club), find the closest ETA time that matches your intended Medway Landfall Waypoint departure time. The column will show the departure time at your home berth and how long it will take to arrive on time.

Springs

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00
From Sun Pier	Duration	4:34	4:47	4:54	4:58	4:59	4:58	4:58	4:50	4:43	4:36	4:28	4:21	4:11	4:01	3:50	3:40	3:26	3:18	3:05	2:52	2:39	2:28	2:16	2:07	1:57	1:51	1:42	1:37	1:32	1:27	1:27	1:28	1:30	1:33	1:40	1:46	1:57	2:07	2:13	2:23	2:36	2:50	3:04	3:20	3:37	3:50	4:04	4:16	4:31
	ETA	-1.29	-1.03	-0.43	-0.25	-0.06	+0.08	+0.18	+0.28	+0.36	+0.44	+0.53	+0.58	+1.01	+1.06	+1.13	+1.16	+1.23	+1.23	+1.28	+1.30	+1.35	+1.37	+1.40	+1.43	+1.53	+1.59	+2.05	+2.14	+2.23	+2.36	+2.50	+3.05	+3.19	+3.36	+4.04	+4.23	+4.52	+5.17	+5.35	+6.00	-5.31	-5.04	-4.34	-4.05	-3.30	-3.03	-2.31	-2.08	-1.36
From Chatham Lock	Duration	3:59	4:13	4:26	4:34	4:38	4:39	4:38	4:37	4:30	4:23	4:16	4:09	4:02	3:53	3:41	3:33	3:22	3:10	3:00	2:48	2:35	2:23	2:11	1:59	1:49	1:40	1:35	1:27	1:21	1:19	1:15	1:17	1:18	1:23	1:27	1:32	1:40	1:49	1:57	2:06	2:16	2:27	2:41	2:51	3:07	3:22	3:34	3:46	3:58
	ETA	-2.08	-1.38	-1.10	-0.45	-0.28	-0.11	+0.05	+0.16	+0.26	+0.33	+0.41	+0.49	+0.55	+0.59	+1.05	+1.10	+1.15	+1.20	+1.23	+1.27	+1.30	+1.32	+1.36	+1.39	+1.43	+1.49	+1.55	+2.05	+2.16	+2.23	+2.41	+2.56	+3.09	+3.31	+3.50	+4.11	+4.37	+5.00	+5.23	+5.46	-5.49	-5.27	-4.54	-4.31	-4.01	-3.30	-3.03	-2.35	-2.08
From Lower Upnor	Duration	3:46	3:58	4:11	4:20	4:26	4:27	4:27	4:24	4:16	4:10	4:02	3:55	3:47	3:37	3:29	3:18	3:08	2:56	2:45	2:33	2:21	2:09	1:57	1:48	1:39	1:33	1:26	1:21	1:18	1:14	1:15	1:17	1:21	1:25	1:31	1:39	1:48	1:55	2:03	2:13	2:23	2:34	2:45	2:57	3:13	3:22	3:33	3:45	
	ETA	-2.20	-1.51	-1.23	-1.02	-0.39	-0.25	-0.06	+0.07	+0.18	+0.27	+0.34	+0.43	+0.51	+0.57	+1.01	+1.06	+1.13	+1.16	+1.20	+1.23	+1.28	+1.30	+1.34	+1.38	+1.42	+1.49	+1.55	+2.05	+2.16	+2.23	+2.41	+2.54	+3.09	+3.29	+3.48	+4.11	+4.36	+4.58	+5.19	+5.44	-5.50	-5.29	-5.03	-4.36	-4.08	-3.36	-3.15	-2.50	-2.22
From Port Werburgh	Duration	3:26	3:37	3:46	3:56	4:04	4:08	4:10	4:10	4:09	4:07	4:00	3:53	3:45	3:39	3:30	3:21	3:12	3:01	2:52	2:41	2:30	2:17	2:08	1:55	1:44	1:36	1:30	1:23	1:18	1:14	1:10	1:11	1:13	1:17	1:21	1:26	1:32	1:41	1:47	1:54	2:02	2:11	2:21	2:30	2:39	2:50	3:04	3:14	3:25
	ETA	-2.39	-2.10	-1.49	-1.23	-1.02	-0.40	-0.26	-0.08	+0.06	+0.17	+0.26	+0.33	+0.42	+0.49	+0.57	+1.01	+1.06	+1.13	+1.16	+1.20	+1.23	+1.28	+1.30	+1.36	+1.40	+1.45	+1.53	+2.02	+2.11	+2.23	+2.36	+2.52	+3.05	+3.27	+3.46	+4.06	+4.29	+4.52	+5.13	+5.35	+5.58	-5.39	-5.13	-4.49	-4.28	-4.01	-3.31	-3.08	-2.39
From Gillingham Marina	Duration	3:15	3:24	3:32	3:40	3:49	3:54	3:57	3:58	3:58	3:54	3:46	3:39	3:32	3:24	3:17	3:08	2:57	2:47	2:38	2:26	2:15	2:04	1:53	1:43	1:35	1:29	1:22	1:17	1:13	1:09	1:11	1:15	1:19	1:24	1:31	1:39	1:46	1:52	2:00	2:07	2:16	2:23	2:30	2:41	2:54	3:03	3:14		
	ETA	-2.50	-2.24	-2.03	-1.39	-1.13	-0.55	-0.37	-0.22	-0.05	+0.08	+0.18	+0.27	+0.36	+0.43	+0.51	+0.58	+1.01	+1.07	+1.13	+1.17	+1.23	+1.27	+1.30	+1.34	+1.40	+1.44	+1.53	+2.02	+2.11	+2.23	+2.36	+2.50	+3.05	+3.25	+3.43	+4.04	+4.28	+4.52	+5.12	+5.34	+5.57	-5.44	-5.18	-4.55	-4.34	-4.08	-3.40	-3.15	-2.50
From West Hoo	Duration	2:41	2:50	2:57	3:03	3:07	3:13	3:19	3:23	3:27	3:26	3:25	3:23	3:15	3:08	3:01	2:54	2:46	2:37	2:27	2:17	2:08	1:58	1:47	1:38	1:30	1:22	1:17	1:12	1:08	1:06	1:05	1:08	1:11	1:15	1:19	1:25	1:30	1:36	1:41	1:45	1:51	1:56	2:02	2:07	2:11	2:21	2:32	2:42	
	ETA	-3.20	-2.58	-2.35	-2.14	-1.55	-1.36	-1.12	-0.54	-0.37	-0.22	-0.05	+0.08	+0.18	+0.27	+0.35	+0.44	+0.51	+0.58	+1.02	+1.08	+1.14	+1.18	+1.23	+1.30	+1.36	+1.41	+1.49	+2.00	+2.08	+2.21	+2.30	+2.47	+3.05	+3.23	+3.43	+4.02	+4.23	+4.41	+5.05	+5.24	+5.43	-5.56	-5.38	-5.15	-4.55	-4.36	-4.13	-3.45	-3.20
From Queenborough ATL	Duration	1:13	1:17	1:20	1:24	1:28	1:31	1:34	1:36	1:38	1:39	1:39	1:40	1:40	1:41	1:39	1:38	1:36	1:35	1:32	1:27	1:22	1:17	1:11	1:07	1:04	1:00	0:57	0:54	0:52	0:51	0:51	0:50	0:50	0:49	0:49	0:49	0:49	0:50	0:50	0:52	0:54	0:56	0:58	1:00	1:02	1:04	1:08	1:11	
	ETA	-4.49	-4.29	-4.12	-3.53	-3.34	-3.15	-2.58	-2.40	-2.23	-2.08	-1.51	-1.37	-1.21	-1.07	-0.52	-0.39	-0.24	-0.12	+0.01	+0.10	+0.21	+0.31	+0.41	+0.51	+1.02	+1.13	+1.26	+1.38	+1.52	+2.05	+2.20	+2.34	+2.50	+3.04	+3.19	+3.33	+3.46	+4.04	+4.19	+4.34	+4.52	+5.08	+5.26	+5.43	+5.58	-5.45	-5.27	-5.09	-4.52

Neaps

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00
From Sun Pier	Duration	3:53	4:00	4:06	4:11	4:12	4:13	4:13	4:12	4:10	4:07	4:02	3:59	3:53	3:48	3:42	3:37	3:30	3:21	3:12	3:03	2:55	2:46	2:38	2:31	2:27	2:22	2:18	2:15	2:11	2:09	2:08	2:07	2:10	2:14	2:19	2:25	2:33	2:39	2:46	2:52	2:58	3:05	3:11	3:18	3:25	3:31	3:38	3:46	3:53
	ETA	-2.13	-1.52	-1.31	-1.11	-0.54	-0.37	-0.23	-0.07	+0.04	+0.14	+0.27	+0.34	+0.47	+0.59	+1.06	+1.14	+1.21	+1.30	+1.37	+1.41	+1.47	+1.53	+2.00	+2.10	+2.21	+2.29	+2.42	+2.52	+3.03	+3.18	+3.30	+3.41	+4.01	+4.21	+4.41	+5.02	+5.29	+5.49	-5.52	-5.29	-5.10	-4.48	-4.29	-4.05	-3.40	-3.20	-2.59	-2.36	-2.14
From Chatham Lock	Duration	3:28	3:35	3:41	3:47	3:51	3:53	3:53	3:53	3:52	3:51	3:47	3:43	3:38	3:35	3:30	3:24	3:18	3:12	3:04	2:55	2:46	2:38	2:29	2:21	2:13	2:09	2:04	2:02	1:59	1:57	1:55	1:54	1:54	1:58	2:03	2:07	2:14	2:20	2:27	2:33	2:40	2:45	2:51	2:57	3:02	3:08	3:15	3:21	3:28
	ETA	-2.38	-2.16	-1.56	-1.34	-1.13	-1.00	-0.43	-0.26	-0.12	HW	+0.12	+0.24	+0.34	+0.43	+0.54	+1.04	+1.11	+1.20	+1.27	+1.34	+1.40	+1.45	+1.52	+1.57	+2.08	+2.16	+2.28	+2.52	+3.03	+3.18	+3.33	+3.45	+4.04	+4.29	+4.43	+5.09	+5.32	+5.53	-5.50	-5.25	-5.09	-4.45	-4.27	-4.05	-3.43	-3.20	-2.59	-2.38	
From Lower Upnor	Duration	3:18	3:24	3:30	3:35	3:40	3:43	3:43	3:43	3:43	3:42	3:39	3:36	3:31	3:28	3:23	3:17	3:12	3:06	2:59	2:51	2:42	2:33	2:25	2:17	2:11	2:06	2:02	1:59	1:57	1:54	1:53	1:53	1:57	2:01	2:05	2:12	2:17	2:22	2:29	2:34	2:39	2:45	2:49	2:54	3:01	3:05	3:11	3:18	
	ETA	-2.47	-2.25	-2.06	-1.46	-1.26	-1.09	-0.53	-0.35	-0.21	-0.07	+0.05	+0.14	+0.27	+0.35	+0.47	+0.59	+1.06	+1.15	+1.23	+1.30	+1.37	+1.43	+1.49	+1.56	+2.05	+2.16	+2.27	+2.38	+2.50	+3.03	+3.18	+3.33	+3.45	+4.04	+4.25	+4.43	+5.09	+5.29	+5.44	-5.52	-5.31	-5.13	-4.51	-4.31	-4.14	-3.47	-3.33	-3.13	-2.49
From Port Werburgh	Duration	3:01	3:07	3:12	3:17	3:22	3:25	3:28	3:28	3:28	3:26	3:24	3:21	3:16	3:12	3:07	3:02	2:57	2:51	2:43	2:35	2:27	2:19	2:11	2:05	2:00	1:56	1:52	1:50	1:48	1:46	1:46	1:46	1:49	1:52	1:57	2:02	2:07	2:12	2:17	2:22	2:26	2:32	2:37	2:41	2:46	2:51	2:55	3:01	
	ETA	-3.03	-2.43	-2.22	-2.02	-1.42	-1.25	-1.08	-0.51	-0.35	-0.21	-0.07	+0.05	+0.14	+0.27	+0.36	+0.47	+0.59	+1.06	+1.15	+1.24	+1.32	+1.37	+1.44	+1.52	+1.59	+2.11	+2.21	+2.32	+2.46	+2.57	+3.11	+3.26	+3.39	+3.49	+4.17	+4.37	+4.59	+5.18	+5.38	+5.58	-5.42	-5.23	-5.03	-4.45	-4.27	-4.05	-3.44	-3.22	-3.03
From Gillingham Marina	Duration	2:52	2:57	3:02	3:06	3:10	3:14	3:17	3:18	3:19	3:18	3:17	3:15	3:12	3:09	3:04	3:00	2:56	2:50	2:44	2:38	2:31	2:23	2:15	2:08	2:03	1:58	1:53	1:50	1:48	1:46	1:45	1:45	1:48	1:51	1:55	2:00	2:04	2:09	2:12	2:17	2:21	2:26	2:30	2:34	2:38	2:42	2:47	2:50	
	ETA	-3.13	-2.54	-2.31	-2.13	-1.55	-1.35	-1.17	-1.01	-0.45	-0.30	-0.16	-0.03	+0.09	+0.17	+0.31	+0.42	+0.50	+1.02	+1.11	+1.19	+1.27	+1.34	+1.40	+1.49	+1.56	+2.08	+2.20	+2.29	+2.44	+2.55	+3.11	+3.24	+3.39	+3.59	+4.15	+4.37	+4.57	+5.15	+5.36	+5.55	-5.48	-5.29	-5.09	-4.51	-4.31	-4.13	-3.53	-3.33	-3.19
From West Hoo	Duration	2:26																																																

5 Knots

Leaving the Medway

If you are planning to use a CTTE route from the Medway to a destination (e.g. to the River Blackwater), using the Third Edition CTTE tables, select your intended start time at the Medway Landfall Waypoint. Then, using your home berth line (e.g. Lower Upnor for those at the Medway Yacht Club), find the closest ETA time that matches your intended Medway Landfall Waypoint departure time. The column will show the departure time at your home berth and how long it will take to arrive on time.

Springs

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00
From Sun Pier	Duration	3:22	3:31	3:40	3:48	3:52	3:54	3:56	3:57	3:57	3:54	3:49	3:43	3:38	3:32	3:23	3:15	3:07	2:56	2:46	2:36	2:24	2:12	2:00	1:48	1:39	1:34	1:25	1:20	1:15	1:12	1:08	1:09	1:10	1:14	1:18	1:21	1:30	1:37	1:43	1:51	2:01	2:10	2:19	2:27	2:37	2:47	2:59	3:09	3:21
	ETA	-2:43	-2:21	-1:57	-1:33	-1:15	-1:00	-0:41	-0:23	-0:10	+0:03	+0:13	+0:23	+0:31	+0:39	+0:48	+0:53	+1:00	+1:07	+1:10	+1:14	+1:17	+1:20	+1:23	+1:28	+1:36	+1:38	+1:49	+1:57	+2:08	+2:18	+2:31	+2:47	+2:59	+3:21	+3:42	+3:57	+4:24	+4:46	+5:03	+5:32	+5:56	-5:41	-5:20	-4:56	-4:32	-4:05	-3:38	-3:13	-2:45
From Chatham Lock	Duration	2:57	3:08	3:18	3:27	3:33	3:36	3:38	3:39	3:39	3:40	3:37	3:32	3:26	3:20	3:14	3:07	2:58	2:50	2:42	2:31	2:20	2:07	1:56	1:43	1:33	1:23	1:18	1:11	1:06	1:04	1:00	1:00	1:02	1:05	1:08	1:11	1:16	1:25	1:32	1:38	1:45	1:54	2:04	2:11	2:18	2:29	2:36	2:46	2:57
	ETA	-3:09	-2:43	-2:17	-1:53	-1:33	-1:15	-1:00	-0:45	-0:26	-0:11	-0:01	+0:09	+0:21	+0:31	+0:39	+0:46	+0:53	+1:00	+1:04	+1:09	+1:13	+1:17	+1:20	+1:23	+1:27	+1:36	+1:39	+1:51	+2:02	+2:10	+2:23	+2:38	+2:53	+3:14	+3:33	+3:51	+4:09	+4:36	+4:56	+5:19	+5:38	-5:58	-5:31	-5:09	-4:51	-4:22	-4:00	-3:38	-3:09
From Lower Upnor	Duration	2:49	2:58	3:06	3:15	3:20	3:25	3:27	3:28	3:29	3:30	3:29	3:25	3:19	3:14	3:09	3:02	2:54	2:45	2:36	2:27	2:17	2:05	1:56	1:42	1:33	1:23	1:18	1:11	1:06	1:03	0:59	0:59	1:00	1:03	1:06	1:10	1:16	1:23	1:30	1:36	1:43	1:51	1:59	2:06	2:11	2:20	2:30	2:37	2:48
	ETA	-3:16	-2:52	-2:32	-2:03	-1:45	-1:26	-1:08	-0:54	-0:35	-0:21	-0:10	+0:05	+0:15	+0:24	+0:32	+0:39	+0:49	+0:56	+1:02	+1:08	+1:10	+1:15	+1:17	+1:23	+1:26	+1:35	+1:39	+1:51	+2:02	+2:10	+2:23	+2:38	+2:53	+3:14	+3:32	+3:51	+4:09	+4:33	+4:56	+5:15	+5:38	-6:00	-5:33	-5:15	-4:56	-4:32	-4:05	-3:46	-3:19
From Port Werburgh	Duration	2:34	2:42	2:50	2:57	3:03	3:08	3:12	3:14	3:15	3:15	3:16	3:15	3:10	3:05	3:00	2:55	2:47	2:39	2:31	2:23	2:13	2:02	1:51	1:40	1:29	1:21	1:14	1:08	1:03	1:00	0:57	0:56	0:57	1:00	1:03	1:07	1:11	1:18	1:24	1:29	1:35	1:42	1:49	1:55	2:01	2:06	2:16	2:23	2:32
	ETA	-3:30	-3:09	-2:45	-2:22	-2:00	-1:42	-1:25	-1:06	-0:51	-0:34	-0:19	-0:10	+0:07	+0:16	+0:24	+0:32	+0:43	+0:51	+0:56	+1:02	+1:08	+1:13	+1:17	+1:21	+1:26	+1:33	+1:38	+1:46	+2:00	+2:10	+2:22	+2:35	+2:51	+3:12	+3:29	+3:49	+4:04	+4:31	+4:49	+5:09	+5:32	+5:54	-5:46	-5:25	-5:04	-4:46	-4:17	-3:57	-3:33
From Gillingham Marina	Duration	2:24	2:33	2:39	2:45	2:51	2:56	3:00	3:03	3:04	3:05	3:06	3:06	3:03	2:58	2:53	2:48	2:41	2:35	2:27	2:19	2:09	1:59	1:49	1:39	1:29	1:20	1:13	1:07	1:03	0:59	0:56	0:54	0:56	0:58	1:01	1:05	1:10	1:17	1:23	1:27	1:33	1:39	1:45	1:51	1:55	2:00	2:07	2:15	2:24
	ETA	-3:40	-3:16	-2:54	-2:34	-2:11	-1:53	-1:33	-1:16	-1:00	-0:45	-0:30	-0:12	-0:01	+0:09	+0:20	+0:31	+0:39	+0:46	+0:53	+1:00	+1:07	+1:10	+1:15	+1:20	+1:24	+1:32	+1:38	+1:46	+2:00	+2:10	+2:22	+2:35	+2:51	+3:10	+3:26	+3:45	+4:04	+4:28	+4:49	+5:07	+5:31	+5:50	-5:49	-5:28	-5:09	-4:51	-4:28	-4:05	-3:40
From West Hoo	Duration	1:59	2:07	2:13	2:17	2:21	2:25	2:29	2:33	2:37	2:39	2:40	2:40	2:41	2:40	2:37	2:32	2:26	2:22	2:15	2:07	2:00	1:52	1:43	1:34	1:24	1:16	1:08	1:03	0:59	0:56	0:53	0:51	0:53	0:55	0:58	1:01	1:06	1:11	1:15	1:19	1:23	1:27	1:31	1:35	1:38	1:41	1:46	1:53	1:59
	ETA	-4:05	-3:40	-3:20	-3:00	-2:43	-2:21	-2:03	-1:44	-1:26	-1:08	-0:54	-0:37	-0:22	-0:10	+0:04	+0:14	+0:24	+0:32	+0:43	+0:51	+0:58	+1:04	+1:10	+1:15	+1:23	+1:28	+1:37	+1:43	+1:56	+2:08	+2:20	+2:33	+2:49	+3:07	+3:23	+3:42	+4:02	+4:24	+4:42	+5:01	+5:21	+5:38	+5:58	-5:41	-5:25	-5:06	-4:47	-4:25	-4:05
From Queenborough ATL	Duration	0:56	0:59	1:01	1:04	1:07	1:10	1:12	1:14	1:15	1:16	1:16	1:17	1:17	1:18	1:18	1:17	1:16	1:14	1:12	1:11	1:12	1:08	1:04	1:00	0:56	0:53	0:50	0:47	0:44	0:43	0:42	0:41	0:41	0:41	0:40	0:39	0:40	0:40	0:40	0:41	0:41	0:43	0:45	0:48	0:49	0:51	0:53	0:55	
	ETA	-5:04	-4:47	-4:30	-4:11	-3:54	-3:36	-3:19	-3:03	-2:46	-2:30	-2:15	-2:00	-1:44	-1:29	-1:13	-1:00	-0:44	-0:32	-0:18	-0:04	+0:07	+0:18	+0:28	+0:39	+0:52	+1:02	+1:15	+1:28	+1:40	+1:56	+2:10	+2:25	+2:38	+2:53	+3:09	+3:21	+3:38	+3:54	+4:06	+4:24	+4:40	+4:56	+5:14	+5:30	+5:48	-5:58	-5:41	-5:24	-5:06

Neaps

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00
From Sun Pier	Duration	2:59	3:04	3:10	3:13	3:17	3:19	3:20	3:21	3:21	3:21	3:19	3:17	3:15	3:12	3:08	3:03	2:59	2:53	2:46	2:38	2:30	2:21	2:12	2:06	2:01	1:57	1:52	1:49	1:46	1:43	1:42	1:41	1:42	1:44	1:49	1:52	1:59	2:04	2:08	2:15	2:19	2:23	2:28	2:33	2:36	2:42	2:47	2:53	2:59
	ETA	-3:07	-2:48	-2:25	-2:09	-1:51	-1:36	-1:17	-1:00	-0:45	-0:30	-0:15	-0:01	+0:10	+0:20	+0:31	+0:43	+0:53	+1:01	+1:09	+1:15	+1:22	+1:28	+1:36	+1:43	+1:55	+2:04	+2:19	+2:28	+2:36	+2:49	+3:06	+3:20	+3:33	+3:50	+4:14	+4:29	+4:53	+5:12	+5:31	+5:54	-5:50	-5:33	-5:09	-4:48	-4:35	-4:09	-3:48	-3:30	-3:09
From Chatham Lock	Duration	2:40	2:45	2:51	2:55	2:59	3:01	3:03	3:05	3:05	3:05	3:05	3:03	3:01	2:58	2:56	2:52	2:47	2:43	2:37	2:30	2:22	2:14	2:05	1:57	1:50	1:46	1:42	1:39	1:36	1:34	1:32	1:31	1:31	1:33	1:36	1:40	1:45	1:50	1:55	2:00	2:05	2:09	2:13	2:17	2:21	2:25	2:30	2:34	2:39
	ETA	-3:25	-3:07	-2:44	-2:25	-2:07	-1:51	-1:36	-1:17	-1:02	-0:45	-0:30	-0:16	-0:02	+0:10	+0:20	+0:31	+0:43	+0:53	+1:01	+1:09	+1:15	+1:22	+1:28	+1:36	+1:43	+1:55	+2:06	+2:19	+2:28	+2:40	+2:55	+3:12	+3:24	+3:44	+4:02	+4:20	+4:40	+5:02	+5:18	+5:41	-5:59	-5:45	-5:23	-5:03	-4:47	-4:26	-4:08	-3:48	-3:30
From Lower Upnor	Duration	2:32	2:38	2:42	2:46	2:50	2:53	2:55	2:56	2:57	2:57	2:56	2:56	2:54	2:52	2:49	2:46	2:42	2:37	2:32	2:25	2:18	2:10	2:01	1:54	1:48	1:44	1:40	1:37	1:34	1:32	1:30	1:30	1:30	1:32	1:35	1:38	1:43	1:48	1:52	1:56	2:01	2:04	2:09	2:12	2:15	2:19	2:23	2:27	2:32
	ETA	-3:36	-3:12	-2:54	-2:34	-2:17	-1:57	-1:42	-1:24	-1:07	-0:54	-0:37	-0:23	-0:10	+0:03	+0:15	+0:27	+0:36	+0:49	+0:56	+1:05	+1:15	+1:19	+1:28	+1:35	+1:41	+1:53	+2:04	+2:17	+2:28	+2:40	+2:53	+3:10	+3:24	+3:42	+4:02	+4:18	+4:39	+4:59	+5:16	+5:35	+5:58	-5:48	-5:27	-5:09	-4:51	-4:35	-4:12	-3:56	-3:36
From Port Werburgh	Duration	2:20	2:25	2:29	2:32	2:36	2:39	2:42	2:43	2:44	2:45	2:44	2:43	2:42	2:42	2:39	2:36	2:32	2:29	2:24	2:19	2:12	2:05	1:57	1:50	1:43	1:38	1:35	1:32	1:28	1:27	1:25	1:24	1:24	1:26	1:28	1:32	1:36	1:40	1:44	1:48	1:52	1:55	1:58	2:02	2:05	2:08	2:12	2:16	2:20
	ETA	-3:46	-3:25	-3:07	-2:47	-2:26	-2:11	-1:53	-1:37	-1:23	-1:04	-0:52	-0:36	-0:21	-0:06	+0:05	+0:16	+0:29	+0:40	+0:51	+0:59	+1:12	+1:15	+1:20	+1:30	+1:38	+1:50	+2:00	+2:12	+2:26	+2:42	+2:59	+3:24	+3:40	+4:02	+4:18	+4:39	+4:59	+5:16	+5:35	+5:58	-5:48	-5:37	-5:18	-5:00	-4:44	-4:23	-4:04	-3:46	
From Gillingham Marina	Duration	2:13	2:17	2:21	2:24	2:27	2:30	2:33	2:35	2:36	2:36	2:36	2:36	2:36	2:34	2:33	2:29	2:27	2:23	2:18	2:13	2:08	2:01	1:54	1:47	1:41	1:37	1:33	1:30	1:27	1:25	1:23	1:23	1:23	1:25	1:27	1:30	1:34	1:38	1:41	1:44	1:48	1:51	1:54	1:57	2:00	2:03	2:06	2:09	2:13
	ETA	-3:52	-3:32	-3:12	-2:56	-2:37	-2:19	-2:01	-1:47	-1:28	-1:13	-0:58	-0:44	-0:28	-0:14	-0:01	+0:12	+0:24	+0:34	+0:45	+0:55	+1:04	+1:13	+1:19	+1:28	+1:37	+1:47	+1:59	+2:10	+2:24	+2:34	+2:49	+3:01	+3:20	+3:37	+3:53	+4:10	+4:31	+4:49	+5:07	+5:27	+5:45	-5:57	-5:41	-5:23	-5:05	-4:			

6 Knots

Leaving the Medway

If you are planning to use a CTTE route from the Medway to a destination (e.g. to the River Blackwater), using the Third Edition CTTE tables, select your intended start time at the Medway Landfall Waypoint. Then, using your home berth line (e.g. Lower Upnor for those at the Medway Yacht Club), find the closest ETA time that matches your intended Medway Landfall Waypoint departure time. The column will show the departure time at your home berth and how long it will take to arrive on time.

Springs

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00
From Sun Pier	Duration	2:39	2:49	2:55	3:01	3:06	3:09	3:12	3:14	3:15	3:15	3:14	3:12	3:08	3:04	2:58	2:52	2:46	2:38	2:30	2:20	2:08	1:57	1:47	1:37	1:28	1:21	1:13	1:08	1:03	1:01	0:57	0:57	0:58	1:01	1:03	1:06	1:12	1:19	1:24	1:30	1:37	1:45	1:53	1:59	2:05	2:13	2:20	2:29	2:39
	ETA	-3:29	-3:03	-2:44	-2:23	-2:00	-1:42	-1:26	-1:08	-0:50	-0:35	-0:19	-0:07	+0:01	+0:12	+0:23	+0:31	+0:40	+0:47	+0:53	+0:57	+1:03	+1:09	+1:12	+1:16	+1:22	+1:27	+1:36	+1:44	+1:58	+2:03	+2:20	+2:35	+2:47	+3:10	+3:28	+3:44	+4:06	+4:27	+4:46	+5:11	+5:29	+5:51	-5:42	-5:22	-5:05	-4:40	-4:18	-3:55	-3:29
From Chatham Lock	Duration	2:22	2:30	2:38	2:44	2:50	2:53	2:56	2:58	2:59	3:00	3:00	2:59	2:57	2:53	2:48	2:43	2:37	2:31	2:23	2:13	2:05	1:53	1:42	1:32	1:22	1:13	1:08	1:01	0:56	0:54	0:51	0:49	0:50	0:53	0:55	0:58	1:02	1:09	1:15	1:20	1:26	1:33	1:41	1:47	1:51	1:58	2:05	2:12	2:20
	ETA	-3:43	-3:22	-2:57	-2:38	-2:17	-1:59	-1:41	-1:22	-1:07	-0:50	-0:35	-0:19	-0:07	+0:01	+0:14	+0:24	+0:32	+0:41	+0:47	+0:53	+0:57	+1:03	+1:09	+1:13	+1:16	+1:23	+1:28	+1:38	+1:50	+2:00	+2:14	+2:29	+2:42	+3:04	+3:20	+3:37	+3:58	+4:18	+4:38	+5:00	+5:21	+5:40	-5:55	-5:33	-5:18	-4:51	-4:32	-4:10	-3:48
From Lower Upnor	Duration	2:14	2:22	2:28	2:35	2:40	2:44	2:47	2:49	2:50	2:51	2:52	2:52	2:50	2:46	2:42	2:38	2:32	2:26	2:19	2:11	2:02	1:52	1:41	1:30	1:21	1:12	1:07	1:00	0:56	0:54	0:51	0:48	0:49	0:52	0:54	0:57	1:02	1:08	1:13	1:18	1:24	1:31	1:37	1:43	1:47	1:52	1:59	2:05	2:14
	ETA	-3:53	-3:29	-3:10	-2:46	-2:25	-2:05	-1:49	-1:32	-1:14	-0:58	-0:42	-0:27	-0:16	-0:03	+0:08	+0:18	+0:29	+0:37	+0:45	+0:51	+0:55	+1:02	+1:07	+1:12	+1:17	+1:23	+1:28	+1:38	+1:50	+2:00	+2:14	+2:29	+2:42	+3:02	+3:20	+3:37	+3:58	+4:18	+4:38	+4:56	+5:19	+5:40	-5:59	-5:38	-5:21	-4:58	-4:38	-4:17	-3:53
From Port Werburgh	Duration	2:02	2:10	2:16	2:22	2:26	2:30	2:34	2:36	2:38	2:39	2:39	2:40	2:40	2:37	2:34	2:30	2:25	2:19	2:13	2:06	1:58	1:49	1:39	1:28	1:18	1:11	1:04	0:57	0:54	0:51	0:48	0:46	0:47	0:49	0:52	0:54	0:58	1:03	1:09	1:13	1:18	1:23	1:30	1:35	1:38	1:42	1:48	1:54	2:01
	ETA	-4:02	-3:37	-3:17	-2:58	-2:38	-2:22	-2:00	-1:42	-1:28	-1:09	-0:56	-0:39	-0:24	-0:10	HW	+0:11	+0:22	+0:31	+0:40	+0:47	+0:53	+0:57	+1:03	+1:10	+1:15	+1:21	+1:27	+1:38	+1:48	+2:00	+2:14	+2:27	+2:40	+3:00	+3:16	+3:34	+3:55	+4:13	+4:34	+4:54	+5:15	+5:33	+5:56	-5:44	-5:28	-5:09	-4:46	-4:26	-4:05
From Gillingham Marina	Duration	1:55	2:02	2:08	2:13	2:20	2:24	2:27	2:29	2:30	2:31	2:32	2:32	2:30	2:28	2:24	2:20	2:15	2:08	2:03	1:55	1:46	1:37	1:27	1:18	1:10	1:03	0:57	0:53	0:50	0:47	0:44	0:46	0:48	0:51	0:53	0:57	1:03	1:07	1:12	1:16	1:22	1:26	1:31	1:34	1:37	1:42	1:48	1:54	
	ETA	-4:08	-3:48	-3:26	-3:06	-2:47	-2:30	-2:11	-1:52	-1:35	-1:18	-1:02	-0:47	-0:30	-0:18	-0:06	+0:06	+0:17	+0:27	+0:36	+0:44	+0:51	+0:55	+1:02	+1:10	+1:14	+1:21	+1:27	+1:38	+1:48	+2:00	+2:14	+2:22	+2:40	+3:00	+3:16	+3:34	+3:55	+4:13	+4:32	+4:51	+5:13	+5:33	+5:51	-5:47	-5:30	-5:10	-4:51	-4:32	-4:10
From West Hoo	Duration	1:36	1:41	1:47	1:50	1:53	1:56	1:59	2:02	2:06	2:07	2:09	2:10	2:10	2:11	2:10	2:08	2:05	2:01	1:56	1:51	1:45	1:38	1:31	1:22	1:14	1:07	0:58	0:54	0:50	0:47	0:45	0:42	0:44	0:46	0:48	0:50	0:54	0:58	1:01	1:05	1:08	1:11	1:15	1:18	1:21	1:23	1:25	1:30	1:36
	ETA	-4:26	-4:08	-3:46	-3:27	-3:10	-2:53	-2:34	-2:16	-1:56	-1:41	-1:25	-1:07	-0:54	-0:36	-0:20	-0:07	+0:01	+0:14	+0:25	+0:34	+0:43	+0:50	+0:56	+1:05	+1:13	+1:18	+1:27	+1:35	+1:46	+2:00	+2:11	+2:22	+2:40	+2:58	+3:16	+3:32	+3:53	+4:10	+4:27	+4:47	+5:07	+5:23	+5:42	-5:59	-5:42	-5:26	-5:09	-4:48	-4:27
From Queenborough ATL	Duration	0:46	0:48	0:50	0:52	0:54	0:56	0:58	1:00	1:01	1:01	1:02	1:02	1:03	1:03	1:04	1:04	1:03	1:02	1:01	1:01	0:58	0:55	0:51	0:47	0:45	0:42	0:39	0:37	0:36	0:35	0:34	0:34	0:33	0:33	0:33	0:33	0:33	0:33	0:33	0:34	0:36	0:37	0:39	0:40	0:41	0:42	0:43	0:45	
	ETA	-5:14	-4:59	-4:41	-4:25	-4:07	-3:52	-3:33	-3:16	-3:00	-2:45	-2:30	-2:13	-1:59	-1:44	-1:28	-1:13	-0:59	-0:43	-0:30	-0:16	-0:03	+0:08	+0:19	+0:31	+0:44	+0:53	+1:10	+1:19	+1:35	+1:48	+2:02	+2:18	+2:31	+2:47	+3:02	+3:16	+3:31	+3:48	+4:01	+4:18	+4:33	+4:47	+5:05	+5:23	+5:37	+5:55	-5:49	-5:34	-5:16

Neaps

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00	
From Sun Pier	Duration	2:25	2:30	2:34	2:38	2:41	2:43	2:45	2:46	2:47	2:47	2:46	2:45	2:44	2:41	2:38	2:34	2:30	2:25	2:18	2:11	2:02	1:54	1:48	1:43	1:40	1:35	1:32	1:29	1:26	1:25	1:23	1:24	1:26	1:29	1:32	1:37	1:41	1:45	1:50	1:54	1:57	2:01	2:04	2:08	2:12	2:16	2:20	2:25		
	ETA	-3:40	-3:24	-3:02	-2:45	-2:28	-2:10	-1:50	-1:35	-1:19	-1:04	-0:49	-0:35	-0:21	-0:09	+0:03	+0:15	+0:27	+0:38	+0:46	+0:55	+1:04	+1:13	+1:19	+1:26	+1:38	+1:43	+1:59	+2:09	+2:18	+2:34	+2:48	+3:02	+3:16	+3:34	+3:55	+4:09	+4:29	+4:50	+5:06	+5:31	+5:47	-5:57	-5:38	-5:20	-5:02	-4:41	-4:20	-4:04	-3:40	
From Chatham Lock	Duration	2:10	2:15	2:19	2:23	2:26	2:29	2:31	2:32	2:33	2:33	2:33	2:33	2:33	2:31	2:29	2:27	2:24	2:20	2:16	2:11	2:03	1:56	1:48	1:40	1:34	1:30	1:27	1:23	1:21	1:19	1:16	1:15	1:17	1:19	1:22	1:26	1:30	1:35	1:39	1:43	1:46	1:49	1:52	1:55	1:59	2:02	2:06	2:10		
	ETA	-3:55	-3:35	-3:18	-2:57	-2:38	-2:22	-2:04	-1:48	-1:34	-1:18	-1:02	-0:46	-0:33	-0:18	-0:05	+0:06	+0:19	+0:31	+0:40	+0:48	+0:57	+1:04	+1:14	+1:19	+1:30	+1:38	+1:46	+2:02	+2:15	+2:20	+2:40	+2:54	+3:09	+3:24	+3:45	+4:02	+4:20	+4:40	+4:58	+5:17	+5:38	+5:56	-5:46	-5:29	-5:14	-4:53	-4:33	-4:17	-4:00	
From Lower Upnor	Duration	2:04	2:09	2:12	2:16	2:19	2:21	2:23	2:25	2:26	2:26	2:26	2:26	2:25	2:24	2:21	2:19	2:15	2:12	2:06	2:00	1:52	1:46	1:38	1:32	1:28	1:25	1:22	1:19	1:17	1:15	1:14	1:14	1:16	1:18	1:21	1:24	1:28	1:32	1:36	1:40	1:43	1:46	1:48	1:51	1:54	1:57	2:00	2:04		
	ETA	-4:03	-3:40	-3:24	-3:02	-2:45	-2:32	-2:14	-1:57	-1:38	-1:24	-1:12	-0:53	-0:40	-0:24	-0:12	+0:03	+0:13	+0:25	+0:36	+0:46	+0:54	+1:04	+1:11	+1:18	+1:27	+1:38	+1:46	+2:00	+2:15	+2:20	+2:40	+2:52	+3:09	+3:24	+3:43	+4:02	+4:20	+4:38	+4:56	+5:15	+5:36	+5:52	-5:48	-5:33	-5:17	-4:56	-4:40	-4:20	-4:03	
From Port Werburgh	Duration	1:54	1:58	2:01	2:05	2:08	2:10	2:12	2:14	2:15	2:16	2:16	2:16	2:16	2:14	2:13	2:11	2:07	2:04	2:00	1:55	1:48	1:41	1:34	1:28	1:23	1:21	1:17	1:15	1:13	1:11	1:10	1:10	1:11	1:13	1:15	1:18	1:22	1:25	1:29	1:32	1:35	1:38	1:40	1:42	1:45	1:48	1:51	1:54		
	ETA	-4:10	-3:52	-3:35	-3:15	-2:57	-2:38	-2:22	-2:04	-1:50	-1:34	-1:19	-1:03	-0:47	-0:34	-0:19	-0:06	+0:03	+0:19	+0:31	+0:40	+0:48	+0:57	+1:05	+1:11	+1:15	+1:22	+1:26	+1:32	+1:41	+1:59	+2:09	+2:18	+2:38	+2:50	+3:04	+3:22	+3:39	+3:58	+4:15	+4:34	+4:50	+5:08	+5:28	+5:45	-5:57	-5:40	-5:25	-5:05	-4:47	-4:28
From Gillingham Marina	Duration	1:48	1:52	1:55	1:58	2:01	2:03	2:05	2:07	2:08	2:09	2:09	2:10	2:09	2:09	2:08	2:07	2:05	2:02	1:59	1:55	1:50	1:44	1:39	1:32	1:26	1:22	1:19	1:15	1:13	1:11	1:09	1:09	1:09	1:10	1:12	1:14	1:17	1:21	1:23	1:26	1:29	1:32	1:34	1:36	1:38	1:41	1:43	1:46	1:48	
	ETA	-4:17	-4:00	-3:39	-3:23	-3:02	-2:45	-2:30	-2:14	-1:57	-1:39	-1:24	-1:12	-0:54	-0:40	-0:25	-0:14	+0:03	+0:12	+0:24	+0:36	+0:46	+0:54	+1:04	+1:14	+1:22	+1:34	+1:42	+1:58	+2:08	+2:18	+2:36	+2:50	+3:04	+3:22	+3:39	+3:55	+4:13	+4:34	+4:50	+5:06	+5:26	+5:43	-5:59	-5:42	-5:27	-5:09	-4:53	-4:33</		

7 Knots

Leaving the Medway

If you are planning to use a CTTE route from the Medway to a destination (e.g. to the River Blackwater), using the Third Edition CTTE tables, select your intended start time at the Medway Landfall Waypoint. Then, using your home berth line (e.g. Lower Upnor for those at the Medway Yacht Club), find the closest ETA time that matches your intended Medway Landfall Waypoint departure time. The column will show the departure time at your home berth and how long it will take to arrive on time.

Springs

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00
From Sun Pier	Duration	2:13	2:21	2:28	2:33	2:36	2:39	2:42	2:44	2:45	2:45	2:45	2:45	2:43	2:41	2:37	2:33	2:27	2:21	2:15	2:07	1:59	1:47	1:37	1:26	1:20	1:12	1:04	0:59	0:55	0:53	0:49	0:48	0:48	0:51	0:53	0:56	1:01	1:06	1:11	1:16	1:22	1:28	1:35	1:41	1:45	1:50	1:56	2:03	2:12
	ETA	-3:52	-3:28	-3:07	-2:47	-2:32	-2:15	-1:53	-1:38	-1:19	-1:04	-0:50	-0:35	-0:24	-0:14	+0:02	+0:10	+0:21	+0:31	+0:39	+0:45	+0:51	+0:55	+1:01	+1:07	+1:11	+1:18	+1:27	+1:37	+1:48	+1:56	+2:13	+2:23	+2:36	+2:58	+3:16	+3:32	+3:55	+4:15	+4:32	+4:56	+5:16	+5:34	+5:59	-5:40	-5:22	-5:03	-4:41	-4:18	-3:55
From Chatham Lock	Duration	1:58	2:06	2:12	2:19	2:23	2:26	2:28	2:30	2:31	2:32	2:32	2:33	2:32	2:30	2:28	2:24	2:20	2:14	2:08	2:01	1:52	1:43	1:33	1:23	1:13	1:06	1:00	0:52	0:49	0:47	0:44	0:42	0:42	0:45	0:47	0:49	0:52	0:58	1:03	1:07	1:13	1:18	1:25	1:30	1:34	1:38	1:44	1:49	1:58
	ETA	-4:06	-3:45	-3:25	-3:00	-2:42	-2:26	-2:09	-1:50	-1:34	-1:16	-1:02	-0:46	-0:33	-0:19	-0:10	+0:01	+0:11	+0:23	+0:32	+0:40	+0:46	+0:51	+0:56	+1:03	+1:09	+1:15	+1:19	+1:32	+1:42	+1:53	+2:08	+2:19	+2:32	+2:53	+3:10	+3:27	+3:47	+4:06	+4:26	+4:46	+5:09	+5:27	+5:50	-5:51	-5:32	-5:12	-4:51	-4:34	-4:08
From Lower Upnor	Duration	1:52	2:00	2:06	2:11	2:15	2:18	2:20	2:22	2:23	2:25	2:25	2:25	2:24	2:22	2:18	2:15	2:10	2:04	1:58	1:49	1:41	1:31	1:22	1:12	1:05	0:59	0:52	0:49	0:46	0:44	0:41	0:41	0:44	0:46	0:48	0:52	0:57	1:02	1:06	1:11	1:17	1:23	1:27	1:30	1:34	1:40	1:43	1:52	
	ETA	-4:13	-3:49	-3:28	-3:07	-2:48	-2:34	-2:16	-2:00	-1:44	-1:25	-1:09	-0:54	-0:38	-0:25	-0:15	-0:02	+0:09	+0:20	+0:31	+0:37	+0:45	+0:51	+0:55	+1:01	+1:09	+1:15	+1:19	+1:32	+1:42	+1:53	+2:08	+2:19	+2:32	+2:53	+3:10	+3:27	+3:47	+4:06	+4:26	+4:46	+5:07	+5:27	+5:49	-5:53	-5:37	-5:16	-4:54	-4:41	-4:13
From Port Werburgh	Duration	1:41	1:49	1:54	2:00	2:04	2:07	2:09	2:11	2:13	2:14	2:15	2:15	2:15	2:13	2:11	2:08	2:04	1:58	1:53	1:45	1:37	1:29	1:19	1:10	1:03	0:56	0:50	0:46	0:44	0:42	0:39	0:40	0:42	0:44	0:46	0:49	0:54	0:58	1:02	1:06	1:11	1:16	1:20	1:23	1:26	1:30	1:36	1:41	
	ETA	-4:23	-4:00	-3:41	-3:19	-3:00	-2:42	-2:26	-2:09	-1:51	-1:34	-1:18	-1:03	-0:49	-0:34	-0:20	-0:10	+0:01	+0:12	+0:23	+0:32	+0:40	+0:47	+0:53	+0:59	+1:06	+1:13	+1:19	+1:30	+1:40	+1:53	+2:06	+2:17	+2:32	+2:51	+3:09	+3:25	+3:45	+4:04	+4:24	+4:42	+5:03	+5:22	+5:43	-5:59	-5:42	-5:22	-5:06	-4:45	-4:27
From Gillingham Marina	Duration	1:36	1:42	1:48	1:52	1:56	2:01	2:04	2:05	2:06	2:07	2:08	2:08	2:08	2:07	2:05	2:02	1:59	1:54	1:48	1:41	1:35	1:27	1:18	1:09	1:02	0:56	0:50	0:46	0:43	0:41	0:38	0:38	0:41	0:43	0:45	0:48	0:53	0:57	1:01	1:05	1:09	1:13	1:17	1:20	1:22	1:26	1:31	1:35	
	ETA	-4:27	-4:06	-3:45	-3:27	-3:06	-2:48	-2:34	-2:15	-2:00	-1:44	-1:25	-1:11	-0:56	-0:39	-0:25	-0:15	-0:02	+0:09	+0:20	+0:31	+0:39	+0:45	+0:51	+0:59	+1:06	+1:13	+1:19	+1:30	+1:40	+1:53	+2:06	+2:17	+2:32	+2:51	+3:09	+3:25	+3:45	+4:04	+4:24	+4:42	+5:02	+5:19	+5:41	+5:59	-5:46	-5:28	-5:09	-4:48	-4:31
From West Hoo	Duration	1:21	1:25	1:30	1:33	1:36	1:39	1:41	1:44	1:46	1:47	1:48	1:49	1:50	1:50	1:51	1:50	1:48	1:45	1:43	1:38	1:33	1:27	1:20	1:13	1:06	0:59	0:52	0:46	0:43	0:41	0:39	0:36	0:37	0:39	0:41	0:43	0:45	0:49	0:52	0:55	0:58	1:01	1:04	1:06	1:09	1:10	1:12	1:16	1:21
	ETA	-4:41	-4:23	-4:04	-3:44	-3:26	-3:07	-2:50	-2:35	-2:17	-2:01	-1:45	-1:27	-1:13	-0:59	-0:41	-0:27	-0:15	-0:02	+0:09	+0:20	+0:31	+0:39	+0:48	+0:54	+1:03	+1:11	+1:18	+1:27	+1:38	+1:51	+2:06	+2:17	+2:32	+2:51	+3:08	+3:25	+3:42	+4:01	+4:19	+4:39	+4:54	+5:11	+5:31	+5:49	-5:55	-5:38	-5:20	-5:03	-4:44
From Queenborough ATL	Duration	0:39	0:41	0:43	0:44	0:46	0:48	0:49	0:51	0:52	0:52	0:52	0:53	0:53	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54	0:54
	ETA	-5:22	-5:05	-4:49	-4:32	-4:16	-3:57	-3:42	-3:27	-3:09	-2:55	-2:39	-2:23	-2:08	-1:53	-1:37	-1:21	-1:08	-0:53	-0:38	-0:23	-0:11	+0:01	+0:13	+0:26	+0:37	+0:51	+1:03	+1:15	+1:29	+1:43	+1:57	+2:13	+2:26	+2:41	+2:57	+3:10	+3:27	+3:41	+3:56	+4:12	+4:29	+4:42	+5:01	+5:16	+5:32	+5:49	-5:56	-5:43	-5:23

Neaps

Sheerness Tide Time ⇄		-6.00	-5.45	-5.30	-5.15	-5.00	-4.45	-4.30	-4.15	-4.00	-3.45	-3.30	-3.15	-3.00	-2.45	-2.30	-2.15	-2.00	-1.45	-1.30	-1.15	-1.00	-0.45	-0.30	-0.15	HW	0.15	0.30	0.45	1.00	1.15	1.30	1.45	2.00	2.15	2.30	2.45	3.00	3.15	3.30	3.45	4.00	4.15	4.30	4.45	5.00	5.15	5.30	5.45	6.00
From Sun Pier	Duration	2:02	2:07	2:11	2:14	2:16	2:19	2:20	2:22	2:23	2:23	2:23	2:22	2:22	2:20	2:18	2:15	2:12	2:08	2:02	1:56	1:49	1:41	1:35	1:31	1:27	1:23	1:20	1:17	1:14	1:12	1:11	1:13	1:15	1:17	1:22	1:26	1:29	1:33	1:36	1:40	1:43	1:45	1:48	1:51	1:55	1:58	2:02		
	ETA	-4:06	-3:43	-3:28	-3:06	-2:51	-2:34	-2:17	-2:00	-1:43	-1:29	-1:14	-0:58	-0:47	-0:31	-0:16	-0:04	+0:09	+0:21	+0:31	+0:40	+0:50	+0:55	+1:07	+1:12	+1:21	+1:33	+1:47	+1:56	+2:10	+2:20	+2:34	+2:48	+3:01	+3:20	+3:37	+3:54	+4:17	+4:32	+4:48	+5:13	+5:29	+5:48	-5:55	-5:38	-5:20	-5:03	-4:43	-4:26	-4:06
From Chatham Lock	Duration	1:50	1:54	1:58	2:01	2:04	2:06	2:08	2:09	2:10	2:11	2:11	2:11	2:11	2:10	2:08	2:06	2:03	1:59	1:55	1:48	1:42	1:35	1:28	1:23	1:18	1:16	1:12	1:10	1:08	1:05	1:04	1:04	1:05	1:07	1:09	1:13	1:17	1:20	1:24	1:27	1:30	1:33	1:35	1:37	1:41	1:43	1:46	1:50	
	ETA	-4:13	-4:00	-3:38	-3:20	-3:04	-2:44	-2:27	-2:12	-1:58	-1:42	-1:26	-1:08	-0:56	-0:43	-0:26	-0:13	-0:02	+0:13	+0:24	+0:33	+0:45	+0:52	+1:00	+1:09	+1:15	+1:27	+1:34	+1:52	+2:03	+2:12	+2:31	+2:44	+2:54	+3:14	+3:30	+3:47	+4:09	+4:26	+4:42	+5:06	+5:23	+5:37	+5:57	-5:46	-5:29	-5:10	-4:52	-4:35	-4:17
From Lower Upnor	Duration	1:45	1:48	1:52	1:55	1:58	2:00	2:02	2:03	2:04	2:05	2:05	2:05	2:05	2:04	2:03	2:01	1:58	1:55	1:51	1:46	1:39	1:33	1:27	1:21	1:17	1:14	1:10	1:08	1:06	1:04	1:03	1:03	1:04	1:06	1:08	1:11	1:15	1:18	1:21	1:24	1:27	1:30	1:32	1:34	1:36	1:39	1:41	1:45	
	ETA	-4:19	-4:05	-3:41	-3:26	-3:06	-2:49	-2:34	-2:17	-2:02	-1:44	-1:30	-1:15	-0:58	-0:47	-0:32	-0:17	-0:04	+0:08	+0:20	+0:31	+0:40	+0:50	+0:55	+1:07	+1:15	+1:27	+1:34	+1:52	+2:02	+2:12	+2:27	+2:44	+2:54	+3:14	+3:30	+3:47	+4:07	+4:26	+4:42	+5:03	+5:21	+5:32	+5:55	-5:50	-5:35	-5:13	-4:56	-4:41	-4:19
From Port Werburgh	Duration	1:37	1:40	1:43	1:46	1:49	1:51	1:53	1:54	1:55	1:56	1:56	1:57	1:57	1:56	1:55	1:53	1:51	1:48	1:45	1:40	1:35	1:30	1:23	1:17	1:13	1:10	1:07	1:05	1:03	1:00	1:00	0:59	1:00	1:02	1:03	1:06	1:10	1:13	1:16	1:18	1:21	1:23	1:25	1:27	1:29	1:31	1:34	1:36	
	ETA	-4:26	-4:09	-3:52	-3:35	-3:17	-3:00	-2:42	-2:24	-2:08	-1:52	-1:36	-1:22	-1:05	-0:54	-0:38	-0:25	-0:10	+0:02	+0:13	+0:25	+0:36	+0:45	+0:50	+1:03	+1:12	+1:22	+1:33	+1:48	+1:58	+2:10	+2:24	+2:40	+2:52	+3:11	+3:27	+3:44	+4:01	+4:20	+4:38	+4:58	+5:13	+5:31	+5:50	-5:55	-5:40	-5:20	-5:06	-4:47	-4:29
From Gillingham Marina	Duration	1:32	1:35	1:37	1:40	1:43	1:45	1:46	1:48	1:49	1:50	1:51	1:51	1:51	1:50	1:50	1:48	1:46	1:43	1:41	1:37	1:31	1:27	1:20	1:15	1:12	1:08	1:05	1:03	1:01	1:00	0:59	0:59	1:00	1:01	1:02	1:05	1:08	1:11	1:13	1:15	1:18	1:20	1:22	1:23	1:25	1:28	1:30	1:32	
	ETA	-4:30	-4:13	-4:00	-3:38	-3:22	-3:05	-2:47	-2:29	-2:16	-1:58	-1:43	-1:28	-1:11	-0:58	-0:43	-0:30	-0:15	-0:03	+0:10	+0:21	+0:31	+0:42	+0:52	+1:03	+1:12	+1:21	+1:33	+1:47	+1:58	+2:10	+2:24	+2:40	+2:52	+3:11	+3:27	+3:44	+3:59	+4:19	+4:35	+4:56	+5:11	+5:29	+5:48	-5:57	-5:44	-5:25	-5:07	-4:49	-4:31
From West Hoo	Duration	1																																																