



Brightlingsea
Harbour
Commissioners

Visitor Guide & Tide Tables

Brightlingsea Harbour 2021

Contents

Brightlingsea Harbour Information	3	Harbour Boat Trip & Foot Ferry	
Welcome from the Harbour Master	4	Timetable	29-31
Water Taxi Timetable	7	Town Map	32-33
Mooring Fees	8	Marina Work - Piling Habitat	35
Visitor Rates	9	Transport Links	36
Moorings Map	10-11	Morgan Marine, The Boatyard	38-39
Navigation Marks	12-13	Let's Go Crabbing	40
Advice for entering the Harbour	14-15	The New Normal with COVID	44
Harbour Navigational Video	16	Brightlingsea Coastal Rowing Club	45
Harbour Facilities	17	Go with the Flow	46
Harbour Speed Limits	19	Nature-Based Solutions at	
IFCA Fish Sizes	20-21	St Osyth's Borrow Pits	49
Richard Hayward Oysters	22	Border Force	51
Life on a Wind Farm	26-27	Tide Tables	55-57
Brian Percival - Harbour Assistant	28		

Acknowledgements

The articles, pictures and adverts are included with grateful thanks to the contributors.

Design and artwork by Exo Environmental Ltd.

Town map by KTB solutions.

Front cover from Owen Evans.

Other photographs provided by Barry Goody, John Marks, Ant Niles, Luke Bryant and Google Images.

If you have a story of interest for Brightlingsea visitors please drop this into the Harbour Office with your contact details; we might be able to include it in the 2022 Harbour Guide!

Content: Maximum 250 words. Photos: 300 dpi, copyright free.

Brightlingsea Harbour is a small mixed leisure and commercial port with a rich heritage, situated in Brightlingsea Creek close to the mouth of the Colne Estuary where it meets the Blackwater and Thames Estuaries.

The Harbour is a Trust Port managed by Brightlingsea Harbour Commissioners. The Harbour Master leads a dedicated team of permanent and seasonal staff who oversee the day to day activities within the Harbour.

Harbour Contacts

Harbour Office: 01206 302200
Harbour Marina VHF: Channel 68

www.brightlingseaharbour.org
mail@brightlingseaharbour.org

Facebook: @brightlingseaharbour
Twitter: @bseaharbour

Instagram: @brightlingseaharbour
Brightlingsea Harbour Commissioners
4 Copperas Road, Brightlingsea,
Colchester, Essex, CO7 0AP



Welcome from the Harbour Master

Welcome to our harbour and the town of Brightlingsea. Many of you will be returning so welcome back if you've been before, there have been some changes.

The harbour is often very busy. This year we expect many more Paddle Boarders (SUPs) and Kayakers. The space is crowded but we can all make it work provided we follow the rules, everyone is welcome. The Team and I work hard to ensure everyone is safe. Hundreds of larger ship movements, approximately 2200 visiting yachts, power boaters, paddle boarders, canoeists, other watercraft users, dinghy sailors and racers. However busy we are, we pride ourselves in never turning down a visitor in need of somewhere to tie up for the night. It is hard to believe that although located centrally within the Thames Estuary many visitors have only discovered Brightlingsea by accident.

The town has worked hard to get through Covid 19 pandemic and provides for visitors a brief respite from the restrictive regime that has so often darkened the days of a compliant public. I write optimistically that newly available vaccines and therapeutics will allow a new enthusiasm for visiting the town. Our waterfront offers a great selection of friendly, locally run, hostelrys and shops, meeting the needs of residents and visitors. Most are only a short walk from the harbour, but it is well worth taking the time to explore the town, gardens and promenade.

I have exciting news of developing plans which include a Heritage Quay, including a Harbour square to display Smacks, barges and of a new ferry landing to enable those who previously found it impossible to cross the creek from St Osyth to Brightlingsea to visit saving them a fourteen mile round trip and parking.

Visiting yachts will also be pleased to learn we now have a brand new shower, toilet, locker and laundry facility with superfast WiFi, which is also available in the Marina and on some Harbour pontoons. When arriving please call our Duty Staff on VHF CH 68, they will allocate and



personally direct you to an appropriate berth for your vessel. That could be in the Marina or on the Pontoons in the Creek, your choice.

Our website is full of information to assist your stay in Brightlingsea however anything else can be sought from the harbour reception. We wish to keep all harbour users safe at all times so please abide by the rules - they are there for your safety and the safety of others. In addition, please take the time to look at our safety information in this guide, and the map of the harbour. The harbour has an easily accessible fuel berth and fuel is sold for leisure and commercial users.

The harbour reception area is also a Tourist Information Point providing a variety of literature about local attractions. Those who wish to explore can get ashore using our water taxi or travel to Wivenhoe to enjoy the Pub cruise, travel further afield on one of our ferries or simply enjoy Brightlingsea on foot.

In addition to dredging the Harbour, we have re-used the mud working with nature to improve saltmarsh which as well as providing additional flood defence, attracts incredible wildlife, migratory birds from around the Globe and of course provides greater access to the harbour the channel is now a minimum of 1m below CD.

Keep a look out on our website, Facebook, YouTube, Instagram and Twitter for updates and events. Everyone at Brightlingsea Harbour looks forward to welcoming you to Essex's best kept secret throughout 2021.
- James Thomas, Harbour Master

BRIGHTLINGSEA BOAT PARK AND RIDE LTD



Shipyards Estate, Brightlingsea. Essex. CO7 0AR

BOAT PARK & RIDE

Outside or undercover storage with
tractor launching for craft up to 26ft

AREA APPOINTED MAIN DEALERS FOR:



MARINE



Outboard engines up to 350bhp

WATER SPORTS EQUIPMENT

Wet suits, buoyancy aids, tube,
skis and boards

TRAINING

RYA Training Centre for Power Boat level 2
Brightlingsea Boating Academy

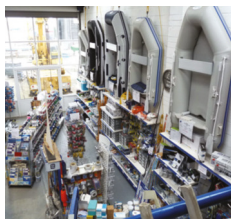
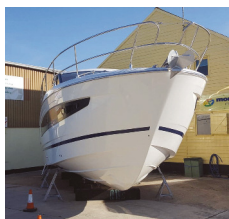


Telephone: 01206 30 47 47

Website: boatparkandride.com

E-mail: info@boatparkandride.com

Brightlingsea Boatyard



- Large chandlery & clothing store
- Workshop repairs, servicing & rigging
- Experienced factory-trained technicians
- 10 acre boatyard & 30-tonne hoist
- Wide pontoons, fully serviced
- Secure storage yards & CCTV
- Park 'N' Ride on private slipway
- New & used boats for sale
- Main dealer for Jeanneau, Highfield, Sea Ray and Excel
- Brokerage - sail & motorboat
- Plenty of free parking



VHF CH 68

£1.50 each way per person or 1 token per person each way.

Buy **10** tokens for **£11.00** from Harbour office or Water Taxi Coxswain.

Non- BHC Harbour Moorings **£2.50** per person each way

Children **must** be accompanied by an adult and are **FREE**.

04/01/21 to 28/03/21	Mon - Sun	0800–1600
29/03/21 to 25/04/21	Mon - Thu Fri - Sun	0800–1700 0800–2100
26/04/21 to 31/05/21	Mon - Thu Fri & Sat Sun	0800–1800 0800–2300 0800–2100
1/06/21 to 15/07/21	Mon - Thu Fri & Sat Sun	0800–1900 0800–2300 0800–2100
16/07/21 to 05/09/21	Mon - Thu Fri & Sat Sun	0800–2200 0800–2300 0800–2100
06/09/21 to 03/10/21	Mon - Thu Fri & Sat Sun	0800–1900 0800–2300 0800–2100
04/10/21 to 31/10/21	Mon -Thu Fri - Sun	0800–1800 0800–1800
01/11/21 to 23/12/21	Mon - Sun	0800–1600

BANK HOLIDAY EXTENDED SERVICE

02/04/21	Good Friday	0800 - 2100
05/04/21	Bank Hol Mon	0800 - 2100
03/05/21	Bank Hol Mon	0800 - 2100
31/05/21	Bank Hol Mon	0800 - 2100

*BHC Tokens have no cash value and can only be used for water taxi journeys. Tokens can be purchased from the Harbour office or Taxi Coxswain 10 Tokens for £11. This service is operated by Brightlingsea Harbour Commissioners.

*The Harbour will endeavour to provide this service as per the schedule but check website for any changes. At non-peak times, the harbour "launches" may be used for this service which could affect the passenger carrying capacity, also events outside of the harbour's control such as weather conditions and breakdowns could affect the service.

Mooring Fees

Annual Harbour Due fee per boat length over all (LOA)

≥ 4m LOA	£17.00	≥ 5m LOA	£21.00	≥ 6m LOA	£25.50
≥ 7m LOA	£30.00	≥ 8m LOA	£34.00	≥ 9m LOA	£38.00
≥ 10m LOA	£42.00	≥ 11m LOA	£46.00	≥ 12m LOA	£50.00
≥ 13m LOA	£54.00	≥ 14m LOA	£58.00	≥ 15m LOA	£62.00

Summer 1st April – 31st October

Annual 1st April – 31st March

Half Tide

Half Tide Premium

£172.50 per annum

£189.00 per annum

Swinging Moorings

Bumpkin Bay	£67.50	£90.00
-------------	--------	--------

Fore & Aft Moorings

South Channel	£67.50	£90.00
---------------	--------	--------

John Pitts Centre	£67.50	£90.00
-------------------	--------	--------

Cindery Shore	£64.50	£88.00
---------------	--------	--------

St Osyth Shore	£44.50	£60.00
----------------	--------	--------

John Pitts Side	£44.50	£60.00
-----------------	--------	--------

Pontoon

Whites	£77.00	£104.00*
--------	--------	----------

St Osyth South	£94.00	£125.50*
----------------	--------	----------

St Osyth North	£106.00	£144.00*
----------------	---------	----------

Cindery/Heritage/Fishermans	£106.00	£144.00*
-----------------------------	---------	----------

Marina	£220.00	£281.00 *
--------	---------	-----------

Multihulls berths in the marina will be charged at 1.5 times the published rate.

Electricity, water & WIFI for marina moorings is subject to Terms & Conditions.

Winter 01 Nov – 31 Mar

Pontoon £42.00

Marina £75.00

* ANNUAL MOORING STANDING ORDER PAYMENT PLANS AVAILABLE.

ALL PRICES ARE INCLUSIVE OF VAT

CONTACT THE HARBOUR OFFICE FOR FURTHER INFORMATION.

Visitor Fees

HARBOUR & MARINA WEST BASIN VISITOR CHARGES

Per Night		Weekly Rates	
7m or < (23ft or <)	£16.50	Sept - March:	1 week = 6 nights
7.1m – 9.7m (24ft - 32ft)	£19.50		
9.8m – 11.2m (33ft – 37ft)	£21.50		
11.5m- 13m (38ft - 43ft)	£23.50		
13.1m – 14m (43ft-46ft)	£28.00		
Over 14m (46ft)	£28.00+ £3.00 per metre		

MARINA EAST BASIN VISITOR CHARGES

Per Night			
7m or < (23ft or <)	£16.50	7.1m – 9.7m (24ft - 32ft)	£21.50
9.8m – 11.2m (33ft – 37ft)	£27.00	11.5m- 13m (38ft - 43ft)	£30.00
13.1m – 14m (43ft-46ft)	£33.00	OVER 14m (46ft)	£33.00 + £3.00 per metre

MONTHLY VISITOR CHARGES (Plus Harbour Dues. 1 month = 28 days)

April – October

Harbour - £29.50 per metre

West or East Basin Marina - £46 per metre

November – March

Harbour £10.00 per metre

West or East Basin Marina - £14.50 per metre

Take a look at our website, www.brightlingseaharbour.org where you will find a wealth of useful information. Watch a navigational video on how to enter the harbour, find live tide and weather data plus download mooring application forms, our complete schedule of charges etc.

Brightlingsea Harbour prides itself on its friendly service and the Harbour team is only too happy to help and offer advice to mooring holders and visitors.

12/31/2012

Morgan Marine

Fisherman's Pontoon

Heritage Pontoon

Bumpkin Bay

Cindery F&A

St Osyth F & A

St Osyth Pontoon

South channel F & A



Pioneer Sailing Trust

Fuel Berth

Cindery Island

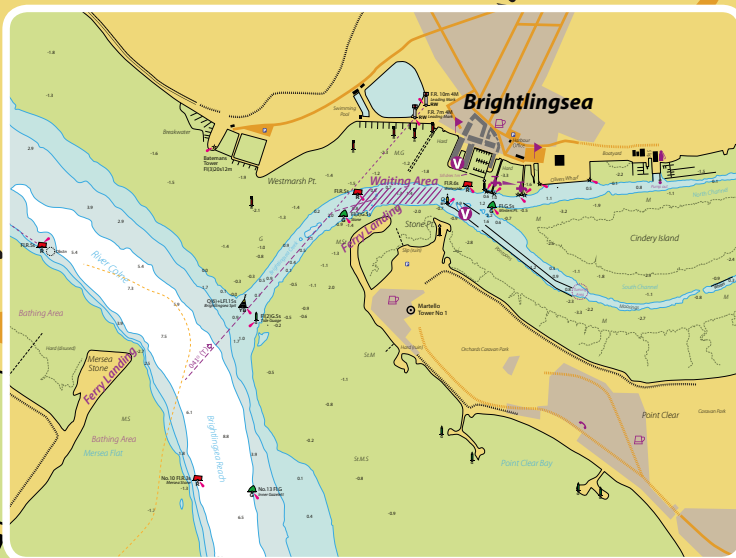
Cindery Pontoon

John Pitts

Whites Pontoon

Morgan's Moorings

A



Boating Lake

RW

R

R

-2.3 M.G

-1.2

-1

-1.9

-1.4

-1.2

Westmarsh Pt.



Approx
Land level

0m and above

0m-2m

2m-5m

5m-10m

-0.8

-1.4

-1.3

Fl.R.5s

0.8

0.7

1.3

-2.0

Fl(3)G.5s

0.8

Stone

-0.9

-1.4

M.St

-1.3

0.9

0.5

0.4

1.1

1.1

1.1

1.1

1.1

1.1

1.1

1.1

1.1

1.1

1.1

1.1

1.1

Pilotage Information

Brightlingsea Spit Buoy - 51° 48.068 N 01° 00.724 E
Leading Marks - 041° (T)

Harbour Communications Channel 68

Phone: 01206 302200

Mobile: 07535 508537

Fl(2)G.5s

-0.5

-0.6

Tide Gauge

Ferry Landing

Slip (ruin)

P



Ma
To



Advice for craft entering harbour

Approaching from seaward, pass between red buoy No 10 and green buoy No 13 and head towards Bateman's Tower at the entrance to the creek on the north shore. The entrance to the Creek is marked by a lit south cardinal buoy (Brightlingsea Spit Buoy) and a lit green beacon with a tide gauge showing the minimum depth on the line of the leading marks over the bar into the Creek.

If the south cardinal buoy (Brightlingsea Spit Buoy) is left close to port, the upper and lower leading marks (locally known as the Cricket Stumps – 2 white boards with vertical red lines by day and 2 fixed red lights by night). They are in transit at 041°T and when in line lie just below and to the left of the thin spire in the town skyline.

Follow a course with the boards / lights in transit. When abeam the green buoy turn to starboard to pass 50 metres south of the red buoy. When the red

buoy is abeam turn further to starboard and head to pass 10 metres north of the north cardinal beacon (quick flash by night) at the seaward end of the first pontoon. By day a welcome board is visible.

There is a red buoy on the north side of the Creek which marks the seaward side of the channel to the Waterside Marina which has a sill which dries 1m above CD.

Vessels have a choice to berth in the harbour or in the marina. There are normally pontoon moorings available for vessels up to 50' LOA. For berthing instructions please call Brightlingsea Harbour on VHF Channel 68 when approaching.

The waiting area is to the north of the north cardinal beacon wait there until you are met by the harbour staff in the harbour launch, who will guide you to a berth.



If you arrive when there is no member of staff on duty, please follow the instructions below:

- Pass between the first two pontoons which normally berth commercial boats and Smacks heading towards the next pair of parallel pontoons.
- Berth in one of the visitors' berths at the seaward end of the northernmost pontoon of the pair of parallel pontoons in the south channel.
- If these are all taken, go into any empty pontoon berth large enough for your vessel where there is not a 'Back Tonight' notice, or go alongside another boat on one of the pontoons.

All vessels having to lie alongside other vessels or the pontoon must place sufficient fenders on the side of their vessel which will be next to the other vessel or the pontoon. Fore and aft shorelines should be taken from the

outer vessel to the pontoon and springs should be run to the adjacent vessel or pontoon as appropriate.

N.B. The tides run at up to 2 knots.

- The pontoons lie parallel with the flow of the tide and it is strongly recommended that except in exceptional circumstances all vessels should berth bow into the tide.
- There is a turning area with approximately one metre depth at MLWS at the south east end of the northernmost pontoon.
- Vessels should only use the channel between the two pontoons with great caution and in any case only to go to or leave a berth in that channel.



Harbour Navigational Video

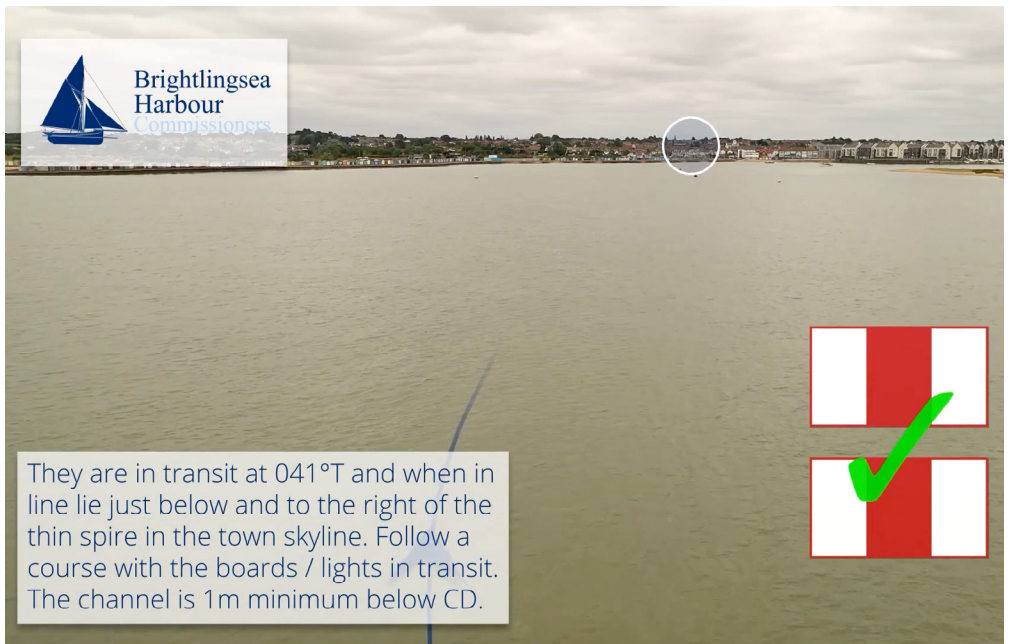
Brightlingsea Harbour Commissioners have worked with Exo Environmental to produce a welcome navigational video. This video instructs harbour users on the correct and safest approaches when entering the harbour.

The video features helpful information including the VHF radio number, potential grounding areas, points of interest, local facts and much more!

This video is available to watch on YouTube and can be accessed via the Brightlingsea Harbour Commissioners website, Exo Environmental's website or by searching for it on YouTube. This means that users can access the video from their computers at home, or via their mobile phone anywhere!



Scan this QR code or go to www.exo-env.co.uk/bhc-video to watch the video.



Harbour Facilities

Fresh Water

Fresh Water is available to visiting boats from the end of the Colne Yacht Club Jetty. There is also a tap at the top of the Town Hard.

Fuel

Diesel is available direct to vessels from our Fuel Barge located adjacent to the Pioneer Sailing Trust at Harker's Yard. Please contact the Harbour Office to make arrangements to purchase fuel and to check current prices. 01206 302200 or Channel 68.

Laundry Facilities

Laundry facilities are available in the shower rooms at Waterside Marina. Entrance Code is available from the harbour office or the harbour staff, machines are operated by coins.

Maintenance Posts

The maintenance posts located on the Town Hard are available for use by both visitors and residents by prior arrangement with the Harbour Office. Bookings are taken on a first come first served basis at the Harbour Office. The code of practice for using the posts, along with diagrams showing how to tie up and the drying times can be viewed on our website.

Sewage Pump Out System

Brightlingsea Harbour has a sewage holding tank pump out system available for boat users. It is located adjacent to the Fuel Barge and can be used by arrangement with the Harbour staff. Please speak to a member of Harbour staff or contact the Harbour Office for more details.

Showers

Showers are available for visitor use at Waterside Marina. Door code for access is available from the harbour office or the Harbour staff.

Waste

General waste should be placed in the wheelie bins within the Boat Park, where there is also, an oily waste tank. There is limited capacity for accepting other waste. BHC waste management plan is available to download from our website.

LEARN TO SAIL

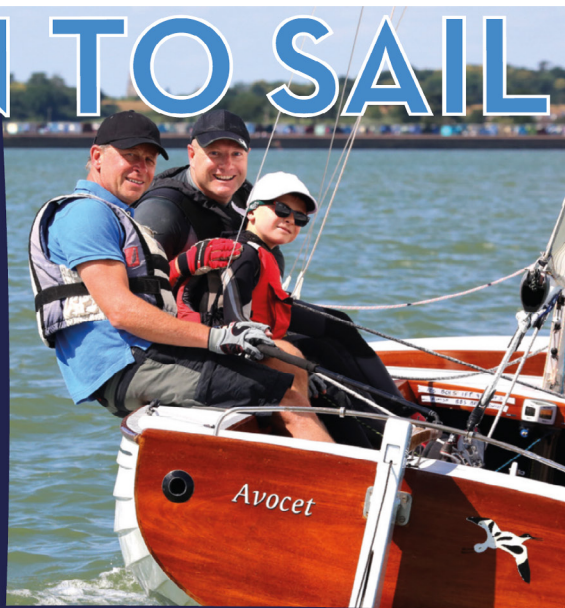


**BRIGHTLINGSEA
SAILING CLUB**

Our Royal Yachting Association-approved sailing school provides first class, friendly tuition for all ages.

Taster Sessions start from £25.00.

We offer RYA Levels, Youth Stages, Refresher courses and 1:1 tuition.



Call Craig Bond on 07894 507 812 or email learnsailing@sailbrightlingsea.com

WWW.SAILBRIGHTLINGSEA.COM



D.B. Marine *(Essex) Ltd*



**MARINE ENGINEERING, REPAIRS,
OVERHAULS & INSTALLATION**

SUPPLIER AND INSTALLER OF THE

BETA MARINE

ENGINE & GENERATOR RANGES

The Shipyard Estate, Brightlingsea, Essex, CO70AR
Tel/fax: 01206 304391 Mob: 07850 982 778
enquiries@dbmarineeng.co.uk

WELCOME EVERYONE



Map is for illustrative purposes only, do NOT use for navigation.

OBSERVE THE SPEED LIMIT



...OR FACE A FINE OF UP TO £2,000



- Strictly 4 KNOTS or slower in these areas
- Strictly 5 KNOTS or slower in these areas
- Strictly 8 KNOTS or slower in these areas
- There is no speed limit in these areas

REPORT SPEEDING ON
TEL: 01206 302200



OBSERVE THE SPEED LIMIT

The River Colne has speed limits in place in the following areas, (please refer to map overleaf):



4 Knots – within Brightlingsea Creek, shaded red.



5 Knots – Up stream of Priors Wharf, Ballast Quay at Wivenhoe.



8 Knots – in the River Colne and 250m from shore at High Water. Except for the grey area between Yellow speed bouys.

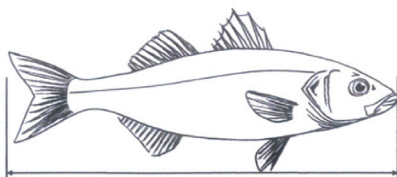


No Speed limit – in the Grey shaded areas but you must respect other water users, the wildlife and be aware of the hazards around you.

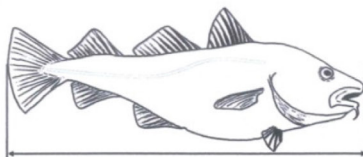
Key Minimum Sizes

All undersized marine organisms shall be returned immediately to the sea*

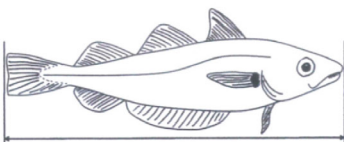
*except commercial fishing for species subject to Landing Obligation



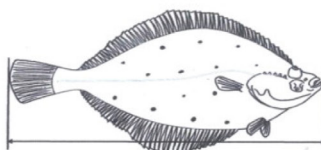
Bass 42cm (recreational restrictions apply, see website)



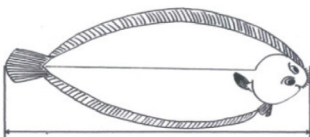
Cod 35cm



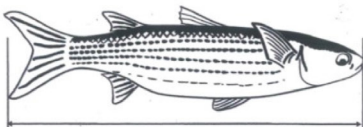
Whiting 27cm



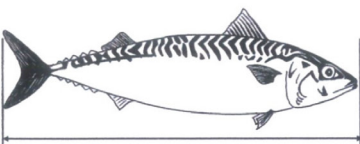
Plaice 27cm



Sole 24cm

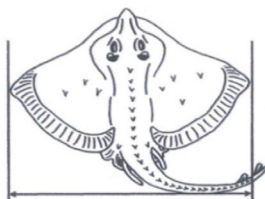


Mullet 30cm



N. Sea Mackerel 30cm

Other Mackerel 20cm



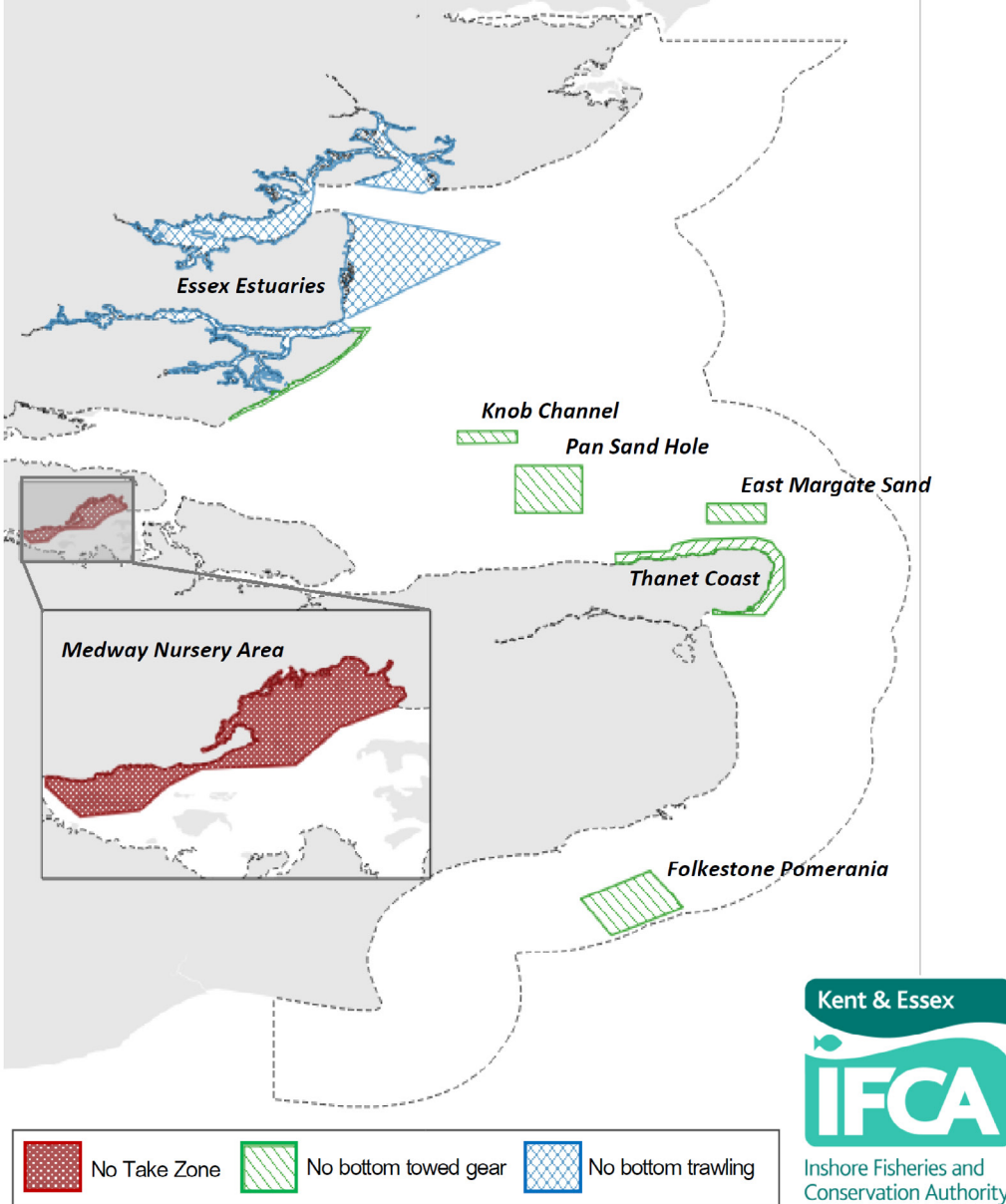
Skates and Rays 40cm

For further information on legislation and species visit:

www.kentandessex-ifca.gov.uk

Marine Protected Area Management

To meet Marine Protected Area (MPA) conservation objectives, Kent and Essex IFCA have introduced a range of fisheries management measures, protecting species and habitats of national and international importance.



Richard Haward Oysters

The Romans were the first people documented as harvesting oysters in this country, at a time when Brightlingsea was an island. They were very pleased to find them here, providing sustenance for the garrison in Colchester, as they were overfished in Italy and were already being cultivated there.

Later in 1353 Brightlingsea became a limb of the Cinque Port of Sandwich, fishermen would be enlisted in the Kings Navy for 15 days a year and rewarded with free use of the port to land their catches. It is now a Cinque Port Liberty, the only one north of the Thames.

During the first part of the twentieth century, while providing many of the boats and men for catching Natives in the river, Brightlingsea men were using the creek, almost entirely, for relaying Portuguese oysters. These were imported each spring and re-laid to grow and fatten for one or two years before being harvested and sold to all the seaside resorts around the country. The terrible winter of 1963 caused the creek to freeze over and the oysters perished. Enthusiasm for the trade waned as did the dredging for oysters, even in the river.

Redundant oyster layings were used for leisure boat moorings to generate revenue. In the 1970's the government encouraged the growing, from seed produced in hatcheries, of the Gigas oyster (a cousin of the Portuguese) and in 1977 John Pitt, a local businessman and Clerk to the Harbour Commissioners, with the co-operation of the Ministry of Agriculture, Fisheries and Food's laboratory at Burnham on Crouch, started trials with both Gigas and Native seed. Initial success was followed by failure after four years; the cause of which was believed to be siltation although later it was discovered to be modern antifouling with its Tributyltin content. The cessation of the use of TBT revived the marine environment and with it the oyster.

However nature is not always predictable



and, perhaps because of climate change resulting in warmer sea temperatures, in the 1990's wild spawned Gigas oysters began to appear from spawn released by oysters in other nearby areas. This soon happened every year and being a very hardy oyster, grew quickly and stayed alive, unlike the more delicate Native. It was not long before they became a nuisance; forming reefs, on which boats ran ashore and making it difficult to walk on the foreshore or launch boats.

In 2013 Richard Haward's Oysters were invited by the Brightlingsea Harbour Commissioners to come and clear them. They found that some could be sold but many were too large, misshapen or too small. Those were then re-laid on one of the original oyster layings. Richard Haward's son, Bram Haward the oysterman has continued to dredge since then and it is believed that the Gigas are now under control and some of the spat from the original stock has been cultivated to produce an acceptable oyster. These oysters along with a few Natives are on course to revive Brightlingsea's oyster industry.

POWELL & SON

DRIVEWAYS & LANDSCAPING

Specialising in:

- DRIVEWAYS
- FENCING
- HARD LANDSCAPING
- GARDEN IMPROVEMENT



For a no obligation quote please contact us:

T: 01206 672405

M: 07476 900 138 / 07592 636 096

Email: hello.powell.son@gmail.com

BESS

BRIGHTLINGSEA ELECTRICAL SERVICES

YOUR LOCAL ELECTRICIAN

City & Guilds
Qualified
Electrician
Parts 1, 2 & 3.
BS 7671
17th Edition
PAT Testing 2377



ELECTRICIAN

**FULLY QUALIFIED ELECTRICIAN, ALL ASPECTS OF
ELECTRICAL WORK UNDERTAKEN ! ALL WORK GUARANTEED
AND COMPLIANT WITH THE CURRENT IEE AND PART P
REGULATIONS !**

**NO VAT / NOT VAT REGISTERED / FREE ESTIMATES NO JOB
TO SMALL !**

CALL 01206 302851 OR 07731535528

ADVANTAGE SAILS



SAILS



COVERS



UPHOLSTERY

www.advantagesails.co.uk

01206 618244

**87a Shipyard Estate, Brightlingsea.
Essex. CO7 0AR**



*Owned by the Reade Family
since 1971*

**Spar Brightlingsea, 19-21 Victoria Place, Brightlingsea,
Essex, CO70BX, Tel 01206 302138**

Opening hours: Seven days a week: 6.00am - 10 .00pm

HOROLOGIA

Antique Clock repairs
Restoration of unusual timepieces
with 54 yrs experience in the
clock & watch industry
All relevant British Horological
Institute certificates
~ Improves value
~ Maintains good working order
~ Free valuations & estimates for repair
Call us t. 01206 307745 m. 07957812429



Life on a Wind Farm

By Chris Stopford, Windfarm Vessel Skipper

Powerful craft around 20 metres in length reside in the harbour, they are the Gunfleet sands windfarm support vessels. They take staff to and from the wind generated power plant 3 miles south. Since 1997 Gunfleet has seen the development of wind technology although it was in 2008 that construction of the site actually started. A base was set up in Brightlingsea by the constructors of the site, a Danish company called 'DONG Energy' (Danish Oil and Natural Gas), now 'Orsted' after the Danish discoverer of magnetic fields around electrical currents.

Initially vessels were chartered by Dong mostly 10 metre catamarans. These vessels are in effect a taxi service for those working offshore. The 10 mile passage to the windfarm takes around 40 minutes. In 2009, I took part in a TV interview, we counted 15 vessels residing in Brightlingsea during the construction phase. Elsewhere, other vessels were rapidly being designed and constructed which were made especially for the job. These vessels, by now 12 or 15 metres long, were more spacious with individual suspension seats for the technicians, rather than bench seating, as well as a full galley, and faster and more stable, reaching speeds of 23 knots.

The construction base was on Olivers Wharf, it comprised an array of portable buildings where programmes for the vessels were designed and instructions delivered. A typical day started around 0600, often earlier, and soon after, a fleet of varied vessels were heading out of Brightlingsea Creek, affectionately described as the 'Whacky Races'. The wharf served as a fuel station too. Many locals were used to support the rapid construction as well as expertise coming in from elsewhere.

2010, marked the end of the construction phase and turbines began generating as the site moved into Operation and Maintenance mode. Those involved in construction were replaced however they were able to move



on to different jobs having learned a trade during the construction phase, many were and still are local people and so the site has proved an excellent local career bonus to skill young tradesman, by adapting their various engineering skills to the new wind turbine technology.

Each single turbine on the Gunfleet Sands produces 3.6 MW. That is 3,600 KW. So one turbine can power approximately 650 homes a year. Multiply that by the 48 turbines on the site and you get an idea of the amount of energy actually being produced 24hrs per day from a free source of energy. These turbines will be producing this energy for 25 years.

A single vessel remains in Brightlingsea to transport the service teams to the turbines on a daily basis, 12 hours per day and 365 days per year. Streamlined skills and maintenance procedures built up over time has meant, one vessel carrying 12 passengers can now manage the workload. Like all working craft at sea, vessels quickly adapt and shape themselves into the specific task they are required to carry out. Vessels in the UK are built to a code of practice to ensure the safety of passengers and crew. Engines need to be powerful to drive these 20 ton craft at 20 knots and may range from 600-1200 hp on each engine (a catamaran will have 2 engines). Propulsion systems vary. The waterjet system is popular and ideal for the

shallow waters of the east coast. The waterjet intakes are mounted on the bottom of the hull and with many vessels having a draught of around 1 metre, they can easily navigate in 1.5 metres of water without issue. Waterjet vessels are highly manoeuvrable too, an advantage when manoeuvring close to a turbine. Propeller vessels are slightly more efficient but do require more depth of water to safely operate. Brightlingsea is a tidal port, restrictions around Low water times can sometimes delay sailing times

Summer 2020 there were 4 windfarm vessels in the harbour. Specific projects will have specific requirements one vessel operation and maintenance, one might include a modification to one of the systems on a turbine, it could be painting the turbine, or perhaps attending the substation, the large structure in the middle of the field that gathers the electricity produced from all the turbines together and sends to the shore. They are a valuable asset to the local community in many ways.

Not just from the income they produce, or the local services that provide mechanical or engineering assistance but often manning them can be done locally and they are an asset to the harbours eyes and ears as they go about their daily business.

To drive a Windfarm vessel you require a MCA 200gt Certificate of Competence as well as some commercial boat hands on experience.

The next phase of vessel operations will surely involve hybrid or perhaps electric craft. Vessel builders are already looking into these options in some detail. Let's hope we see these soon in Brightlingsea.



LUCAS

ESTATE AGENTS AND VALUERS

Established 1935

RESIDENTIAL SALE & LETTINGS

YOUR ORIGINAL LOCAL INDEPENDENT ESTATE AGENT
SPECIALISING IN PROPERTIES IN BRIGHTLINGSEA AND
SURROUNDING AREAS

We offer vendors and landlords FREE no obligation valuations and competitive commission rates on a NO SALE NO FEE basis

Our services include full colour property details, large LED window display and all properties are advertised on Rightmove in addition to our own website

16 VICTORIA PLACE, BRIGHTLINGSEA, ESSEX CO7 0BX

Tel: 01206 302639

Email: info@lucasestates.com • www.lucasestates.com



Brian Percival

Harbour Assistant

I joined Brightlingsea Harbour Commissioners in 1995, following redundancy. At 53 years old I was pleased that my services were still very much required. The role of Sunday relief Harbour Master was mine, to enable the Harbour Master to enjoy at least one a day off per week. Collecting overnight visitor dues finding them berths, and ensuring returning residents' berths were available on their return made the hours fly by. Every Sunday the puzzles were different, that made the job extremely satisfying. I must have impressed as the next season I was offered a full-time role; Assistant Harbour Master, joining a small but efficient team. The terms were simple with the Harbour Master and I sharing the responsibility for weekends, one weekend on one off. I too had an assistant 'Henry' the Harbour Masters dog, extremely popular with visitors and residents.

Initially visitors were able to berth between posts approximately 60 feet apart, the smaller yachts arriving early were often unable to tie up as their warps were too short, I would tuck them in somewhere temporarily until a longer vessel arrived so they could tie up to it. We managed to get some small pontoons fitted between the posts at first which solved the immediate problems however they were a little unwieldy, we managed to change them over time to the ones we have today.

'Make the visitors welcome, they may come back and treat every yacht as though it is your own'. Visitors began to pour in at weekends on one Saturday I managed to tie up one hundred and three yachts, mooring them between the fisherman's trots, five a breast and anywhere else I could cram them in, arriving home at 9.30pm that night I said to my wife 'what have I done, if it blows up tonight there will be boats scattered all the way up the Colne', I woke hourly throughout that night to check the weather.



The season was great fun building a marine village with five to six visiting clubs and independent sailors on a Saturday then collapsing it on Sunday. I quickly became friendly with the visitors during the construction phases and waved them off when they left with happy memories.

The natural environment has always interested me, particularly bird watching. I would jot down sightings in the harbour log which could later be incorporated in the Harbour guide; 2001 September, small mammal swimming off Town Jetty, sped over in launch believing it to be an otter but discovered a squirrel doing breaststroke, as I approached it tried to cling to the launch, I scooped it up with a bucket covered the bucket then took it to the workshop, put on a pair of welding gloves, wrapped and dried it in a towel. I then released it into a garden of one of our customers that had several walnut trees, as payback for an unnecessarily nasty remark he had made previously.

My time ultimately came to an end in 2005 after ten years, I thoroughly enjoyed my time in the harbour. I can honestly say that I looked forward to going to work each day, not many people can say that.

Brightlingsea Harbour Boat Trips



Brightlingsea
Harbour

BRIGHTLINGSEA - POINT CLEAR - MERSEA ISLAND - WIVENHOE

Hidden Gem

Brightlingsea offers a range of cafes, pubs and a fantastic Lido a short walk along the promenade. Take the kids crabbing on the jetty right where we pick up and drop off... hours of fun for everyone.



THE COLNE CONNECTION



Pub Lunch River Cruise

Embrace the stunning coastal views and wildlife as our ferry takes you along the picturesque River Colne to Wivenhoe for a delicious meal at the renowned Black Buoy Inn.



Mersea and Beyond

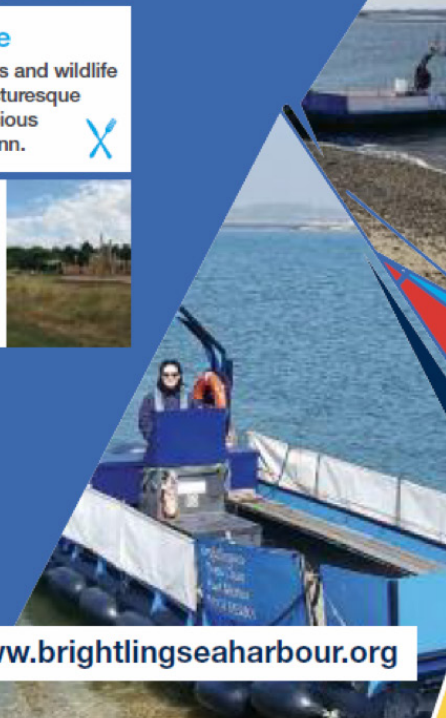
Explore Cudmore Grove Country Park by foot or by bike and admire the coastline and wildlife. Take the opportunity to visit the vineyard and local restaurant for a perfect day out.



- Brightlingsea Foot Ferry
- Brightlingsea Foot Ferry
- Brightlingsea Harbour
- @bseaharbour

For further information:

Call 01206 302200 or visit www.brightlingseaharbour.org





Foot Ferry crossing Brightlingsea - Point Clear - East Mersea

Our scheduled service runs daily as per our timetable taking you across the water to Brightlingsea Town, Mersea Island or Point Clear in St Osyth.



Brightlingsea to Point Clear 3 minutes by ferry.
20 miles by car.

Brightlingsea to East Mersea 9 minutes by ferry.
40 miles by car.

2021 Ferry Calendar

APRIL

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

MAY

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

JUNE

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

JULY

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

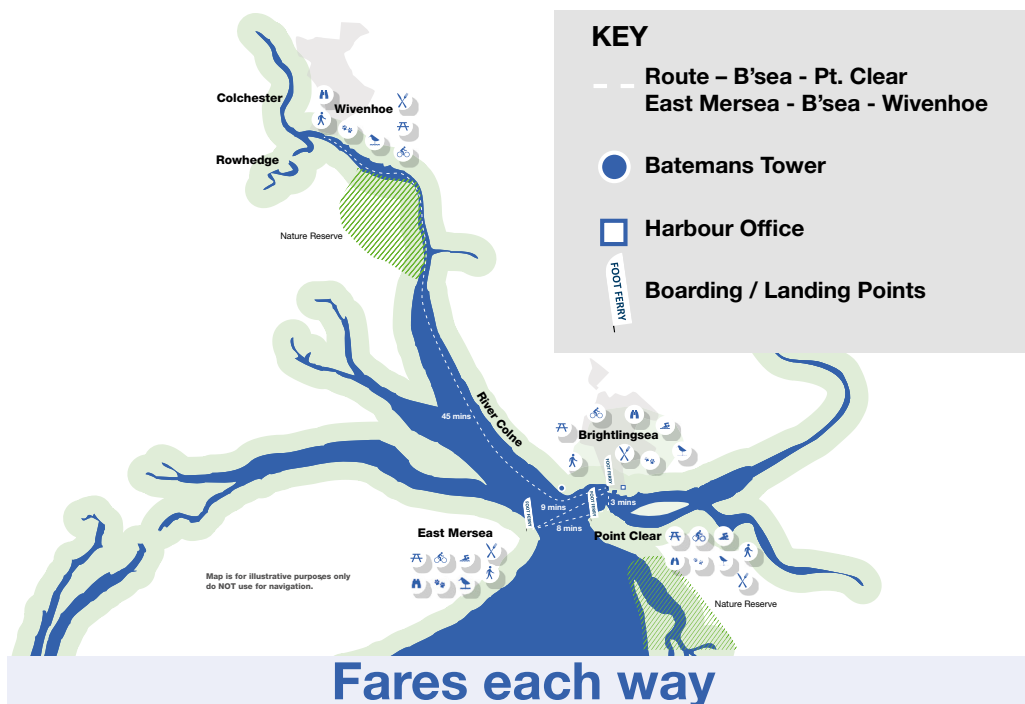
AUGUST

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26

Scheduled service. Reduced scheduled service, booking required 1 hour in advance of crossing.



Fares each way

ROUTES	ADULT / SENIOR CITIZEN	CHILD UNDER 16 YRS	CHILD UNDER 1 YR	DOGS	BIKES
Brightlingsea / Point Clear to East Mersea	£4.00	£3.00	FREE	FREE	£2.50
Brightlingsea to Point Clear	£2.50	£1.50	FREE	FREE	£1.50

For further information visit www.brightlingseaharbour.org

Find us: Brightlingsea Foot Ferry
Booking App COMING SOON

Timetable 2021

B'SEA ► POINT CLEAR	1000	1100	1200	1300	1400	1500	1600	1700*
POINT CLEAR ► EAST MERSEA	1005	1105	1205	1305	1405	1505	1605	1705*
EAST MERSEA ► POINT CLEAR	1015	1115	1215	1315	1415	1515	1615	1715*
POINT CLEAR ► B'SEA	1025	1125	1225	1325	1425	1525	1625	1725*

For Brightlingsea/Point Clear pickup & drop off we will be running at regular intervals during these times

Reduced schedule service times.

*only during the period 17/07/2021 to 05/09/2021 summer school holidays

www.brightlingseaharbour.org

Brightlingsea Town Map



- 1 Beach Café
- 2 Batemans Tower
- 3 Brightlingsea Beach
- 4 Children's Play Ground
- 5 Skate Park
- 6 Open Air Swimming Pool
- 7 Boating Lake
- 8 Lakeside Caravan and Camping Park
- 9 Sailing Club
- 10 The Yachtsman's Arms (Pub + Restaurant)
- 11 No.1 Harbour Square (Bar + Restaurant)

- 12 Brightlingsea Ferry Landing
- 13 Brightlingsea Hard
- 14 The Colne Yacht Club
- 15 Smack Preservation Society
- 16 French Marine (Marine Services + Chandlery)
- 17 Brightlingsea Harbour Commissioners
- 18 Boat Park and Ride + Rowing Club
- 19 Matt Plant (Marine services + Chandlery)
- 20 Oliver's Wharf
- 21 KTB Solutions (Print & Design)
- 22 DB Marine (Boat Engineers + Maintenance)

- 23 Advantage Sails (Sails)
- 24 Brightlingsea Boat Ma
- 25 Clear-to-see (Print + G
- 26 Morgan Marine (Marin
- 27 The Raj Pavilion (Resta
- 28 Health and Booty (Hea
- 29 Bumbles (Greengrocer
- 30 Plain N Purl (Knitting
- 31 D&L Electrical
- 32 Ye Olde Swan (Pub + B
- 33 Smiths Butchers



, Canopies and Covers)
 intainance and Chandlery
 raphics centre)
 e Services + Chandlery
 ument and Takeaway)
 ealth Foods + Products)
)
 shop)
 B & B)

- 34 Brightlingsea Bakery
- 35 The Courtyard Rooms (B&B)
- 36 Little Boat Gifts
- 37 Star Fast Food (Restaurant and Takeaway)
- 38 Winkies (Restaurant and Takeaway)
- 39 The Brewers Arms (Pub + B&B + Restaurant)
- 40 The Bargain Store
- 41 R. G. Prentice (Carpets and Flooring)
- 42 Dave's Barber Shop
- 43 John Fowlers Solicitors
- 44 Lucas Estate Agents

- 45 Chapman & Co. Jewellers
- 46 Spar (Groceries and Post Office)
- 47 East of England Co-op
- 48 Brightlingsea Museum
- 49 Community Centre
- 50 The Railway Tavern
- 51 Colne Medical Centre
- 52 Council Offices
- 53 Sorting Office
- 54 Spirals (Cards, Gifts + Stationery)
- 55 St James Church

DON'T MISS THE BOAT !



We're always launching fresh property for sale , but the housing market is buoyant so be quick!

Whether your looking for a bolthole by the sea or a traditional family home in the heart of the town, motor on over to our website www.townandcountryresidential.co.uk or our facebook page, and trawl through the many marvellous homes we have for sale throughout the area.

Have a home to sell?

As the leading Estate Agent in the area, with two busy branches covering Tendring & Colchester, why not give us a call for your FREE VALUATION? With our skilled negotiators at the helm, you'll be ship ahoy in no time!

Brightlingsea Branch
01206 302288

Wivenhoe Branch
01206 822212



rightmove



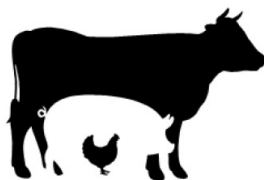
PrimeLocation.com



OnTheMarket



Town & Country
residential sales and lettings



SMITHS BUTCHERS

14 High Street, Brightlingsea CO7 0AE



01206 302 939

Shop online and home
delivery now available

www.smithsbutcher.co.uk

Marina Work - Piling Habitat

Exo Environmental have developed a novel piling habitat design (Figure 1), specified for deployment on traditional steel sheet piling. The aim of this hybrid nature-based solution (HNBS) is to encourage marine habitat development, increase species richness and ecosystem functioning at existing grey infrastructure, which are often unsuitable as habitat, a process known as 'greening the grey'.



Figure 1. Piling habitat design deployed in Brightlingsea Marina.

The designs consist of 3D printed moulds into which a specialised mix of stabilised dredged material is cast. The 3D printed moulds allowed for varying surface textures to be developed, to encourage initial biofilm growth.

The surface texture featured a 'beehive' pattern, designed to enhance the heterogeneity of the surface, and increase its bio-colonisation potential.

As well as surface texture, habitat 'cups' were also produced and placed into the surface of the textured slab. These cups are designed to trap water, to encourage the development of micro-niche marine rock pool habitats.

It is also anticipated that these habitat cups will introduce variable flow conditions, such as eddies, around the structure, to further enhance habitat diversity. These eddies also circulate water around the structure making floating food such as phytoplankton more available for filter feeders.

The two prototype slabs were installed on the eastern side of Brightlingsea marina in July 2020, using a custom steel bracket, at a specific height relative to the tides. This should ensure sufficient opportunity for organisms to migrate into the cups.

Future monitoring will establish the viability of this technology to provide habitat for the growth of biofilms and higher organisms.

As part of this monitoring campaign the piling habitat was studied in November 2020, to record initial first season bio-colonisation and monitor overwintering mortality rates. Initial findings were promising with individual 'cups' filled with marine mud (Figure 3), inhabited by macro benthic organisms, such as polychaetes- (worms) indicating a thriving ecosystem.



Figure 2. Piling habitat a day after deployment. Already showing the water and sediment retention capability.

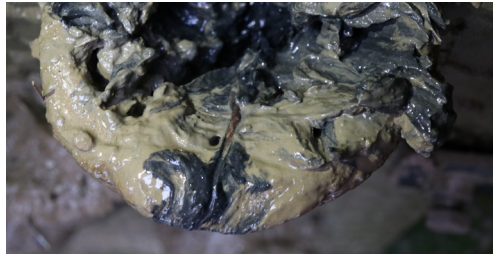


Figure 3. Piling habitat (December 2020), mud-filled cups.

Similar surface texture has been successfully deployed in other trial locations to further test the HNBS and bio colonisation potential. For example, within the first month after deployment, a honeycomb texture was colonised by periwinkles at our trial site in Cornwall.

EXO
Environmental

To find out more about NBS and our work, visit our website: www.exo-env.co.uk and follow us on Twitter: @Exo_Env

Transport Links

Trains

The nearest mainline train station from Brightlingsea is Wivenhoe, which is 6 miles away. Trains run frequently to Colchester Town Station which takes you into the heart of Colchester or to Colchester North Station taking you to London, Ipswich, Harwich International and Clacton on Sea. For further details visit www.nationalrail.co.uk

Taxis

NWC Taxis, Brightlingsea: 01206 302491



Buses

First Bus runs a frequent service to Colchester from Brightlingsea. Catch the number 62 from Victoria Place in the High Street, which is the main pick up point. The bus goes via Wivenhoe to Colchester town centre and some go onto Colchester North Station where the intercity trains to London Liverpool Street, Norwich and Harwich International depart from.



Clear To See

Print & Graphics Centre



www.cleartosea.com

www.cleartosee.co.uk

NO MINIMUM ORDER - DISCOUNT FOR QUANTITY

The Boatyard, Shipyard Estate, Brightlingsea, Essex. CO7 0AR



Work & Fun
Clothing Printed or
Embroidered

Printing - Short-run
and
Commercial

Signs, Banners,
Vehicle Graphics
& Shops

Signs & Banners
Van Graphics

Work Wear

Team Wear

Stationery

Leaflets

Boat Names

Boat Graphics

Print
& Graphics
Centre

The complete Marine
Graphics service for
commercial and
leisure boats.

Friendly & Competitive
from Design
to Delivery

T: 01206 305292 M: 07850 305784
studio@cleartosee.co.uk

Sophie Lea Fishing Charters

The best in charter sea fishing.

The longest established charter
boat in Brightlingsea with over
25 years experience.

Fantastic, fast catamaran, very
stable & spacious operating
seven days a week from
Brightlingsea, Essex.



Telephone: 07774 492856

email: lboly@btinternet.com

www.sophieleacharters.co.uk

Morgan Marine

One of the oldest boat yards in Brightlingsea belongs to Morgan Marine, who have been in business for nearly 50 years. Their 10-acre site offers everything from new and used boat sales, storage, workshop services, chandlery and clothing and park & ride; as well as a dedicated concrete slipway, supported by a 30-tonne boat hoist, crane and fleet of tractors.

Currently employing 18 staff they have built a solid reputation for supplying boats, equipment and services, always supported by sound advice and after sales care from a dedicated team. Specialists in Jeanneau, Highfield, Sea Ray, Honda, Yamaha, Mariner, Suzuki, Mercury, and Nanni products, they also support many other brands. All their engineers are factory-certified and receive annual refresher training to keep abreast of latest developments.

All this now backed up by a management team with over 25 years of top-flight Formula1 experience! Call Morgan Marine on 0206 302008 for further information or to discuss your requirements.



One of the best stocked chandleries in Essex



Experienced factory-trained technicians

The Boatyard



Morgan Marine's 10 acre boatyard right by the water, enabling them to offer a complete 360° service, from private slipway services and moorings to winter and restoration storage space as well as full workshop and engineering services, all just a stones throw from local amenities.



Always a great selection of new and used boats for sale



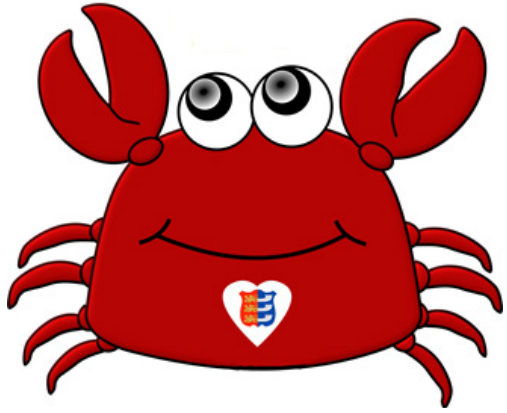
30-tonne hoist with experienced operators can tackle any job!

Lets go crabbing in Brightlingsea

Welcome to our Town.

We hope that you enjoy our environment, in particular the very popular activity of crabbing!

So that everyone can enjoy crabbing we have put together some guidelines that we hope will make your activity enjoyable and safe.



Do's and Don'ts

Do.... Act responsibly when crabbing on the floating causeway.

Don't.... block the causeway, remember other users will need to get past you.

Don't.... put too many crabs in one bucket. Stick to 10 per pail Do add rocks and seaweed to the bucket to help replicate the crab's natural environment and reduce stress.

Don't.... keep them all day long – return them to sea, gently please.

Do.... change the water every 10 minutes to avoid asphyxiation. Only keep the crabs in sea water.

Don't.... store your bucket in the sun.

Don't.... use a line with a hook on. Either tie your bacon on or use an old pair of tights/ bit of net to hold your bacon in.

Do.... hold your crab correctly - gently hold it either side of its shell or pick it up with one finger on top of the shell and one finger underneath - avoiding the claws though!

Do.... remove any crabs which are fighting - male crabs tend to be more aggressive than the ladies.

Do.... remember to take all your equipment and rubbish home with you. Discarded crabbing line can get caught around our seagulls and other wildlife, best to deposit them into the bin provided at the top of the causeway.

Do.... go crabbing. When done responsibly, crabbing is an excellent way to introduce children and the not so young to the marine ecology.

Happy crabbing!

Brightlingsea Town Council are grateful for the above content ©2019 Gone Crabbing. Gone Crabbing® is a registered trademark of Gone Crabbing Ltd.



MONDAY 8:00AM - 6.30PM
TUESDAY 8:00AM - 6.30PM
WEDNESDAY 8:00AM - 6.30PM
THURSDAY 8:00AM - 6.30PM
FRIDAY 8:00AM - 6.30PM
SATURDAY 8:00AM - 5.30PM

APPOINTMENTS CAN BE MADE AFTER NORMAL HOURS



THE BARGAIN STORE

Victoria Place, Brightlingsea. Tel: 01206 303868

**GIFTS, TOYS,
 CHILDREN'S BOOKS,
 DIY ITEMS, PET FOODS,
 CHINAWARE,
 HOUSEHOLD ITEMS,
 GLASSWARE, SLIPPERS**

Plus

GAMES, NOVELTIES, STATIONERY,
 CARDS, TOILETRIES,
 PRETTY POLLY TIGHTS, BOOTS,
 TOWELS, FARMHOUSE JAMS,
 GREENGROCERY, FRUIT
 and much, much more.

ALL UNDER ONE ROOF LOCALLY

D & L Electrical

17 High Street, Brightlingsea



01206 302905
 Electrical Sales
 Service & Repair
 (Early closing Thurs & Sat)



Little Boat Gifts

1 New Street, Brightlingsea, 304555

Greeting Cards • Personalised Gifts • Ready
 Made Picture Frames • Bespoke Picture
 Framing • Framed Prints & Original Art Work •
 Local Photography • Candles • Oil Burners •
 Wooden Toys • Gifts For Him & Her •

www.littleboatgifts.co.uk



KC Interiors

*Soft Furnishings for
 Home & Marine*

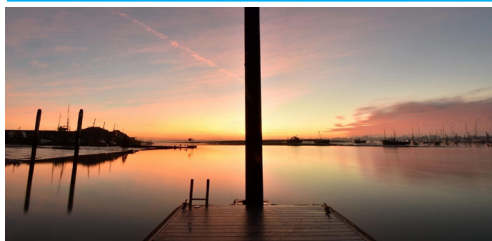
Garment alterations also undertaken

07957 887442

Brightlingsea Bakery



Try our great range of
**breads, rolls & cakes, snacks &
 fresh sandwiches. 01206 302488**
 4 High Street C07 OAE

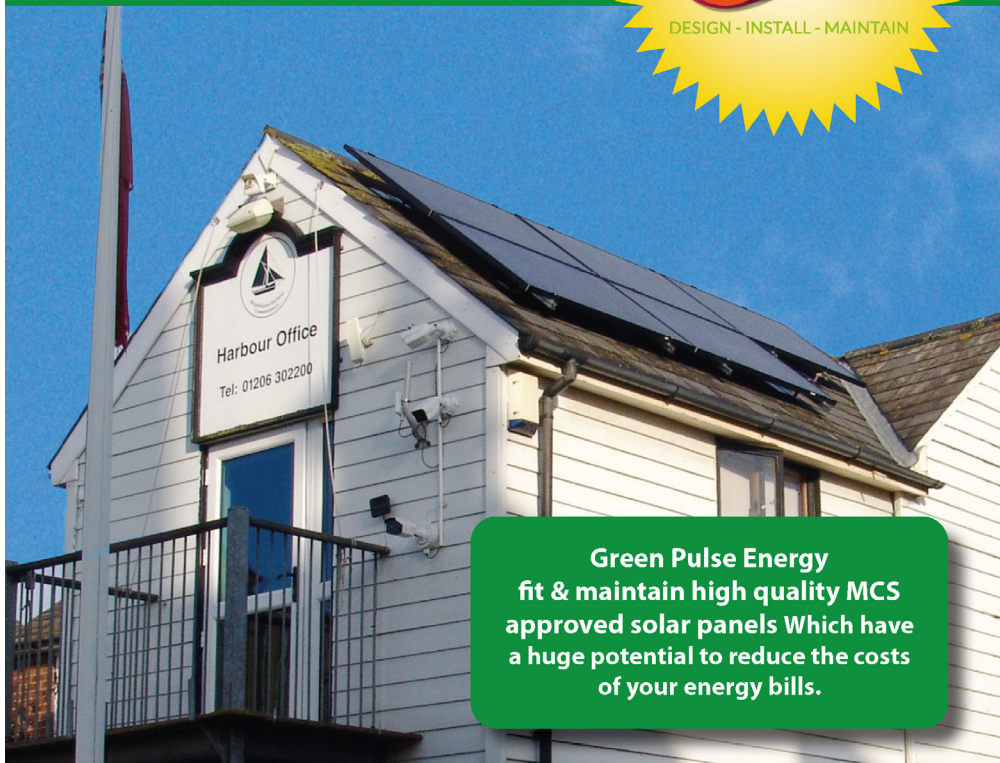


BRIGHTLINGSEA HARBOUR GOES GREEN

FITTED BY GREEN PULSE ENERGY



DESIGN - INSTALL - MAINTAIN



Green Pulse Energy
fit & maintain high quality MCS
approved solar panels Which have
a huge potential to reduce the costs
of your energy bills.

Solar Batteries

EV Charger

Commercial Solar

Green Homes Grant

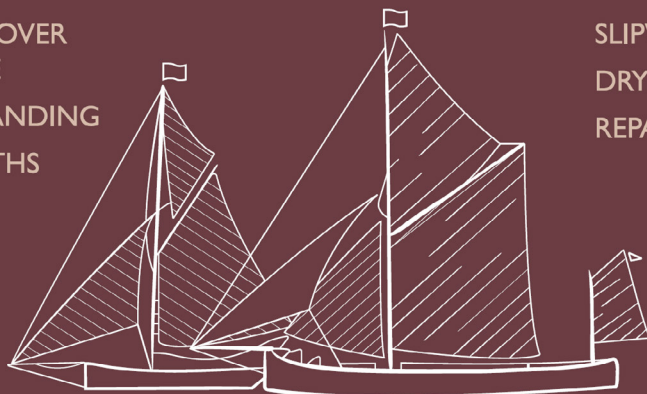


www.greenpulseenergy.co.uk - info@greenpulseenergy.co.uk
CALL US 01206 701801



UNDERCOVER
STORAGE
HARDSTANDING
MUDBERTHS

SLIPWAY
DRYDOCKING
REPAIRS



ST OSYTH BOATYARD

Mill Street, St Osyth, Clacton-on-Sea, Essex CO16 8EW

Tel: 01255 820005 Mob: 07547 539567 Email: office@stosythboatyard.co.uk

www.stosythboatyard.co.uk

Enjoy low-
impact
exercise all
year round in
the great
outdoors!

Try



Rowing & Sailing

with UCSC

- Friendly local club & gym
- Low subscription costs
- Social events and subsidised bar
- Regular rowing and sailing events
- RYA affiliated
- First two rowing sessions free



Visit: <https://ucscbrightlingsea.com/>

Or call: 0790 503 6688 (rowing)
0790 525 8914 (sailing)



The New Normal with COVID

All smaller high streets are unique but Brightlingsea has a vibrancy all of its own, the big names ran away years ago and we are left with a fiercely independent plethora of shops; Smiths' Butchers, Brightlingsea Bakers and Bumbles Greengrocers along with the deli, clothing boutiques, cards, gift, stationery shops, garden, ironmongery, jewellery, hairdresser and beauty salons.

Lloyds bank drive its money bus here every week although the Spar/post office can deal with most banking needs.

High class restaurants and cafes as well as many local hostelrys, many of whom serve food. Three supermarkets and a minimarket.

The Town Centre is undergoing full renaissance, more seating and gardens being put in place to enhance a visit to

the town. Plans for other improvement are already in the planning system.

We're not out of the pandemic yet but have put in place all COVID precautions to enable shoppers to go about the business of lockdown shopping safely. We look forward to a future when we can chat without masks and not having to stand at arm's length to each other.

During lockdown community volunteers came together and shopped and visited those that were in isolation. Local shops also delivered to residents who needed support and that included pubs and restaurants delivering meals.

So please come and visit when you arrive in Brightlingsea, we can't wait to see you!

Jayne Chapman
Brightlingsea Deputy Mayor



**BRIGHTLINGSEA
FLORIST**

FLOWERS FOR ALL OCCASIONS

30 High Street • Brightlingsea
Colchester • Essex • CO7 0AG

Tel: 07534 601 272

hello@jennyelizabethflowers.co.uk

www.jennyelizabethflowers.co.uk

FLOWERS

- Weddings
- Nationwide Delivery
- Funerals
- Gifts

EVENT STYLING

- Birthdays
- Weddings
- Flower Backdrops
- Balloon Arches
- Teepee Parties
- and much more!

 [JennyElizabethFlowers](https://www.facebook.com/JennyElizabethFlowers)

 [#jennyelizabethflowers](https://www.instagram.com/jennyelizabethflowers)

Brightlingsea Coastal Rowing Club



Everyone welcome, join a well established Club.

Fantastic social and racing activities.

No experience necessary full training given.

Contact 07762208882

For a free 'Come & Try' Date.

Based at Brightlingsea Park & Ride .

www.brightlingseacoastalrowingclub.co.uk

Brightlingsea Coastal Rowing Club

If you like getting out on the water and like or think you might like rowing, Brightlingsea Coastal Rowing Club (BCRC) is a Club for all ages and abilities. Leisure rowing ,fitness training and racing with other clubs with similar boats.

The club has two boats with BCRC, 'Velocity' and 'Vanduaara'.

Four rowers and a cox make up the crew, sometimes it is a requirement to take one passenger, The Great River Race on the Thames for example a 21.6 miles long from Millwall mud slip to Richmond under 28 Bridges.

In the 2019 race the Velocity crew came in at 220 out of 320 all crewmembers were over 70.

Sadly there was not a Race this year due to the Coronavirus.

Rowing the local area is very enjoyable, exploring creeks that cannot be accessed from the land and seeing that which can only be seen from the water. Respect however must be given to the tide and weather.

Velocity rows mostly during the week with its retired crew and often rows to Wivenhoe or Rowhedge on the River Colne carrying the tide there and back to Brightlingsea keeping to the middle of the river where the tide runs faster, although ther are other places like St. Osyth, Flag and Ray creeks to list a few.

Brightlingsea Coastal Rowing Club



Everyone welcome, join a well established Club.

Fantastic social and racing activities.

No experience necessary full training given.

Contact 07762208882

For a free 'Come & Try' Date.

Based at Brightlingsea Park & Ride .

www.brightlingseacoastalrowingclub.co.uk

Go with the flow

By Chris Lewis-Garnham, RNLI Volunteer at West Mersea Lifeboat Station

It's all about getting away from the hustle and bustle of daily life. It's a really friendly and inclusive sport that caters for every level from complete beginner to professional. Whatever your skill level is, spending time on the water (and sometimes in it!) is calming and peaceful. It's also a great social activity, I have made some great friends through SUP. The beauty of SUP is that you really can go anywhere, the gear is light, easily transportable and of course locally you can get to places inaccessible to others.

There are absolutely loads of places to go and explore. You can stay close to shore whilst being 'at sea' off Mersea Island, around the creeks of Alresford, Ray, Pyefleet and the beaches of Brightlingsea. For the more adventurous you can follow the River Colne all the way into Colchester - not for the faint hearted! There are some lovely inland areas fairly local too - Dedham, Nayland and Bures all have easily accessible launching areas.

Brightlingsea Harbour area is busy with a mix of leisure and commercial vessels. During the summer months the many local harbours are extremely busy and with the prolific rise in SUPs there is now even more traffic. The area is renowned for its oysters, but as well as fishing boats you have pilot boats, ferries, tugs, survey vessels, sand barges

and container vessels and of course a variety of leisure craft from jet-skis to super yachts.

I'd always advise going out with a guide if you're new to the area. Make sure you have the correct equipment; wetsuit, buoyancy aid, leash (in fast flowing water a quick release waist leash not an ankle leash) and a means of communication in a waterproof pouch as a bare minimum. Let someone know you are going out and an approximate time you'll be back. If you are long overdue, they can then raise the alarm.

It is also important to understand the effect of tide, if you are able to paddle at walking pace and the tide is running against you at a similar pace you go nowhere, if you go with it you will go quickly to somewhere you never set out to go. To try and avoid this stay in shallow water.

It's important to learn the 'rules of the road', especially in and around Brightlingsea Harbour. Knowing what the different buoys mean and who has right of way will not only make your visit more enjoyable, but also safer. Remember that a large vessel may not see you and will certainly not be able to turn away from you.

If you fancy joining the ever increasing numbers of SUPs, just spend some time doing a little preparation, know the rules and do it safely. I'll see you out there.





Essex
CEMENT

Quality Cement Sales
Stevedoring & Wharfage
Port of Brightlingsea

T 01206 588488
E sales@essex-cement.co.uk
W essex-cement.co.uk

Essex Cement Limited: Olivers Wharf, Shipyard Estate, Waterside, Brightlingsea CO7 0AR



Come and train with us!

- Powerboating (All Levels)
- Marine Radio
- Personal Watercraft
- Sea Survival
- Shorebased Navigation
- ... and more!



We also offer online courses and 'Own Boat' Tuition



www.essexmarinettraining.co.uk



07852 362 192



@essex_marine



/essexmarinettraining



courses@essexmarinettraining.co.uk



Nature-Based Solutions at St Osyth's Borrow Pits

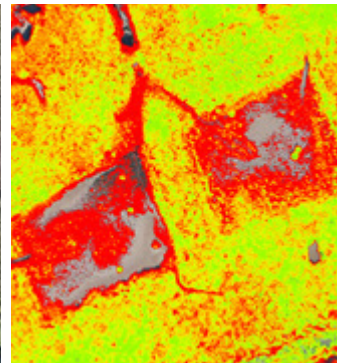
Brightlingsea is an important harbour for mixed leisure and commercial shipping. However, due to its tidal nature and geomorphology, accumulation of marine sediment is an ongoing challenge.

This sedimentation had a significant impact on the safe navigation and access to the harbour, especially for larger (>80m) cargo and wind turbine support vessels. This was significantly affecting the economic output of the harbour, having a detrimental knock on effect to the wider community.

To combat this issue, Brightlingsea Harbour commissioners (BHC) alongside Exo Environmental Ltd, developed a dredging campaign which focused on 'Working with Nature' and re-using dredged sediment.

As part of the USAR project, BHC dredged 35,000m³ of sediment from the navigational channels. This sediment was pumped to re-use sites throughout the harbour, including the St. Osyth Borrow pits (SOP) and Cindery island west (CW). Selection of the re-use sites was based on historical saltmarsh extents, determined from 'RAF' images dating back to 1947.

The dredged sediment was used to restore 3ha of intertidal mudflat and saltmarsh habitat, forming a layer of sediment upon which salt tolerant plants can grow. Saltmarsh plants trap sediment, which increases the habitat elevation over time, providing a defence that adapts to sea level rise.



The regenerated saltmarsh also reduces erosive wave energy, decreasing costs associated with maintenance of 'hard' or 'grey' coastal defences such as sea walls. Lastly, the carbon absorbing ability of these habitats adds further value in the fight against climate change.

Demonstrating successful restoration, monitoring showed an increase in shear strength of the deposited sediment from 2017-2020. This is caused by dewatering and plant growth. Saltmarsh establishing in the restoration sites is further shown by drone and GNDVI (Green Normalised Difference Vegetation Index) surveys of this location. GNDVI measures photosynthetic activity and as seen below the bright yellow and red areas indicate increased activity and presence of mature and pioneer plant growth.

The deposited sediment effectively jump starts the regeneration of saltmarsh in areas where natural sediment accretion rates are insufficient. The USAR pilot in Brightlingsea proved that waste dredged sediment is suitable for habitat restoration and demonstrated the feasibility of using sediment as a resource and utilizing nature in coastal management strategies.

EXO
Environmental

To find out more about NBS and our work, visit our website: www.exo-env.co.uk and follow us on Twitter: @Exo_Env



Photos courtesy of Exo Environmental Ltd

Border Force

Border Force is a law-enforcement command within the Home Office responsible for frontline border control operations at air, sea and rail ports in the United Kingdom.

As part of a local maritime command, North Essex is covered by Border Force Officers based at Harwich International Port. They cover British coastline as well as the complex estuaries, navigable rivers, coves, inlets, ports and harbours.

Threats to the border include the illegal migration (human trafficking or modern slavery), and the illegal importation of controlled drugs, cigarettes or tobacco, weapons or proceeds of crime (cash) into the United Kingdom.



As a law enforcement agency, they are reliant on information and intelligence from members of the maritime community to be successful at cracking down on border related crime.

As a member of the maritime community, you can help by being aware of the following:

- **Suspicious activity in marinas, sailing and cruising clubs – people asking too many questions or not willing to give basic information when making a booking**
- **Vessels crewed by people with poor, little or no ship handling skills**
- **Vessels in a state of disrepair at sea/on the river**
- **Buoys/Pot markers in unusual places**
- **Purchasing excessive amounts of fuel**
- **Overheard suspect radio communications**
- **Anything that doesn't seem "right"**

If you see anything unusual or have information (you can remain anonymous) please report it to our **Border Force 24 hour on-call General Maritime Intelligence reporting number** on **07900 056 435**.

Help us to help secure our British borders.



French Marine Motors Ltd.

Marine Engineers and Chandlers

www.frenchmarine.com

French Marine Motors have been a trusted part of the boating community here in Brightlingsea for many years.

Conveniently located opposite the famous Brightlingsea Hard, our head office is a recognisable part of the skyline to many locals.

Since its humble beginnings in 1951 French Marine Motors has grown in size to become one of the most prominent marine engineering companies in the country, now occupying four prime locations in East Anglia.

With our impressive and extensive list of services on offer we are confident we can fulfil the needs of every boating enthusiast, pleasure seekers and professionals alike.

- A full range of genuine engine parts in stock
- Propeller restoration
- Engine servicing
- Complete engine rebuilds
- New Engine installation
- Machining services
- Fully stocked traditional chandlery
- Stern gear fabrication

61-63 Waterside, Brightlingsea, Essex, CO7 0AX - Tel: 01206 302133

**VOLVO
PENTA**

YANMAR

vetus

Perkins®

YAMAHA

MERCURY

merCruiser

SCANIA



JOHN DEERE

BUKH
since 1899

Brightlingsea Boat Maintenance



Marine Engineering
Boat Maintenance
Rigging
Boat Storage
Chandlery

Mobile: 07879 006935 Office: 01206 303744

brightlingseaboatmaintenance.com

garyhummm@btinternet.com

Adjacent to Unit 15 - 16
Shipyard Estate, Brightlingsea. Essex. CO7 0AR



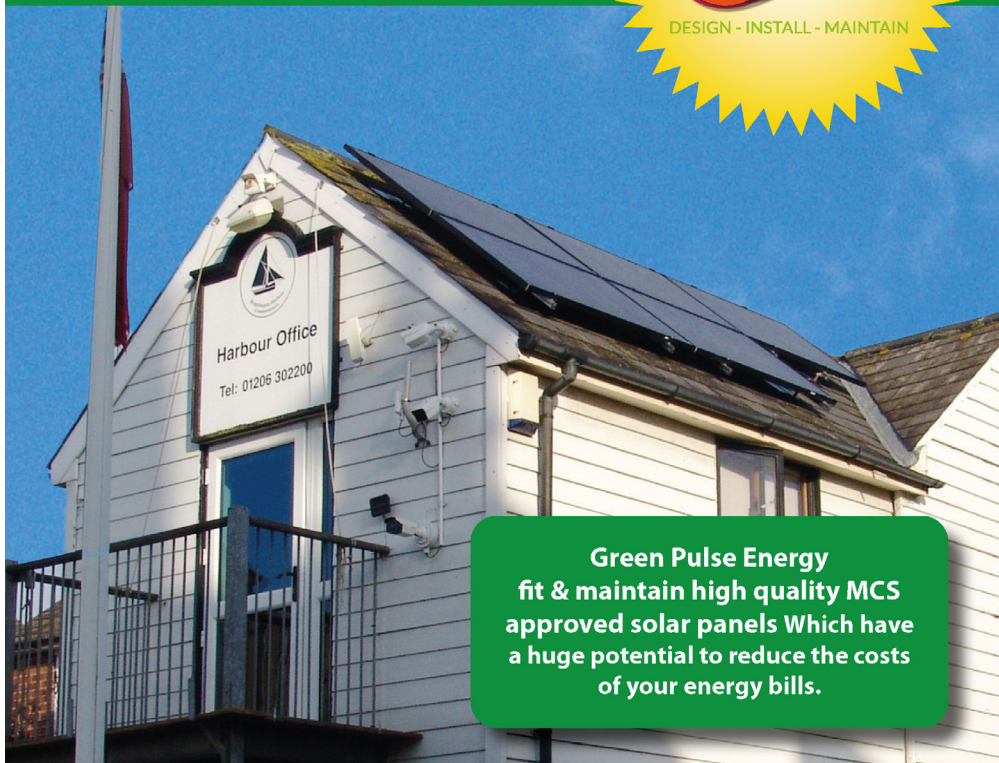
COLNE MAINTENANCE DREDGING LTD

BRIGHTLINGSEA HARBOUR GOES GREEN

FITTED BY GREEN PULSE ENERGY



DESIGN - INSTALL - MAINTAIN



Green Pulse Energy
fit & maintain high quality MCS
approved solar panels Which have
a huge potential to reduce the costs
of your energy bills.

Solar Batteries

EV Charger

Commercial Solar

Green Homes Grant



www.greenpulseenergy.co.uk - info@greenpulseenergy.co.uk
CALL US 01206 701801



ENGLAND — BRIGHTLINGSEA

LAT 51°48'N LONG 1°00'E

TIME ZONE UT(GMT)

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2021

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0111 4.9 0729 0.5 F 1326 5.0 1927 0.9		16 0152 5.0 0819 0.3 SA 1414 5.0 2017 1.0		1 0219 5.0 0830 0.2 M 1437 5.2 2029 0.7		16 0243 4.9 0852 0.4 TU 1507 4.6 2051 0.9		1 0120 5.2 0736 0.1 M 1338 5.3 2004 0.6		16 0142 5.0 0758 0.3 TU 1404 4.7 2003 0.7		1 0215 5.5 0821 0.1 TH 1440 5.0 2036 0.5		16 0213 4.9 0809 0.6 F 1431 4.6 2030 0.7	
2 0150 4.9 0805 0.4 SA 1406 5.0 2000 0.9		17 0233 4.9 0851 0.4 SU 1456 4.9 2048 1.0		2 0258 5.0 0906 0.2 TU 1519 5.0 2107 0.9		17 0314 4.7 0915 0.5 W 1541 4.4 2118 1.0		2 0200 5.3 0812 0.1 TU 1420 5.2 2015 0.6		17 0212 5.0 0820 0.4 W 1434 4.6 2027 0.7		2 0255 5.3 0856 0.3 F 1522 4.7 2114 0.6		17 0245 4.7 0832 0.7 SA 1500 4.4 2058 0.7	
3 0230 4.9 0841 0.4 SU 1448 4.9 2037 1.0		18 0310 4.7 0922 0.5 M 1538 4.6 2117 1.1		3 0338 4.9 0943 0.3 W 1603 4.7 2147 1.0		18 0348 4.6 0941 0.6 TH 1615 4.1 2150 1.1		3 0239 5.3 0845 0.1 W 1500 5.0 2051 0.6		18 0243 4.9 0840 0.5 TH 1503 4.4 2052 0.9		3 0339 5.0 0936 0.6 SA 1607 4.4 2200 0.7		18 0317 4.4 0859 0.9 SU 1535 4.1 2130 0.9	
4 0309 4.7 0919 0.4 M 1532 4.9 2119 1.0		19 0348 4.6 0952 0.6 TU 1620 4.3 2150 1.2		4 0419 4.9 1025 0.4 TH 1652 4.6 2234 1.1		19 0425 4.3 1014 0.9 F 1655 3.8 2230 1.2		4 0317 5.2 0919 0.3 TH 1543 4.7 2129 0.7		19 0313 4.6 0903 0.6 F 1533 4.3 2121 1.0		4 0430 4.7 1027 1.0 SU 1703 4.0 2256 0.9		19 0355 4.3 0935 1.1 M 1617 4.0 2212 1.1	
5 0352 4.6 1001 0.5 TU 1620 4.7 2205 1.1		20 0427 4.4 1027 0.7 W 1706 4.0 2229 1.3		5 0509 4.6 1119 0.6 F 1750 4.3 2339 1.1		20 0511 4.0 1057 1.1 SA 1748 3.7 2330 1.4		5 0358 5.0 0959 0.5 F 1629 4.4 2214 0.9		20 0347 4.4 0930 0.9 SA 1606 4.0 2154 1.1		5 0538 4.3 1140 1.2 M 1816 3.7		20 0445 4.0 1024 1.4 TU 1717 3.7 2323 1.2	
6 0440 4.6 1051 0.5 W 1715 4.4 2259 1.2		21 0514 4.1 1111 0.9 TH 1756 3.8 2324 1.4		6 0611 4.4 1234 0.7 SA 1859 4.0		21 0611 3.7 1227 1.3 SU 1856 3.5		6 0446 4.7 1048 0.7 SA 1723 4.1 2311 1.0		21 0425 4.1 1005 1.1 SU 1651 3.7 2239 1.2		6 0027 1.0 1318 1.4 TU 1949 3.7		21 0551 3.7 1205 1.5 W 1838 3.5	
7 0537 4.4 1159 0.5 TH 1818 4.4		22 0608 4.0 1221 1.1 F 1854 3.7		7 0103 1.2 0731 4.3 SU 1357 0.9 2020 4.0		22 0116 1.4 0729 3.5 M 1406 1.4 2013 3.5		7 0549 4.3 1204 1.0 SU 1834 3.8		22 0517 3.8 1059 1.4 M 1756 3.5		7 0949 1.0 1837 4.1 W 1456 1.3 2112 4.0		22 0116 1.1 0725 3.8 TH 1357 1.4 2004 3.7	
8 0014 1.2 0642 4.4 F 1312 0.6 1929 4.3		23 0052 1.5 0712 3.8 SA 1339 1.2 1957 3.7		8 0234 1.1 0855 4.3 M 1520 1.0 2140 4.1		23 0246 1.3 0849 3.7 TU 1525 1.3 2130 3.8		8 0040 1.1 0718 4.0 M 1337 1.2 2007 3.7		23 0009 1.3 0632 3.5 TU 1312 1.5 1924 3.4		8 0354 0.7 0948 4.4 TH 1613 1.2 2123 4.3		23 0237 0.9 0844 4.1 F 1509 1.2 2114 4.1	
9 0137 1.2 0757 4.4 SA 1425 0.6 2041 4.4		24 0218 1.4 0819 3.8 SU 1452 1.2 2105 3.8		9 0403 0.9 1006 4.4 TU 1637 1.0 2244 4.4		24 0400 1.0 0956 4.0 W 1630 1.1 2229 4.1		9 0226 1.1 0849 4.1 TU 1513 1.2 2133 4.0		24 0200 1.2 0810 3.7 W 1446 1.4 2049 3.7		9 0457 0.5 1041 4.7 F 1705 1.0 2259 4.6		24 0342 0.5 0944 4.6 SA 1606 1.0 2209 4.6	
10 0254 1.1 0909 4.6 SU 1535 0.6 2149 4.6		25 0331 1.2 0925 4.0 M 1559 1.1 2205 4.1		10 0520 0.6 1104 4.7 W 1739 0.9 2334 4.7		25 0459 0.7 1048 4.4 TH 1720 1.0 2316 4.6		10 0407 0.9 1004 4.4 W 1632 1.1 2235 4.3		25 0321 1.0 0925 4.0 TH 1554 1.2 2156 4.1		10 0544 0.4 1122 4.7 SA 1746 0.9 2337 4.7		25 0439 0.3 1035 4.9 SU 1657 0.7 2257 4.9	
11 0408 0.9 1012 4.7 M 1642 0.6 2247 4.7		26 0435 1.0 1021 4.3 TU 1656 1.0 2254 4.4		11 0613 0.4 1153 4.9 TH 1821 0.9 ●		26 0549 0.5 1133 4.7 F 1759 0.9		11 0517 0.5 1059 4.7 TH 1728 1.0 2323 4.6		26 0423 0.6 1021 4.4 F 1647 1.0 2246 4.4		11 0614 0.4 1158 4.9 SU 1815 0.7		26 0529 0.2 1121 5.2 M 1746 0.6 2341 5.2	
12 0517 0.6 1107 5.0 TU 1744 0.7 2339 4.9		27 0527 0.7 1109 4.4 W 1743 1.0 2337 4.6		12 0019 4.9 0654 0.3 F 1237 5.0 1857 0.9		27 0000 4.7 0625 0.3 SA 1216 5.0 1833 0.7		12 0605 0.4 1107 4.9 F 1807 0.9		27 0517 0.4 1107 4.7 SA 1733 0.7 2330 4.9		12 0012 4.9 0640 0.4 M 1231 4.9 1844 0.7		27 0612 0.1 1207 5.3 TU 1825 0.5 O	
13 0613 0.5 1158 5.2 W 1828 0.7 ●		28 0607 0.6 1152 4.7 TH 1816 0.9 O		13 0058 5.0 0729 0.2 SA 1317 5.0 1928 0.7		28 0040 5.0 0701 0.2 SU 1257 5.2 1905 0.6		13 0004 4.7 0638 0.3 SA 1222 4.9 1838 0.7		28 0601 0.2 1150 5.0 SU 1811 0.6 O		13 0042 5.0 0704 0.4 TU 1302 4.9 1913 0.6		28 0026 5.5 0649 0.1 W 1252 5.3 1905 0.4	
14 0027 5.0 0659 0.4 TH 1246 5.2 1908 0.7		29 0020 4.9 0643 0.4 F 1234 4.9 1848 0.9		14 0136 5.0 0801 0.3 SU 1356 4.9 1958 0.9		14 0040 4.9 0708 0.3 SU 1257 4.9 1908 0.7		14 0040 4.9 0708 0.3 SU 1257 4.9 1908 0.7		29 0013 5.2 0638 0.1 M 1233 5.3 1846 0.5		14 0111 5.0 0728 0.4 W 1323 4.7 1940 0.6		29 0109 5.6 0726 0.2 TH 1335 5.3 1944 0.4	
15 0110 5.0 0741 0.3 F 1330 5.2 1944 0.9		30 0059 5.0 0719 0.3 SA 1314 5.0 1920 0.7		15 0210 5.0 0828 0.3 M 1432 4.7 2026 0.9		15 0112 5.0 0735 0.3 M 1331 4.9 1936 0.7		30 0054 5.3 0713 -0.1 TU 1315 5.3 1922 0.5		15 0142 5.0 0749 0.5 TH 1402 4.7 2006 0.6		30 0153 5.6 0802 0.3 F 1419 5.0 2024 0.4			
		31 0140 5.0 0754 0.2 SU 1356 5.2 1954 0.7						31 0134 5.5 0748 -0.1 W 1357 5.3 1958 0.5							

ENGLAND — BRIGHTLINGSEA

LAT 51°48'N LONG 1°00'E

TIME ZONE UT(GMT)

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2021

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0238	5.5	16 0222	4.7	1 0409	4.7	16 0326	4.6	1 0444	4.6	16 0358	4.7	1 0541	4.0	16 0514	4.4
SA 0840	0.5	SU 0811	0.9	TU 0957	1.2	W 0913	1.1	TH 1019	1.2	F 0944	1.1	SU 1110	1.4	M 1059	1.2
SA 1504	4.7	SU 1439	4.4	TU 1633	4.3	W 1549	4.4	TH 1700	4.4	F 1618	4.7	SU 1752	4.3	M 1734	4.6
2106	0.5	2044	0.7	2239	0.6	2155	0.6	2304	0.6	2223	0.5	2359	1.1	2349	0.9
2 0325	5.0	17 0257	4.6	2 0512	4.4	17 0413	4.4	2 0539	4.3	17 0447	4.6	2 0635	3.8	17 0617	4.1
SU 0922	0.9	M 0841	1.0	W 1049	1.3	TH 0959	1.2	F 1107	1.3	SA 1030	1.2	M 1228	1.4	TU 1219	1.2
2152	0.6	2117	0.7	2348	0.7	2245	0.7	2315	0.6	2315	0.6	M 1853	4.0	TU 1846	4.4
3 0419	4.6	18 0338	4.3	3 0618	4.3	18 0508	4.4	3 0005	0.7	18 0543	4.4	3 0112	1.2	18 0115	1.1
M 1012	1.1	TU 0919	1.1	TH 1202	1.4	W 1054	1.3	SA 0635	4.1	SU 1131	1.2	TU 0737	3.8	W 0736	4.0
M 1649	4.1	TU 1559	4.1	TH 1838	4.1	F 1736	4.3	SA 1220	1.4	SU 1804	4.6	TU 1352	1.4	W 1353	1.2
2248	0.7	2200	0.9	2354	0.6	2354	0.6	1848	4.1			2000	4.0	2014	4.3
4 0529	4.3	19 0426	4.1	4 0107	0.7	19 0612	4.3	4 0110	0.9	19 0027	0.6	4 0229	1.3	19 0242	1.1
TU 1115	1.3	W 1009	1.3	F 0727	4.1	SA 1211	1.3	W 0736	4.0	M 0647	4.3	W 0848	4.0	TH 0904	4.1
TU 1758	3.8	W 1655	4.0	F 1924	1.4	SA 1840	4.3	SU 1336	1.4	M 1251	1.2	W 1511	1.3	TH 1525	1.1
		2301	1.0	1946	4.1			1949	4.1	1914	4.4	2110	4.1	2133	4.6
5 0013	0.9	20 0528	4.0	5 0223	0.7	20 0109	0.6	5 0216	1.0	20 0143	0.7	5 0343	1.2	20 0403	1.1
M 0649	4.1	TH 1123	1.4	SA 0833	4.3	W 0722	4.4	M 0838	4.1	TU 0800	4.3	TH 0952	4.1	W 1017	4.4
W 1246	1.4	TH 1804	3.8	SA 1438	1.3	SU 1331	1.2	M 1447	1.3	TU 1413	1.1	TH 1822	1.1	F 1649	0.7
1919	3.8			2049	4.1	1949	4.4	2051	4.1	2028	4.6	2210	4.3	2239	4.9
6 0153	0.9	21 0033	0.9	6 0330	0.7	21 0219	0.5	6 0320	1.0	21 0256	0.7	6 0447	1.1	21 0513	1.0
TH 0809	4.1	F 0644	4.1	SA 0930	4.4	W 0830	4.6	M 0935	4.3	TH 0913	4.4	1044	4.4	1112	4.7
TH 1418	1.4	F 1300	1.3	SU 1542	1.2	M 1445	1.1	TU 1553	1.2	W 1531	1.0	F 1718	0.9	SA 1754	0.5
2036	4.0	1921	4.0	2142	4.4	2056	4.7	2146	4.3	2138	4.7	2258	4.6	2332	5.0
7 0321	0.6	22 0154	0.6	7 0419	0.7	22 0324	0.4	7 0418	1.0	22 0409	0.7	7 0536	1.1	22 0604	1.0
0918	4.4	SA 0801	4.3	M 1016	4.4	TU 0934	4.7	1025	4.4	TH 1020	4.6	1127	4.6	1200	4.9
F 1535	1.2	SA 1418	1.2	M 1633	1.0	TU 1552	0.9	W 1650	1.0	TH 1646	0.7	SA 1801	0.7	SU 1837	0.4
2137	4.3	2030	4.3	2226	4.6	2157	4.9	2235	4.4	2240	5.0	2341	4.7	O	
8 0423	0.5	23 0300	0.5	8 0459	0.7	23 0426	0.4	8 0509	1.0	23 0516	0.7	8 0611	1.0	23 0019	5.2
1010	4.6	SU 0907	4.6	W 1056	4.6	W 1032	4.9	TH 1108	4.6	F 1117	4.7	0929	4.9	0642	0.9
SA 1629	1.1	SU 1523	1.0	TU 1719	0.9	W 1856	0.7	TH 1740	0.9	F 1754	0.6	SU 1835	0.5	M 1242	5.0
2226	4.4	2130	4.6	2305	4.7	2252	5.2	2318	4.6	2335	5.2	●		1916	0.3
9 0508	0.5	24 0359	0.3	9 0538	0.7	24 0526	0.5	9 0553	0.9	24 0610	0.7	9 0023	4.9	24 0100	5.2
SU 1052	4.7	M 1003	4.9	W 1133	4.7	TH 1125	5.0	1147	4.7	SA 1208	4.9	0641	1.0	0716	0.9
SU 1711	1.0	M 1621	0.9	W 1759	0.7	TH 1757	0.5	F 1817	0.7	SA 1843	0.4	M 1247	5.0	TU 1320	5.2
2304	4.7	2224	5.0	2341	4.7	O 2343	5.3			O		1907	0.4	1950	0.3
10 0543	0.5	25 0455	0.2	10 0610	0.7	25 0616	0.5	10 0000	4.7	25 0027	5.3	10 0101	5.0	25 0140	5.2
1128	4.7	W 1054	5.0	W 1209	4.7	F 1216	5.0	M 0625	0.9	SU 0653	0.7	0711	0.9	0749	0.9
M 1750	0.9	TU 1717	0.6	TH 1833	0.6	F 1845	0.4	SA 1227	4.7	SU 1255	5.0	TU 1325	5.0	W 1357	5.2
2338	4.7	2313	5.3	●				● 1850	0.6	1928	0.3	1941	0.4	2020	0.4
11 0608	0.5	26 0548	0.2	11 0018	4.9	26 0034	5.5	11 0039	4.9	26 0114	5.3	11 0140	5.2	26 0218	5.0
1202	4.7	W 1142	5.2	TH 0639	0.7	W 0700	0.6	0654	0.9	0732	0.9	0742	0.9	0819	0.9
TU 1820	0.7	W 1807	0.5	F 1243	4.7	SA 1304	5.0	SU 1304	4.9	M 1339	5.2	W 1403	5.2	TH 1431	5.2
●		O		1904	0.6	1931	0.4	1922	0.5	2008	0.3	2014	0.3	2046	0.5
12 0011	4.9	27 0001	5.5	12 0054	4.9	27 0123	5.5	12 0117	4.9	27 0200	5.2	12 0219	5.2	27 0254	4.9
0635	0.5	0629	0.3	W 0705	0.7	TH 0742	0.7	0723	0.9	0808	0.9	0814	0.9	0846	1.0
W 1234	4.7	TH 1230	5.2	SA 1317	4.7	SU 1352	5.0	M 1342	4.9	TU 1421	5.2	TH 1440	5.2	F 1504	5.0
1851	0.6	1851	0.4	1934	0.6	2016	0.3	1956	0.5	2045	0.3	2047	0.4	2109	0.6
13 0043	4.9	28 0048	5.6	13 0130	4.9	28 0213	5.3	13 0156	4.9	28 0244	5.0	13 0257	5.0	28 0330	4.6
0659	0.5	0710	0.4	0731	0.9	0821	0.9	0753	0.9	0842	1.0	0849	0.9	0914	1.1
TH 1304	4.7	F 1317	5.2	SU 1352	4.7	M 1439	5.0	TU 1420	4.9	W 1501	5.0	F 1516	5.0	SA 1537	4.7
1920	0.6	1935	0.4	2005	0.6	2059	0.4	2030	0.4	2118	0.4	2121	0.4	2134	0.7
14 0115	4.9	29 0135	5.6	14 0207	4.7	29 0302	5.0	14 0235	4.9	29 0327	4.9	14 0338	4.9	29 0404	4.3
0723	0.6	0750	0.5	0759	0.9	0859	1.0	0827	0.9	0914	1.1	0925	1.0	0943	1.2
F 1335	4.7	SA 1403	5.0	M 1429	4.6	TU 1524	4.9	W 1457	4.7	TH 1540	4.9	SA 1554	5.0	SU 1614	4.6
1947	0.6	2019	0.4	2037	0.6	2139	0.4	2106	0.5	2148	0.5	2157	0.5	2203	1.0
15 0148	4.9	30 0224	5.3	15 0245	4.7	30 0352	4.7	15 0315	4.7	30 0409	4.6	15 0422	4.6	30 0443	4.1
0745	0.7	SU 0830	0.7	0833	1.0	0938	1.1	0945	1.0	0945	1.2	1007	1.1	1021	1.3
SA 1406	4.6	SU 1451	4.9	TU 1506	4.4	W 1610	4.6	TH 1537	4.7	F 1619	4.7	SU 1639	4.9	M 1659	4.3
2014	0.6	2102	0.4	2114	0.6	2220	0.5	2142	0.5	2220	0.7	2241	0.7	2245	1.3
		31 0314	5.0							31 0453	4.3			31 0533	3.8
		M 0912	1.0							SA 1022	1.3			TU 1116	1.4
		M 1540	4.6							2172	4.4			TU 1758	3.8
		2148	0.5							2258	0.9				

ENGLAND — BRIGHTLINGSEA

LAT 51°48'N LONG 1°00'E

TIME ZONE UT(GMT)

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2021

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0007	1.5	16 0057	1.4	1 0050	1.8	16 0216	1.5	1 0246	1.4	16 0403	1.2	1 0251	1.2	16 0413	1.2
W 0639	3.7	TH 1345	1.2	F 1339	1.4	SA 1513	0.9	M 1515	0.7	TU 1643	0.6	W 1524	0.5	TH 1640	0.9
1915	3.7	2011	4.3	1956	3.7	2118	4.6	2119	4.6	2230	4.9	2131	4.7	2239	4.6
2 0145	1.5	17 0233	1.4	2 0231	1.7	17 0339	1.3	2 0342	1.2	17 0450	1.1	2 0351	1.0	17 0502	1.0
TH 0758	3.7	F 0859	4.0	SA 0830	3.7	SU 0945	4.4	TH 0941	4.4	W 1044	4.7	TH 0952	4.9	F 1049	4.6
2035	3.8	2132	4.6	2108	4.1	2215	4.9	TU 1610	0.5	W 1724	0.6	2224	5.0	F 1720	0.9
3 0311	1.4	18 0359	1.3	3 0341	1.4	18 0438	1.2	3 0431	1.0	18 0531	1.0	3 0447	0.9	18 0548	0.9
0916	3.8	1008	4.4	0935	4.1	1035	4.7	1030	4.9	1120	4.9	1044	5.2	1126	4.7
F 1547	1.2	SA 1646	0.6	SU 1604	0.9	M 1718	0.5	W 1700	0.4	TH 1755	0.6	F 1714	0.4	SA 1757	0.9
2143	4.1	2234	4.9	2203	4.6	2300	5.0	2255	5.2	2343	4.9	2313	5.2	2352	4.7
4 0420	1.3	19 0502	1.1	4 0431	1.2	19 0524	1.1	4 0519	0.9	19 0607	0.7	4 0543	0.6	19 0621	0.7
SA 1015	4.3	SU 1059	4.7	M 1026	4.6	1116	4.9	1114	5.2	1152	5.0	SA 1132	5.5	SU 1203	4.7
SA 1648	0.9	SU 1744	0.4	M 1656	0.6	TU 1757	0.4	TH 1747	0.3	F 1820	0.6	SA 1803	0.4	SU 1828	0.9
2235	4.6	2321	5.2	2247	4.9	2337	5.0	● 2339	5.3	O		●		O	
5 0510	1.1	20 0550	1.0	5 0514	1.0	20 0559	0.9	5 0603	0.7	20 0616	4.9	5 0002	5.3	20 0027	4.7
1101	4.8	1142	5.0	1108	4.9	1151	5.0	1158	5.5	0639	0.7	0628	0.5	0653	0.6
SU 1735	0.6	M 1821	0.4	TU 1742	0.4	W 1826	0.5	F 1823	0.3	SA 1225	5.0	SU 1221	5.6	M 1240	4.9
2319	4.7	O		2328	5.2	O				1847	0.7	1844	0.5	1855	0.9
6 0550	1.0	21 0002	5.2	6 0553	0.9	21 0012	5.0	6 0623	5.5	21 0047	4.9	6 0050	5.3	21 0100	4.9
1142	4.9	0623	0.9	1148	5.2	0630	0.9	0642	0.6	0709	0.6	0712	0.4	0723	0.6
M 1812	5.0	TU 1221	5.2	W 1817	0.3	TH 1224	5.2	SA 1241	5.6	SU 1257	5.0	M 1309	5.6	TU 1314	4.9
2359	0.5	1854	0.3	●		1850	0.5	1859	0.3	1912	0.9	1926	0.6	1921	1.0
7 0620	0.9	22 0039	5.2	7 0009	5.3	22 0044	5.0	7 0106	5.3	22 0117	4.9	7 0137	5.2	22 0134	4.7
1222	5.0	0654	0.9	0627	0.7	0700	0.7	0721	0.5	0736	0.7	0757	0.4	0752	0.6
TU 1845	0.4	W 1254	5.2	TH 1228	5.5	F 1254	5.2	SU 1325	5.6	M 1331	4.9	TU 1358	5.5	W 1350	4.7
●		1922	0.4	1850	0.2	1914	0.6	1936	0.5	1934	1.0	2008	0.9	1946	1.0
8 0038	5.2	23 0114	5.2	8 0050	5.5	23 0115	5.0	8 0151	5.2	23 0147	4.7	8 0225	5.0	23 0208	4.7
0650	0.9	0725	0.9	0701	0.6	0729	0.7	0801	0.5	0803	0.7	0842	0.4	0822	0.6
W 1259	5.3	TH 1326	5.2	F 1308	5.6	SA 1324	5.2	M 1410	5.5	TU 1405	4.7	W 1449	5.2	TH 1427	4.7
1918	0.3	1948	0.4	1923	0.3	1937	0.7	2014	0.7	1957	1.0	2051	1.0	2016	1.0
9 0117	5.3	24 0147	5.0	9 0130	5.3	24 0145	4.9	9 0236	5.0	24 0219	4.6	9 0313	4.7	24 0244	4.6
TH 0723	0.7	F 0754	0.9	0736	0.6	0756	0.7	0844	0.6	0831	0.7	0929	0.5	0856	0.6
TH 1337	5.3	F 1357	5.2	SA 1348	5.6	SU 1356	5.0	TU 1456	5.3	W 1440	4.6	TH 1543	4.9	F 1505	4.6
1951	0.3	2011	0.6	1956	0.4	1958	0.9	2056	1.0	2025	1.1	2136	1.2	2051	1.1
10 0156	5.3	25 0219	4.9	10 0211	5.2	25 0213	4.7	10 0322	4.6	25 0253	4.4	10 0405	4.6	25 0322	4.4
0756	0.7	0820	0.9	0813	0.6	0813	0.6	0930	0.6	0904	0.9	1019	0.5	0932	0.6
F 1415	5.3	SA 1428	5.0	SU 1428	5.5	M 1428	4.9	W 1550	4.9	TH 1518	4.4	F 1642	4.6	SA 1547	4.4
2022	0.3	2031	0.7	2029	0.5	2019	1.0	2146	1.2	2059	1.2	2226	1.3	2130	1.2
11 0236	5.2	26 0249	4.6	11 0253	5.0	26 0242	4.6	11 0416	4.3	26 0333	4.3	11 0504	4.3	26 0404	4.4
0830	0.7	0845	1.0	0851	0.7	0847	0.9	1025	0.7	0943	0.9	1119	0.6	1014	0.7
SA 1452	5.3	SU 1459	4.9	M 1510	5.3	TU 1501	4.6	TH 1655	4.4	F 1602	4.3	SA 1749	4.4	SU 1635	4.4
2053	0.4	2052	0.9	2107	0.9	2044	1.1	2246	1.4	2144	1.4	2329	1.5	2217	1.3
12 0315	4.9	27 0318	4.4	12 0336	4.6	27 0313	4.3	12 0525	4.0	27 0421	4.0	12 0608	4.1	27 0455	4.3
0907	0.9	0912	1.1	0935	0.9	0918	1.0	1142	0.9	1034	1.0	1233	0.7	1104	0.7
SU 1530	5.2	M 1533	4.6	TU 1558	4.9	W 1538	4.3	F 1816	4.3	SA 1658	4.1	SU 1857	4.3	M 1731	4.3
2129	0.6	2117	1.1	2155	1.1	2117	1.3			2242	1.5			2316	1.4
13 0357	4.6	28 0350	4.1	13 0427	4.3	28 0352	4.1	13 0010	1.5	28 0525	4.0	13 0048	1.5	28 0554	4.3
0947	1.0	0944	1.2	1030	1.0	0958	1.1	0645	4.0	0645	4.0	1151	4.1	1217	0.7
M 1614	4.9	TU 1611	4.3	W 1701	4.4	TH 1624	4.0	SA 1314	0.9	SU 1807	4.1	M 1348	0.7	TU 1837	4.3
2213	0.9	2151	1.3	2300	1.4	2201	1.5	1937	4.3			2004	4.3		
14 0447	4.3	29 0431	3.8	14 0538	3.8	29 0446	3.8	14 0139	1.5	29 0011	1.5	14 0205	1.4	29 0038	1.3
1039	1.1	1028	1.3	1151	1.1	1058	1.3	0805	4.1	0639	4.0	0823	4.1	0703	4.3
TU 1712	4.6	W 1702	3.8	TH 1829	4.1	F 1727	3.8	SU 1441	0.7	M 1315	0.9	TU 1457	0.7	W 1333	0.6
2320	1.2	2240	1.7			2321	1.8	2048	4.6	1925	4.3	2105	4.4	1948	4.3
15 0552	4.0	30 0534	3.5	15 0039	1.5	30 0605	3.5	15 0300	1.4	30 0140	1.4	15 0315	1.3	30 0202	1.2
1200	1.2	1149	1.4	0711	3.8	1245	1.2	0911	4.4	0753	4.1	0921	4.3	0814	4.4
W 1833	4.3	TH 1818	3.7	F 1337	1.0	SA 1901	3.8	M 1551	0.6	TU 1424	0.7	W 1555	0.9	TH 1443	0.6
				2002	4.3			2145	4.7	2032	4.4	2156	4.6	2056	4.6
31 0129	1.7	31 0736	3.7	31 0129	1.7	31 0736	3.7								
SU 1410	1.1	2020	4.1	SU 1410	1.1	2020	4.1								
31 0315	1.1	31 0921	4.7	31 0315	1.1	31 0921	4.7								
F 1549	0.5	2200	4.7	F 1549	0.5	2200	4.7								



WATER SAFETY TOP TIPS

FACT: 450-600 drownings occur in the UK annually.
Help keep your colleagues safe with these tips:



1. Check weather & water level conditions in advance.

2. Never enter or work on the water alone.



3. Always provide safe means of access & exit.

4. Wear a lifejacket & check it carefully before each use.

5. Never enter the water under the influence of alcohol or drugs.



6. Don't enter the water unless you are a confident swimmer.

7. Look for & read warning & guidance signs.



8. Do not enter the water to rescue anyone, call for help & use floatation aids nearby.



9. Completely cleanse any cut or scratch & cover with a water-proof plaster.

10. Wash hands thoroughly afterwards, particularly before eating or drinking.

EXO Environmental

www.exo-env.co.uk

Water Surveying
Dredging Consultancy
Project Management



Visit us online at www.johnfowlers.co.uk

info@johnfowlers.co.uk

JOHN FOWLERS
SOLICITORS

Reassuring legal advice you can rely on



📍 Colchester
01206 576151

| 📍 Brightlingsea
01206 302694

| 📍 West Mersea
01206 384441

WINTER & CO.



INSURANCE FOR THE MARINE INDUSTRY

Winter & Co (Marine) are specialist marine insurance brokers providing tailored insurance solutions to meet the needs of boat owners marine businesses and professionals.

Insurance arranged for:

- **Commercial vessels**
- **Harbours and Port Authorities**
- **Marinas and Boatyards**
- **Private Yachts**
- **Angling Boats**

Winter & Co (Marine) Ltd.
Maud's Court, Tendring, Essex, CO16 0BG
t : 01255 831111
e : info@winterandcomarine.com
w: winterandcomarine.com