ABPmer Notice to Mariners: Survey Instrument – Seabed Deployment

Introduction

APEM Group Ltd has commissioned ABPmer to undertake a monitoring programme within the transitional and coastal (TraC) waters of the River Roach, River Blackwater and River Colne.

As part of this programme, ABPmer will be deploying CTD instruments (to observe temperature and conductivity/salinity) at five locations in these rivers for a 30-day period. The deployments are planned to take place on approximately 13-15 October 2026 and will be recovered approximately 30 days later.

During deployment/recovery operations, the vessel *Jean T* will be on respective locations for an approximate 1-hour period. When stationary other vessels are requested to pass at a safe speed and distance. VHF Channels 11 and 16 will be monitored throughout survey operations.

Mooring Details

The monitoring instruments will be secured within a seabed frame which will protrude above the seabed by 0.5 m in water depths ranging between 0m and 3.0m below Chart Datum. The frames will be secured to a 250kg sinker weight by weighted groundline. From the weighted groundline will be a riser chain to a surface marker buoy, a yellow special mark exhibiting light characteristics Y.Fl(5)20s.



Figure 1. Surface marker buoy

Location Details

Table 1. Seabed deployment locations

Known Locations	ETRS89		OSGB36 (OSTN15)		Water depth (mCD)
	Latitude	Longitude	Easting	Northing	
Colne - BCCTS1 (Revised) - River	51° 50.484439' N	0° 58.801305' E	605381	220064	0.2
Colne - BCCTS2 - Estuary	51° 48.28371' N	1° 0.21486' E	607172	216053	3.0
Blackwater - BCCTS3 - River	51° 43.36970' N	0° 47.70971' E	593155	206375	3.0
Blackwater - BCCTS4 - River	51° 43.70214' N	0° 43.94684' E	588801	206827	0.0
Crouch/Roach - BCCTS7 - River	51° 35.12602' N	0° 47.99322' E	594067	191111	3.0

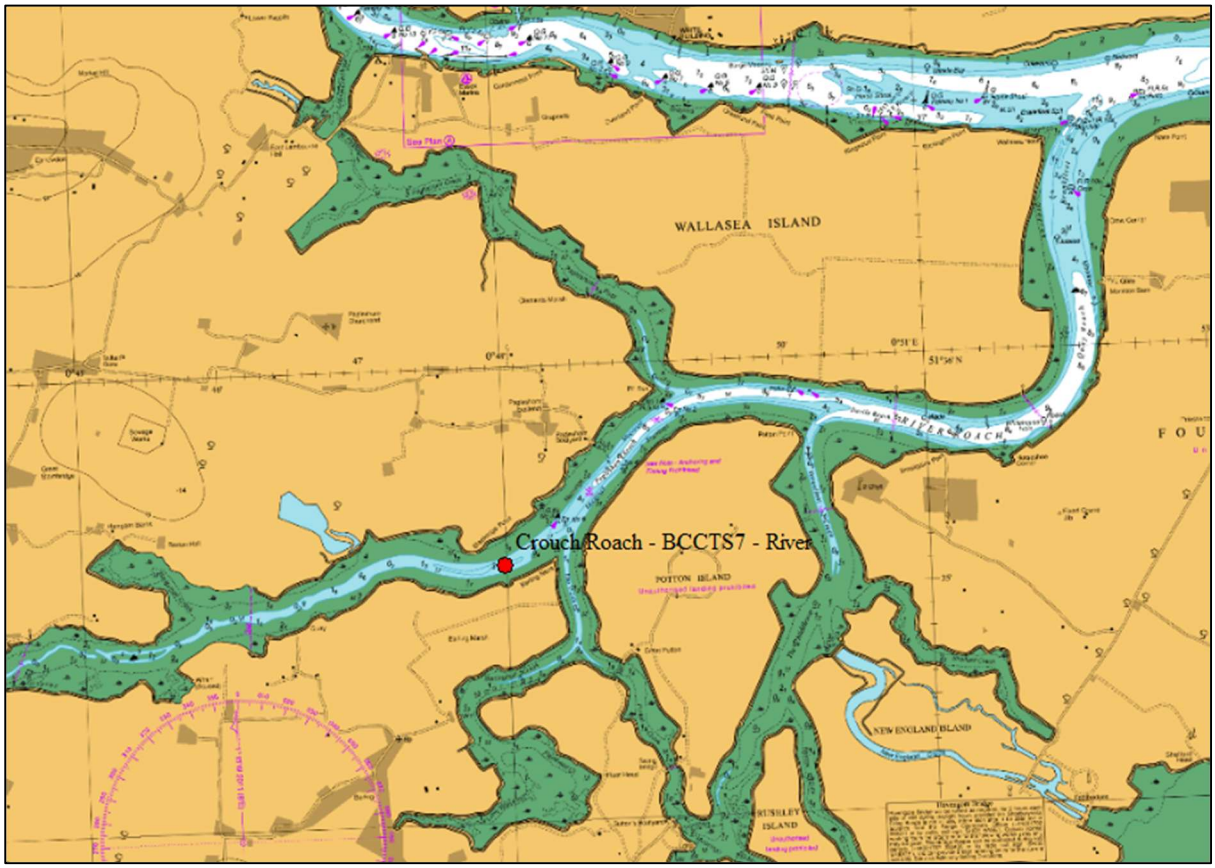


Figure 2. River Crouch/Roach location (1)

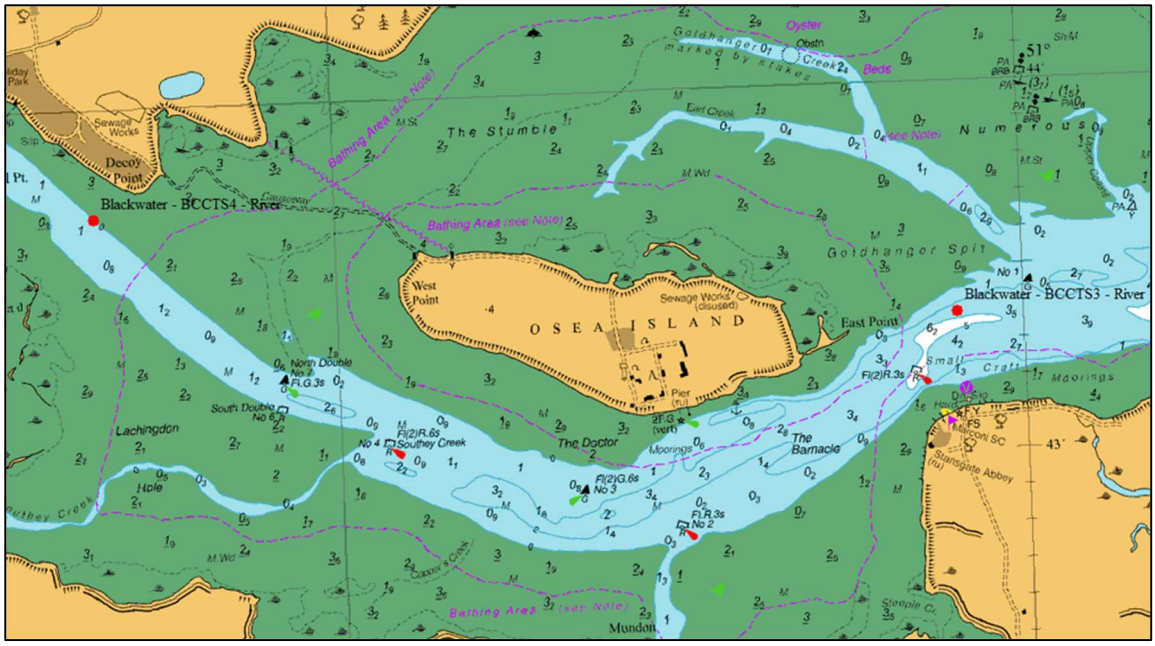


Figure 3. River Blackwater locations (2)

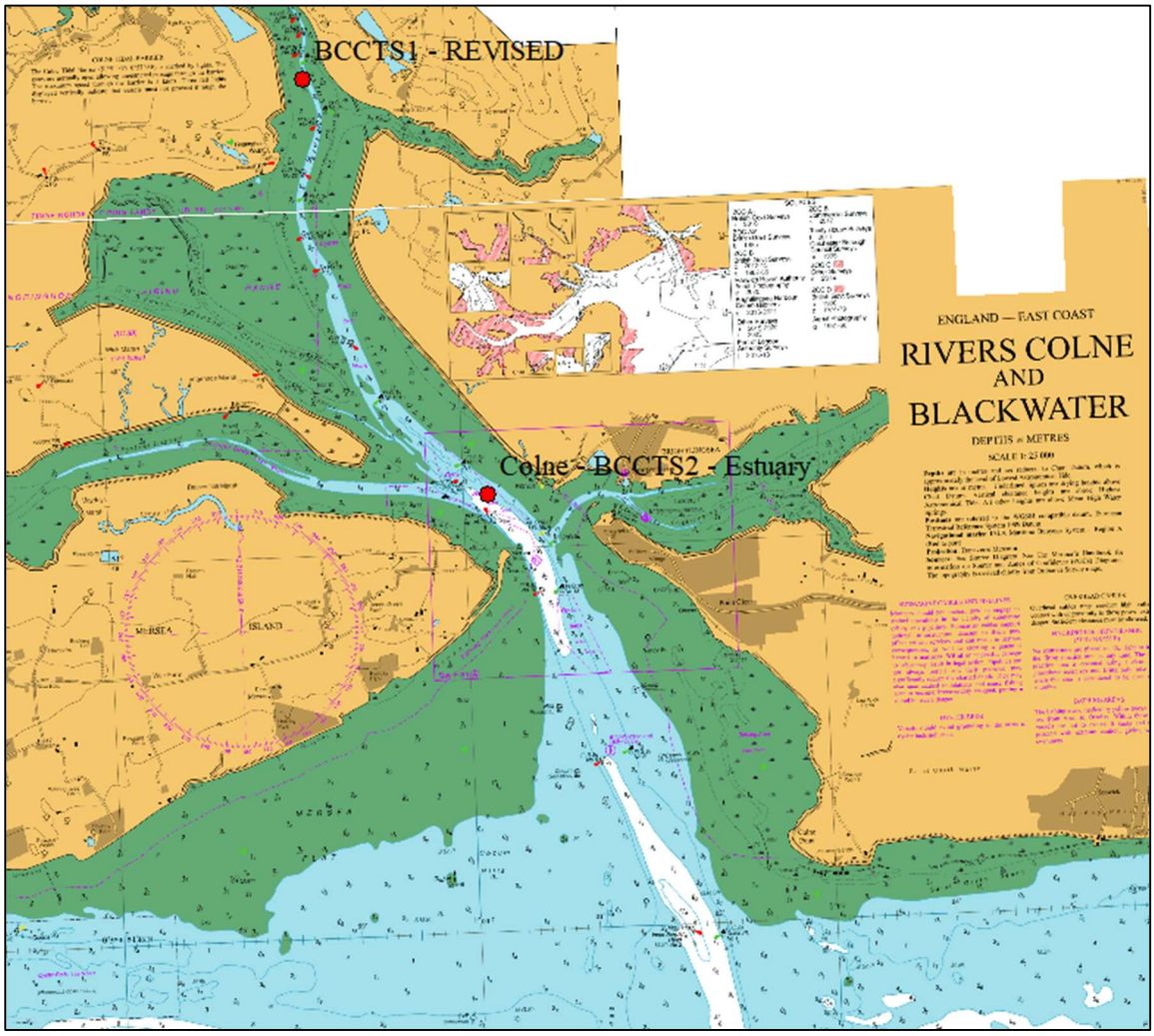


Figure 4. River Colne locations (2)

Survey Programme

The following table sets out the anticipated survey deployment programme, progress and weather permitting.

Table 2. Anticipated Deployment Programme

Date	Activity
13-15/10/2026	Seabed frames and surface marker buoys deployed using vessel *Jean T (BCCTS-2, 3, 4 and 7)*
11/11/2026	Deployment of mooring at BCCTS-1 revised location
-	Frames and surface marker buoys remains on location for deployment period. Buoy is yellow special marked with light characteristics Y.Fl(5)20s.
w/c 16/11/2026	Seabed frames and surface marker buoys recovered using vessel *Jean T (BCCTS-2, 3, 4 and 7)*
w/c 14/12/2026	Seabed frames and surface marker buoys recovered using vessel *Jean T (BCCTS-1 revised)*

Vessel Details

Deployment/recovery operations will be undertaken from the *Jean T*. When stationary (during deployment/recovery) other vessels are requested to pass at a safe speed and distance. VHF Channels 16 and 11 will be monitored throughout survey operations.

Table 3. Vessel Details

Vessel	Description
	**Jean T** Owned and operated by Portflair Ltd Bradwell-on-Sea LOA: 16.9 m Beam: 5.2 m Call Sign: MVS06 MMSI No: 235081274 VHF: 16 & 11

Contact Details

ABPmer management contact details are available in the table below.

Table 4. Project Contacts

Name	Organisation	Contact Number	Contact Email
Paul Clement Project Manager	ABPmer	07850 500315	paul.clement@abpmer.co.uk
Tom Wilson On-board Surveyor	ABPmer	07708 396967	twilson@abpmer.co.uk
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