

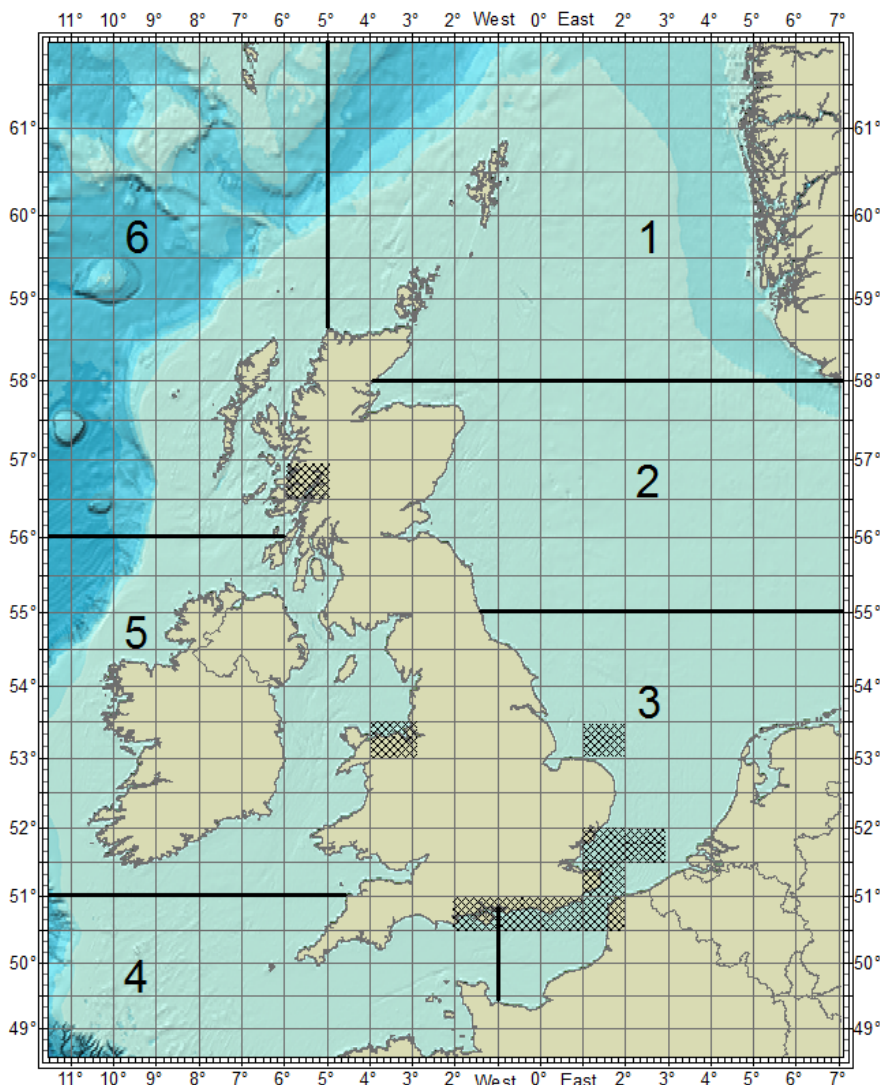
# Kingfisher Bulletin

## Offshore News

21 September 2017 | Issue 19

## Offshore Marine Aggregates

Shaded blocks indicate activity.



What's inside?

### New Hazards (p.3)

#### Area 1

N.A

#### Area 2

N.A

#### Area 3 (p.4-6)

1. Notice to Fishermen
2. Seabed Activity
3. Survey Activity

#### Area 4 (p.7)

1. Survey Activity

#### Area 5 (p.8-9)

- 1) Survey Activity

#### Area 6

N.A

#### Extra...

N.A

## Support

The Kingfisher Bulletin is provided by the Kingfisher Information Service of Seafish, to promote the awareness of offshore hazards to fishing, new structures and zones and conflicting offshore operations. Support for the production of aggregate industry information is received from the British Marine Aggregate Producers Association (BMAPA) and The Crown Estate.



## Information

Information contained within the Kingfisher Bulletin comes from a variety of sources, although is in the majority, supplied directly to Kingfisher from the offshore operating industry, or government licensing authorities.

Coordinates within the Kingfisher Bulletin are converted into World Geodetic System 1984 (WGS84) and displayed as degrees, minutes and decimal minutes, to three decimal places (ddd°mm.mmm'). Route or boundary coordinates may be simplified for ease of use.

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## New Hazards

| Area 1 Hazard List                                                  |                                                            |              |                                                                        |                                                                                     |
|---------------------------------------------------------------------|------------------------------------------------------------|--------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Hazard Type                                                         | Position                                                   | Issue Date   | Contact Details                                                        | Map                                                                                 |
| Pipeline Span Length 21m Height 2m                                  | 60°54.521'N 001°37.699'E                                   | 24 Aug 2017  | <a href="mailto:jonathan.hoare@cnrl.com">jonathan.hoare@cnrl.com</a>   |  |
| Obstruction from Well 9/27-4                                        | 59°00.306'N 001°17.721'E                                   | 11 July 2017 | <a href="mailto:rawe@staoil.com">rawe@staoil.com</a>                   |  |
| AXS Bundle Span – Alba Field<br>10m span length and 0.8m span depth | 58°02.592'N 001°05.106'E<br>to<br>58°02.607'N 001°05.088'E | 29 June 2017 | <a href="mailto:pat.dasgupta@chevron.com">pat.dasgupta@chevron.com</a> |  |

| Area 2 Hazard List                             |                          |             |                                                                      |                                                                                     |
|------------------------------------------------|--------------------------|-------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Hazard Type                                    | Position                 | Issue Date  | Contact Details                                                      | Map                                                                                 |
| A Tidal Gauge System, 1m x 1m base plate, 40kg | 57°04.674'N 002°04.542'E | 10 Aug 2017 | <a href="mailto:nick.strachan@uk.bp.com">nick.strachan@uk.bp.com</a> |  |

| Area 3 Hazard List |                          |              |                                                                      |                                                                                     |
|--------------------|--------------------------|--------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Hazard Type        | Position                 | Issue Date   | Contact Details                                                      | Map                                                                                 |
| Wreck of MV Ella   | 52°23.640'N 001°48.960'E | 11 July 2017 | <a href="mailto:lee.cornwell@innogy.com">lee.cornwell@innogy.com</a> |  |

| Area 5 Hazard List                                                |                                                                                                              |              |                                                                        |                                                                                     |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Hazard Type                                                       | Position                                                                                                     | Issue Date   | Contact Details                                                        | Map                                                                                 |
| 2 x pipeline spans 2 metres high and 16 metres and 12 metres long | 54°59.484'N 005°13.235'W                                                                                     | 25 July 2017 | <a href="mailto:kingfisher@seafish.co.uk">kingfisher@seafish.co.uk</a> |  |
| Potential Seabed Obstruction                                      | 51°42.600'N 008°11.214'W<br>51°41.622'N 008°10.739'W<br>51°41.327'N 008°11.466'W<br>51°41.778'N 008°11.941'W | 30 June 2017 | <a href="mailto:nawarnings@btconnect.com">nawarnings@btconnect.com</a> |  |

**The Hazard List is a collection of potential fishing hazards supplied to Kingfisher from across all offshore industries. Potential hazards will be listed for 6 months.**

## Regional Active Dredge Area Charts – Issue 30 now available

Regional Active Dredge Area (RADA) charts are routinely produced by the British Marine Aggregate Producers Association (BMAPA) and The Crown Estate on a bi-annual basis (charts are dated 31st January and 31st July) to show where dredging operations are currently permitted within existing marine aggregate production licences.

Areas where dredging is permitted are monitored through the approved 'black box' Electronic Monitoring System (EMS) that is required to be installed on every marine aggregate dredger operating in UK waters.

Issue 30 of these charts (dated 31st July 2017) is now available to be downloaded from [http://www.bmapa.org/issues/other\\_sea\\_users.php](http://www.bmapa.org/issues/other_sea_users.php)

The need for working areas within production licences can be defined through existing licence conditions or through individual marine aggregate operators' voluntary management arrangements.

Any changes in the coordinates for licence areas or active zones from the previous issue (dated 31<sup>st</sup> January 2017) will be highlighted in red.

Further information on these charts can be obtained by contacting [bmapa@mineralproducts.org](mailto:bmapa@mineralproducts.org)

## Seabed Activity

First Published: 13 July 2017 | Latest Update: 07 September 2017

### Marine Licence – Outer Thames Estuary Area 501

On behalf of Westminster Gravels Limited this Notice is to advise that a new Marine Licence L/2017/00121/1 has recently been issued by the Marine Management Organisation for Area 501 located in the Outer Thames Estuary.



Area 501 is defined by the following WGS84 co-ordinates in the table below.

|                             |                             |                              |
|-----------------------------|-----------------------------|------------------------------|
| 1. 51°36.851'N 002°14.502'E | 5. 51°42.334'N 002°20.058'E | 9. 51°40.082'N 002°13.584'E  |
| 2. 51°38.809'N 002°17.031'E | 6. 51°40.694'N 002°16.610'E | 10. 51°41.973'N 002°13.985'E |
| 3. 51°40.435'N 002°18.350'E | 7. 51°36.609'N 002°10.610'E | 11. 51°35.233'N 002°06.954'E |
| 4. 51°42.068'N 002°20.930'E | 8. 51°36.818'N 002°09.740'E | 12. 51°36.349'N 002°12.001'E |

Dredging Area 501 is delayed in August. Dredging due to commence later in September 2017.

As required by the Fisheries Code of Practice, Masters of Dredging vessels will call up on VHF 16 when approaching the dredging area at a range of 10nm (approximately 1 hour before operations are to commence) and will provide an estimated time of arrival on the area and position of operation. A VHF working channel will be established between the dredger and fishing vessel(s) if required.

For further information, please contact: Ian Taylor, Westminster Gravels Limited, 01489 885933 or email [ian.taylor@boskalis.com](mailto:ian.taylor@boskalis.com)

## Outer Thames Estuary – Area 524

On behalf of DEME Building Materials nv, this notice is to advise that a vibrocore sampling campaign is due to commence shortly in the Outer Thames Estuary, carried out by the MV Flatholm operated by CMS GeoTech Ltd (call sign GHLZ). A vibrocorer will be deployed at predefined sites from the vessel to the seabed where a sample will be recovered. During deployment of the vibrocorer, the vessel will be stationary.



It is anticipated that operations will commence at the next suitable weather window and take approximately 1 week to complete once operations are underway.

|                              |                              |                              |
|------------------------------|------------------------------|------------------------------|
| 13. 51°38.128'N 001°54.211'E | 18. 51°43.712'N 002°03.007'E | 23. 51°37.709'N 002°02.241'E |
| 14. 51°42.052'N 001°58.487'E | 19. 51°43.776'N 002°03.231'E | 24. 51°40.297'N 002°03.586'E |
| 15. 51°42.297'N 001°59.067'E | 20. 51°44.737'N 002°05.119'E | 25. 51°41.596'N 001°59.699'E |
| 16. 51°42.747'N 002°00.129'E | 21. 51°44.768'N 002°08.408'E | 26. 51°37.961'N 001°57.453'E |
| 17. 51°43.692'N 002°02.568'E | 22. 51°37.653'N 002°03.267'E |                              |

For further information, please contact: Rob Langman, MarineSpace Ltd, Tel: +44(0)2380 381945, Email: [rob.langman@marinespace.co.uk](mailto:rob.langman@marinespace.co.uk)

## Survey Activity

First Published: 19 September 2017 | Latest Update: 19 September 2017

## Humber Region – Area 484

On behalf of DEME Building Materials nv, this notice is to advise that a vibrocore sampling campaign is due to commence shortly in the Humber Region, carried out by the MV Flatholm operated by CMS GeoTech Ltd (call sign GHLZ). A vibrocorer will be deployed at predefined sites from the vessel to the seabed where a sample will be recovered. During deployment of the vibrocorer, the vessel will be stationary.



It is anticipated that operations will commence at the next suitable weather window and take approximately 1 week to complete once operations are underway.

|                             |
|-----------------------------|
| 1. 53°27.600'N 001°57.583'E |
| 2. 53°28.050'N 002°00.550'E |
| 3. 53°29.879'N 002°00.550'E |
| 4. 53°28.400'N 001°53.650'E |

For further information, please contact: Rob Langman, MarineSpace Ltd, Tel: +44(0)2380 381945, Email: [rob.langman@marinespace.co.uk](mailto:rob.langman@marinespace.co.uk)

## Survey Activity

First Published: 07 September 2017 | Latest Update: 07 September 2017

## Eastern English Channel – Colbart Area

On behalf of Westminster Gravels Limited, this notice is to advise that a bathymetric and geophysical survey is due to be undertaken within Marine Aggregate Prospecting Licence Colbart Area using contractor GEOxyz Limited. The survey will be carried out within the area



|                             |                              |                              |
|-----------------------------|------------------------------|------------------------------|
| 1. 50°48.499'N 001°15.461'E | 8. 50°59.132'N 001°24.584'E  | 15. 50°51.739'N 001°14.758'E |
| 2. 50°53.800'N 001°16.798'E | 9. 50°59.105'N 001°22.217'E  | 16. 50°50.182'N 001°14.177'E |
| 3. 50°54.675'N 001°17.328'E | 10. 50°57.049'N 001°19.538'E | 17. 50°50.844'N 001°10.265'E |
| 4. 50°55.279'N 001°18.057'E | 11. 50°55.927'N 001°18.084'E | 18. 50°49.331'N 001°10.112'E |
| 5. 50°56.831'N 001°20.127'E | 12. 50°54.711'N 001°15.022'E | 19. 50°49.188'N 001°13.056'E |
| 6. 50°57.362'N 001°20.706'E | 13. 50°53.715'N 001°14.462'E |                              |
| 7. 50°57.277'N 001°21.521'E | 14. 50°52.963'N 001°14.703'E |                              |

The data collection will take approximately will commence towards the end of September 2017 and is planned, subject to weather to be completed in one or phases by the end of 2017.

For further information, please contact: Ian Taylor, Westminster Gravels Limited, 01489 885933 or email [ian.taylor@boskalis.com](mailto:ian.taylor@boskalis.com) or Mike Sherlock, GEOxyz Limited 44 (0)7973 719483

## Survey – Area 473, 474, Inner OTE (A1) Outer OTE(C1)

On behalf of Hanson Aggregates Marine Ltd this notice is to advise that a vibrocore sampling campaign is due to commence shortly in existing marine aggregate extraction Areas 473 & 474 in the Eastern English Channel region and pre-application Areas “Inner OTE A1” and “Outer OTE C1” in the Outer Thames region.



It is anticipated that operations will commence on or after 27th August 2017 and take approximately 3 months to complete (weather dependant).

As required by the Fisheries Code of Practice, Masters of vessels will call up on VHF Channel 16 when approaching the dredging area at a range of 10 nm (approximately 1 hour before operations are to commence) and will provide an estimated time of arrival on the area and position of operation. A VHF working channel will be established between the vessel and fishing vessel(s) if required.

| Area 473 East            | Area 474 East                                                                                                                                                                                                                                                                                                   | Inner OTE (A1)           |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 50°30.078'N 000°24.041'E | 50°27.533'N 000°40.006'E                                                                                                                                                                                                                                                                                        | 51°30.565'N 001°26.182'E |
| 50°30.330'N 000°25.336'E | 50°28.533'N 000°45.668'E                                                                                                                                                                                                                                                                                        | 51°31.914'N 001°26.178'E |
| 50°30.374'N 000°25.390'E | 50°28.177'N 000°45.730'E                                                                                                                                                                                                                                                                                        | 51°33.346'N 001°26.142'E |
| 50°30.685'N 000°26.987'E | 50°27.045'N 000°39.379'E                                                                                                                                                                                                                                                                                        | 51°34.427'N 001°28.152'E |
| 50°30.126'N 000°27.296'E | 50°27.168'N 000°39.341'E                                                                                                                                                                                                                                                                                        | 51°34.427'N 001°30.300'E |
| 50°30.087'N 000°27.196'E | 50°27.368'N 000°39.636'E                                                                                                                                                                                                                                                                                        | 51°32.527'N 001°33.000'E |
| 50°29.856'N 000°27.324'E | 50°27.533'N 000°40.006'E                                                                                                                                                                                                                                                                                        | 51°31.278'N 001°33.673'E |
| 50°29.846'N 000°27.449'E | <b>Area 474 Central</b><br>50°27.567'N 000°30.258'E<br>50°28.367'N 000°34.582'E<br>50°28.086'N 000°34.598'E<br>50°27.701'N 000°32.506'E<br>50°27.696'N 000°32.403'E<br>50°27.467'N 000°31.070'E<br>50°27.410'N 000°30.779'E<br>50°27.420'N 000°30.557'E<br>50°27.383'N 000°30.298'E<br>50°27.567'N 000°30.258'E | 51°30.639'N 001°33.177'E |
| 50°29.518'N 000°27.629'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.469'N 000°27.351'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.535'N 000°27.023'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.680'N 000°26.788'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.499'N 000°25.873'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.506'N 000°25.717'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.458'N 000°25.642'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.107'N 000°23.776'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.160'N 000°23.747'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.563'N 000°24.299'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°29.875'N 000°23.813'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°30.078'N 000°24.041'E |                                                                                                                                                                                                                                                                                                                 |                          |
| Area 473 West            | Area 474 West                                                                                                                                                                                                                                                                                                   | Outer OTE (C1)           |
| 50°27.779'N 000°18.114'E | 50°24.718'N 000°21.938'E                                                                                                                                                                                                                                                                                        | 51°39.575'N 001°40.792'E |
| 50°28.469'N 000°21.671'E | 50°25.450'N 000°26.771'E                                                                                                                                                                                                                                                                                        | 51°38.076'N 001°40.140'E |
| 50°27.959'N 000°21.956'E | 50°25.017'N 000°26.755'E                                                                                                                                                                                                                                                                                        | 51°34.721'N 001°26.142'E |
| 50°27.869'N 000°21.536'E | 50°24.437'N 000°23.264'E                                                                                                                                                                                                                                                                                        | 51°32.527'N 001°36.566'E |
| 50°27.714'N 000°21.592'E | 50°24.657'N 000°23.188'E                                                                                                                                                                                                                                                                                        | 51°32.527'N 001°35.123'E |
| 50°27.599'N 000°21.022'E | 50°24.882'N 000°23.020'E                                                                                                                                                                                                                                                                                        | 51°35.488'N 001°37.381'E |
| 50°27.770'N 000°21.201'E | 50°24.810'N 000°22.546'E                                                                                                                                                                                                                                                                                        | 51°35.583'N 001°37.451'E |
| 50°27.828'N 000°21.226'E | 50°24.611'N 000°22.889'E                                                                                                                                                                                                                                                                                        | 51°35.751'N 001°37.633'E |
| 50°27.885'N 000°21.213'E | 50°24.399'N 000°23.040'E                                                                                                                                                                                                                                                                                        | 51°36.275'N 001°38.094'E |
| 50°27.909'N 000°21.104'E | 50°24.302'N 000°22.455'E                                                                                                                                                                                                                                                                                        | 51°37.082'N 001°38.823'E |
| 50°27.914'N 000°20.950'E | 50°24.718'N 000°21.938'E                                                                                                                                                                                                                                                                                        | 51°37.525'N 001°39.104'E |
| 50°27.906'N 000°20.861'E |                                                                                                                                                                                                                                                                                                                 | 51°37.826'N 001°39.211'E |
| 50°27.885'N 000°20.759'E |                                                                                                                                                                                                                                                                                                                 | 51°38.129'N 001°39.167'E |
| 50°27.838'N 000°20.666'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°27.776'N 000°20.615'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°27.538'N 000°20.718'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°27.167'N 000°18.883'E |                                                                                                                                                                                                                                                                                                                 |                          |
| 50°27.779'N 000°18.114'E |                                                                                                                                                                                                                                                                                                                 |                          |

For further information, please contact: Louise Bridges, Hanson Aggregates, Tel: +44(0)2380 828256 email: [louise.bridges@hanson.biz](mailto:louise.bridges@hanson.biz)

## Geophysical Survey – South Coast Region Area 500/3-4

**New start date & vessel**

On behalf of Tarmac Marine Ltd, this is to advise that a geophysical survey will be carried out for Areas 500/3-4, located south west of the Isle of Wight.

Subject to a suitable weather window, operations are now expected to start late September 2017, using the vessel "Bibby Athena" (Call sign – 2ICA5), with 24hr working planned.



| Area 500/3  |              | Area 500/4  |              |
|-------------|--------------|-------------|--------------|
| 50°34.859'N | 001°34.679'W | 50°31.425'N | 001°38.968'W |
| 50°34.754'N | 001°34.633'W | 50°31.332'N | 001°39.021'W |
| 50°34.194'N | 001°34.632'W | 50°30.680'N | 001°39.024'W |
| 50°34.029'N | 001°34.751'W | 50°30.582'N | 001°38.953'W |
| 50°33.919'N | 001°35.084'W | 50°30.392'N | 001°38.748'W |
| 50°33.387'N | 001°36.864'W | 50°30.388'N | 001°38.378'W |
| 50°33.341'N | 001°38.237'W | 50°30.391'N | 001°36.501'W |
| 50°33.509'N | 001°38.347'W | 50°30.388'N | 001°35.832'W |
| 50°33.994'N | 001°38.210'W | 50°30.450'N | 001°35.388'W |
| 50°34.147'N | 001°38.075'W | 50°31.009'N | 001°35.391'W |
| 50°34.795'N | 001°37.064'W | 50°31.446'N | 001°35.761'W |
| 50°34.878'N | 001°36.592'W | 50°31.425'N | 001°38.968'W |
| 50°34.892'N | 001°35.015'W |             |              |
| 50°34.859'N | 001°34.679'W |             |              |

For further information, please contact: Edward Skinner, Tarmac, Tel: +44(0)1243 817214 email: [Edward.skinner@tarmac.com](mailto:Edward.skinner@tarmac.com)

## Geophysical and Grab Survey – South Coast Region

On behalf of the South Coast Dredging Association, this notice is to advise that a geophysical and benthic sampling campaign is due to commence shortly on the South Coast of England. Current date of commencement of operations is 8th May 2017 subject to existence of a suitable weather window.

The grab surveys will employ a Hamon grab to obtain seabed sediment samples. A drop down video system may also be employed at locations where grab surveys are unsuccessful in acquiring sediment samples. The work areas are focused around the aggregate dredging licence areas, with geophysical surveys extending up to 500 m beyond the limits of the licensed boundaries.

The grab survey works will be completed on the vessels 'Meriel D' (Call Sign 2BMQ7) and 'Wessex Explorer' (Call Sign 2WWE).

Survey activity will be finishing in Region 2 imminently and will then move eastwards to complete sampling in Region 3 and subsequently Region 4. The surveys will take approximately 6-8 weeks to complete, subject to weather. Further updates will be provided in this publication as the surveys progress.

| REGION 1                 | REGION 2                 | REGION 3                 | REGION 4                 |
|--------------------------|--------------------------|--------------------------|--------------------------|
| 50°39.077'N 001°47.775'W | 50°42.176'N 001°00.584'W | 50°43.649'N 000°40.398'W | 50°45.894'N 000°30.491'E |
| 50°38.421'N 001°35.699'W | 50°40.069'N 000°47.651'W | 50°45.687'N 000°29.105'W | 50°49.077'N 000°39.288'E |
| 50°36.327'N 001°26.779'W | 50°31.788'N 000°52.547'W | 50°43.945'N 000°16.341'W | 50°46.235'N 000°42.710'E |
| 50°33.004'N 001°25.011'W | 50°21.432'N 001°04.831'W | 50°41.333'N 000°12.876'W | 50°40.999'N 000°38.058'E |
| 50°31.049'N 001°48.398'W | 50°21.609'N 001°10.120'W | 50°34.878'N 000°23.889'W | 50°38.751'N 000°28.565'E |
|                          | 50°35.136'N 001°09.133'W | 50°39.868'N 000°43.911'W |                          |

For further information, please contact: Stuart Lowe, Regional Seabed Monitoring Programme Coordinator. Tel: 02380 381 945 or 07717 583 042, Email: [rsmpc@marinespace.co.uk](mailto:rsmpc@marinespace.co.uk)

## Survey

First Published: 15 September 2017 | Latest Update: 15 September 2017

## Survey – Area 392/393

On behalf of Tarmac Marine Ltd and Norwest Sand and Ballast Co. Ltd, please be advised that geophysical and geotechnical surveys will take place within Marine Aggregate Dredging Area 392/393.



The geophysical survey will be carried out by Bibby Hydromap using the vessel "Bibby Tethra". The geotechnical survey will be carried out by NIRAS Consulting Ltd using the vessel "Aquadynamic". Both vessels will broadcast its intentions via VHF at the start and end of the survey day and will keep a listening watch on all appropriate VHF channels. The geophysical survey is due to take place between 24th September and 15th October 2017. The geotechnical survey is planned to take place from 10th October to the end of October 2017. The timings of both surveys are subject to weather. The surveys will be operating within the survey boundaries provided below.

|                             |                              |
|-----------------------------|------------------------------|
| 1. 53°30.840'N 003°39.422'W | 6. 53°23.960'N 003°20.502'W  |
| 2. 53°31.161'N 003°36.983'W | 7. 53°23.239'N 003°24.892'W  |
| 3. 53°30.916'N 003°22.941'W | 8. 53°24.420'N 003°32.696'W  |
| 4. 53°29.355'N 003°18.885'W | 9. 53°28.773'N 003°38.652'W  |
| 5. 53°26.398'N 003°18.243'W | 10. 53°30.840'N 003°39.422'W |

For further information, please contact: Simon Luckett, Tarmac Marine Ltd Tel: 01243 817234 email: [simon.luckett@tarmac.com](mailto:simon.luckett@tarmac.com)

## Survey

First Published: 13 July 2017 | Latest Update: 07 September 2017

## Survey – Area 472 &amp; 526

On behalf of CEMEX UK Marine Ltd, Tarmac Marine Ltd and Hanson Aggregates Marine Ltd this notice is to advise that a geophysical survey is due to commence shortly, on Areas 472 and 526.



It is anticipated that operations will commence on or after 1st September 2017 allowing a 2 month window for completion (weather dependant).

| Area 472                 | Area 526                 | Area 526 (cont...)       |
|--------------------------|--------------------------|--------------------------|
| 51°16.331'N 003°21.966'W | 51°17.967'N 003°19.642'W | 51°17.706'N 003°12.048'W |
| 51°16.419'N 003°17.699'W | 51°18.568'N 003°16.708'W | 51°17.711'N 003°12.480'W |
| 51°17.254'N 003°17.726'W | 51°18.756'N 003°13.509'W | 51°17.621'N 003°12.661'W |
| 51°17.764'N 003°13.374'W | 51°18.801'N 003°12.748'W | 51°17.591'N 003°12.792'W |
| 51°18.400'N 003°13.136'W | 51°19.344'N 003°10.321'W | 51°17.573'N 003°14.801'W |
| 51°18.087'N 003°17.873'W | 51°19.366'N 003°09.923'W | 51°17.045'N 003°18.327'W |
| 51°17.657'N 003°19.125'W | 51°19.394'N 003°09.458'W | 51°17.065'N 003°19.743'W |
| 51°17.068'N 003°20.339'W | 51°19.186'N 003°09.301'W | 51°17.245'N 003°20.101'W |
| 51°16.719'N 003°21.993'W | 51°18.825'N 003°09.122'W | 51°17.967'N 003°19.642'W |
|                          | 51°18.323'N 003°09.837'W |                          |

For further information, please contact: Joe Holcroft, CEMEX UK Marine Ltd, Tel: 023 8072 0217 email: [joseph.holcroft@cemex.com](mailto:joseph.holcroft@cemex.com)

## Survey

First Published: 13 July 2017 | Latest Update: 07 September 2017

## Survey – Area 472

On behalf of CEMEX UK Marine Ltd, Tarmac Marine Ltd and Hanson Aggregates Marine Ltd this notice is to advise that a grab sampling survey is due to commence shortly, on Areas 472.



It is anticipated that operations will commence on or after 1st September 2017 allowing a 2 month window for completion (weather dependant).

| Column 1                 | Column 2                 | Column 3                 |
|--------------------------|--------------------------|--------------------------|
| 51°16.839'N 003°23.566'W | 51°17.135'N 003°19.052'W | 51°18.257'N 003°16.423'W |
| 51°16.368'N 003°23.151'W | 51°16.833'N 003°18.641'W | 51°18.154'N 003°16.134'W |
| 51°16.497'N 003°22.244'W | 51°16.202'N 003°18.502'W | 51°18.321'N 003°16.038'W |
| 51°16.618'N 003°21.459'W | 51°17.308'N 003°18.238'W | 51°17.855'N 003°16.058'W |
| 51°16.925'N 003°20.817'W | 51°17.850'N 003°17.778'W | 51°17.945'N 003°15.762'W |
| 51°16.606'N 003°20.776'W | 51°17.498'N 003°18.029'W | 51°17.800'N 003°15.771'W |
| 51°16.424'N 003°20.817'W | 51°17.106'N 003°18.061'W | 51°18.730'N 003°12.671'W |
| 51°16.884'N 003°20.050'W | 51°16.598'N 003°17.647'W | 51°18.703'N 003°11.897'W |
| 51°17.329'N 003°19.849'W | 51°17.012'N 003°17.416'W | 51°18.312'N 003°11.652'W |
| 51°16.802'N 003°19.432'W | 51°17.710'N 003°17.196'W |                          |
| 51°16.576'N 003°19.653'W | 51°16.622'N 003°16.472'W |                          |

For further information, please contact: Joe Holcroft, CEMEX UK Marine Ltd, Tel: 023 8072 0217 email: [joseph.holcroft@cemex.com](mailto:joseph.holcroft@cemex.com)

## Survey – Area 526

On behalf of CEMEX UK Marine Ltd, Tarmac Marine Ltd and Hanson Aggregates Marine Ltd this notice is to advise that a grab sampling survey is due to commence shortly, on Area 526.



It is anticipated that operations will commence on or after 1st September 2017 allowing a 2 month window for completion (weather dependant)

|             |              |             |              |             |              |
|-------------|--------------|-------------|--------------|-------------|--------------|
| 51°17.711'N | 003°17.195'W | 51°18.501'N | 003°12.000'W | 51°17.596'N | 003°24.820'W |
| 51°19.151'N | 003°11.291'W | 51°17.998'N | 003°14.002'W | 51°17.555'N | 003°25.789'W |
| 51°19.351'N | 003°10.419'W | 51°17.988'N | 003°14.781'W | 51°16.525'N | 003°24.799'W |
| 51°18.366'N | 003°18.580'W | 51°17.670'N | 003°18.644'W | 51°17.111'N | 003°25.062'W |
| 51°18.487'N | 003°17.639'W | 51°17.135'N | 003°19.052'W | 51°17.151'N | 003°26.153'W |
| 51°18.631'N | 003°16.607'W | 51°17.106'N | 003°18.061'W | 51°16.667'N | 003°26.637'W |
| 51°18.718'N | 003°15.506'W | 51°19.123'N | 003°16.080'W | 51°16.970'N | 003°25.526'W |
| 51°18.690'N | 003°14.485'W | 51°19.482'N | 003°9.7486'W | 51°17.091'N | 003°24.577'W |
| 51°18.754'N | 003°13.225'W | 51°18.845'N | 003°9.3530'W | 51°16.524'N | 003°25.708'W |
| 51°18.960'N | 003°11.935'W | 51°18.212'N | 003°10.171'W | 51°16.839'N | 003°23.565'W |
| 51°18.761'N | 003°10.812'W | 51°17.865'N | 003°11.415'W | 51°18.202'N | 003°21.748'W |
| 51°17.826'N | 003°20.004'W | 51°17.585'N | 003°12.971'W | 51°17.326'N | 003°10.423'W |
| 51°18.027'N | 003°19.155'W | 51°17.552'N | 003°14.308'W | 51°19.705'N | 003°16.817'W |
| 51°17.932'N | 003°18.054'W | 51°17.437'N | 003°15.541'W | 51°20.851'N | 003°14.500'W |
| 51°18.133'N | 003°16.937'W | 51°17.237'N | 003°16.853'W | 51°21.057'N | 003°10.822'W |
| 51°18.255'N | 003°15.291'W | 51°19.218'N | 003°14.934'W | 51°18.236'N | 003°7.9179'W |
| 51°18.148'N | 003°13.282'W | 51°19.097'N | 003°13.721'W | 51°20.030'N | 003°8.4590'W |
| 51°18.182'N | 003°12.564'W | 51°19.324'N | 003°12.377'W | 51°20.225'N | 003°19.567'W |
| 51°18.370'N | 003°11.275'W | 51°19.636'N | 003°10.872'W | 51°19.866'N | 003°12.881'W |
| 51°18.737'N | 003°10.082'W | 51°19.013'N | 003°17.285'W | 51°16.621'N | 003°16.472'W |
| 51°17.460'N | 003°19.238'W | 51°18.797'N | 003°18.306'W | 51°17.004'N | 003°13.994'W |
| 51°17.630'N | 003°16.451'W | 51°18.523'N | 003°19.530'W | 51°15.315'N | 003°14.958'W |
| 51°17.498'N | 003°18.028'W | 51°18.233'N | 003°20.368'W | 51°15.671'N | 003°11.704'W |
| 51°18.321'N | 003°16.038'W | 51°17.585'N | 003°20.452'W | 51°15.938'N | 003°20.829'W |
| 51°17.799'N | 003°15.771'W | 51°17.328'N | 003°19.849'W | 51°16.202'N | 003°18.502'W |
| 51°18.729'N | 003°12.671'W | 51°17.530'N | 003°26.708'W |             |              |

For further information, please contact: Joe Holcroft, CEMEX UK Marine Ltd, Tel: 023 8072 0217 email: [joseph.holcroft@cemex.com](mailto:joseph.holcroft@cemex.com)