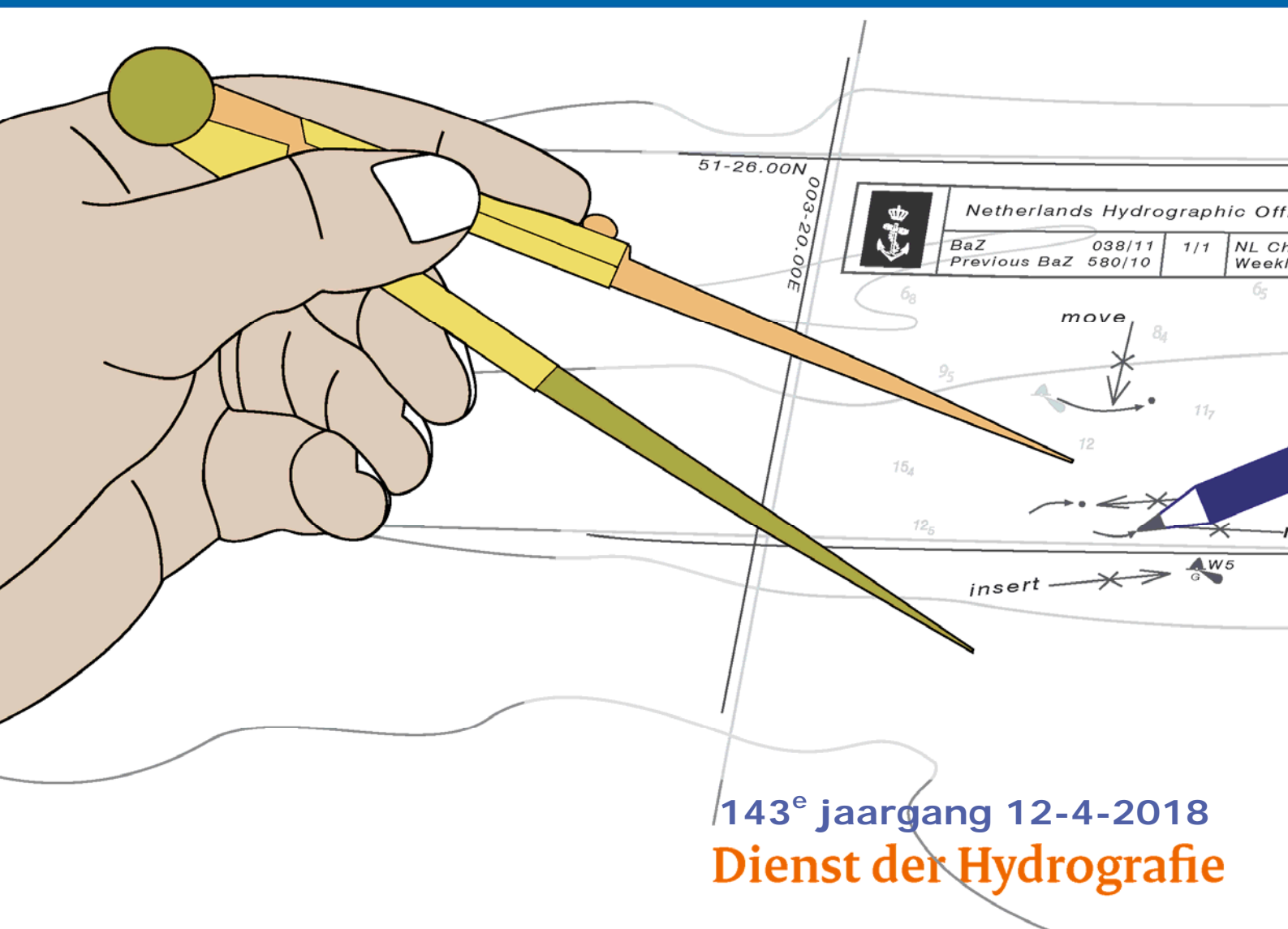




Koninklijke Marine

# BaZ | 2018

15 | BAZ 141-148  
Berichten aan Zeevarenden  
Netherlands Notice to Mariners



143<sup>e</sup> jaargang 12-4-2018  
Dienst der Hydrografie

## **Erkende verkoopagenten van Nederlandse Hydrografische publicaties** (Resellers licenced to distribute Netherlands Nautical Publications)

De Berichten aan Zeevarenden (BaZ) verschijnen wekelijks en zijn te verkrijgen:

- als printversie (PDF) via internet

<http://www.defensie.nl/onderwerpen/berichten-aan-zeevarenden/inhoud/weekedities>

- via de Database <http://www.defensie.nl/onderwerpen/berichten-aan-zeevarenden/inhoud/database>

- als boekje (tegen betaling) bij een aantal A-agenten.

- de catalogus vindt u op

<https://www.defensie.nl/onderwerpen/hydrografie/downloads/publicaties/2017/12/19/catalogus-hp7>

### **A-agenten:** (bijgewerkte kaarten)

- Gorinchem: **Datema Amsterdam**, Eind 15, 4201 CP Gorinchem,  
Tel +31 (0)183 - 712050; Fax. +31 (0)20 – 4279566;  
Internetpagina: [www.datema-amsterdam.nl](http://www.datema-amsterdam.nl) ; e-mail: [datema-amsterdam@planet.nl](mailto:datema-amsterdam@planet.nl)
- Amsterdam: **L.J. Harri BV**, Prins Hendrikkade 94/95 "Schreierstoren", 1012 AE Amsterdam,  
Tel. +31 (0)20 - 6248052; Fax. +31 (0)20 - 6258086;  
Internetpagina: [www.ljharri.nl](http://www.ljharri.nl) ; e-mail: [ljharri@xs4all.nl](mailto:ljharri@xs4all.nl)
- Delfzijl: **Datema Delfzijl BV**, Zeesluizen 8, 9936 HX Delfzijl,  
Tel. +31 (0)596 - 635252; Fax. +31 (0)596 - 615245;  
Internetpagina: [www.datema.nl](http://www.datema.nl) ; e-mail: [sales@datema.nl](mailto:sales@datema.nl)
- Uithuizermeeden: **Nautical Centre**, Heuvelderij 7, 9982 TX Uithuizermeeden.  
Tel: +31 (0)596 - 634870; Fax: +31 (0) 596 - 634827  
Internetpagina: [www.nauticalcentre.com](http://www.nauticalcentre.com) ; e-mail: [info@nauticalcentre.com](mailto:info@nauticalcentre.com)
- Rotterdam: **ChartCo Nederland B.V.**, Driemanssteeweg 200, 3084 CB Rotterdam,  
Tel. +31 (0)10 - 4167622;  
Internetpagina: [www.chartco.com](http://www.chartco.com) ; e-mail: [netherlands@chartco.com](mailto:netherlands@chartco.com)  
**Datema Rotterdam**, Galvanistraat 148, 3029 AD Rotterdam,  
Tel. +31 (0)10 - 4366188; Fax. +31 (0)10 – 4365511 ; e-mail: [rotterdam@datema.nl](mailto:rotterdam@datema.nl)  
**Harri Trading BV**, Van Weerden Poelmanweg 4, 3088 EB Rotterdam,  
Tel. +31 (0)10 - 4290333; Fax. +31 (0)10 - 4282324;  
Internetpagina: [www.harritrading.nl](http://www.harritrading.nl) ; e-mail: [info@harritrading.nl](mailto:info@harritrading.nl)
- Antwerpen: **Bogerd/Martin & Co.**, Oude Leeuwenrui 37, 2000 Antwerpen,  
Tel. +32 (0)32134170; Fax. +32 (0)32326167;  
Internetpagina: [www.martin.be](http://www.martin.be) ; e-mail: [sales@martin.be](mailto:sales@martin.be)
- Bremen: **"Seekarte" Kpt. A. Dammeyer**, Korffsdeich 3, D-28217 Bremen,  
Tel. +49 (0)4213032780;  
Internetpagina: [www.seekarte.com](http://www.seekarte.com) e-mail: [seekarte@seekarte.de](mailto:seekarte@seekarte.de)
- London: **Chart-Co**, Unit 4, Voltage Mollison Avenue, Enfield EN3 7XQ  
Tel. +44 (0) 1992805200 ; Fax +44 (0) 1992805410 ;  
Internetpagina: [www.chartco.com](http://www.chartco.com) ; e-mail : [sales@chartco.com](mailto:sales@chartco.com)
- St. Maarten: **Budget Marine**, P.O.Box 434; Philipsburg, Tel. 599 - 5443134; Fax 599 – 5444409  
Internetpagina: [www.budgetmarine.com](http://www.budgetmarine.com)

### **B-agenten:**

- Scheveningen: **Vrolijk Watersport Scheveningen**, Treilerweg 65, 2583 DB Scheveningen,  
Tel: +31 (0) 70 - 4168282, Fax: +31 (0) 70 - 3060497,  
internetpagina: [www.vrolijk.nl](http://www.vrolijk.nl) ; e-mail : [winkel@vrolijk.nl](mailto:winkel@vrolijk.nl) ;
- St Ives: **Imray Laurie Norie & Wilson Ltd**, Wych House, The Broadway, St Ives, Huntingdon,  
Cambridgeshire PE17 4BT, Tel. +44 - (0)1480 - 462114; Fax. +44 - (0)1480 – 496109  
Internetpagina: [www.imray.com](http://www.imray.com) ; e-mail: [ilnw@imray.com](mailto:ilnw@imray.com)
- Bielefeld: **Delius Klasing Verlag GMBH**, Kammerratsheide 30a, Postfach 101671, D-33609  
Bielefeld, Tel: +49 (0) 521 - 559000; Fax. +49 (0)521 - 559116;  
internetpagina: [www.delius-klasing.de](http://www.delius-klasing.de) ; e-mail: [info@delius-klasing.de](mailto:info@delius-klasing.de)

## Voorwoord

- Overeenkomstig SOLAS-bepalingen en het Scheepvaart Reglement Westerschelde dienen de officieel uitgegeven zeekaarten en boekwerken met Berichten aan Zeevarenden (BaZ) bijgewerkt te worden. Algemene richtlijnen voor het gebruik van BaZ staan beschreven in de jaarlijkse BaZ 3 in weekeditie 1, British Admiralty NP 100 (Mariner's Handbook) en NP 294 (How to keep your Admiralty Charts up-to-date).
- Berichten aan Zeevarenden hebben alleen betrekking op Nederlandse kaarten en hydrografische publicaties. Berichten van toepassing op buitenlands gebied op Nederlandse kaarten worden overgenomen van de hydrografische dienst van het betreffende land. Berichten bevatten algemene mededelingen, correcties op kaarten of boeken, voorlopige (P) of tijdelijke (T) berichten of een overzicht.
- Gegevens die ten grondslag liggen aan berichten worden waar nodig kartografisch gegeneraliseerd. De berichten zijn alleen bedoeld om de publicaties genoemd in het bericht te kunnen corrigeren.
- Posities worden vermeld in het referentiestelsel (geodetisch datum) dat overeenkomt met dat van de betrokken kaart. Het referentiestelsel is altijd op de kaart vermeld. Onjuiste interpretatie van de referentiestelsels kan leiden tot positiefouten van enkele honderden meters.
- Richtingen, peilingen, geleidelijnen en lichtsectoren worden rechtwijzend gegeven, in graden, gerekend vanuit zee.
- Diepten en hoogten worden gegeven in dezelfde eenheid en herleid tot hetzelfde referentievlak als gebruikt in de betrokken kaart.
- Nadruk van de berichten is toegestaan mits volledig, ongewijzigd en met bronvermelding.
- De Chef der Hydrografie verzoekt u dringend vermoede of nieuwe gevaren en onjuistheden in publicaties te melden.

## De Chef der Hydrografie

Van Alkemadelaan 786, 2597 BC Den Haag, Corr. Postbus 10000, 1780 CA Den Helder.

tel. +31 (0)70 3162817, fax. +31 (0)70 3162843, internetpagina: [www.hydro.nl](http://www.hydro.nl) ; e-mail ; [baz@hydro.nl](mailto:baz@hydro.nl)

## **Preface**

- *In accordance with SOLAS-regulations and the Scheepvaart Reglement Westerschelde official published nautical charts and books have to be kept corrected by means of Notices to Mariners (NL NM). General guidelines for the use of NL NM are described in the annual NL NM 3 in weekly edition 1, British Admiralty NP 100 (The Mariner's Handbook) and NP 294 (How to keep your Admiralty Charts up-to-date).*
- *Netherlands Notices to Mariners are only applicable for Netherlands nautical charts and hydrographic publications. Notices concerning foreign waters on Netherlands charts are adopted from the hydrographic service of that specific country. Notices contain general announcements, corrections for charts or books, preliminary (P) or temporary (T) notices or a summary.*
- *Data on which the notices are based are if necessary cartographically generalized. The notices are meant only to correct the publications that are stated in the notice.*
- *Positions are given in the reference system (geodetic datum) that corresponds with that of the relevant chart. The reference system is always printed on the chart. Incorrect interpretation of the reference system can lead to errors in the position of several hundreds of metres.*
- *Directions, bearings, leading lines and light sectors are true, in degrees, reckoned from seawards.*
- *Depths and heights are given in the same unit and are reduced to the same reference level as used in the relevant chart.*
- *Reprinting of the notices is allowed if complete, unchanged and with acknowledgement.*
- *The Hydrographer of the Netherlands Navy urges you strongly to report suspected or new dangers and errors in publications.*

## Hydrographer of the Netherlands Navy

Van Alkemadelaan 786, NL-2597 BC Den Haag, Corr. P.O. Box 10000, NL-1780 CA Den Helder,

tel. +31 (0)70 3162817, fax. +31 (0)70 3162843, Internetpage: [www.hydro.nl](http://www.hydro.nl) ; e-mail ; [baz@hydro.nl](mailto:baz@hydro.nl)

**Lijst met gebruikte afkortingen in de wekelijkse Berichten aan Zeevarenden.**

|                |   |
|----------------|---|
| (P)            | Preliminary: voorlopig BaZ  |
| (T)            | Temporary: tijdelijk BaZ  |
| BSH            | Bundesamt für Seeschifffahrt und Hydrographie (Duitse hydrografische dienst)                    |
| CNB            | Centraal Nautisch Beheer Noordzeekanaalgebied   |
| ECDIS          | Electronic Chart Display and Information System: officieel elektronisch kaartsysteem            |
| ED50           | European Datum 1950: horizontale datum waarin posities worden uitgedrukt                        |
| ENC            | Electronic Navigational Chart: officiële elektronische vectorkaart                              |
| GNA            | Gemeenschappelijke Nautische Autoriteit (Westerschelde)   |
| HBA            | Havenbedrijf Amsterdam  |
| HBR            | Havenbedrijf Rotterdam  |
| HOV            | Hydrografisch Opname Vaarttuig van de Dienst der Hydrografie                                    |
| HP             | Hydrografische Publicatie: boekwerk van de Dienst der Hydrografie                               |
| HYD            | Dienst der Hydrografie (Nederlandse hydrografische dienst)                                      |
| IALA           | International Association of Lighthouse Authorities   |
| IHO            | International Hydrographic Organization   |
| INT            | INTERNATIONALE kaart  |
| KW             | Nederlandse Kustwacht   |
| MAS            | Maritieme Autoriteit Suriname   |
| NAP            | Normaal Amsterdams Peil   |
| NGA            | National Geospatial-Intelligence Authority (amerikaanse hydrografische dienst)                  |
| NP             | Nautical Publication: boekwerk van de UKHO  |
| NtM            | Notices to Mariners   |
| PNR            | Projectnummer van de Nederlandse Dienst der Hydrografie   |
| pos            | Positie   |
| RWS Berna WSW  | Rijkswaterstaat Noord-Nederland Waddenzee   |
| RWS CMIJ       | Rijkswaterstaat Centrale Meldpost IJsselmeer  |
| RWS DZD        | Rijkswaterstaat District Noord Zee en Delta (Zeeuwse wateren m.u.v. Westerschelde)              |
| RWS MD         | Rijkswaterstaat Markeringsdienst Zee en Delta   |
| RWS Waterkamer | Rijkswaterstaat Waterdienst Waterkamer  |
| RWS WNZ        | Rijkswaterstaat West-Nederland Zuid (Dordrecht)   |
| SFS            | Sofartsstyrelsen (Deense hydrografische dienst)   |
| SHOM           | Service Hydrographique et Oceanographique de la Marine (Franse hydrografische dienst)           |
| SodM           | Staatstoezicht op de Mijnen   |
| UKHO           | United Kingdom Hydrographic Office (Britse hydrografische dienst)                               |
| VDH            | Verkeersdienst Den Helder   |
| VH             | Vlaamse Hydrografie   |
| VHF            | Very High Frequency   |
| WGS84          | World Geodetic System 1984: Coördinatenreferentiesysteem waarin GPS posities worden uitgedrukt. |
| WSA Emden      | Wasser- und Schifffahrtsamt Emden   |

**List of Abbreviations used in weekly editions of NtM**

|                |  |
|----------------|--|
| (P)            | <i>Preliminary NtM</i>   |
| (T)            | <i>Temporary NtM</i>   |
| BSH            | <i>Bundesamt für Seeschifffahrt und Hydrographie (German HO)</i>             |
| CNB            | <i>Central Nautic Management North Sea Canal</i>                             |
| ECDIS          | <i>Electronic Chart Display and Information System (official)</i>            |
| ED50           | <i>European Datum 1950: horizontal datum for defining a position</i>         |
| ENC            | <i>Electronic Navigational Chart</i>   |
| GNA            | <i>Common Nautic Management (Westerschelde)</i>                              |
| HBA            | <i>Port of Amsterdam</i>   |
| HBR            | <i>Port of Rotterdam</i>   |
| HOV            | <i>Hydrographic Survey Vessel</i>  |
| HO             | <i>Hydrographic Office (national service)</i>                                |
| HP             | <i>Hydrographic Publication of the dutch HO</i>                              |
| HYD            | <i>Dutch Hydrographic Office</i>   |
| IALA           | <i>International Association of Lighthouse Authorities</i>                   |
| IHO            | <i>International Hydrographic Organization</i>                               |
| INT            | <i>INTERNATIONAL chart</i>   |
| KW             | <i>Dutch Coastguard</i>  |
| MAS            | <i>Maritime Authority Suriname</i>   |
| NAP            | <i>Normaal Amsterdams Peil, a vertical Dutch chart datum</i>                 |
| NGA            | <i>National Geospatial-Intelligence Authority (HO of the United States)</i>  |
| NP             | <i>Nautical Publication of the UKHO</i>                                      |
| NtM            | <i>Notices to Mariners</i>   |
| PNR            | <i>Project number of the Dutch Hydrographic Office</i>                       |
| pos            | <i>position</i>  |
| RWS            | <i>Ministry of Infrastructure and the Environment</i>                        |
| RWS Berna WSW  | <i>Notices to shipping Waddenzee</i>   |
| RWS CMIJ       | <i>Notices to shipping IJsselmeer</i>  |
| RWS DZD        | <i>Notices to shipping Zeeuwse wateren (not including Westerschelde)</i>     |
| RWS MD         | <i>Service for maintenance of navigational aids</i>                          |
| RWS Waterkamer | <i>Waterway information centre</i>   |
| RWS WNZ        | <i>Notices to shipping Dordrecht</i>   |
| SFS            | <i>Sofartsstyrelsen (Danish HO)</i>  |
| SHOM           | <i>Service Hydrographique et Oceanographique de la Marine (French HO)</i>    |
| SodM           | <i>State authority on Mining</i>   |
| UKHO           | <i>United Kingdom Hydrographic Office</i>                                    |
| VDH            | <i>Trafficcentre Den Helder</i>  |
| VHF            | <i>Very High Frequency</i>   |
| WGS84          | <i>World Geodetic System 1984: standard coordinate system for the Earth.</i> |
| WSA Emden      | <i>Wasser- und Schifffahrtsamt Emden</i>                                     |

## Inhoudsopgave

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## Kruisverwijzing / *Cross reference*

In de hoofdstukken Zeekaarten, 1800 serie kaarten en Hydrografische publicaties van dit document zijn de Berichten aan Zeevarenden gerangschikt op BaZ-nummer. Onderstaand overzicht toont deze berichten per kaartnummer en het nummer van de hydrografische publicatie.

*In the Nautical charts, 1800 series charts and Hydrographic publications sections of this document the Notices to Mariners are sorted by NL NM-number. The overview below displays these notices sorted by chart and hydrographic publication number.*

### **Zeekaarten / *Nautical Charts***

| <b>Kaart / <i>Chart</i></b> | <b>BaZ / <i>NL NM</i></b> |            |  |
|-----------------------------|---------------------------|------------|--|
| <b>1035</b>                 | 148/18                    |            |  |
| <b>1037</b>                 | 144/18                    |            |  |
| <b>110</b>                  | *146/18                   |            |  |
| <b>122</b>                  | *146/18                   | *141(T)/18 |  |
| <b>130</b>                  | *141(T)/18                |            |  |
| <b>1457</b>                 | *145/18                   |            |  |
| <b>1460</b>                 | 142/18                    |            |  |
| <b>1630</b>                 | 148/18                    |            |  |

### **1800 serie kaarten / *1800 series charts***

| <b>Kaart / <i>Chart</i></b> | <b>BaZ / <i>NL NM</i></b> |           |            |
|-----------------------------|---------------------------|-----------|------------|
| <b>1801</b>                 | *146/18                   | 143(T)/18 | *141(T)/18 |
| <b>1807</b>                 | *147/18                   |           |            |

### **Hydrografische publicaties/ *Hydrographic publications***

| <b>Publication</b> | <b>BaZ / <i>NL NM</i></b> |  |  |
|--------------------|---------------------------|--|--|
|--------------------|---------------------------|--|--|

**NIL**

## Algemene berichten / *General notices*

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NIL

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## Opgeheven (P) en (T) berichten / *Cancelled (P) and (T) notices*

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| Kaart / <i>Chart</i> | Int. | BaZ / <i>NL NM</i> | Opgeheven / <i>Cancelled</i>      |
|----------------------|------|--------------------|-----------------------------------|
| 1801                 |      | 374(T)/17          | 12 apr 2018, BELGIE. NIEUWPOORT.  |
| 1803                 |      | 93(T)/18           | 12 apr 2018, BELGIE. GALGESCHOOR. |

## Berichten Zeekaarten / *Notices Nautical charts*

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**\*141(T)/18** NOORDZEE. ROTTERDAM. TEN NOORDEN VAN DE MAASGEUL.

| Kaart / <i>Chart</i> | Int. / <i>Int.</i> | Itemnr. / <i>Itemno.</i> |
|----------------------|--------------------|--------------------------|
| 122                  | 1472               | 1                        |
| 130                  | 1423               | 1                        |

**1** Baggerwerkzaamheden worden uitgevoerd tot 14 mei 2018, in een gebied begrensd door de volgende posities:

- a. 52-03,37 N 003-56,00 E;
- b. 52-03,92 N 003-56,76 E;
- c. 52-03,29 N 003-58,06 E;
- d. 52-02,74 N 003-57,31 E.

*Dredging works are taking place until 14 May 2018, within area bounded by the following positions:*

- a. 52-03.37 N 003-56.00 E;
- b. 52-03.92 N 003-56.76 E;
- c. 52-03.29 N 003-58.06 E;
- d. 52-02.74 N 003-57.31 E.

**Bron / Source:** HBR 29/2018; PNR 695-2018-1.

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**142/18** NOORDZEE. EEMSGEUL. RANDZELGAT.

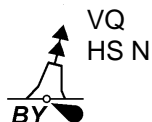
| <b>Kaart / Chart</b> | <b>Int. / Int.</b> | <b>Vorig BaZ / Prev. NL NM</b> | <b>Uitgave / Edition</b> | <b>Itemnr. / Itemno.</b> |
|----------------------|--------------------|--------------------------------|--------------------------|--------------------------|
| 1460                 | 1461               | 97/18                          | jan 2018                 | 1                        |

|                                      |  |  |         |                        |
|--------------------------------------|--|--|---------|------------------------|
| <b>1</b> Aanbrengen<br><i>Insert</i> |  |  | op / at | 53-31,06 N 006-46,57 E |
|--------------------------------------|--|--|---------|------------------------|

10<sub>7</sub>**Bron / Source:** BSH 13/2018; PNR 780-2018-3.**144/18** DUITSLAND. DUITSE BOCHT. GLOBAL TECH 1 WINDFARM.

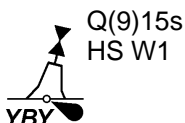
| <b>Kaart / Chart</b> | <b>Int. / Int.</b> | <b>Vorig BaZ / Prev. NL NM</b> | <b>Uitgave / Edition</b> | <b>Itemnr. / Itemno.</b> |
|----------------------|--------------------|--------------------------------|--------------------------|--------------------------|
| 1037                 | 1045               | 139/18                         | Apr 2015                 | 1, 2, 3, 4               |

|                                     |  |  |            |                        |
|-------------------------------------|--|--|------------|------------------------|
| <b>1</b> Verplaatsen<br><i>Move</i> |  |  | van / from | 54-30,23 N 006-17,65 E |
|-------------------------------------|--|--|------------|------------------------|



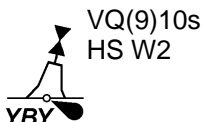
|  |  |  |           |                        |
|--|--|--|-----------|------------------------|
|  |  |  | naar / to | 54-31,44 N 006-16,56 E |
|--|--|--|-----------|------------------------|

|                                     |  |  |            |                        |
|-------------------------------------|--|--|------------|------------------------|
| <b>2</b> Verplaatsen<br><i>Move</i> |  |  | van / from | 54-24,52 N 006-18,05 E |
|-------------------------------------|--|--|------------|------------------------|



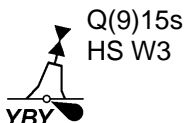
|  |  |  |           |                        |
|--|--|--|-----------|------------------------|
|  |  |  | naar / to | 54-23,16 N 006-19,95 E |
|--|--|--|-----------|------------------------|

|                                     |  |  |            |                        |
|-------------------------------------|--|--|------------|------------------------|
| <b>3</b> Verplaatsen<br><i>Move</i> |  |  | van / from | 54-27,58 N 006-13,17 E |
|-------------------------------------|--|--|------------|------------------------|



|  |  |  |           |                        |
|--|--|--|-----------|------------------------|
|  |  |  | naar / to | 54-26,74 N 006-14,37 E |
|--|--|--|-----------|------------------------|

|                                      |  |  |         |                        |
|--------------------------------------|--|--|---------|------------------------|
| <b>4</b> Aanbrengen<br><i>Insert</i> |  |  | op / at | 54-30,31 N 006-08,77 E |
|--------------------------------------|--|--|---------|------------------------|

**Bron / Source:** WSA Cuxhaven 26/2018; PNR 813-2018-2.

**\*145/18** WADDENZEE. SLENK - NOORD MEEP.

Refereert aan BaZ/refers to NL NM: 132/18

| <b>Kaart / Chart</b> | <b>Int. / Int.</b> | <b>Vorig BaZ / Prev. NL NM</b> | <b>Uitgave / Edition</b> | <b>Itemnr. / Itemno.</b> |
|----------------------|--------------------|--------------------------------|--------------------------|--------------------------|
| 1457                 | 1464               | 138/18                         | Oct 2017                 | 1                        |

|                              |  |                      |            |                        |
|------------------------------|--|----------------------|------------|------------------------|
| <b>1</b> Verplaatsen<br>Move | <br>YBY | VQ(3)5s<br>NM 4-S 21 | van / from | 53-19,12 N 005-15,44 E |
|                              |  |                      | naar / to  | 53-19,08 N 005-15,37 E |

**Bron / Source:** RWS MD 103/18; PNR 702-2018-1 en 864-2018-1.

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**\*146/18** NOORDZEE. SLIJKGAT.


| <b>Kaart / Chart</b> | <b>Int. / Int.</b> | <b>Vorig BaZ / Prev. NL NM</b> | <b>Uitgave / Edition</b> | <b>Itemnr. / Itemno.</b> |
|----------------------|--------------------|--------------------------------|--------------------------|--------------------------|
| 110.B                | 1473               | 65/18                          | apr 2017                 | 1, 2, 3, 4, 5, 6, 7, 8   |
| 122                  | 1472               | 65/18                          | jan 2016                 | 6, 7                     |

|                              |   |                   |            |                        |
|------------------------------|---|-------------------|------------|------------------------|
| <b>1</b> Schrappen<br>Delete | <br>G | Iso.G.8s<br>SG 5A | van / from | 51-50,71 N 003-56,01 E |
|------------------------------|---|-------------------|------------|------------------------|

|                              |  |                  |            |                        |
|------------------------------|--|------------------|------------|------------------------|
| <b>2</b> Verplaatsen<br>Move | <br>R | Iso.R.4s<br>SG 8 | van / from | 51-50,82 N 003-56,46 E |
|                              |  |                  | naar / to  | 51-50,82 N 003-56,10 E |

|                              |  |                  |            |                        |
|------------------------------|--|------------------|------------|------------------------|
| <b>3</b> Verplaatsen<br>Move | <br>G | Iso.G.2s<br>SG 7 | van / from | 51-50,69 N 003-56,42 E |
|                              |  |                  | naar / to  | 51-50,71 N 003-56,01 E |

|                               |  |       |         |                        |
|-------------------------------|--|-------|---------|------------------------|
| <b>4</b> Aanbrengen<br>Insert | <br>R | SG 8A | op / at | 51-50,91 N 003-56,74 E |
|-------------------------------|--|-------|---------|------------------------|

|                               |  |       |         |                        |
|-------------------------------|--|-------|---------|------------------------|
| <b>5</b> Aanbrengen<br>Insert | <br>G | SG 7A | op / at | 51-50,77 N 003-56,73 E |
|-------------------------------|--|-------|---------|------------------------|



**6** Verander Change      Iso.R.8s P4      op / at      51-51,47 N 004-01,30 E

in / into



Q.R  
P4



**7** Verander Change      Iso.G.8s P3      op / at      51-51,37 N 004-01,22 E

in / into



Q.G  
P3



**8** Verander Change      Iso.G.2s P5      op / at      51-50,90 N 004-01,90 E

in / into



Iso.G.4s  
P5



**Bron / Source:** RWS MD 86/2018; PNR 624-2018-1 en 624-2018-2.

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## 148/18 NOORDZEE. ENGELAND. DW ROUTE.

| Kaart / Chart | Int. / Int. | Vorig BaZ / Prev. NL NM | Uitgave / Edition | Itemnr. / Itemno. |
|---------------|-------------|-------------------------|-------------------|-------------------|
| 1035          | 1046        | 133/18                  | apr 2017          | 1, 2              |
| 1630          | 1416        | 65/18                   | apr 2017          | 1, 2              |

**1** Aanbrengen Insert      Fl(5)Y.20s      op / at      52-09,17 N 002-32,99 E



**2** Aanbrengen Insert      Fl(5)Y.20s      op / at      52-19,34 N 002-32,48 E



**Bron / Source:** UKHO 1262/2018; PNR 570-2018-3.

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## Berichten 1800 serie kaarten / Notices 1800 series charts

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**\*141(T)/18** NOORDZEE. ROTTERDAM. TEN NOORDEN VAN DE MAASGEUL.

| Kaart / Chart | Int. / Int. | Itemnr. / Itemno. |
|---------------|-------------|-------------------|
| 1801.7        | n.a.        | 1                 |

**1** Baggerwerkzaamheden worden uitgevoerd tot 14 mei 2018, in een gebied begrensd door de volgende posities:

- a. 52-03,37 N 003-56,00 E;
- b. 52-03,92 N 003-56,76 E;
- c. 52-03,29 N 003-58,06 E;
- d. 52-02,74 N 003-57,31 E.

*Dredging works are taking place until 14 May 2018, within area bounded by the following positions:*

- a. 52-03.37 N 003-56.00 E;
- b. 52-03.92 N 003-56.76 E;
- c. 52-03.29 N 003-58.06 E;
- d. 52-02.74 N 003-57.31 E.

**Bron / Source:** HBR 29/2018; PNR 695-2018-1.

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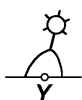
**143(T)/18** BELGIE. OOSTENDE. KLEINE REDE.

| Kaart / Chart | Int. / Int. | Itemnr. / Itemno. |
|---------------|-------------|-------------------|
| 1801.2        | n.a.        | 1, 2, 3, 4        |
| 1801.3        | n.a.        | 1, 2, 3           |

**1** Aanbrengen O op / at 51-14,28 N 002-52,09 E  
*Insert*



**2** Aanbrengen Fl.Y.5s op / at 51-14,13 N 002-54,22 E  
*Insert* S



**3** Aanbrengen 2 op / at 51-14,33 N 002-53,25 E  
*Insert*



**4** Aanbrengen 4 op / at 51-13,38 N 002-52,75 E  
*Insert*



**Bron / Source:** VH 96/2018; PNR 784-2018-6.

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**\*146/18** NOORDZEE. SLIJKGAT.

**Kaart / Chart** 1801.6 **Int. / Int.** n.a. **Vorig BaZ / Prev. NL NM** 136/18 **Uitgave / Edition** apr 2017 **Itemnr. / Itemno.** 1, 2, 3, 4, 5, 6, 7, 8

**1** Schrappen Iso.G.8s van / from 51-50,71 N 003-56,01 E  
*Delete* SG 5A



**2** Verplaatsen Iso.R.4s van / from 51-50,82 N 003-56,46 E  
*Move* SG 8



naar / to 51-50,82 N 003-56,10 E

**3** Verplaatsen Iso.G.2s van / from 51-50,69 N 003-56,42 E  
*Move* SG 7



naar / to 51-50,71 N 003-56,01 E

**4** Aanbrengen SG 8A op / at 51-50,91 N 003-56,74 E  
*Insert*



**5** Aanbrengen SG 7A op / at 51-50,77 N 003-56,73 E  
*Insert*



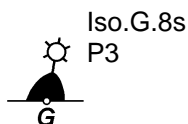
**6** Verander Iso.R.8s op / at 51-51,47 N 004-01,30 E  
*Change* P4



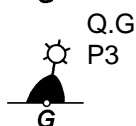
in / into Q.R



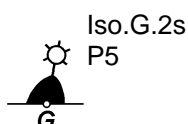
**7** Verander Change op / at 51-51,37 N 004-01,22 E



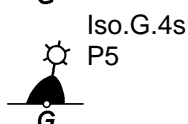
in / into



**8** Verander Change op / at 51-50,90 N 004-01,90 E



in / into



**Bron / Source:** RWS MD 86/2018; PNR 624-2018-1 en 624-2018-2.

**\*147/18 HARINGVLIET OOST. VENTJAGERSGAATJE.**

| Kaart / Chart | Int. / Int. | Vorig BaZ / Prev. NL NM | Uitgave / Edition | Itemnr. / Itemno.  |
|---------------|-------------|-------------------------|-------------------|--|
| 1807.7        | n.a.        | 130/18                  | feb 2018          | 1, 2, 3, 4, 5, 6, 7,<br>8, 9, 10, 11, 12,<br>13, 14, 15, 16, 17,<br>18 |

**1** Schrappen Delete van / from 51-42,75 N 004-18,64 E



**2** Schrappen Delete 8 sparren / 8 spindles van / from 51-42,78 N 004-18,77 E  
51-43,21 N 004-19,68 E













**3** Schrappen Delete 12 sparren / 12 spindles van / from 51-43,29 N 004-19,89 E  
51-43,40 N 004-20,41 E  
51-42,82 N 004-22,42 E



**4** Schrappen Delete 6 sparren / 6 spindles van / from 51-42,74 N 004-22,65 E  
51-42,63 N 004-22,96 E  
51-42,64 N 004-23,49 E



|  |   |         |                        |
|--|---|---------|------------------------|
| <b><u>5</u></b> Aanbrengen<br><i>Insert</i>  |    | op / at | 51-42,80 N 004-18,63 E |
| <b><u>6</u></b> Aanbrengen<br><i>Insert</i>  |    | op / at | 51-42,87 N 004-18,81 E |
| <b><u>7</u></b> Aanbrengen<br><i>Insert</i>  |    | op / at | 51-42,94 N 004-19,01 E |
| <b><u>8</u></b> Aanbrengen<br><i>Insert</i>  |    | op / at | 51-43,13 N 004-19,44 E |
| <b><u>9</u></b> Aanbrengen<br><i>Insert</i>  |   | op / at | 51-43,29 N 004-19,92 E |
| <b><u>10</u></b> Aanbrengen<br><i>Insert</i> |  | op / at | 51-43,40 N 004-20,49 E |
| <b><u>11</u></b> Aanbrengen<br><i>Insert</i> |  | op / at | 51-43,32 N 004-21,08 E |
| <b><u>12</u></b> Aanbrengen<br><i>Insert</i> |  | op / at | 51-43,14 N 004-21,60 E |
| <b><u>13</u></b> Aanbrengen<br><i>Insert</i> |  | op / at | 51-42,93 N 004-22,10 E |
| <b><u>14</u></b> Aanbrengen<br><i>Insert</i> |  | op / at | 51-42,75 N 004-22,54 E |

**15** Aanbrengen  
*Insert*



op / at 51-42,69 N 004-22,69 E

**16** Aanbrengen  
*Insert*



op / at 51-42,64 N 004-22,84 E

**17** Aanbrengen  
*Insert*



op / at 51-42,60 N 004-23,20 E

**18** Aanbrengen  
*Insert*



op / at 51-42,63 N 004-23,58 E

**Bron / Source:** RWS MD 92/2018; PNR 645-2018-1.

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**Berichten Hydrografische publicaties / Notices Hydrographic  
publications**

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**NIL**

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## Meetinstrumenten / Measuring instruments list

Overzicht van tijdelijke meetinstrumenten in het Nederlands zeegebied, binnenwateren en aangrenzend buitenlands gebied. Scheepvaart wordt verzocht niet te vissen noch te ankeren in de nabijheid van deze posities en op ruime afstand te passeren. Alleen de meest grootschalige kaart wordt genoemd.

*Summary of temporary measuring instruments in the Netherlands sea area, inland waters and adjacent foreign waters. Shipping is requested not to fish nor anchor near these positions and to give a wide berth. Only the largest scale chart is quoted.*

**N** Nieuw / New

**V** Verwijderd / Deleted

**G** Gewijzigd / Changed

|          | Naam<br>Name | Vaarwater<br>Waters     | Licht<br>Light | Positie<br>Position    | Kaart<br>Chart | 1800 Serie<br>1800 Series |
|----------|--------------|-------------------------|----------------|------------------------|----------------|---------------------------|
|          | DM 1         | De Panne                | Q              | 51-13,82 N 002-52,91 E |                | 1801.2                    |
| <b>N</b> | aKust5       | Haven Oostende          |                | 51-14,43 N 002-55,24 E |                | 1801.2                    |
|          | HD9          | Ravelingen              | Fl.Y.5s        | 51-17,31 N 002-51,73 E |                | 1801.2                    |
|          | aKust94      | Ravelingen              | Fl(5)Y.20s     | 51-17,35 N 002-51,79 E |                | 1801.2                    |
|          | H13          | West Hinder             | Fl.Y.5s        | 51-20,79 N 002-42,39 E | 1035           | 1801.2                    |
|          | aKust21      | Kwintebank              | Fl(5)Y.20s     | 51-20,95 N 002-42,44 E |                | 1801.2                    |
|          | HD11         | Negenvaam               | Fl.Y.5s        | 51-20,96 N 002-42,51 E |                | 1801.2                    |
|          | HD5          | Zand                    | Fl.Y.5s        | 51-21,18 N 003-07,25 E |                | 1801.3                    |
|          | aKust23      | Zand                    | Fl(5)Y.20s     | 51-21,58 N 003-07,19 E |                | 1801.3                    |
|          | HD27         | Westhinder              | Fl.Y.5s        | 51-22,85 N 002-26,17 E | 1630           |                           |
|          | aKust1       | Westhinder              | Fl(5)Y.20s     | 51-22,89 N 002-26,22 E | 1630           |                           |
|          | MP0101       | Ossensisse              | Unlit          | 51-23,21 N 003-57,58 E | 120            | 1803.3                    |
|          | MP0205       | Ossensisse              | Unlit          | 51-23,52 N 003-57,64 E | 120            | 1803.3                    |
|          | HD9          | Wielingenpas            | Fl.Y.5s        | 51-23,53 N 003-03,11 E |                | 1801.3                    |
|          | aKust11      | Wielingenpas            | Fl(5)Y.20s     | 51-23,54 N 003-03,03 E |                | 1801.3                    |
|          | MP0309       | Ossensisse              | Unlit          | 51-23,69 N 003-57,66 E | 120            | 1803.3                    |
|          | HD8          | Wielingenpas            | Fl.Y.5s        | 51-24,10 N 003-18,26 E |                | 1801.3                    |
|          | MP 6         | Plaat van Ossensisse    | Unlit          | 51-24,28 N 004-00,61 E | 120            | 1803.3                    |
|          | MP 7         | Plaat van Ossensisse    | Unlit          | 51-24,46 N 003-58,66 E | 120            | 1803.3                    |
|          |              | Platte Bank             | Unlit          | 51-30,38 N 004-06,35 E |                | 1805.7                    |
|          | SvY 1        | Schaar v Yerseke        | Fl(5)Y.20s     | 51-31,23 N 004-01,79 E |                | 1805.5                    |
|          |              | Slikken va den Dortsman | Unlit          | 51-32,04 N 004-02,86 E |                | 1805.5, 1805.7            |
|          | FSO-2        | Krammer                 | Fl.Y.5s        | 51-40,35 N 004-09,03 E |                | 1805.6                    |
|          | FSG-1        | Grevelingenmeer         | Fl.Y.5s        | 51-41,05 N 004-08,64 E |                | 1805.9                    |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-42,36 N 003-04,02 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Lodewijkbank            | Fl(5)Y.20s     | 51-42,41 N 003-02,08 E | 110            |                           |
|          |              | Windfarm Borssele       | Fl(5)y.20s     | 51-42,68 N 003-03,33 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-43,20 N 003-02,78 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-43,36 N 003-03,00 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-44,11 N 003-00,78 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-44,59 N 002-58,20 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-44,85 N 003-03,29 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-44,89 N 003-01,72 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-45,45 N 003-03,24 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |
|          |              | Windfarm Borssele       | Fl(5)Y.20s     | 51-45,83 N 003-05,13 E | 110            |                           |
|          |              | Pass                    |                |                        |                |                           |

| <b>Naam<br/>Name</b>         | <b>Vaarwater<br/>Waters</b>               | <b>Licht<br/>Light</b>                        | <b>Positie<br/>Position</b> |             | <b>Kaart<br/>Chart</b> | <b>1800 Serie<br/>1800 Series</b> |
|------------------------------|---|---|-----------------------------|-------------|------------------------|-----------------------------------|
| MEET 3                       | Haringvliet                               | Fl(4)Y.15s                                    | 51-49,60 N                  | 004-03,00 E |                        | 1807.6                            |
| MEET 2                       | Haringvliet                               | Fl(3)Y.10s                                    | 51-49,90 N                  | 004-02,50 E |                        | 1801.6                            |
| HKZB-SW                      | Noordzee. ten<br>westen van<br>Noordwijk. | Fl(5)Y.20s                                    | 52-17,39 N                  | 004-00,56 E | 125                    |                                   |
| HKZA                         | Noordzee ten<br>westen van<br>Noordwijk   | Fl(5)Y.20s                                    | 52-18,71 N                  | 004-00,81 E | 125                    |                                   |
| HKNB-SE                      | Breeveertien                              | Fl(5)Y.20s                                    | 52-40,92 N                  | 004-14,64 E | 126                    |                                   |
| WS156                        | Breeveertien                              | Fl(5)Y.20s                                    | 52-41,16 N                  | 004-14,88 E | 126                    |                                   |
|                              | Eems                                      | Fl.Y.4s                                       | 53-11,55 N                  | 007-24,44 E |                        | 1812.8                            |
|                              | Eems                                      | Fl.Y.4s                                       | 53-14,20 N                  | 007-23,81 E |                        | 1812.8                            |
| AZB 52                       | Dantziggat                                | Fl(5)Y.20s                                    | 53-23,53 N                  | 005-41,84 E |                        | 1811.6, 1812.2                    |
| Meet-<br>VHG                 | Vierhuizergat                             | Unlit   | 53-24,87 N                  | 006-15,73 E |                        | 1812.3                            |
| AZB 42                       | Westgat Ameland                           | Fl(5)Y.20s                                    | 53-25,54 N                  | 005-37,94 E |                        | 1811.6                            |
| AZB 32                       | Borndiep                                  | unknown                                       | 53-27,00 N                  | 005-36,31 E |                        | 1811.6                            |
| AZB 31                       | Westgat Ameland                           | Fl(5)Y.20s                                    | 53-27,04 N                  | 005-35,33 E |                        | 1811.6                            |
| PBW 1                        | Pieterburenwad                            | Fl(5)Y.20s                                    | 53-27,49 N                  | 006-27,60 E |                        | 1812.5                            |
| AZB 21                       | Borndiep                                  | Fl(5)Y.20s                                    | 53-28,89 N                  | 005-35,24 E |                        | 1811.6, 1811.10                   |
| AZB 22                       | Bornrif                                   | Fl(5)Y.20s                                    | 53-28,97 N                  | 005-37,40 E | 1458                   | 1811.6, 1811.10                   |
| OWEZ 1                       | Oude Westereems                           | Fl(5)Y.20s                                    | 53-29,28 N                  | 006-43,59 E | 1460                   | 1812.6                            |
| BOSZ 1                       | Boschwad                                  | Fl(5)Y.20s                                    | 53-29,74 N                  | 006-27,60 E |                        | 1812.5                            |
| OWEN 1                       | Oude Westereems                           | Fl(5)Y.20s                                    | 53-30,79 N                  | 006-40,63 E | 1460                   | 1812.6                            |
| AZB 11                       | Westgat                                   | unknown                                       | 53-31,80 N                  | 005-28,66 E | 1458                   | 1811.10                           |
| LAUO 1                       | Lauwers                                   | Fl(5)Y.20s                                    | 53-32,44 N                  | 006-27,06 E |                        | 1812.9                            |
| AZB 12                       | Bornrif                                   | Fl(5)Y.20s                                    | 53-32,49 N                  | 005-39,55 E | 1458                   | 1811.10                           |
| RZGN1                        | Randzelgat                                | Fl(5)Y.20s                                    | 53-34,22 N                  | 006-37,95 E | 1460                   | 1812.6, 1812.9,                   |
| WEO 1                        | Westereems                                | Fl(5)Y.20s                                    | 53-37,22 N                  | 006-31,33 E | 1460                   | 1812.9                            |
| WEW1                         | Westereems                                | Fl(5)Y.20s                                    | 53-37,26 N                  | 006-22,12 E | 1460                   | 1812.9                            |
| BRKN 1                       | Randzelgat                                | Fl(5)Y.20s                                    | 53-44,25 N                  | 006-37,58 E | 1353, 1633             | 1812.10                           |
| SAIV 342                     | Cleaver Bank                              | Fl(2)Y.5s                                     | 53-58,74 N                  | 003-16,66 E | 1632                   |                                   |
| MessG                        | Noordzee. Duitse<br>Bocht.                | Fl(5)Y.20s                                    | 54-20,67 N                  | 005-46,89 E | 1037                   |                                   |
| 4x<br>Cardinale<br>betonning | Noordzee. Duitse<br>Bocht                 | Cardinale<br>verlichting<br>rondom<br>positie | 54-30,75 N                  | 005-49,40 E | 1037                   |                                   |
|                              | Elbow Spit                                | Fl(2)Y.5s                                     | 55-01,41 N                  | 003-41,11 E | 1037                   |                                   |
|                              | Regnar Oil Field                          | Fl(5)Y.20s                                    | 55-18,34 N                  | 005-22,74 E | 1037                   |                                   |
|                              | Regnar Oil Field                          | Fl(5)Y.20s                                    | 55-26,34 N                  | 005-30,37 E | 1037                   |                                   |
|                              | Horns Rev                                 | Fl(5)Y.20s                                    | 55-36,70 N                  | 007-31,75 E | 1037                   |                                   |