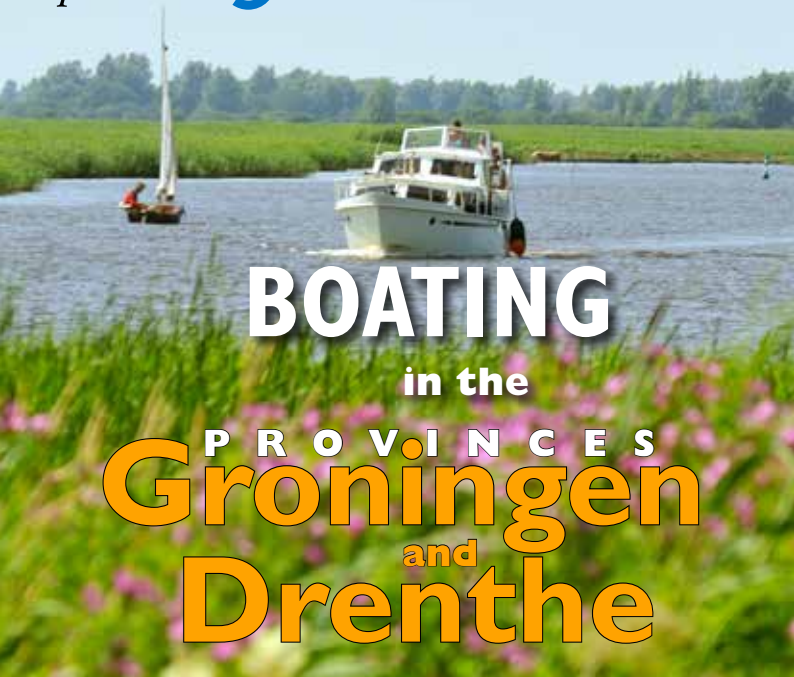




provincie
 groningen

provincie Drenthe



BOATING

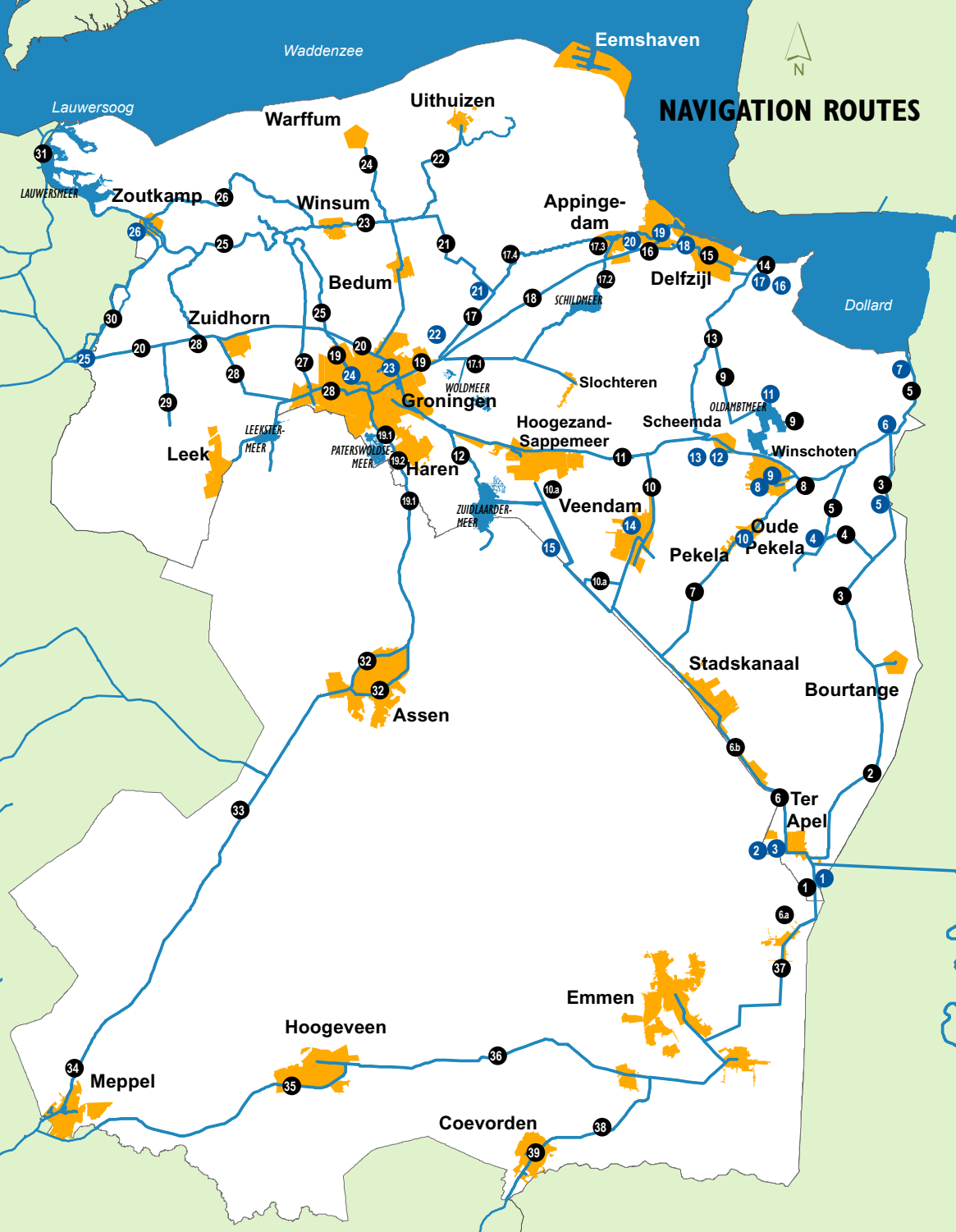
in the

PROVINCES
Groningen
and
Drenthe

OPERATING TIMES FOR BRIDGES AND LOCKS
FOR RECREATIONAL SHIPPING

1 MAY TO 1 OCTOBER 2019





Orange circle: places/urban area


Black circle: navigation routes (explanation from p. 10)

Blue circle: collection points for waterways keys (location)

Self-operated bridges and locks

A number of bridges and locks in the province of Groningen are self-operated.

In some cases they are operated with a push button or a pull cord, but you will usually need to use a 'waterways key'. You only need to buy one key: the same key is used for various boating routes throughout the whole of the province. A deposit of 35 euros is payable for a key.

This booklet shows which bridges and locks are self-operated and where you can obtain and return the key in the  symbol in the routes.

The blue numbers in the chart give the approximately location.

Carefully read the operating instructions for self-operated bridges and locks.

Carry out the steps one-by-one and do not rush.

For self-operated locks: do not enter the lock until the signal comes on. This prevents malfunctions.

For bridges: instructions are given on how to report malfunctions.

NB:

Don't forget to buy a waterways key!

The key is also available from the Province of Groningen, secretariat ECP, T +31(0)50 316 44 62



1 Petrol station

Rütenbrockerweg 1, Ter Apel
T +31 (0)599 581 604

**2 Bridge master
Ter Apel centre**

M +31 (0)6 23 96 67 16

**3 Bridge master Ter Apeler-
en Stadskanaal**

**4 Harbour master
Wedderveer**

T +31 (0)597 561 717

5 Museum

Hoofdweg 161, Bellingwolde
T +31 (0)597 531 509

**6 Bridge master
Nieuweschans**

T +31 (0)6 10 74 63 42

**7 Lockkeeper
Nieuw Statenzijl**

T +31 (0)598 693 463

8 Marina Winschoten

Hellingbaan 4, Winschoten
Harbour master E. Postema
T +31 (0)6 28 97 46 13
alternative: +31 (0)6 14 76 39 67

9 VVV Oldambt

c/o culture venue De Klinker
mr. D.U. Stikkerlaan 251
9675 DG Winschoten
T +31 (0)597 700 270
info@vvv-oldambt.nl

**10 Bridge master
Pekeler Hoofddiep**

T +31 (0)6 51 71 25 69

- 
- 11 Marina Midwolda**
Strandweg 1, 9681 BK Midwolda
T +31 (0)6 52 30 75 28
- 12 Deleted**
- 13 Cafe De Haven**
Diepswal 23, Scheemda
T +31 (0)597 591 252
- 14 VVV Veenkoloniën
agentschap Veendam**
Museumplein 5b,
9641AD Veendam
T +31 (0)598 364 224
www.veenkolonien.groningen.nl
Opening hours Tue to Thur 11-17
and Fri to Mon 13-17
- 15 Bridge masters
Kielwindeweer**
T +31 (0)6 21 68 90 25
- 16 Cafe Restaurant
Marina Termunterzijl**
Plankpad 7
T +31 (0)596 601 356
- 17 Harbour master
Termunterzijl**
T +31 (0)596 605 613 /
+31 (0)6 22 73 56 13
- 18 Marina ZV Neptunus**
Handelskade West 7, Delfzijl
T +31(0)6 83 24 15 03
- 19 Bridge master 'bridge 15'
(Delfzijl) over the Oude
Eemskanaal**
(ANWB wateratlas nr 17)

20 VVV office Appingedam

Oude Kerkstraat 1,
9901 JB Appingedam

**21 Lock 'Oosterdijks-
hornerverlaat' at Ten Boer**

M +31 (0)6 53 61 00 38

22 Tichelaar family

Oude Rijksweg 3
9798 PA Garmerwolde
T +31 (0)50 542 16 15

**23 Harbour Groninger
Motorbootclub**

Eemskanaal N.Z. 70 Groningen
T +31 (0)50 314 17 28

**24 Watersport centre
Oosterhaven**

Groningen,
T +31 (0)50 314 08 92

**25 Camping site and visitors'
marina 'De 4 Elementen'**

Groningerstreek 35
9871 PG Stroobos
T +31 (0)512 712 400 /
+31 (0)6 21 17 60 43

**26 Toerist Information Centre
Waddenland**

Reitdiepskade 11, Zoutkamp
T +31 (0)595 401 957







Operating times for bridges and locks

This brochure provides you with information about the operating times for bridges and locks from 1 May to 1 October 2019.

Together with the ANWB Wateratlas and the ANWB-Wateratlas, this brochure shows you the way in the inland waterways of Groningen and Drenthe.

For more information, see www.varen.groningen.nl and www.varen.drenthe.nl

No rights can be derived from the contents of this brochure.

Bon voyage!

Fishing nets

Professional fishers operate in our province's inland waterways. This means that you may come across fishing nets in the canals, lakes and other waterways. These nets are set out from the bank to the middle of the waterway. You pass them in the widest part of the canal. The nets are identified with stocks with flags on them in the lakes.

In some places you may come across barrier nets. These nets are placed across the canal and close off the canal at night. They are marked by red warning lights. If you want to pass, sound a signal and the fisher will lower the net for you.

You may come across fishing nets in Drentse Diep at Zuidlaardermeer, in Aduarderdiep at Aduarderzijl, in Winsumerdiep at Winsum towards Onderdendam, in Kommerzijlsterriet at Electra and at the Lauwers just before the Friesian lock.

Discharge ban

There is a ban on pleasure craft discharging WCs into the water throughout the province. Information on where you will find the discharge stations for black water is given at www.vuilwater.info.

Clearance heights

These are indicated at Canal Level (KP). The water levels may be affected by the weather conditions. The summer level may be different from Canal Level (KP) in some waterways.


Recording of video images and VHF traffic

Information is recorded at the control centres of the Province of Groningen where bridges and locks are operated by remote. Visual and audio recordings are made of the operating process and the VHF traffic. This information can be used in the event of contingencies and incidents. Examples include a collision with a bridge, or a complaint about the bridge or lock operation.

More information on this subject can be obtained from the Province of Groningen, r.wieling@provinciegroningen.nl

EXPLANATION OF THE SYMBOLS USED

- C** Convoy
- H** Maximum clearance height
- D** Maximum permissible draught

- W** Maximum permissible width
- L** Maximum boat length
-  Waterways key

I TER APEL HAREN RÜTENBROCKKANAAL (NETHERLANDS TO THE GERMAN BORDER)

08.00 - 17.00

08.00 - 17.00

08.00 - 17.00

12.00 - 13.00

For the operation of bridges and locks in the Dutch part of Haren Rütenbrockkanaal tel. +31 (0)6 2396 6733. See also the instructions at the bridge itself.

Haren-Rütenbrockkanaal Germany

08.00 - 18.00

08.00 - 18.00

*

13.00 - 13.30 **

* **On Sundays** operation during the holiday period only

Nordrhein-Westfalen and Niedersachsen from **8.00-18.00**. Closed on public holidays.

** **Holterhuis and Kirchstrassenbrücke** (City area Haren (Ems) break from **13.00-14.00**.

Call button for the lockkeeper at the lock directly over the Dutch border. From Germany, call the lockkeeper of 7th Verlaat at the ESSO petrol station Potze (opposite lock Rütenbrockerweg).

All bridges and locks are operated remotely from lock I in Haren. To navigate the entire Haren-Rütenbrock Canal you must enter the route 2.5 hours before the end of the operating hours. A charge of € 5.00 per passage is made.

Info Sluis I

Haren +49(0) 5932 4376 or +49(0) 1714 7727 83

NLWKN Meppen +49(0) 5931 406-0

There is a jetty in Haren (**60m**)

info: +49(0)17 3464 5990 or www.nlwkn.niedersachsen.de

Waterway connection Erica-Ter Apel (SEE 6A)

08.00 - 17.00

08.00 - 17.00

09.00 - 17.00 *

12.00 - 13.00

* **On Sundays and public holidays** operation in June, July and August only

2 RUITEN AA-KANAAL FROM TER APEL TO VEELERVEEN

08.00 - 20.00

08.00 - 20.00

08.00 - 20.00

From Ter Apel to Veelerveen is a self-operated route. At Bourtangersluis you can reach the historic settlement of Bourtange (with a marina) via Bourtangerkanaal (1.5 km). Via Bourtangersluis with movable bridge and Vlagtweddersluis with fixed bridge **H 3.0m** to Parc Emslandermeer. From the bridge Noabersbadde (Mercedesbrug) to the junction Mussel Aa canal, fixed bridge **H 2.50m** via B.L. Tijdenskanaal (see 3) you can go to Bad Nieuweschans or via Veendiep (see under 4) to recreation area Wedderbergen

 [issue point 1/2/3](#)

From Ruiten AA-kanaal to Parc Emslandermeer

08.00 - 21.00

08.00 - 21.00

08.00 - 21.00

via B.L. Tijdenskanaal to Bad Nieuweschans or via Veendiep to recreation area Wedderbergen

Fault number Waterschap Hunze en Aa's: T. +31(0)598 - 693 470

 [issue point 1/2/3](#)

3 B.L. TIJDENSKANAAL (SELF-OPERATED)

08.00 - 21.00

08.00 - 21.00

08.00 - 21.00

Waterway from Ruiten AA canal to Bad Nieuweschans

Lowest fixed bridge **H 2.50m** / 5 lift bridges

Fault number Waterschap Hunze en Aa's: T. +31(0)598 - 693 470

 [issue point 4/5/6/7/8/9/10/11.](#)

4 VEENDIEP

08.00 - 21.00

08.00 - 21.00

08.00 - 21.00

Waterway from B.L. Tijdenskanaal to Westerwoldse AA with 'green' self-operated lock (usually open)

D 1.20m, lowest fixed bridge H 2.50m

 Issue point 4/5/6/7/8/9/10/11.

Fault number Waterschap Hunze en Aa's: T. +31(0)598 - 693 470

5 WESTERWOLDSE AA FROM WEDDE TO NIEUW STATENZIJL

Lock Bultsterverlaat (SELF-OPERATED)

08.00 - 22.00

08.00 - 22.00

08.00 - 22.00

In Pekel Aa connected to Westerwoldse Aa. Instruction at the lock: look out for the warning lights!

Fault number Waterschap Hunze en Aa's: T. +31(0)598 - 693 470


Lift bridge Klein Ulsda (SELF-OPERATED)

08.00 - 21.00

08.00 - 21.00

08.00 - 21.00

From Wedde along recreation park Wedderbergen towards Winschoten/ Pekel Aa. Lowest fixed bridge H 2.50m

 issue point 4/5/6/7/8/9/10/11

Bridge in Rijksweg A7 at Nieuweschans

Monday to Friday, apply during office hours 24 hours in advance, tel. +31 (0)88 - 797 44 22, H 4.25m

Mo. to Sa. 09.00-12.00 / 14.00-17.00 hrs (sundays en public hollidays no services)

MONDAY TO FRIDAY

SATURDAY

SUNDAYS AND
PUBLIC HOLIDAYS

BREAK

Nieuweschans (3 bridges)

09.00 - 17.00

09.00 - 17.00

09.00 - 17.00

12.00 - 14.00

Railway bridge operation if train timetable permits. Railway bridge operation **outside of boating season** on request, apply 24 hours in advance to Afeer, tel. +31(0)6 1074 6342.

Lock and bridge Nieuwe Statenzijl

08.00 - 17.00

08.00 - 17.00

09.00 - 17.00

12.00 - 13.00

Operation depends on the tide and draught.

6 TER APELKANAAL (C)

08.00 - 17.00

08.00 - 17.00

08.00 - 17.00 *

12.00 - 13.00

* On Sundays and public holidays operation in June, July and August and on Ascension Day and Whitsun only. Closed on other Sundays and public holidays.

6a Erica-Ter Apel (C)

08.00 - 17.00

08.00 - 17.00

09.00 - 17.00 *

12.00 - 13.00

* Operation on Sundays and public holidays in June, July and August only. Closed on other Sundays and public holidays. **D 1.50m, H 3.50m**
Please note: The operating hours in Drenthe are different (see under Drenthe)



6b Musselkanaal/Stadskanaal **May to August**

09.00 - 17.00

09.00 - 17.00

09.00 - 17.00 *

12.00 - 13.00

* No operation on Sundays in May and September.

in September: (C)In September, there is a convoy from *Monday to Saturday* from:

- Town centre of Stadskanaal (Eurobrug Hoofdstraat-Stationslaan) in both directions, departure times 8.30 and 13.00 hours;
- Musselkanaal (bicycle and pedestrian bridge A-weg-A-kade) to centre of Stadskanaal, departure times 10.30 and 15.00 hours;
- Stadskanaal Noord (bridge Unikenstraat-Gietermond) to centre Stadskanaal, departure times 10.30 and 15.00 hours.

Tel.no. bridge and lock operation +31 (0)6 - 5124 5855.

Railway bridge Bareveld

The bridge is only opened on request. This must be done at least 24 hours in advance using tel. +31 (0)599 - 651 890 (Museumspoorlijn STAR). Passage is possible for vessels up to a height of approximately **3.70m**. In case of doubt, call the telephone number given above.

The next bridge is a fixed bridge **H 5m** by KP.**7 PEKELER HOOFDDIEP (C)**

09.30 - 16.30

09.30 - 16.30

CLOSED

12.00 - 13.00

Operated from 9.30-16.30 from Oude Pekela at the marina next to Blijhamsterbrug and from Stadskanaal at the 1st lock - the transfer lock - alongside the canal Veendam-Musselkanaal. If you leave Stadskanaal at 13.30 it is possible to reach the marina in Oude Pekela. **Closed on the 2nd Saturday of September.**

T. convoy: +31(0)6 5171 25 69 / (0)6 2396 6753.

8 WINSCHOTEN

Railway bridge De Rensel

09.00 - 17.30

09.00 - 17.30

09.00 - 17.30

12.00 - 13.00

Oude Pekela- From the Winschoterdiep you can access the Pekel Aa via the railway bridge (De Rensel) towards Pekeler Hoofddiep.

T. Bridge master: +31(0)6 2286 1502.

Pekel Aa: Winschoterhogbrug

06.00 - 19.00

06.00 - 19.00

09.00 - 19.00

Bridge operation via report button at the bridge.

Bicycle bridge over the Pekel Aa (SELF-OPERATED)

 issue point 7/10/11/14. In closed position H 2.50m.

Winschoten Renselbrug

06.00 - 22.00

06.00 - 20.00

09.00 - 19.00

9 OLDAMBTMEER

Blauwediepsluis via Winschoterdiep (SELF-OPERATED)

08.00 - 22.00

08.00 - 22.00

08.00 - 22.00

 issue point 7/8/9/10/11 | B 5.50m | D 1.10m | 3 fixed bridges H 3.75m
| Lock max 30m

The marina in Beerta can be reached from Oldambtmeer via Reiderdiep, 2 fixed bridges H 2.5m or from Blauwediep via Reiderdiep, 1 fixed bridge H 3.75m and 2 fixed bridges H 2.5m

Blauwe passage

Oldambtmeer can also be reached via Blauwe Passage. In Blauwe Passage there are 3 fixed bridges of 3.75m, a self-operated lock on the northern side of the lake and a bridge (closed bridge 2.5m open bridge 3.75m). The Blauwe Passage bridge is operated by Brasserie Old School from 9.00-17.00 (tel. +31 (0)6 5793 2753)

B 6m, D 1.3m | lock max 30m

10 VEENDAM

A.G. Wildervanckkanaal

(from Winschoterdiep to Veendam, call on VHF 22 possible)

00.00 - 24.00 *

00.00 - 20.00

09.00 - 19.00

The bridges in A.G. Wildervanckkanaal from Winschoterdiep to Veendam: Railway bridge Zuidbroek (if permitted by the train timetable), Meedenerbrug, Geert Veenhuizenbrug, the bicycle bridge De Vrijheid.

* operated on Mondays from 06.00-24.00

Oosterdiep

Veendam/Stadskanaal/Langeboschemeer and the Grevelingkanaal (C)

08.00 - 17.00

08.00 - 17.00

08.00 - 17.00

12.00 - 13.00

Convoy from Veendam, Langeboschemeer and Bareveld. The numerous bridges may cause waiting times. The 32 movable bridges and 3 locks are operated by bridge masters. Havenverlaat is a self-operated lock. Tel. Bridge master: +31 (0)6 - 2241 3827.

 issue point 14

MONDAY TO FRIDAY

SATURDAY

SUNDAYS AND
PUBLIC HOLIDAYS

BREAK

Railway bridge Veendam

00.00 - 24.00

00.00 - 24.00

00.00 - 24.00

The railway bridge is open except for when trains pass on the STAR museumlijn.

For the current scheduled Star museum railway line service, see:

www.stadskanaal.rail.nl or vvv-agentschap Veenkoloniën via

+31 (0)598 364 224.

Westerdiepsterdallenkanaal: see under 10a.

Railway bridge Bareveld: see under 6b.

I0a ZUIDLAARDERMEER-BAREVELD/HOOGEZAND/VEENDAM (C)

 issue point 14/15

Permitted draught **1.20m**.

Permitted draught Westerdiepsterdallenkanaal **1.10m**.

T. bridge keeper +31(0)6 2168 9025 (during boating season)

This waterway connection consists of 3 routes:

a. *Zuidlaardermeer-Bareveld*: Via Kiel-Windeweer, Annerveenschekanaal, Eexterveenschekanaal to Bareveld. There is a convoy and a bridge master. (Report using the push button at waiting places at Leinewijk (entrance to Zuidlaardermeer), Bareveld and close to the Westerdiepsterdallenkanaal connection to Veendam.

Departure Leinebrug at

Leinewijk at Kropswolde: 08.00 10.25 13.00 15.30

Arrival Bareveld: 10.25 13.00 15.30 18.00

Departure Bareveld: 08.00 10.25 13.00 15.30

Arrival Leinebrug at

Leinewijk at Kropswolde: 10.25 13.00 15.30 18.00

Passage to visitors' marina at Drevenbos (see under b) is possible in consultation with the bridge master. Tel. bridge master: +31 (0)6 2168 9025 (only to be used for operation matters during boating season).

b. *Kiel-Windeweer-Hoogezand*: (visitors' marina Drevenbos); Convoy (report to bridge masters)

c. *Kiel-Windeweer- Veendam*: via Langebosschemeer and the Westerdiepsterdallenkanaal. The route features 2 fixed bridges **H 3.20m** and a self-operated lock. From Langebosschemeer you can proceed via self-operated lock and 2 bridges (convoy) to the centre of Veendam/Oosterdiep/A.G. Wildervanckkanaal.

Report for convoy Bareveld Zuidlaardermeer to the waiting point at Kieldiep close to the Westerdiepsterdallenkanaal connection.

11 WINSCHOTERDIEP

From Groningen to bridge Rijksweg N33-Zuidbroek from Sontbrug to bridge Rijksweg N33 (VHF22)

00.00 - 24.00 *

00.00 - 20.00

09.00 - 19.00

**

* Operated on Mondays from 06.00 - 24.00

** The high Euvelgunnerbrug is blocked from Monday to Friday from 07.00-09.00 and from 16.00 - 18.00 hours.

On the leading jetty there are call buttons at the 'SPORT' sign.

Gideonbrug (REQUEST IN ADVANCE)

09.30 and 14.30

Gideonbrug (to the east of Groningen's city centre H 7.00m): for ships with a fixed mast **operated only on request**. This must be applied for by 16.00 on the day before departure during office hours at control centre Eelderbrug, tel. +31 (0)50 318 8500 / VHF9). or Harbour office, T. +31(0)50 3678 537.

From Scheemda to Winschoten - Eexterbrug to Beertsterbrug (VHF22)

06.00 - 22.00

06.00 - 20.00

09.00 - 19.00

12 ZUIDLAARDERMEER

Via Drentsche diep

Fixed railway bridge H 2.90m | Fixed bicycle/pedestrian bridge H 3.15m

13 TERMUNTERZIJDIEP (SELF-OPERATED)

There are several fixed bridges in this route.

Lowest fixed bridge H 2.50m at Canal Level. In case of malfunctions, fault number reported at the bridge / call Scheve Klap, municipality of Delfzijl, tel. 140 596. Bridge operation only possible from 08.00-22.00 hrs.

 issue point 16/17

14 TERMUNTERZIJL LOCK

08.00 - 17.00*

09.00 - 18.00*

09.00 - 18.00*

Access to the Termunterzijldiep forms the connection between Termunterzijl and Winschoterdiep at Scheemda (see under 13 Termunterzijldiep). Apply to Rozema pumping station for operation of lock and bridge in Termunterzijl tel. +31 (0)59 8693 462.

* **Operation depends on the time** (in connection with incoming salt water). Lock passage only possible with outer port water level approx. 1.0m -NAP to 0.5m +NAP

Navigation connection between Termunterzijl and Delfzijl: see under 15.

15 OOSTERHORNHAVEN AND VERBINDINGSKANAAL NAVIGATION CONNECTION BETWEEN TERMUNTERZIJL AND DELFZIJL

09.00 - 19.00

09.00 - 19.00

09.00 - 19.00

issue point 13/16/17/18/19

You will pass Oosterhornhaven. Strictly follow the instructions at the entrance to Oosterhaven. **Smoking and open fire are strictly prohibited.** Recreational shipping may be temporarily diverted in the event of fire-hazardous substances being discharged into the harbour. Mooring is strictly prohibited in the harbour, other than at the beginning and end of the harbour at the special waiting jetties for that purpose. Passage through the harbour is monitored with cameras. VHF: Bridge operation VHF 84 and harbour service VHF 66.

In Oosterhornhaven you will pass two remote controlled bridges (Weiwerderbrug and Heemskesbrug), with camera surveillance. In the connection between the harbour and Termunterzijldiep you will pass the **lock complex Lalleweer (B 6.5 x L 35m), last lockage half an hour before the end of operating hours;**

MONDAY TO FRIDAY

SATURDAY

SUNDAYS AND
PUBLIC HOLIDAYS

BREAK

There is a movable bridge at Lalleweer in the connection canal. All of these locks and bridges are operated by remote. There are call buttons at the bridges (sign SPORT; VHF 84)

16 DELFZIJL

Sea locks Farmsum (VHF 26)

00.00 - 24.00

00.00 - 24.00

00.00 - 24.00

'Bridge 15' over Oude Eemskanaal / bridge Roggenkampsluis and 'Stuurhuis bridge'

in Delfzijl/connection between Damsterdiep/Oude Eemskanaal (remote control) (VHF 22)

08.00 - 19.30

08.00 - 19.30

08.00 - 19.30

12.00-14.00 and
16.30 - 18.30

17 DAMSTERDIEP CIRCUIT lowest bridge H2.35M*

* The water level in Damsterdiep can sometimes be highly variable. Pay attention to the signs showing the canal level ('KP').

17.1 Slochtersluis (REMOTE CONTROLLED FROM CONTROL CENTRE OOSTERSLUIS) (VHF64)

08.00 - 20.00

08.00 - 20.00

09.00 - 19.00 *

* Final lockage begins half an hour before the end of the operating hours.

Bridges at Slochterdiep and Afwateringskanaal of Duurswold (SELF-OPERATED)

08.00 - 22.00

08.00 - 22.00

08.00 - 22.00

 issue point 18/19/20/22/23/24/25 | H 2.50m

Connection Woldmeer-Slochterdiep Meerstad (SELF-OPERATED)

Woldmeer has a direct connection to Slochterdiep. A bridge and a lock (self-operated) are passed first. For the latest information about the operation of the bridge and the lock, reference is made to: www.meerstad.eu/recreatie/het-woldmeer/

Bridge operation only possible from mo. to sa. from 08.00-20.00 hrs.
Sun/public holidays 09.00-19.00 hrs.

17.2 Schildmeer (over Eemskanaal through Groevesluis-Zuid and Groevebrug)

Schildmeer- Oost/branch of Afwateringskanaal of Duurswold: Steendammerbrug in Steendam. *Bridge operation displayed on a sign with telephone number.*

Groevesluis-Zuid remote operation via call button (VHF 64)

08.00 - 20.00 *

08.00 - 20.00 *

09.00 - 19.00 *

* Final lockage begins half an hour before the end of the operating hours

Groevebrug (SELF-OPERATED)

08.00 - 22.00

08.00 - 22.00

08.00 - 22.00

 issue point 19

17.3 Appingedam

08.30 - 18.00

08.30 - 18.00

08.30 - 18.00

12.30 - 13.30

The bridges in Appingedam are operated by a single bridge master. The bridge master is alerted via a radio telephone that is operated when the recreational skipper uses a waterways key with the operating panel of the bridge with the SPORT sign. The bridge master then operates the bridge (some waiting time is possible; operating instructions given at the bridges).

MONDAY TO FRIDAY

SATURDAY

SUNDAYS AND
PUBLIC HOLIDAYS

BREAK

Groevesluis Noord remote operation (VHF64)

08.00 - 20.00 *

08.00 - 20.00 *

09.00 - 19.00 *

* Final lockage begins half an hour before the end of the operating hours
Groevesluis-noord: operation can be requested using the call button on the leading jetty (VHF 64). Call button only on the northern side (Groeve). Call up bridge master for Eendrachtbrug over the Groeve (can be done without a key using call button on the lock side): see 17.3 and instructions at the bridge.

17.3 Eendrachtbrug (over De Groeve)

08.30 - 18.00
and at 20.0008.30 - 18.00
and at 20.0008.30 - 18.00
and at 19.00

12.30 - 13.30

Request operation via call button (VHF 64)

From Appingedam-Damsterdiep (SELF-OPERATED)

 [issue point 19/21](#)

17.4 Damsterdiep

Three fixed bridges, lowest: **H 2.35m**. Connection between Eemskanaal and Damsterdiep via self-operated lock J.B. Bronssluis.

Self-operated bridges DAMSTERDIEP CIRCUIT

08.00 - 20.00

08.00 - 20.00

08.00 - 20.00

 [issue point 19/20/21/22/23/24](#)

Boltbrug Ten Boer (SELF-OPERATED)

08.30 - 20.00

08.30 - 20.00

08.30 - 20.00

11.30 - 12.30
16.30 - 17.30

The bridge cannot be operated when a bus or emergency services vehicle is passing (the red light will be on).

Bridge Ten Post (SELF-OPERATED)

7.30 - 8.30
12.00 - 13.00

17.5 Loppersum Wijmers (SELF-OPERATED)

From Damsterdiep it is possible to navigate from Garrelsweer via De Wijmers to Loppersum and Westeremden. There are 2 self-operated bridges in Loppersum: Pelmolensbrug and the Brouwerstil. Boats must pass the Brouwerssluis (self-operated) to enter Westeremdermaar in order to proceed. **L 10 x W 3m** (door turns inwards).

Max **H** to Loppersum **3 m.** then **2.20 m.**

18 EEMSKANAAL (VHF 64)**Driebondsbrug/Borgbrug/Bloemhofbrug/
Woldbrug/Eelwerderbrug**

00.00 - 24.00 *

00.00 - 20.00

09.00 - 19.00

Bridges are operated remotely; report at the 'SPORT' sign on the leading jetty.

* Operated on Mondays from 06.00 - 24.00 hours



Driebondsbrug (VHF 64)

Bridge operation only possible on the hour and half-hour. Closing times from Monday to Friday: 07.00 - 09.00 and 16.00 - 18.00 hours. Situated in the eastern ringroad of the city of Groningen, in closed position: **H 6.80m**.

19 GRONINGEN (C)

Incoming boats are met at the first bridges and guided to Zuiderhaven, where boats from other directions are also met. The boats then travel by convoy through the city centre. The bridges are usually operated by a bridge master. There may sometimes be delays owing to traffic conditions. In the worst case scenario, i.e. if all bridges have to be operated during rush hour, combined with a delay caused by the railway bridge, it may take you three hours to cross the city.

Eemskanaal via Verbindingskanaal to Reitdiep (TO DORKWERDERSLUIS) and back

09.30 - 19.30*

09.00 - 19.00**

9.00 - 19.00**

* 15.30 - 18.00

** 12.00 - 13.00

** 16.00 - 17.30

Berlagebrug^{***}/Oosterhavenbrug/Trompbrug/Oosterbrug/Herebrug/
Werkmanbrug/Emmabrug/Museumbrug/A-Brug/Visserbrug/
Plantsoenbrug/Herman Colleniusbrug/Railway bridge Reitdiep/Acm
bicycle bridge/Pleiadenbrug/Plataanbrug/Blauwbrugje(bicycle bridge)/
Zernikebrug

*****) Berlagebrug is remotely operated from the Harbour office
of the Municipality of Groningen.**

There may be strong currents in Reitdiep.

For operation in Groningen: call up control centre Groningen, VHF 9,
T +31 (0)50 318 8500. From here, the bridge masters are directed to the
bridges by radio telephone.

Zernikebrug, Blauwbrugje, Plataanbrug, Pleiadenbrug and ACM-bicycle
bridge are remote controlled from control centre Groningen.

Dorkwerdersluis (REMOTE CONTROL VHF 85)

07.00 - 19.00 *

07.00 - 19.00 *

09.00 - 19.00 *

* Final lockage begins half an hour before the end of the operating hours.

19.1 Noordwillemskanaal from Groningen to Assen

09.30 - 19.30*

09.00 - 19.00**

9.00 - 19.00**

* 15.30 - 18.00

** 12.00 - 13.00

** 16.00 - 17.30

Eelderbrug/Van Hallbrug (bicycle bridge next to railway bridge)/Zaanbrug/
Parkbrug/Muntinghbrug (bicycle bridge)/Julianabrug*/Van Iddekinge-
brug/van Ketwich Verschuurbrug remotely operated from harbour office
Groningen.

*) Local operation applies to Julianabrug.

The railway bridge is operated remotely by the railways that are in contact with the control centre. The bridge will be opened if the train timetable allows. (There are usually two openings an hour.) Report at the railway bridge, see instructions at the bridge.

Operation: daily from 09.00 - 19.00 hours.

Meerwegbrug Haren

09.00 - 17.00

09.00 - 17.00

09.00 - 17.00 *

12.00 - 13.00

* Operation on Sundays and public holidays in June, July and August only.

Bridge is operated remotely by the province of Drenthe. Call lock Peelo for operation.

19.2 Paterswoldsemeer (CONNECTING LOCK WITH NOORDWILLEMSKANAAL) (LOCK NIJVEENSTERKOLK)

09.00 - 19.00 *

09.00 - 19.00 *

09.00 - 19.00 *

12.00 - 13.00 *

* € 4.00 per vessel.

Lockage outside of these hours by appointment, € 45 per vessel,
tel. +31 (0)50 - 525 5381.

Last lockage 15 minutes before closing time.

20 VAN STARKENBORGHKANAAL (WEST TO EAST)

00.00 - 24.00 *

00.00 - 20.00

09.00 - 19.00

* Operated on Mondays from 06.00 - 24.00 hours

** *Gaarkeukensluis and Oostersluis*: Final lockage begins half an hour before the end of the operating hours.

Bridge Eibersburen (between Stroobos and Gaarkeuken)/lock Gaarkeuken**/bridges Zuidhorn/Aduard/Dorkwerd/Paddepoelsterbrug*/ Gerrit Krolbrug/Busbaanbrug***/Oostersluis**

Lock Gaarkeuken** (VHF 18), bridge Zuidhorn (H-low 4.00m, H-high 6.80m) and Aduard (H-low 3.80m, H-high 6.80m). Bridge Dorkwerd (H-low 4.50m, H-high 9.10m) for operation contact control centre Gaarkeuken (VHF 86). Paddepoelsterbrug* H 1.00m, Gerrit Krolbrug H 2.40m,

***) *Busbaanbrug* (operated on request during office hours, apply to Harbour office Groningen, tel. +31 (0)50 - 3678 534. For operation contact control centre Groningen (VHF 68) or use the call button at the sign 'SPORT' Oostersluis (VHF 20)

Construction work is being carried out at Aduard. This may cause delays.

*) Paddepoelster bridge temporarily not in place.


There are waiting places for pleasure craft at the locks. Follow the instructions in the 'SPORT' signs. There is an intercom connection with the lock personnel at the waiting place. The lock personnel use a PA system to give instructions to pleasure craft.

2 I WESTERWIJTWERDERMAAR C

From 1 May to 30 September: Operation Boerdam*, Westerwijtwerd and Oosterdijkshornerverlaat on request. Request operation at least 30 minutes in advance, tel. +31 (0)6 5361 0038.

Operation between 8.00 and 17.00 hours.

Lowest fixed bridge **H 2.24m**

 **waterways key** available from the lockkeeper at Oosterdijkshornerklap, you will need this key for the self-operating structures in Damsterdiep.

* From 4 march to 30 june 2019, the Boerdamsterdraaibrug cannot be opened due to work. Passage to a height of 1,40m and width of 4,20m is possible.

Vessels can continue towards Uithuizen at the following operating times:

TA Musschengabrug
Middelstum

10.00

12.50

15.50

10.15

13.05

16.05

Vessels can continue towards Onderdendam at the following operating hours - Bridge Fraamklap: 11.10, 13.30 and 17.05 hrs.



22 BOTERDIEP C

Daily convoy from Van Starckenborghkanaal to Uithuizen. Operation at set times

Boterdiepbrug	08.55	11.20	11.55	14.50	15.20	17.40
Lock Stad en Lande *)	SELF-OPERATION					
Zuidwolde	09.40	10.35	12.40	14.05	16.15	16.55
Ellerhuizen	10.00	10.15	13.00	13.45	16.35	16.35
Nye Klap	10.20	9.55	13.20	13.25	16.55	15.55
Bedum 3x	10.35	9.45	13.35	13.15	17.10	15.45
Bedum NS	Operated by Prorail on bridge master's request if permitted by train timetable					
Onderdendam 2x	11.30	8.40	14.30	12.20	18.05	14.40
Onderdendam 1x	11.30	8.40	14.30	12.20	18.05	14.40
Lock Den Deel *)	SELF-OPERATED					
Fraamklap**	12.40	9.50	15.40	11.10	17.05	13.30
TA Musschengabrug	12.50	10.00	15.50	11.00	16.55	13.20
Middelstum	13.05	10.15	16.05	10.45	16.40	13.05
Doodstil 1)	14.15	11.25	17.15	09.35	15.20	11.55
Uithuizen	14.30	11.40	17.30	9.20	15.05	11.40

1) Request operation at least 30 minutes in advance:

M +31 (0)6 3052 6604

This telephone number is for Doodstil only!

*) self-operated 24/7 (no key required)

***) Work on the Fraamklap bridge is being carried out from 4 March tot 30 Juni 2019.

23 WINSUMERDIEP

Lock Schaphalsterzijk (SELF-OPERATED)*

00.00 - 24.00

00.00 - 24.00

00.00 - 24.00

00.00 - 24.00

* no key required

fixed bridge H 3.0m

Zijlvesterbrug (ONDERDENDAM)

Operation at set times: 08.40 / 11.30 / 12.20 / 14.30 / 14.40 / 18.05

Opening for Bedum ends at 18.05 hours.

24 WARFFUMERMAAR

Warffumermaar- From Onderdendam to Warffum. Six fixed bridges.

Clearance height max. H 2.65m.

Private swing bridge, usually open (daily operation on request)

T +31 (0)50 304 9397

25 REITDIEP

07.00 - 19.00

07.00 - 19.00

09.00 - 19.00

*

VHF 85: control centre Lauwersoog/lock/bridge Lammerburen/
bridge Garnwerd/bicycle bridge Wetsingersluis.

Dorkwerdersluis*/Platvoetbrug/Bridge Wierumerschouw/
bicycle bridge Wetsingersluis/Bridge Roodehaan/Hunsingobrug (Zout-
kamp)/Reitdiepbrug/Friese Sluis: except for Robbengatsluis (see 31)

* *Dorkwerdersluis and Lammerburen lock*: Final lockage begins half an hour before the end of the operating hours.

There are call buttons for remote operation at the bridges and locks. Different operating times apply in the route from Zernikebrug towards Groningen city centre (see point 19).

26 HUNSINGOKANAAL/HOORNSEVAART/ MENSINGEWEESTERLOOPDIEP

Lowest fixed bridge: **H 2.40m.**

Husingosluis

Lock Husingosluis to the north of Zoutkamp, stays open.

H.D. Louwessluis

The floodgate (H.D. Louwessluis) to the east of Zoutkamp is usually open in the summer.

Operating times during boating season on working days from 13.00 - 14.00 hours, following contact with pumping station De Waterwolf, tel. +31 (0)594 591 203. Only operated if the difference between the drainage pool Lauwersmeer and the Husingokanaal is less than 6 cm.

The floodgate is closed to discharge water during (or just after) periods of heavy rainfall. It is not possible to proceed at that time.

In Hoornse Vaart at the Abelstok lock and in Zoutkamp to the west of Husingobrug, a red light is used to indicate that the H.D. Louwessluis is diverted.

In case of doubt, call: T +31 (0)595 401 108.

Lock Abelstok

Self-operated, no key required. In operation 24/7.

Bridges (VHF 85) HUNSINGOBRUG IN ZOUTKAMP

07.00 - 19.00

07.00 - 19.00

09.00 - 19.00

Bridge Husingobrug in Zoutkamp is operated remotely from the control centre in Lauwersoog (VHF 85) or using the call button. Ulrum and Leens can be reached from Zoutkamp by vessels up to 2,8m in height.



27 ADUARDERDIEP

Tichelwerkbrug (VHF 86) BICYCLE BRIDGE

LEEGKERK H 3.40M

00.00 - 24.00 *

00.00 - 20.00

09.00 - 19.00

* Operated on Mondays from 06.00 - 24.00 hours

Kinderverlatenbrug (TO THE NORTH OF RAILWAY BRIDGE AT VIERVERLATEN)

00.00 - 24.00 *

00.00 - 20.00

09.00 - 19.00 **

* Operated on Mondays from 06.00 - 24.00 hours

** Operated on Sundays and public holidays from 1 April to 31 October only.

Operated by remote from Gaarkeuken office VHF86

Operation Hoogkerk (SEE POINT 28 HOENDIEP)

28 HOENDIEP

28.1 Gabrug (VAN STARKENBORGHKANAAL AT NOORD- HORNERGA)

1 April to 30 June and 1 September to 31 October:

08.30 - 21.30

08.30 - 21.30

08.30 - 21.30

1 July to 31 August:

07.30 - 21.30

07.30 - 21.30

07.30 - 21.30

1 November to 31 March: on request (call during office hours 48 hours in advance T +31 (0)594 508 888). The marina in Brittil can be reached via this bridge.

You can reach Leekstermeer and Oostwold both using this route and via Aduarderdiep (see 27).

28.2 Operation of bridges Brittil to De Poffert C

Operation (from 1 May to 31 August):

Departure from bridge Brittil: Monday to Friday: 8.30 and 13.30. Saturdays, Sundays and public holidays: 9.15 and 14.30.

Departure from bridge De Poffert: Monday to Friday 10.00 and 15.00. Saturdays, Sundays and public holidays: 10.45 and 16.00. 1 September to 30 April Mon-Sat, on request and in consultation, call 24 hours in advance during office hours +31 (0)50 316 4692 / +31 (0)50 316 4813

Low railway bridge at Vierverlaten

(operation when train timetable allows, report using the call button)

Leidingenbrug (fixed clearance height of 7.00m) Suikerbrug/ bridge Hoogkerk (Centre/Jan Altinkbrug)

Operation at fixed times on monday to saturday: 9.30 / 15.30 / 18.30 hours. On request, apply 24 hours in advance to control centre Groningen before 16.00 hours. Telephone: +31 (0)50 318 8500. Sundays and public Holidays no service.

Vierverlaten, Westerbrug and railway bridge

09.00 - 19.00

09.00 - 19.00

09.00 - 19.00

12.00 - 13.00
16.00 - 17.30

(remote operation, call via VHF9 or use the push button at each bridge)

28.3 From Hoogkerk to city centre Groningen, Hoendiep and Eendrachtkanaal

Some fixed bridge structures with a free clearance height of **210 cm at Canal Level (KP)**. Two movable bridges and a lock. Operation mo. to sa., apply 24 hours in advance, before 16.00 hrs. tel. +31 (0)50 3188 500 (Centrale post Groningen) Sundays and public holidays no service.

29 WOLDDIEPBRUG (ENTRY TO VAN STARKENBORGH-KANAAL)

Operated from Monday to Saturday on request and in consultation. Call during office hours 24 hours in advance, tel. +31 (0)50 316 4692 / +31 (0)50 316 4813

Bridge Sebaldeburen

Operated from Monday to Saturday between 09.00 and 16.00 on request and in consultation. Call during office hours 24 hours in advance, tel. +31 (0)50 316 4692 / +31 (0)50 316 4813. No operation during rush hours.



30 LAUWERS VIA FRIESE SLUIS* VIA MUNNIKE- ZIJLSTERRIET/ZIJLDIEP/OUDE VAART TO STROOBOS ON PRINSES MARGRIETKANAAL

07.00 - 19.00

07.00 - 19.00

09.00 - 19.00

* Friese Sluis is operated remotely from the control centre in Lauwersoog (VHF 85) or using the call button. (Report half an hour in advance.)


Final lockage begins half an hour before the end of the operating hours.

Bridge Pieterzijl (SELF-OPERATED)

07.00 - 21.00

07.00 - 21.00

09.00 - 21.00

 [issue point 25](#) from Stroobos / [issue point 26](#) from Zoutkamp

Lauwers Strong current possible at bridges after periods of heavy rainfall. Lowest fixed bridge **H 2.50m**

31 LAUWERSOOG ROBBENGATSLUIS (VHF 84)

07.00 - 19.00

07.00 - 19.00

08.00 - 20.00 *)

Final lockage begins half an hour before the end of the operating hours.

*) **Operation on Whit Sunday/Monday from 08.00 - 20.00 hours and on Ascension Day from 08.00-20.00 hours**

The bridge over the lock is not operated in the period 20 minutes before the departure of the ferry to Schiermonnikoog, owing to the connecting bus service. This may cause extra delays for vessels with a mast in particular. During the peak season, delays can run up to around 3 hours (especially at high tide at the weekends).

WATERWAYS IN THE PROVINCE OF DRENTHÉ

(operating times for bridges and locks)

Operation from 1 April - 1 November*

09.00 - 17.00*

09.00 - 17.00**

09.00 - 17.00***

12.00 - 13.00

* outside this operating period, incidental bridge operation by appointment only (on working days from Monday to Friday at least 3 x 24 hours in advance) call T +31 (0)592 365 775.

** From 1 May to 30 September

*** From 1 June to 31 August

*) For operating hours 'Het kanaal' see under 32

For operating hours Meppel see under 34.

In the province of Drenthé, the same operating hours for bridges and locks apply on almost all waterways. Many bridges in Drenthé are operated in combination by the same bridge keeper. The bridge keeper will therefore not always be present when you arrive. The bridge keeper already knows that you are arriving because the bridge keepers keep each other informed of approaching vessels. On some routes the bridges are operated by remote. You can request a bridge opening using the button at the bridge or lock or by using the indicated VHF radio channel. When entering the locks, you must take into account the end time of the operating hours.

32 ASSEN

The Veenlustbrug and the Witterbrug in **de Vaart**, the 6 bridges and the 2 locks in the new '**Blauwe As**' are operated in convoy. Due to the heavy traffic and the expected sailing time, the bridges and locks in the Blauwe As are no longer operated after 15.00 hours. In the **Havenkanaal**, the bicycle bridge Enkeepad (**BB H23**) and the Loonerbrug (**BB H24**) are still remotely operated (in combination) by the bridge keeper of the nearby Loonerbrug. The Enkeepad bicycle bridge can and may also be operated by the user. (push button at the bridge).

If you arrive from the Drentsche Hoofdvaart you must inform the bridge keeper on telephone number +31 (0)6 2279 8026.

*) The opening hours for 'Het Kanaal' have been adjusted:

- After 16.00 hours vessels arriving from the direction Groningen can no longer enter 'Het Kanaal' via Blauwe Klap.
- After 15.00 hours, vessels arriving from Meppel can no longer enter 'Het Kanaal' via Willem III.



33 DRENTSCHE HOOFDVAART

In the last weekend of June there may be delays in bridge operation due to road congestion caused by the TT motorcycle racing in Assen. The **railway bridge at Meppel** (in front of the lock Paradijssluis) is remotely operated and opened for recreational vessels train traffic permitting: tel. +31 (0)88 231 5006.

34 MEPELERDIEP

The Kaapbridges, Eshuisbridge and Galgenkampsbridge near Meppel are remotely operated by the Central Post Zwartsluis, which can be reached on **VHF 22** or T +31 (0)522 850 721.

Operating time: mo to sa 06.00-22.00 hrs. Sunday and 2nd day of easter and 2nd day of Pentecos 10.00-18.00 hrs.

35 HOOGEVEENSCH E VAART

The bridges and locks in the Hoogeveense Vaart and Industriehaven Hoogeveen are remotely operated from the Post Nieuwebrugsluis in Hoogeveen.

Shipping can use the button at bridges and locks or **VHF 18** and **VHF 84**, T +31 (0)528 265 560.

Staphorster Grote Stouwe:

The remotely operated bridge Staphorster Grote Stouwe (approximately one kilometre from Meppelerdiep) has a clearance height of H30. Many recreational vessels can therefore pass this bridge before 09.00 hours.

36 VERLENGDE HOOGEVEENSCH E VAART

The bridges and locks are operated locally (in combination) by bridge and lock keepers on the Noordscheschut - Nieuw-Amsterdam route.

After Nieuw-Amsterdam, the bridges (**VHF85**) and lock (**VHF20**) are remotely operated from Westerveenschebrug to Oosterveenschebrug.

Railway bridge Veenoord/New Amsterdam: Request operation on tel. +31(0)88 231 5006.

If train traffic permits, the railway bridge will also be opened between 12.00 - 13.00 hrs, by the bridge keeper of the bridge 160 m away.

37 VEENVAART

The route has 5 locks and 12 movable bridges. The lock Oranjesluis in Bladderswijk (see the sign there) is remotely controlled. Lock passage can be requested using the button at the lock or on **VHF 20**. The bridge operation period in Ter Apel is only in the boating season from May to September. Outside this boating season it is not possible to continue to Ter Apel or Haren-Rütenbrockkanaal.

38 STIELTJESKANAAL

Stieltjeskanaalsluis: T +31 (0)592 365 775, button or **VHF 84**

Maximum sailing speed in the canal is 9 km/hour.

39 COEVORDEN

- For the operation of the bicycle bridge 'Het Vonder', 'Jan Kuipersbrug' and Pampertbrug, contact the bridge keeper on tel. +31 (0)6 5314 8972.
- For the Bentheimerbrug call +31 (0)6 4634 0514
- For the railway bridge (**BB**), call T +31 (0)88 231 5006. This railway bridge is usually open.
- The bridge keeper of Monierbrug can be reached on T +31 (0)524 516 893.

Alternatively, call T +31 (0)524 513 823 (for all bridges in Coevorden).

DIVERSIONS

It is sometimes necessary to divert a waterway during boating season. Current information about diversions is given at www.vaarweginformatie.nl or at NOS Teletext, page 721.

CONTACT

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