

ANNOUNCEMENT TO SHIPPING IJmond North Sea Canal Area Central Nautical Management

Announcement No. 07/2021

IJmuiden, 22 February 2021

Subject: Maximum dimensions of ships passing through the IJmuiden Middle Lock

The Director of the Central Nautical Management North Sea Canal Area, who is also the (State) Harbour Master, announces the following:

Having regard to:

- Articles 2, 6 and 8 of the Shipping Traffic Act;
- Articles 1.01, paragraph 1, and Appendix 11, of the Inland Navigation Police Regulations (BPR);
- The Mandate Decree of 11 April 2013, Government Gazette No. 9184, of the Director-General for Public Works and Water Management (Rijkswaterstaat) and the Minister of Infrastructure and the Environment, mandating the Director of the Public Body Central Nautical Management North Sea Canal Area to perform the nautical responsibility of central government in the North Sea Canal Area (Besluit mandaat nautische rijkstaken Noordzeekanaalgebied - Central Government Nautical Responsibility North Sea Canal Area Mandate Decree).

In addition to previous information on the maximum dimensions of ships permitted to pass through the IJmuiden Middle Lock, the rules for maximum dimensions of seagoing ships have also been eased. Below is a complete overview of the maximum dimensions of ships permitted to pass through the IJmuiden Middle lock.

Type of ship	Length (m)	Breadth (m)	Draught (m)	Additional manoeuvring aids	Additional conditions
Inland ships	Less than 125	Less than 12	4 or less	n/a	n/a
Inland ships	125 to 136	12 to 23	5 or less	Bow thruster	n/a
Inland ships	136 up to 195	23 or less	5 or less	Bow thruster or bow rudders	Wind rose
Seagoing ships	Less than 100	Less than 15	8 or less	n/a	n/a
Seagoing ships	100 to 136	15 to 19.8	8 or less	Bow thruster	Wind rose and tug use at the IJmuiden lock complex
Seagoing ships	136 up to 145	19.8 up to 22.5	8 or less	Bow thruster	Wind rose and tug use at the IJmuiden lock complex, Table 2 and congestion IJmuiden North Lock or Zeesluis IJmuiden (new lock)

Table 1

- The IJmuiden Middle Lock lies in a compass direction of 089°-269°;
- Ships with the dimensions stated above are permitted to pass through the Middle Lock provided that the combination of wind direction and wind force falls within the green sectors of the wind rose given below (maximum crosswind component Beaufort 5 or 10 m/s);
For crosswind determination, wind measurement from the anemometer on the control building of the Middle Lock will be decisive;

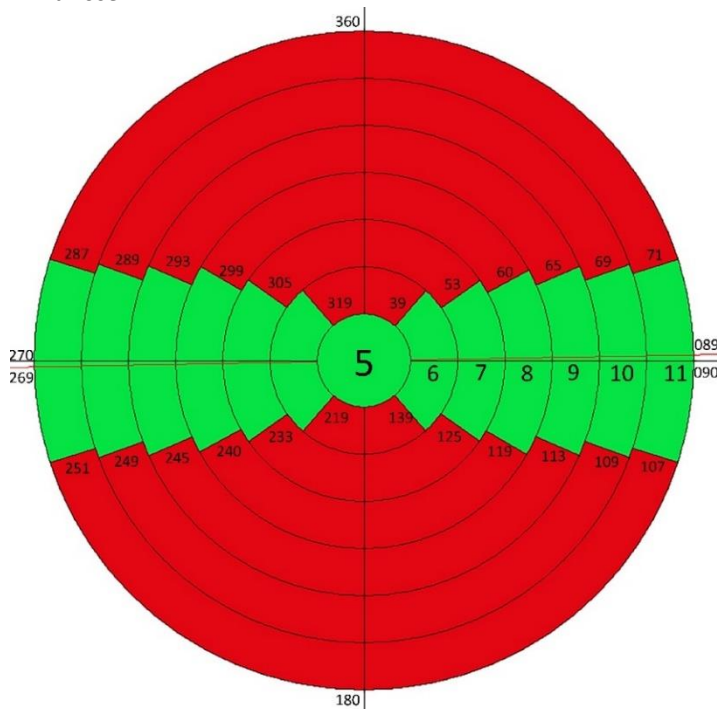
- Ships with the dimensions stated above for which the additional condition ‘tug use at the IJmuiden lock complex’ applies, are subject to the current Port of Amsterdam Announcement No. 32/2017;
- In principle, sea ships in the length category 136m up to 145m will be scheduled to pass through the IJmuiden North Lock or Zeesluis IJmuiden; however, in case of congestion of these locks, they may, in consultation between the ship and the Lock Scheduling Department, pass through the Middle Lock under the additional conditions and the conditions mentioned in Table 2.

Ship's breadth (m)	Minimum water level at the lock heads (m)
22.5	NAP - 0.40
22	NAP - 0.60
21.5	NAP - 0.80
21	NAP - 0.90
20.5 or less	NAP - 1.00

Table 2

- Congestion of the IJmuiden North Lock or the Zeesluis IJmuiden is understood to mean that these locks are closed or not available for lock passages of seagoing ships within a period of 120 minutes;
- In order to keep the *blockage factor*¹ of the Middle Lock at an acceptable value, the category of seagoing ships with draughts of between 7m and 8m must enter and leave the lock at a speed of not more than approximately 2 knots (3.7 km/h);
- When passing the lock heads of the IJmuiden Middle Lock, all seagoing ships must at all times have an UKC or under keel clearance (the distance between the ship's keel and the lock sill) of at least 0.80m.

Wind rose



When this Announcement enters into force, Announcement 61/2020 will be cancelled. The provisions mentioned in Announcement 31/2016 will also be cancelled.

Should you have any questions about this Announcement, please contact the Duty Operations Manager at the following telephone number: +31 205 234 692.

The Director of the Central Nautical Management North Sea Canal Area, who is also the (State) Harbour Master,

J.H.M. Mateyo

¹ Blockage factor is the ratio between the cross-sectional area of a ship and the cross-sectional area of the lock between the lock heads *100%.