



We create chemistry

PG8 project: ENM Quays and Jetties

Quay wall renovation project 2023

ADDENDUM TO MINIMUM REQUIREMENTS

Nitric, Phosphoric, Sulphuric acid & Sulphur

ADDENDUM TO MINIMUM REQUIREMENTS *Version 3 – dd 20/02/2023*

Nitric, Phosphoric, Sulphuric acid & Liquid Sulphur

Explanatory notes:

During quay wall renewal Quay 715 - 717 at BASF Antwerp terminal some loading arm(s) will not always be accessible for mid ship manifold connection.

Depending on the working program there will be additional restrictions for barges. Below restrictions are in addition to the existing minimum requirements.

<https://basf.sharepoint.com/sites/minreg/Productdocumenten/Forms/AllItems.aspx>

Seagoing vessels are not allowed mooring during the entire period when works are in progress.

In case of doubt whether barge is suitable please contact basant-ships.planning@basf.com

Loading arms at Quay 715 - 717

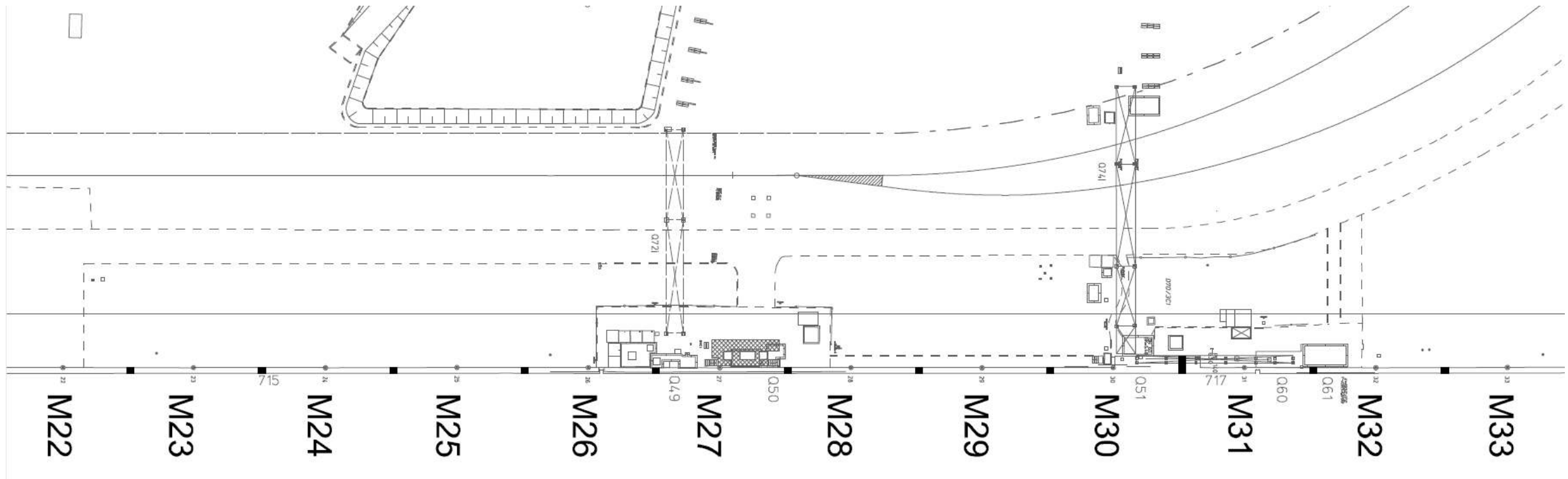
- | | |
|--|-----------------|
| • Q49: Salpeterzuur / Nitric Acid | QUAY 715 |
| • Q50: Fosforzuur / Phosphoric Acid | QUAY 715 |
| • Q51: Zwavel / Liquid Sulphur | QUAY 717 |
| • Q61: Zwavelzuur / Sulphuric Acid | QUAY 717 |

See detailed pictures next slide for exact location



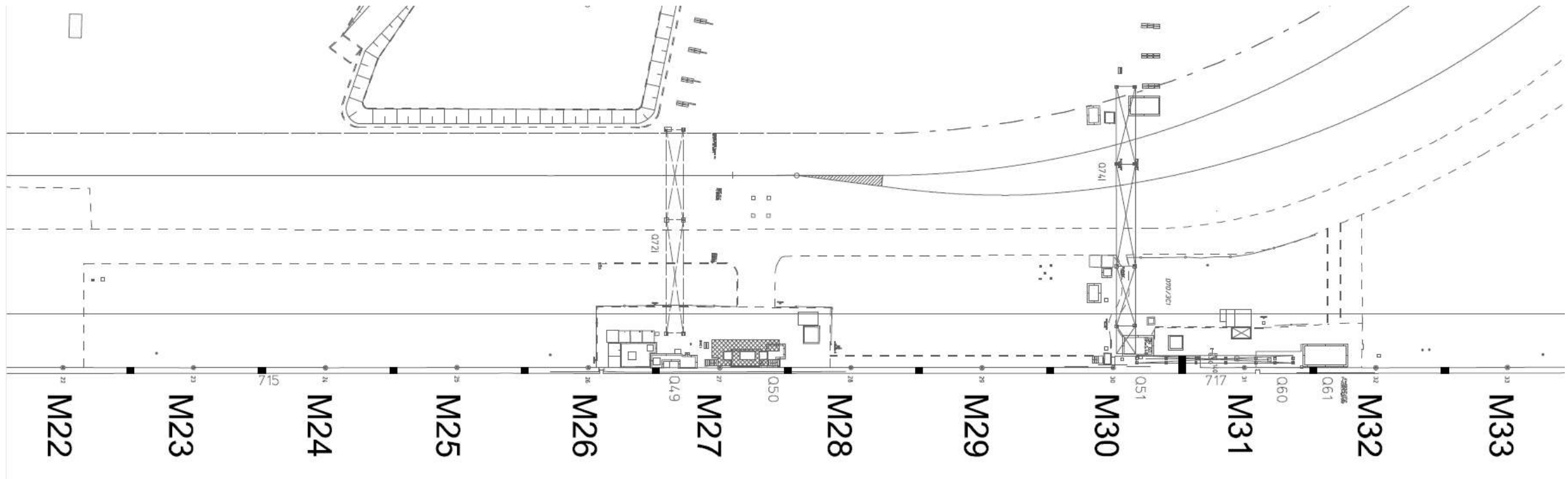
detailed plan of working zone M22 – M33

- **Q49:** Salpeterzuur / Nitric Acid
- **Q50:** Fosforzuur / Phosphoric Acid
- **Q51:** Zwavel / Liquid Sulphur
- **Q61:** Zwavelzuur / Sulphuric Acid



detailed plan of working zone M22 – M33

- **Q49:** Salpeterzuur / Nitric Acid
- **Q50:** Fosforzuur / Phosphoric Acid
- **Q51:** Zwavel / Liquid Sulphur
- **Q61:** Zwavelzuur / Sulphuric Acid



PG8 ENM Quays and Jetties

M22+M23+M24: 20/03/2023 tem 30/04/2023

(6 weeks : 42 days work from 7u-19u)

Q49:

manifold position on starboard foreship and distance from manifold connection to foreship to be max 30meters

OR

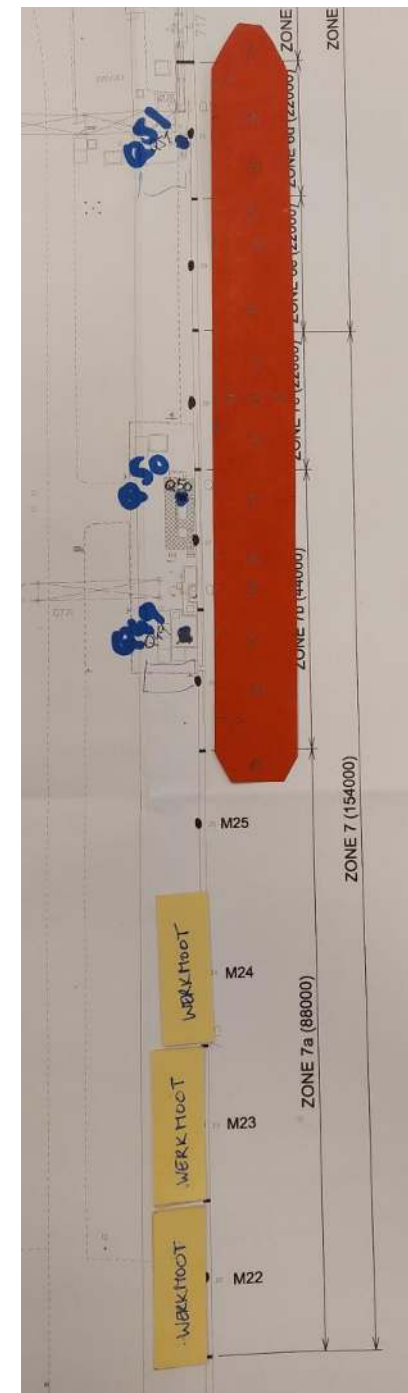
manifold position on portside aftship and distance from manifold connection to aftship to be max 30meters

Q50: available and no restrictions

Q51: available and no restrictions

Q61: available and no restrictions

No ships simultaneously on berth Q49/50 and Q51/Q61



PG8 ENM Quays and Jetties

M25: 01/05/2023 tem 14/05/2023

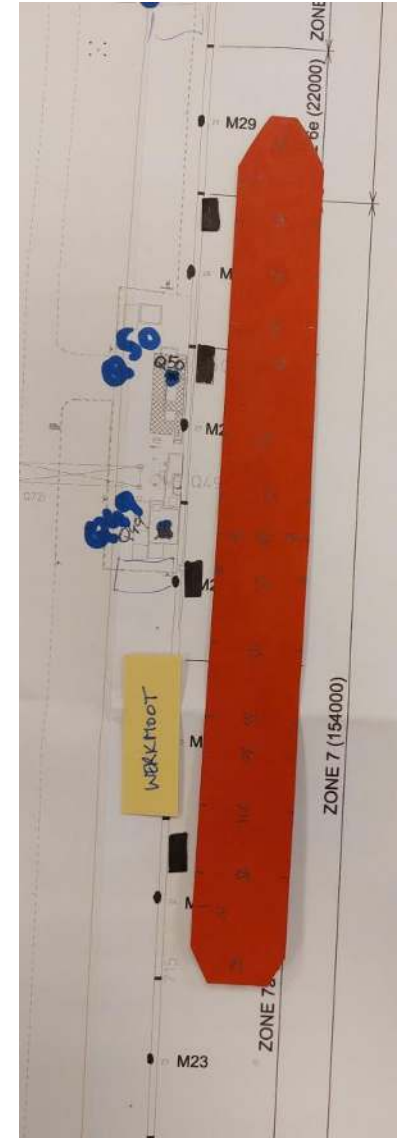
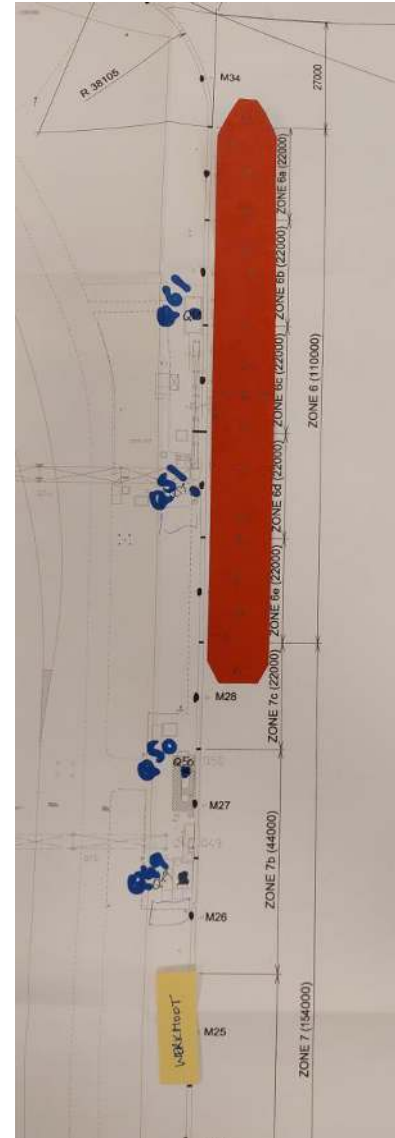
(2 weeks: 14 days work from 7u-19u)

Q49: loading arm only available from Friday 19h00 until Monday 05h00

Q50: loading arm not available

Q51: available and no restrictions

Q61: available and no restrictions



PG8 ENM Quays and Jetties

M27 + M28: 31/07/2023 tem 27/08/2023

(4 weeks: 28 days work from 7u-19u)

Q49: loading arm only available from Friday 19h00 until Monday 05h00 if
manifold position on portside aftship and distance from manifold connection to
aftship to be max 20 meters
OR
manifold position on starboard foreship and distance from manifold connection to
foreship to be max 20meters

+ Minimum LOA is more than 86 meters (see picture)

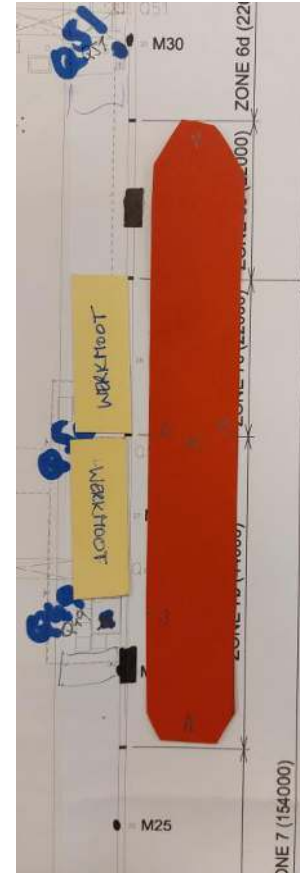
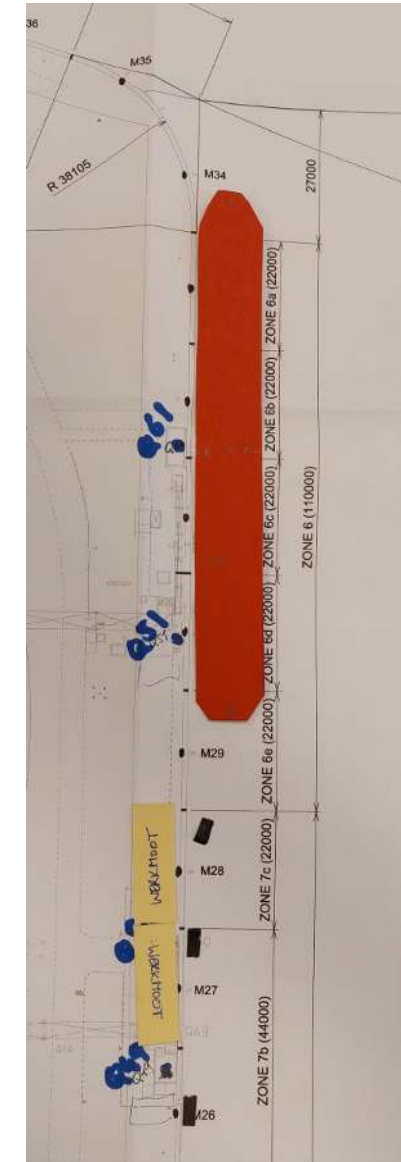
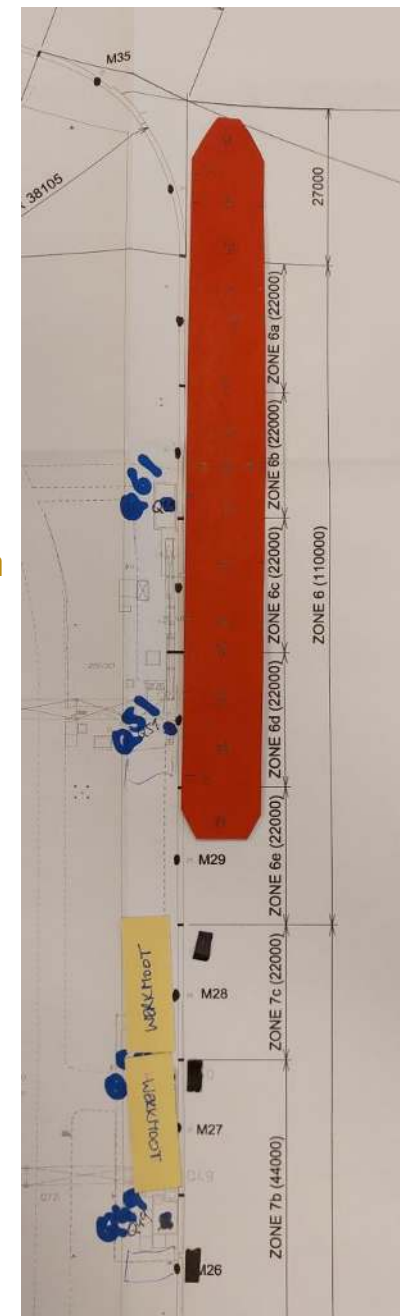
Q50: loading arm not available

Q51: manifold position on portside aftship and distance from manifold connection to
aftship to be max 23 meters OR

manifold position on starboard foreship and distance from manifold connection to
foreship to be max 23meters

As per our info manifold position for Calamus & Alisma should be OK. Mooring
configuration aligned with vetting

Q61: MAX LOA = 100m



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M32: 15/05/2023 tem 22/05/2023

(8 days 24u-shifts – from Monday 6h until next Monday 22h)

Q49: available and no restrictions

Q50: available and no restrictions

Q51:

manifold position on starboard aftship and distance from manifold connection to aftship to be max 24 meters

OR

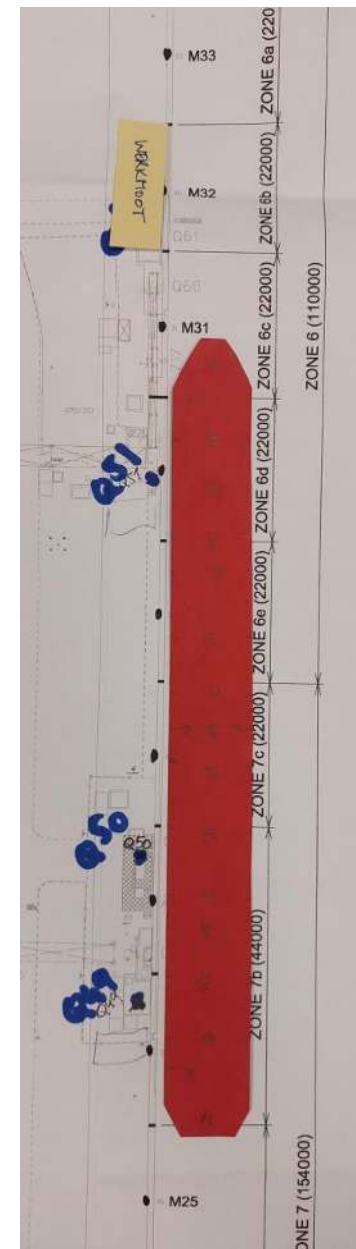
manifold position on portside foreship and distance from manifold connection to foreship to be max 24meters

As per our info manifold position for Calamus, Alisma & Flava should be OK.

Mooring configuration aligned with vetting.

Q61: loading arm not available

No ships simultaneously on berth Q49/50 and Q51/Q61



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22/05/2023 tem 04/06/2023

No works planned – all loading arms available and no restrictions

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M31: 05/06/2023 tem 12/06/2023

(8 days 24u-shifts – from Monday 6h until next Monday 22h)

Q49: available and no restrictions

Q50:

manifold position on starboard aftship and distance from manifold connection to aftship to be max 55 meters

OR

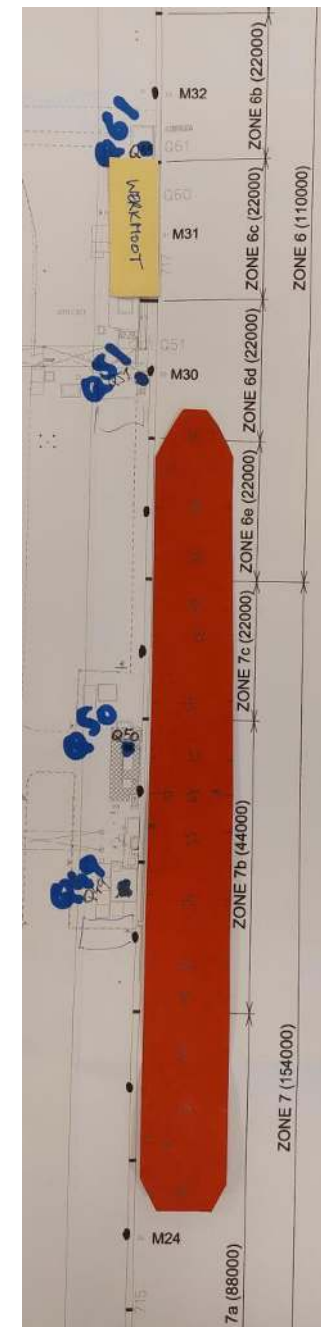
manifold position on portside foreship and distance from manifold connection to foreship to be max 55meters

OR

mid ship manifold position and distance from mid ship manifold connection to fore or aftship to be max 55meters

Q51: loading arm not available

Q61: loading arm not available



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M30: 19/06/2023 tem 26/06/2023

(8 days 24u-shifts – from Monday 6h until next Monday 22h)

Q49: MAX LOA = 110m

manifold position on starboard aftship and distance from manifold connection to aftship to be max 60 meters

OR

manifold position on portside foreship and distance from manifold connection to foreship to be max 60 meters

OR

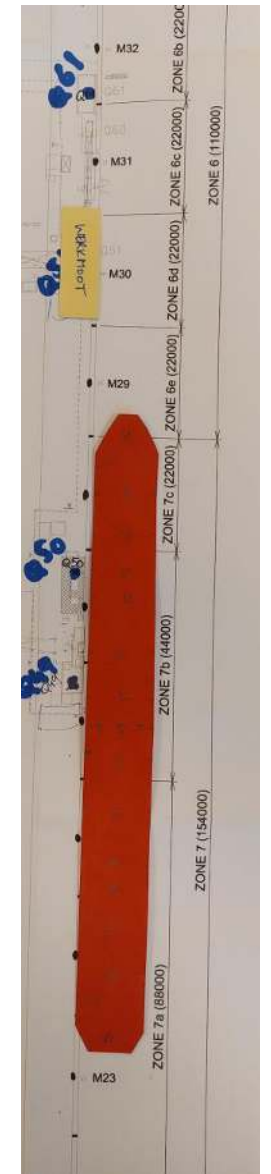
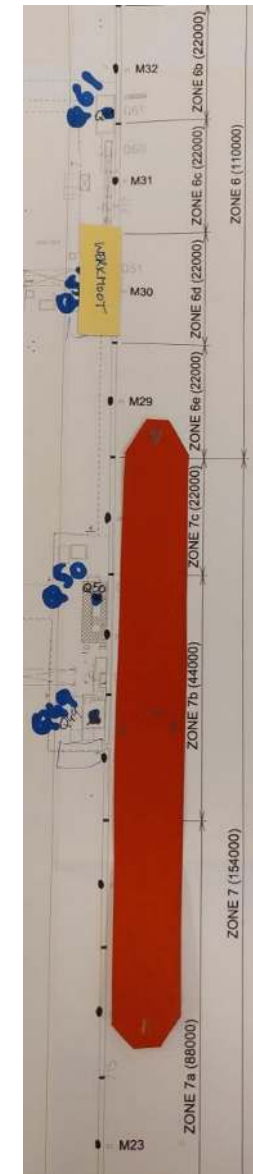
manifold position mid ship and distance from mid ship manifold connection to fore or aftship to be max 60 meters

Q50:

a manifold connection on starboard aftship and distance from manifold connection to aftship to be max 35 meters OR a manifold connection on portside foreship and distance from manifold connection to foreship to be max 35 meters

Q51: loading arm not available

Q61: loading arm not available



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M29: 03/07/2023 tem 10/07/2023

(8 days 24u-shifts – from Monday 6h until next Monday 22h)

Q49:

manifold position on starboard aftship and distance from manifold connection to aftship to be max 35 meters

OR

manifold position on portside foreship and distance from manifold connection to foreship to be max 35 meters

Q50:

manifold position on starboard aftship and distance from manifold connection to aftship to be max 10 meters OR manifold position on portside foreship and distance from manifold connection to foreship to be max 10 meters

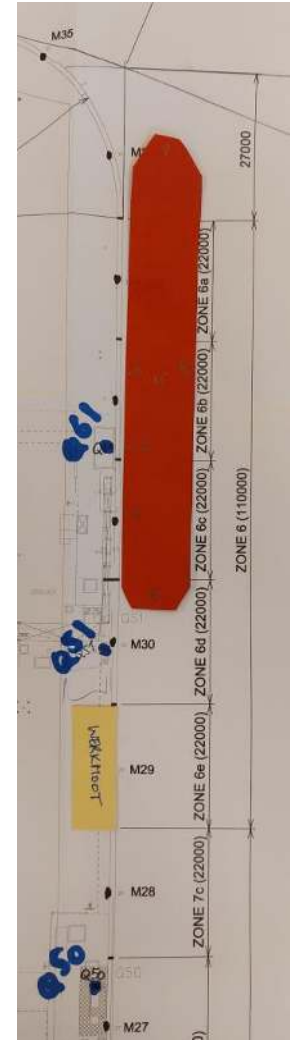
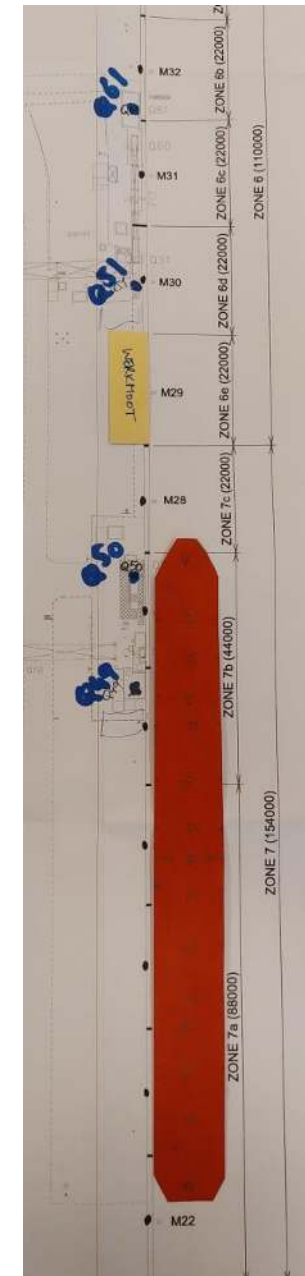
Q51: loading arm not available

Q61: MAX LOA = 86m

manifold position on portside aftship and distance from manifold connection to aftship to be max 35 meters

OR

Manifold position on starboard foreship and distance from manifold connection to foreship to be max 35 meters



PG8 ENM Quays and Jetties

M33: xx/09/2023 tem xx/09/2023 (te herplannen: voorstel sept 2023)

(2 weken: 14 dagen dagshift van 7u-19u werken)

Q49:

Beschikbaar geen restricties

Q50:

Beschikbaar geen restricties

Q51:

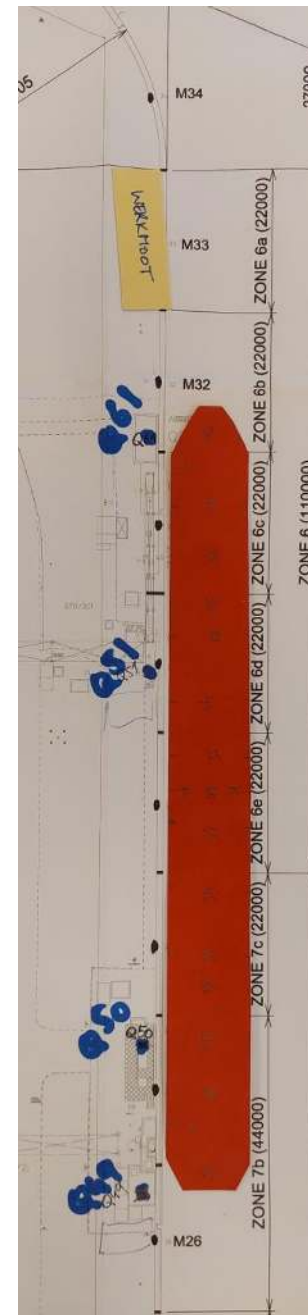
Beschikbaar met restricties: **geen** met manifold op
achterschip stuurboord OF **geen** met manifold op
middenaansluiting op **geen** 45m

Q61:

Niet beschikbaar

Geen schepen gelijktijdig aan Q49/Q50 en Q51/Q61

To be planned



PG8 ENM Quays and Jetties

M26: xx/10/2023 tem xx/10/2023 (te herplannen: voorstel okt/nov 2023)

(2 weken: 14 dagen dagshift van 7u-19u werken met weekendverlading van vrijdag
maandag 5h)

Q49:

Niet beschikbaar

Q50:

Niet beschikbaar

Q51:

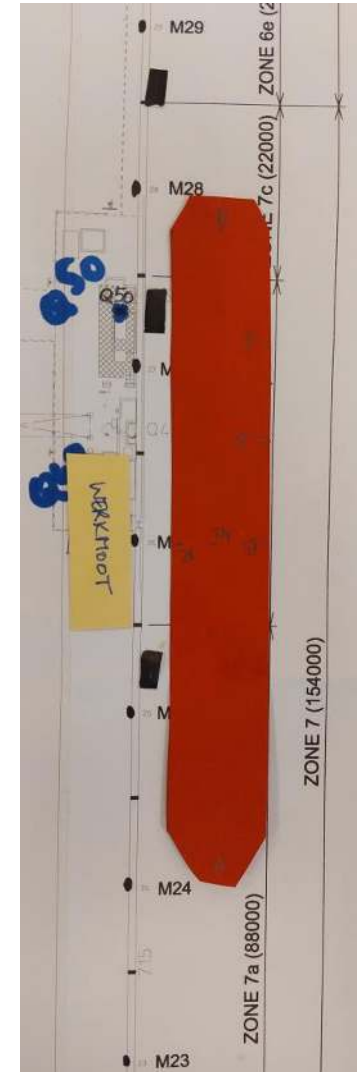
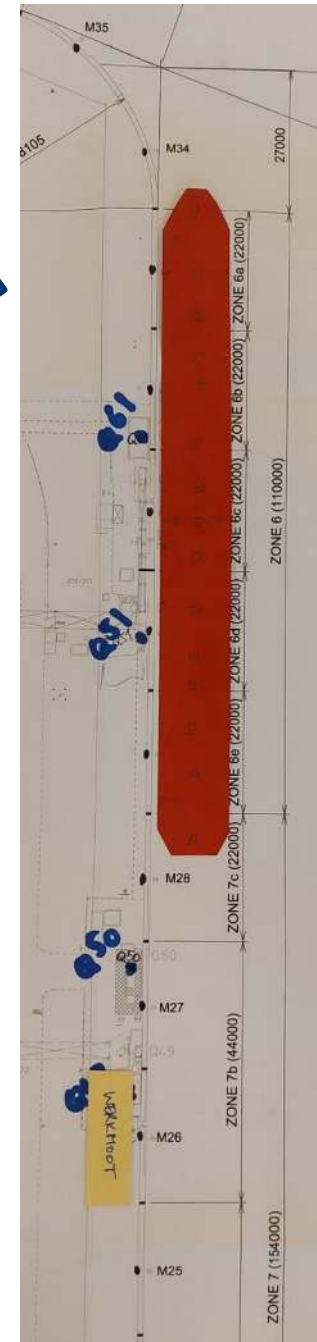
Beschikbaar met restrictie: open met manifold op
achterschip stuurboord of achterschip bakboord OF
middenaansluiting van 45m

Q61:

Niet beschikbaar

Restricties bij weekendverlading: Q49 – geen restricties

To be planned





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