

BESKRIVELSE AF OUTPUT

FÆRGESEKRETARIATET

M989-001-001-100 BESKRIVELSE AF OUTPUT

Revision A
2022-06-30

Document properties

| Project | Beskrivelse af output |
|----------------|--------------------------|
| Project no. | M989 |
| Document no. | 001-001-100 |
| Document title | Beskrivelse af output |
| Rev. | A |
| Author | Frederik S Sommer (FRSS) |
| Client | Færgesekretariatet |

Contact info

Name: Frederik S Sommer

E-mail: frss@odensemvertime.com

Tel: +45 21 89 87 62

Disclaimer

Odense Maritime Technology Proprietary Information:

The documents and information stated in the document is developed in collaboration with Jens Kristensen. The documents and information stated in the document is property of and remain property of OMT Naval Aps.

The Information contained in this document is for information only and OMT Naval Aps and Jens Kristensen reserve the rights to make additions, deletions, or modifications to the contents of the documents at any time without prior notice.

The Information contained is commercially confidential and shall be kept in confidence by Færgesekretariatet and its advisors, consultants and municipality members.

Document revision history

| OMT revision | | | | |
|--------------|------------|-----------------|-------------------|------------------------|
| Rev. | Date | Comments | Author (Initials) | Approved by (Initials) |
| - | 2022-06-30 | | | |
| A | 2022-06-30 | Første revision | FRSS | THEE |
| B | | | | |
| C | | | | |
| | | | | |

Table of contents

| | | |
|-----|---|----|
| 1 | Purpose | 4 |
| 1.1 | Background | 4 |
| 2 | Eksempler på standardfærgekfigurationer | 5 |
| 2.1 | D28-10 Åben type | 6 |
| 2.2 | D36-10 Lukket type eksempel 1 | 9 |
| 2.3 | D36-10 Lukket type eksempel 2 | 12 |
| 2.4 | D40-12 Lukket type | 15 |
| 2.5 | D40-12 Åben type | 18 |
| 2.6 | D80-17 Lukket type | 21 |

1 Purpose

Denne rapport har til formål at præsentere eksempler på konfiguration af det udviklede standardfærge koncept. Nærværende rapport søger således at eksemplificere filosofien bag de tilbudte platforme samt præsentere moduler og sammensætningsmuligheder.

1.1 Background

Færgesekretariatet har på vegne af dets 18 medlemskommuner gennemført et udbud vedr. et innovationspartnerskab for udvikling af et standardfærgekoncept, som i maj 2021 førte til indgåelsen af aftale om et innovationspartnerskab mellem Færgesekretariatet og konsortieparterne Odense Maritime Technology A/S ("OMT") og PensionDanmark Pensionsforsikringsaktieselskab ("PD").

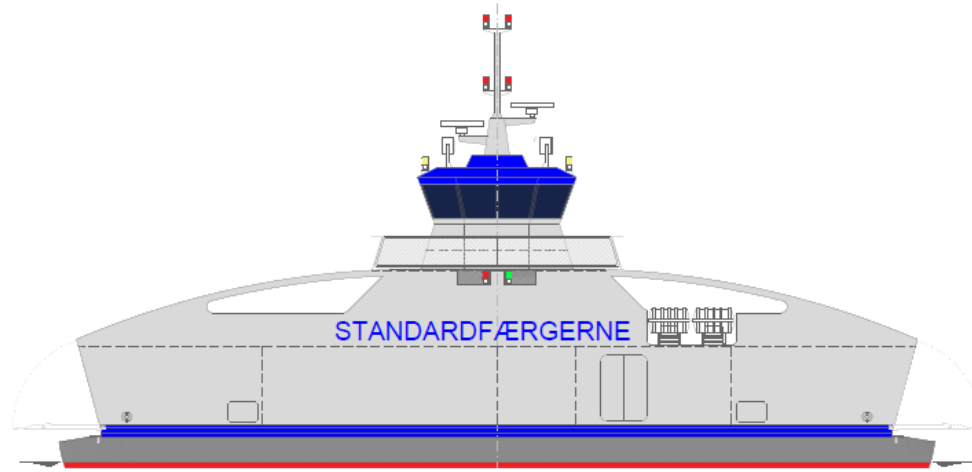
Konsortiet skal udvikle og tilbyde en standardfærgeplatform for medlemskommunerne, som tilsammen råder over ca. 32 færger, der primært sejler til de danske øer. Som dokumentation for arbejdet med udviklingen af dette koncept, udarbejdes denne rapport.

2 Eksempler på standardfærgekfigurationer

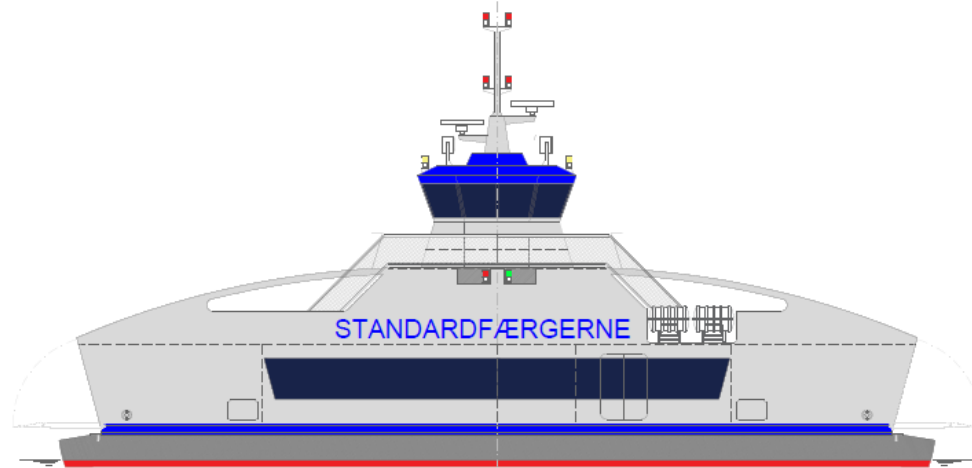
I det følgende præsenteres eksempler på konfigurationer af standardfærge platformen.

D-28-10-åben type

| | |
|--------------------------|---------|
| LÆNGDE OVERALT [M] | 28.0 |
| BREDDE FENDERE [M] | 10.6 |
| DYBDE MOULDED [M] | 3.40 |
| MAKSIMAL DYBGANG [M] | 2.20 |
| BRUTTO TONNAGE [GT] | 270 |
| PERSONBILER ANTAL | 9 |
| PERSONBILBANER [M] | 43 |
| TRAILERBANE [M] | 18 |
| PASSAGERER VINTER/SOMMER | 48 / 98 |
| BESÆTNING VINTER/SOMMER | 2 / 2 |



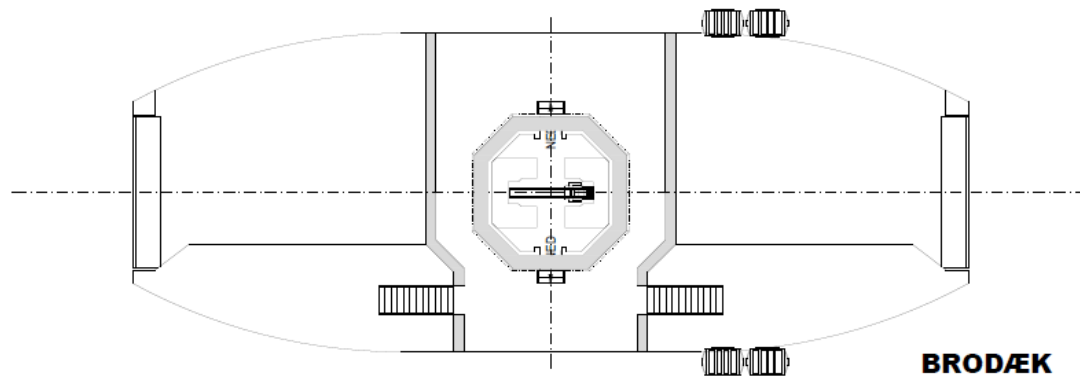
PROFIL (MODSAT SALON)



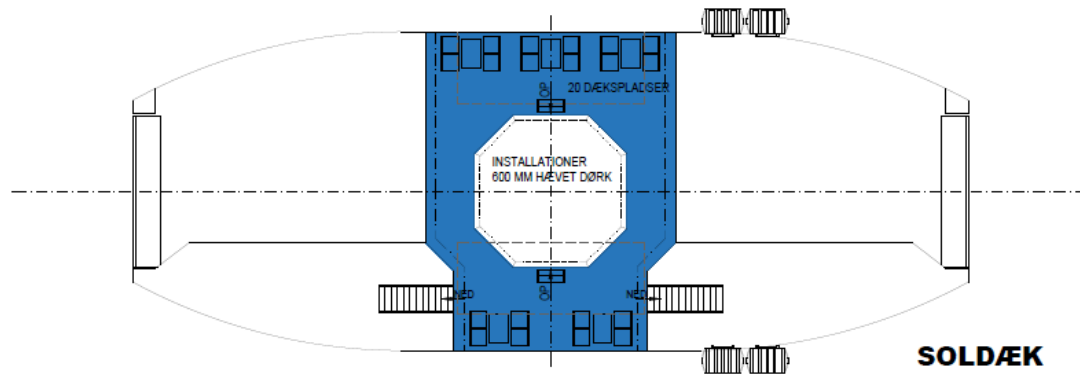
PROFIL (SALONSIDE)

BILAG 1 - side 1/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|---|---|---|--------------------|---------------------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| OMT | Project: STANDARDFÆRGER GA-TYPE-D-28-10-ÅBEN | Project no.: M309 Date: 11 Date: 2022-05-18 | Sign: - Date: - | Draw: AS Date: - |
| LORSEN MARINE TEKNOLOGI A/S Rindøvej 10, 2600 Lyngby | | Draw No.: 101-001-01 | Sheet: 1/3 | Rev: - |



BRODÆK



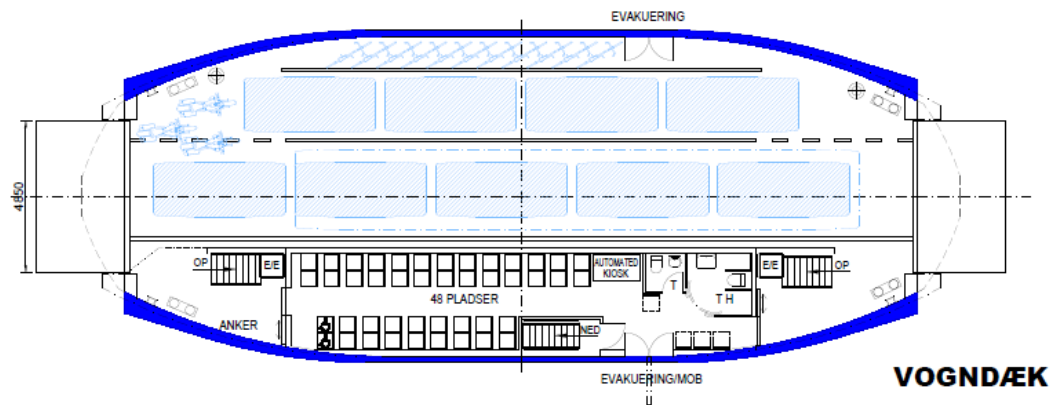
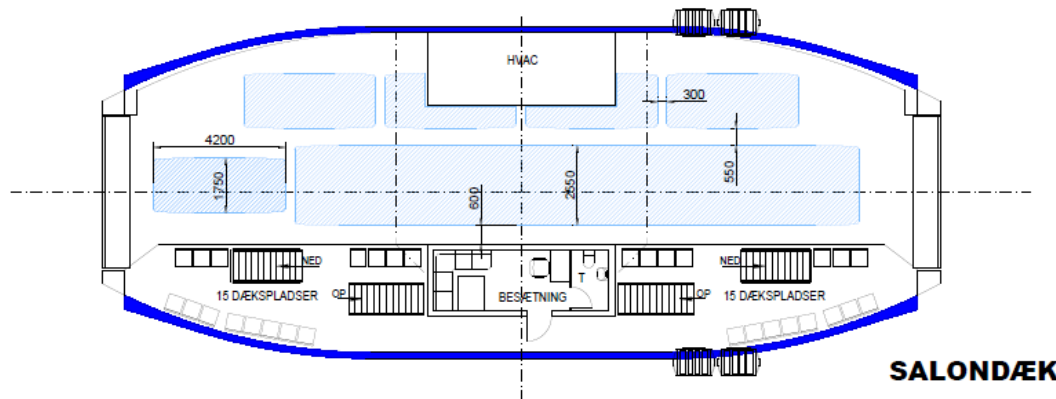
SOLDÆK

BILAG 1 - side 2/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|-----------------------------|-------------|-----------------------------|------|----------|
| - | - | - | - | - |
| - | - | - | - | - |
| Project: STANDARDFÆRGER | | Project no.: M595 | | |
| GA-TYPE-D-28-10-ÅBEN | | Draw: 11 Rev: A3 | | |
| Dwg: EJM Date: 2022-05-18 | | Dwg: EJM Date: 2022-05-18 | | |
| Sign: - Date: - | | Sign: - Date: - | | |
| Dwg. No.: 101-001-01 | | Dwg. No.: 101-001-01 | | |
| Sheet: 23 | | Rev: - | | |

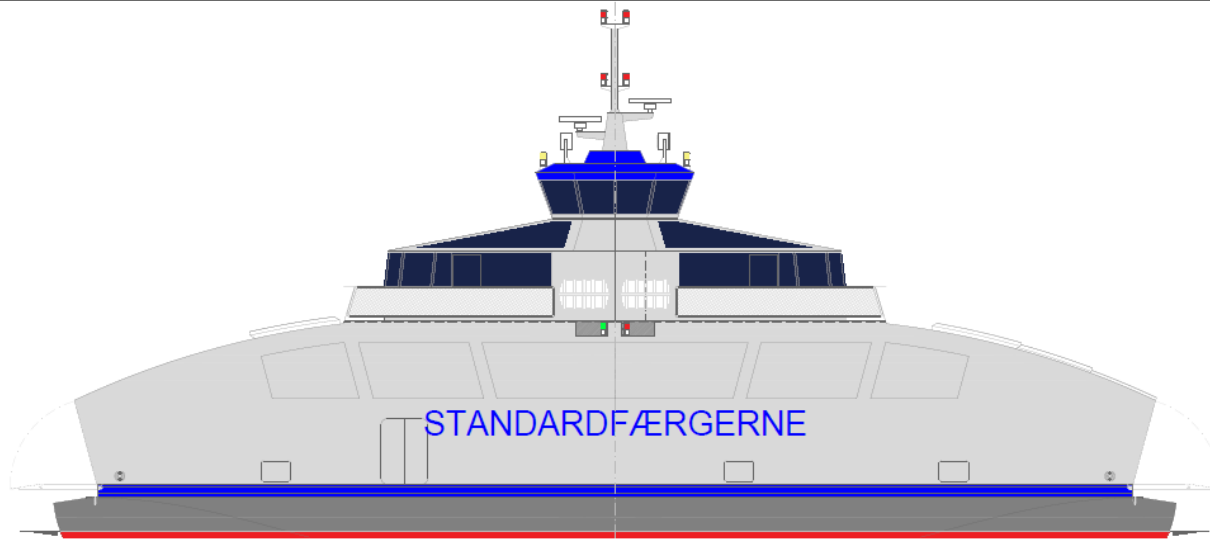
OMT

OMT - OMT - OMT

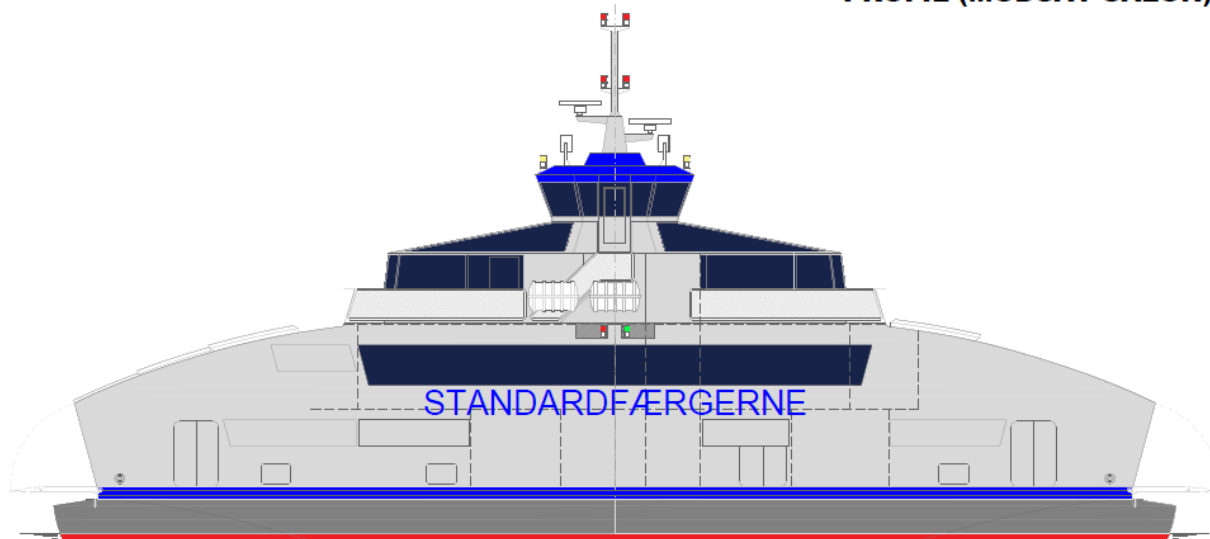


BILAG 1 - side 3/3

| REVISION | DESCRIPTION | DATE | SGN | APPROVED |
|--|---|--|---|--|
| OMT | Project: STANDARDFÆRGER GA-TYPE-D-26-10-ÅBEN | Drawn: [] Date: 2022-05-18 | Project no.: M303 Date: [] | Drawn: [] Date: [] |
| <small> OMT OMT A/S OMTvej 1 2600 Lyngby </small> | | <small> Drawn: [] Date: [] </small> | <small> Project no.: M303 Date: [] </small> | <small> Drawn: [] Date: [] </small> |



PROFIL (MODSAT SALON)



PROFIL (SALONSIDE)

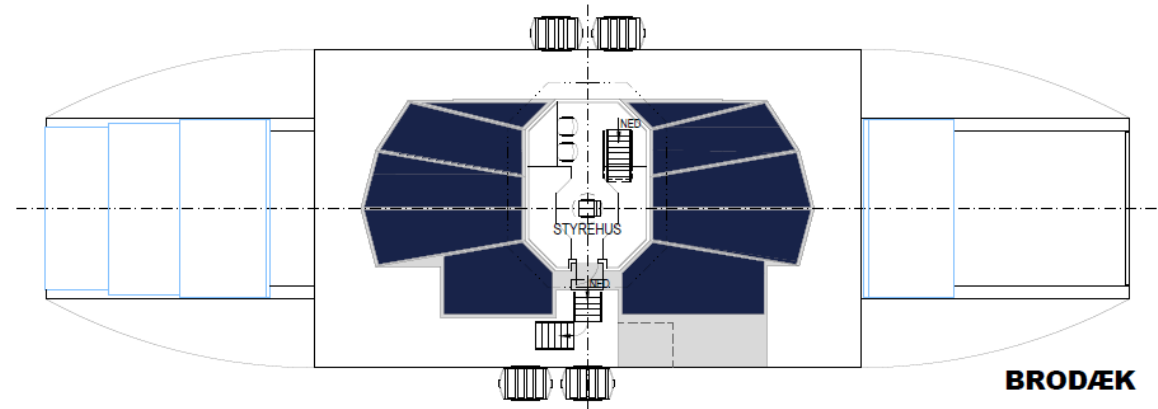
D-36-10-lukket type

CENTERBRO

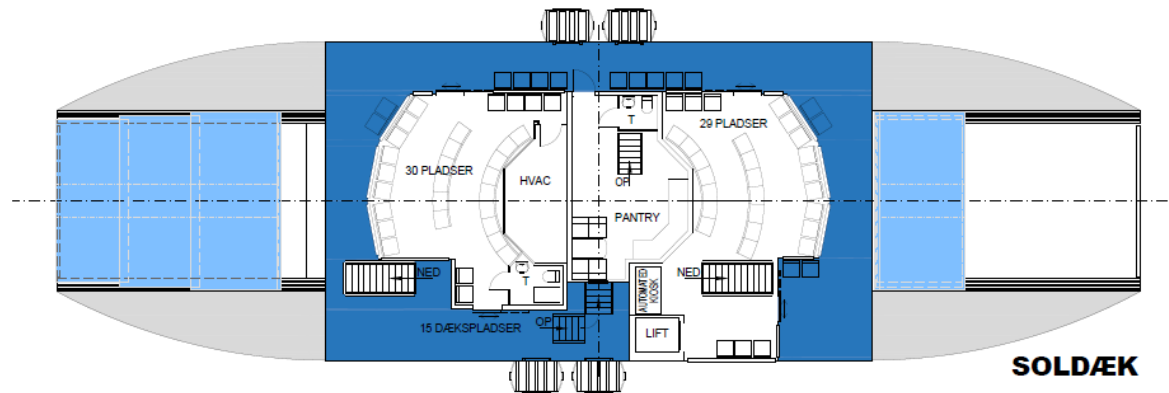
| | |
|--------------------------|---------|
| LÆNGDE OVERALT [M] | 36.0 |
| BREDDE FENDERE [M] | 10.6 |
| DYBDE MOULDED [M] | 3.80 |
| MAKSIMAL DYBGANG [M] | 2.30 |
| BRUTTO TONNAGE [GT] | 499/710 |
| PERSONBILER ANTAL | 19 |
| PERSONBILBANER [M] | 86 |
| TRAILERBANER [M] | 18 |
| PASSAGERER VINTER/SOMMER | 91 / 98 |
| BESÆTNING VINTER/SOMMER | 2 / 2 |

BILAG 2 - side 1/3

| REVISION | DESCRIPTION | DATE | SIGN. | APPROVED |
|--------------------------------|-------------|-----------------------|------------------|----------|
| - | - | - | - | - |
| - | - | - | - | - |
| Project: STANDARDFÆRGER | | Project no.: 1/197 | | |
| GA-TYPE-D-36-10-LUKKET | | Scale: 1:1 | Size: A3 | |
| OWT | CENTERBRO | Draw. ELM | Date: 2020-03-18 | |
| | | Sign.: | Date: | |
| Gjensidig Marine Technology AS | | Draw. No.: 101-201-02 | | |
| Sheet: 10 | | Rev.: | | |



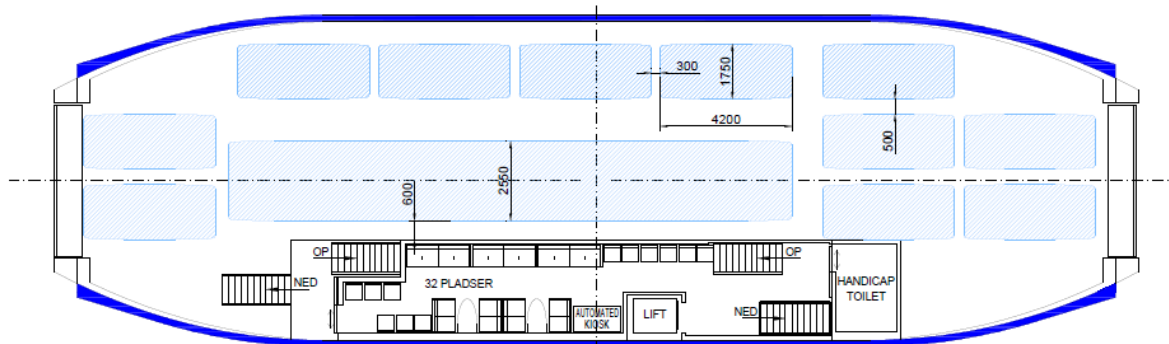
BRODÆK



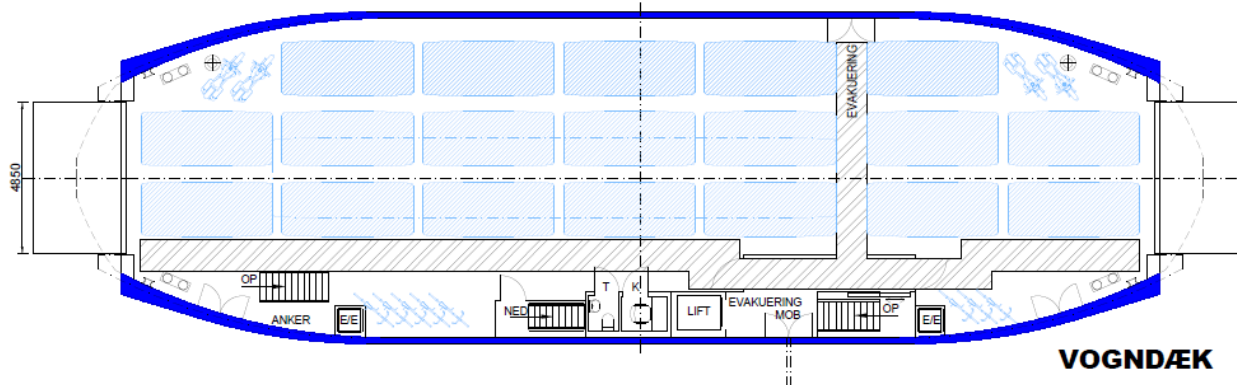
SOLDÆK

BILAG 2 - side 2/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|----------|--|--|------------|----------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| OMT | Project: STANDARDFERGER GA-TYPE-D-36-10-LUKKET CENTERBRO | Project no.: 1001-02 Scale: 1:1 Dwg: 6LM Date: 2022-03-18 Sgn: - Date: - Dig No.: 101-001-02 | Sheet: 2/3 | Rev: - |



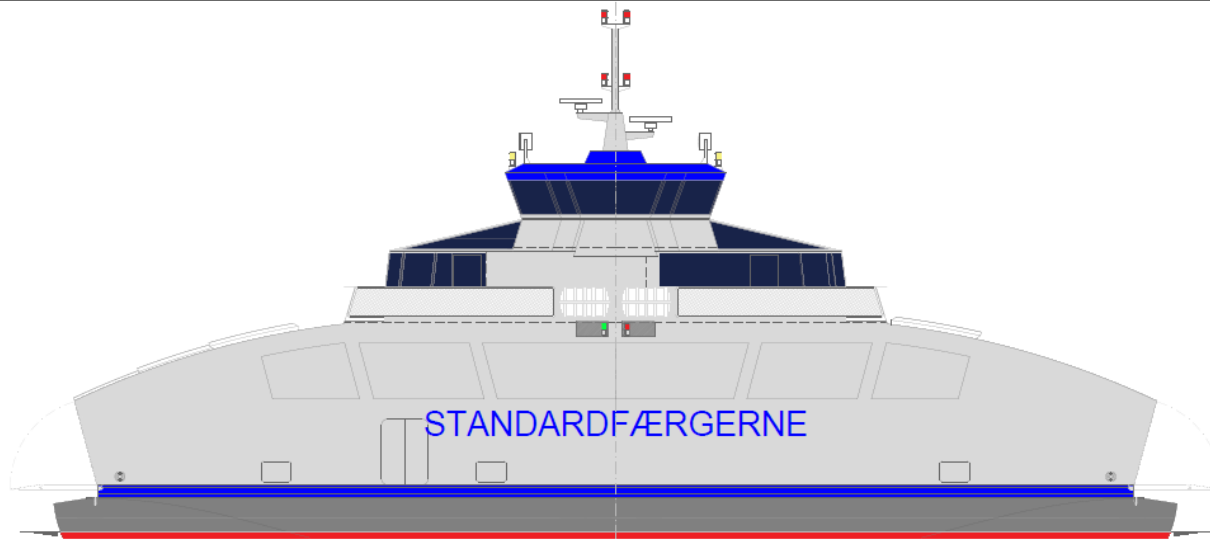
SALONDÆK



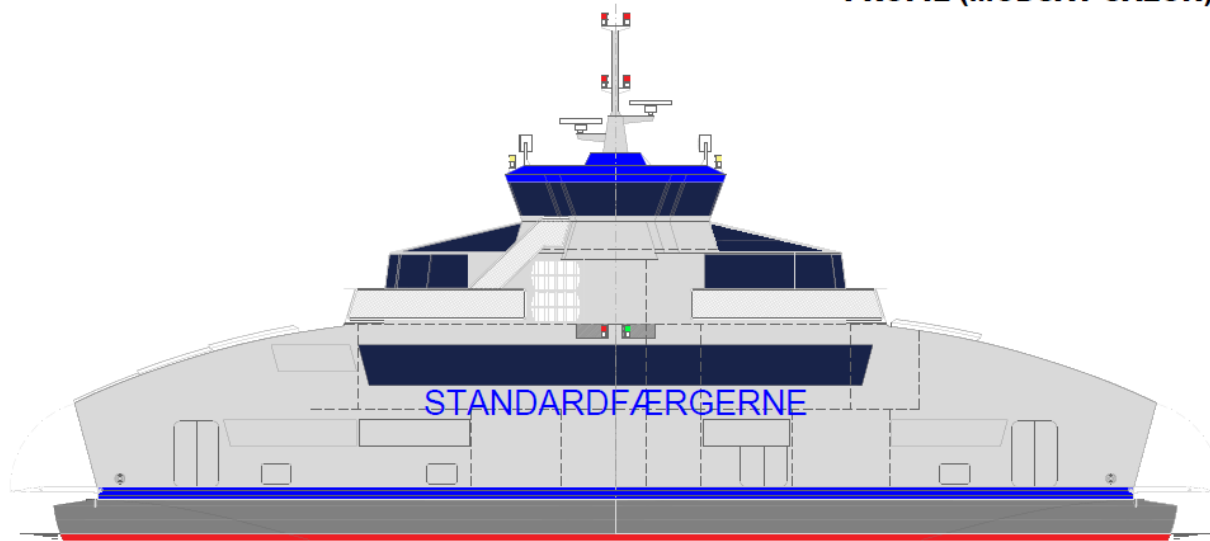
VOGNDÆK

BILAG 2 - side 3/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|-----------------------------------|-------------|-------------------|------|----------|
| - | - | - | - | - |
| - | - | - | - | - |
| Project: STANDARDFERGER | | Project no.: M595 | | |
| GA-TYPE-D-36-10-LUKKET CENTERBRO | | Scale: 1:100 | | |
| DM: SLM | | Date: 2022-05-18 | | |
| Sign: - | | Title: - | | |
| Dig. No. 101-001-02 | | Sheet 3/3 | | |
| Göteborgs Marin- och Yachtbyrå AB | | Rev: - | | |



PROFIL (MODSAT SALON)



PROFIL (SALONSIDE)

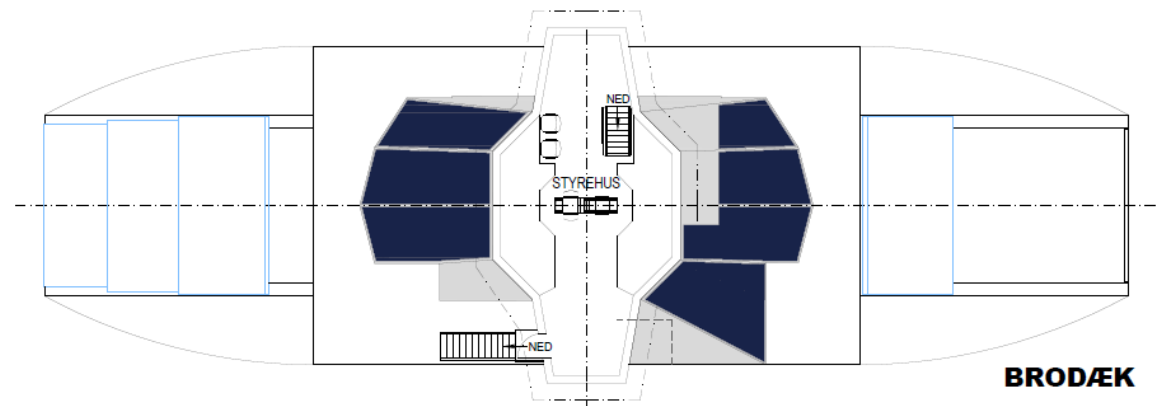
D-36-10-lukket type

BRED BRO

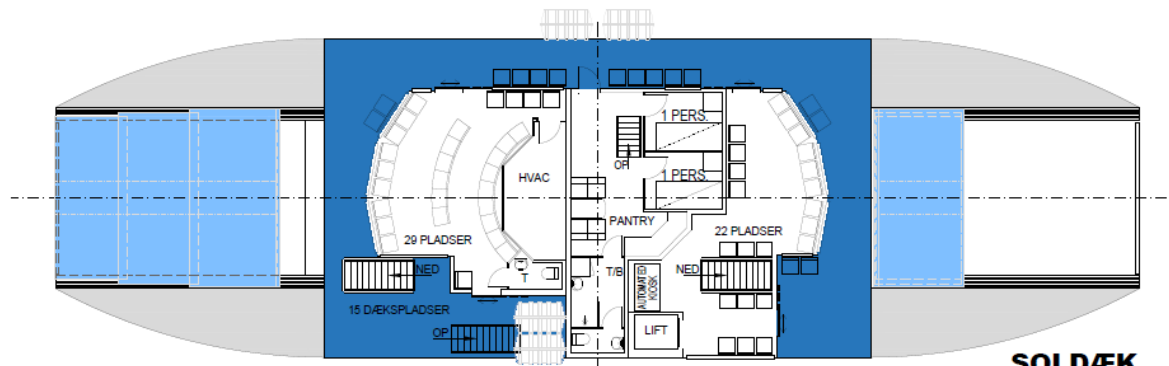
| | |
|--------------------------|---------|
| LÆNGDE OVERALT [M] | 36.0 |
| BREDE FENDER [M] | 10.6 |
| DYBDE MOULDED [M] | 3.80 |
| MAKSIMAL DYBGANG [M] | 2.30 |
| BRUTTO TONNAGE [GT] | 499/720 |
| PERSONBILER ANTAL | 19 |
| PERSONBILBANER [M] | 86 |
| TRAILERBANER [M] | 18 |
| PASSAGERER VINTER/SOMMER | 91 / 98 |
| BESÆTNING VINTER/SOMMER | 2 / 2 |

BILAG 3 - side 1/3

| REVISION | DESCRIPTION | DATE | SIGN. | APPROVED |
|--|---|-----------------------------------|--|---|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| OMT | Project: STANDARDFÆRGER GA-TYPE-D-36-10-LUKKET BRED-BRO | Sheet: 11 Dwg: 6.UM Sign: - | Date: 2022-09-18 Date: - Date: - | Project no.: 1809 Title: A3 Dwg No.: 101-001-02 |
| Svein Mathies Teknolog AS Industriparken, 1405 Sandnessjøen | | Sheet: 1/3 | Rev: - | |



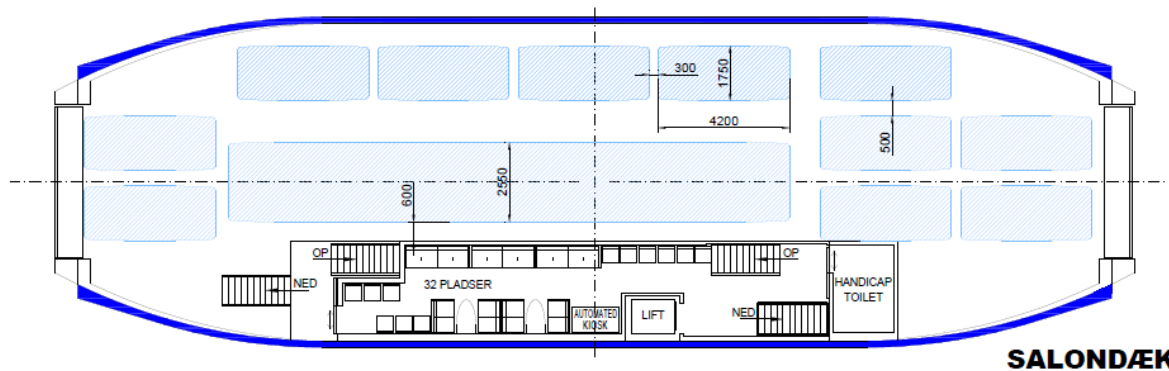
BRODÆK



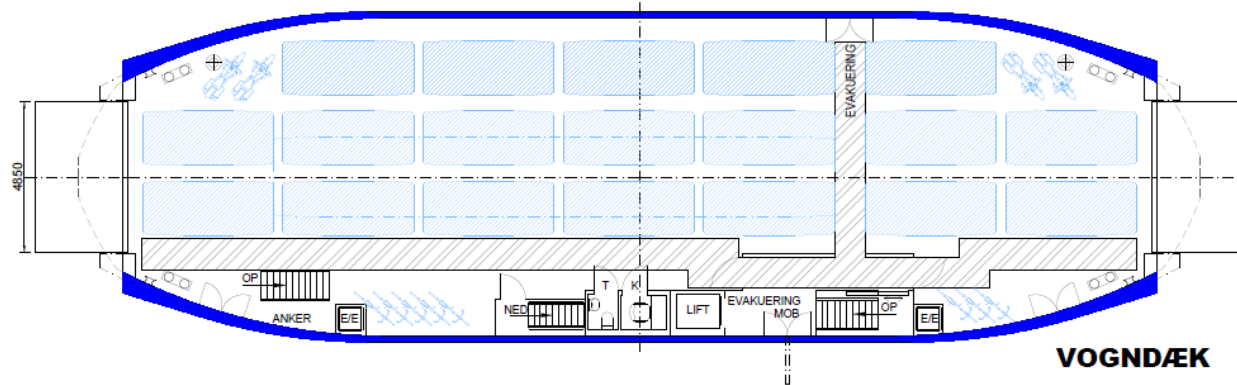
SOLDÆK

BILAG 3 - side 2/3

| REVISION | DESCRIPTION | DATE | SIGN. | APPROVED |
|--------------------------|---|---|--------------------------------|------------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| OMT | Project: STANDARDFERGER GA-TYPE-D-36-10-LUKKET BRED-BRO | Scale: 1:1 Dwg. BLM Date: 2022-09-18 Sign.: Date: | Project no.: M355 1 Rev. A3 | 101-001-02 |
| Svein Madsen Teknolog AS | | Sheet: 2/3 Rev: - | | |



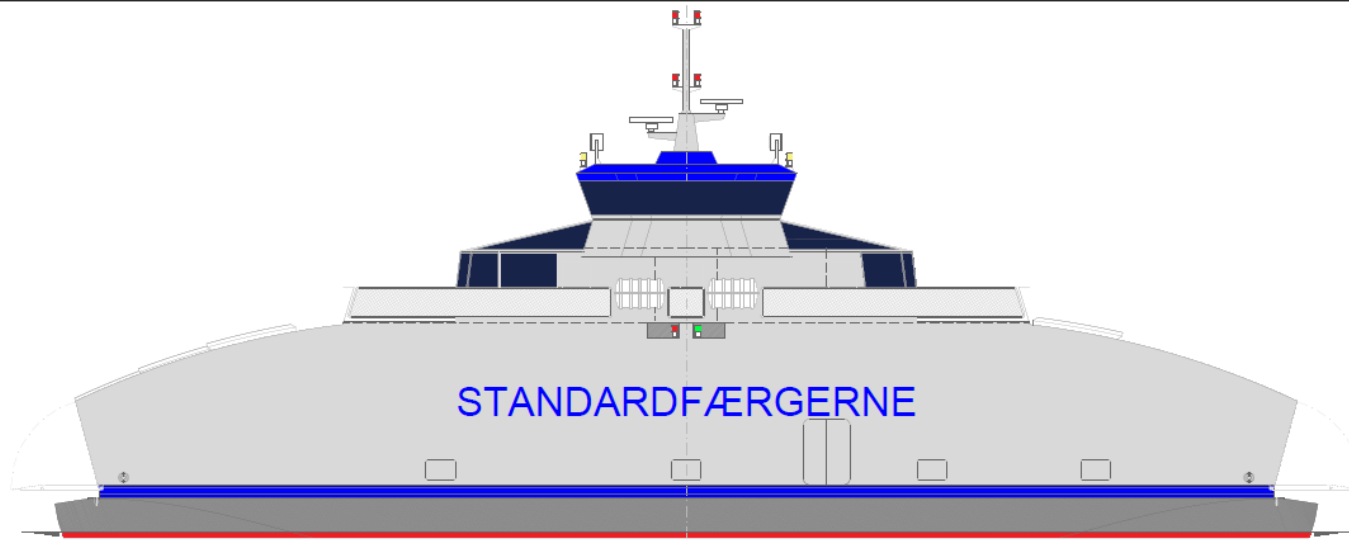
SALONDÆK



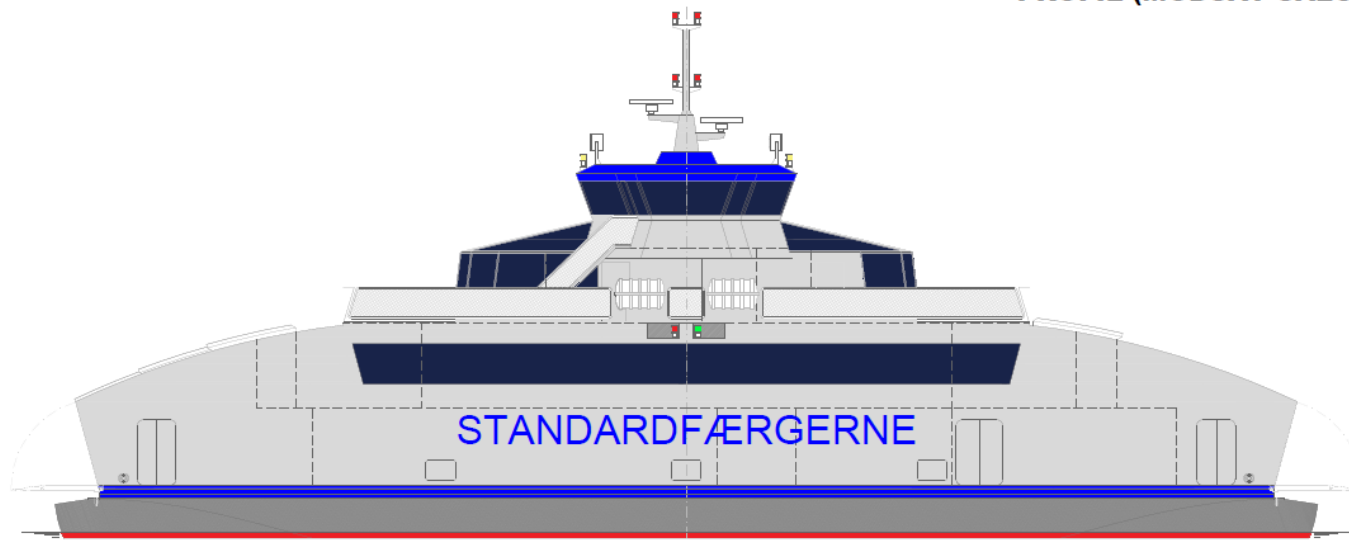
VOGNDÆK

BILAG 3 - side 3/3

| REVISION | DESCRIPTION | DATE | SIGN. | APPROVED |
|------------------------------|-------------|-------------------|-------|----------|
| - | - | - | - | - |
| Project: STANDARD/ERGER | | Project No.: 1499 | | |
| Scale: 1:1 | | 1 Brev A3 | | |
| Dwg. BLM | | Date: 2023-03-18 | | |
| Sgn.: - | | Date: - | | |
| Dwg. No.: 101-001-02 | | Date: - | | |
| Omtan Maritime Technology AS | | Sheet: 33 | | |
| Rev.: - | | Rev.: - | | |



PROFIL (MODSAT SALON)



PROFIL (SALONSIDE)

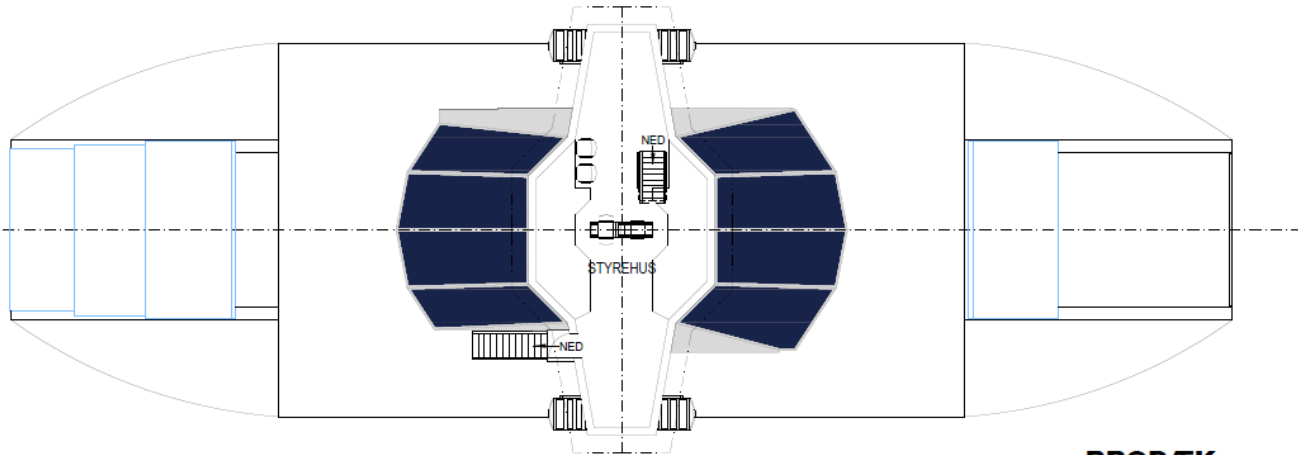
D-40-12-lukket type

BRED BRO

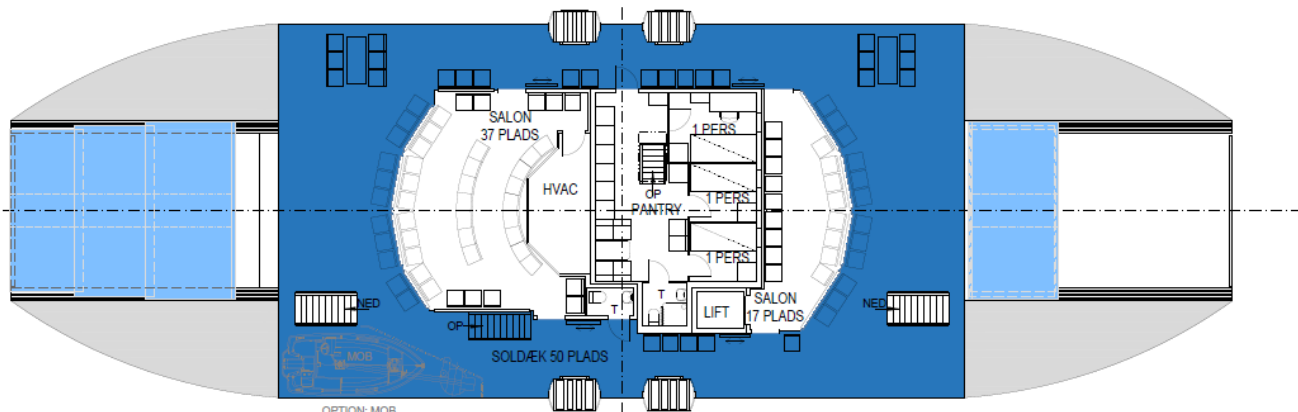
| | |
|--------------------------|----------|
| LÆNGDE OVERALT [M] | 40.5 |
| BREDE FENDERE [M] | 12.4 |
| DYBDE MOULDED [M] | 3.80 |
| MAKSIMAL DYBGANG [M] | 2.30 |
| BRUTTO TONNAGE [GT] | 960 |
| PERSONBILER ANTAL | 24 |
| PERSONBILBANER [M] | 114 |
| TRAILERBANER [M] | 27 |
| PASSAGERER VINTER/SOMMER | 98 / 147 |
| BESÆTNING VINTER/SOMMER | 2 / 3 |

BILAG 4 - side 1/3

| | | | | |
|----------------------------|------------------------|----------------------|------------------|----------|
| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
| A | GT UPDATE | 2022-04-19 | BJM | - |
| Project: STANDARDFÆRGER | | Project no.: 11019 | | |
| OMT | GA-TYPE-D-40-12-LUKKET | Scale: 1:1 | Size: A3 | |
| | BRED-BRO | Dwg. 6JM | Date: 2022-03-18 | |
| | | Sig: - | Date: - | |
| Svein Marine Technology AS | | Dwg. No.: 101-001-03 | Sheet | 1/3 |
| | | | Rev.: A | |



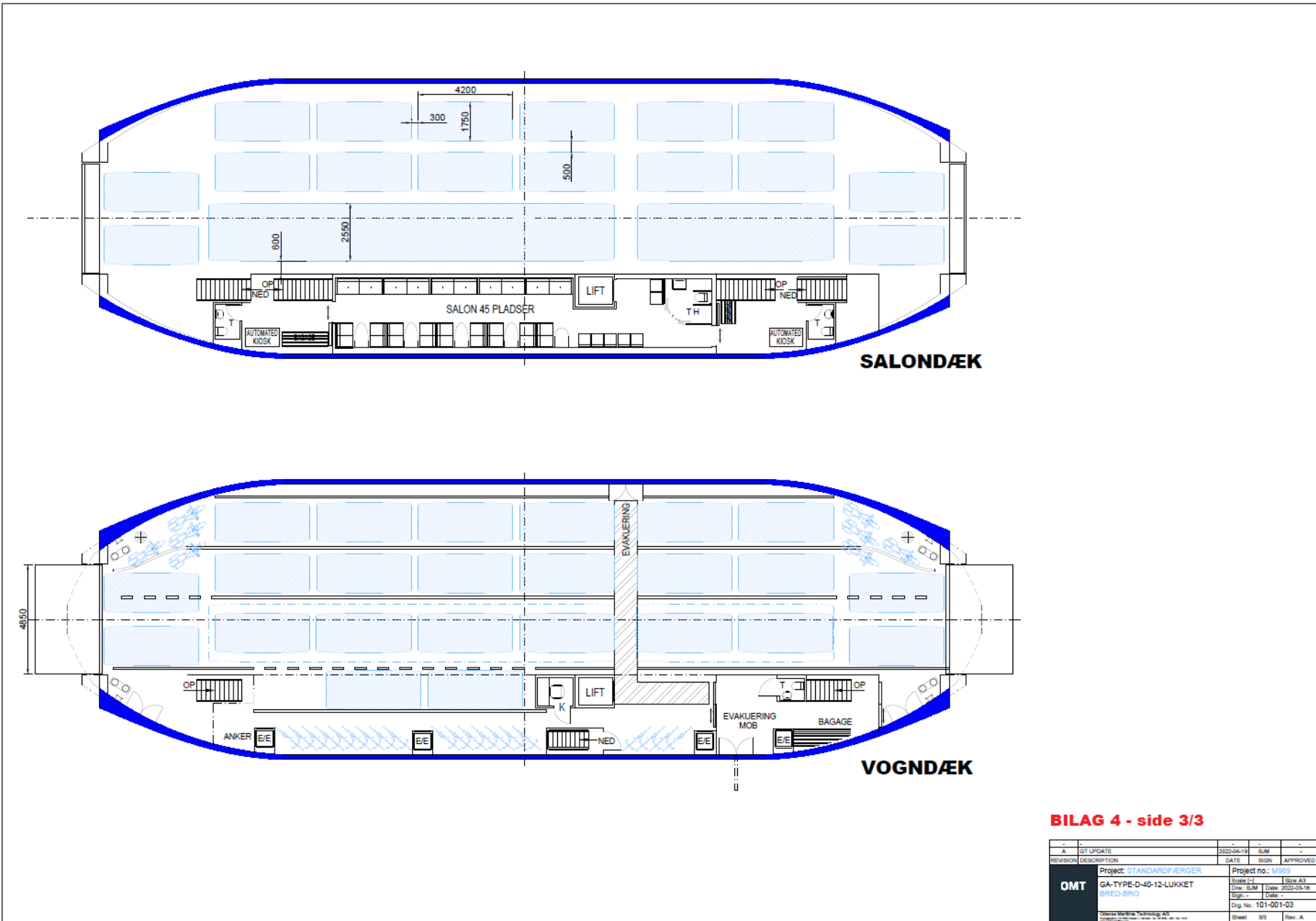
BRODÆK



SOLDÆK

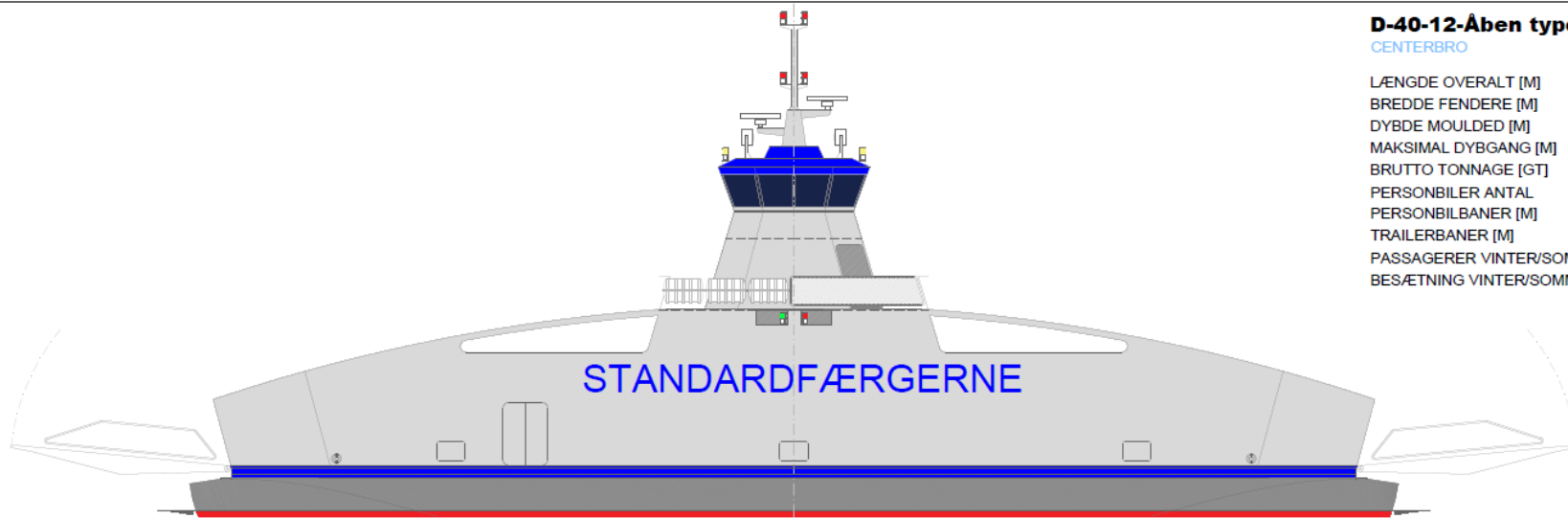
BILAG 4 - side 2/3

| | | | |
|-------------------------------|-------------------------|-----------------------|------------------|
| GT UPDATE | 2022-04-19 | BJM | - |
| REVISION | DESCRIPTION | DATE | SIGN APPROVED |
| OMT | Project: STANDARDFERGER | Project no.: 1195 | |
| | GA-TYPE-0-10-12-LUKKET | Scale: 1:1 | Size: A3 |
| | BRED-GRO | Dwg. BJM | Date: 2022-03-18 |
| | | SIGN: - | Date: - |
| Version: Marine Technology AS | | Orig. No.: 101-001-03 | |
| Sheet: 2/3 | | Rev: A | |

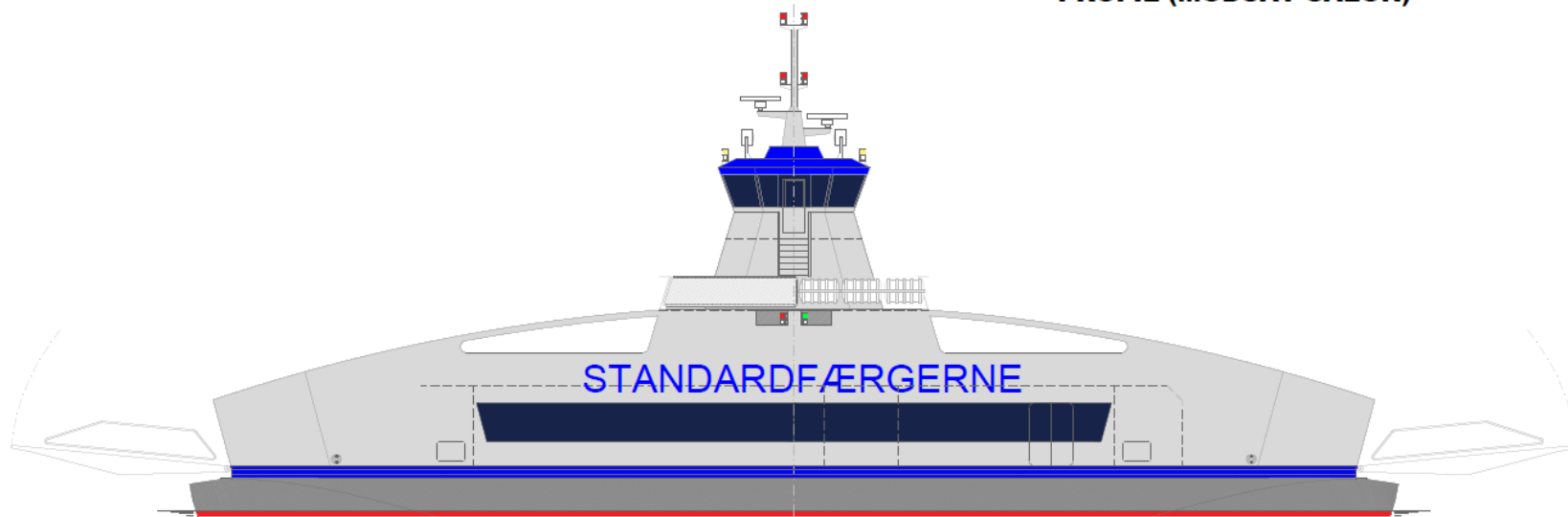


BILAG 4 - side 3/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|--------------------------------|------------------------|--------------------------|------------------|----------|
| A | DT UPDATE | 2022-04-19 | SLM | |
| Project: STANDARDFERGER | | Project no.: 1803 | | |
| OMT | GA-TYPE-D-40-12-LUKKET | Scale: 1:1 | 1 Blok A3 | |
| | BRED-BRO | Dwg: SLM | Date: 2022-03-18 | |
| | | Sig: - | Date: - | |
| Molten Machine Technology AS | | Dig No: 101-001-03 | | |
| Sheet 3/3 | | Rev. A | | |



PROFIL (MODSAT SALON)

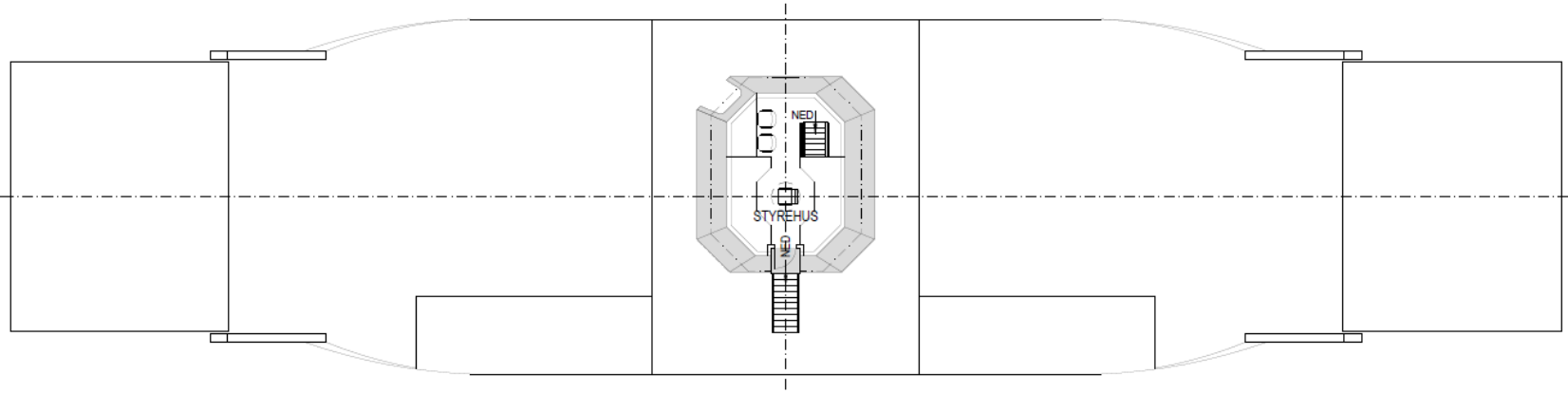


PROFIL (SALONSIDE) BILAG 5 - side 1/3

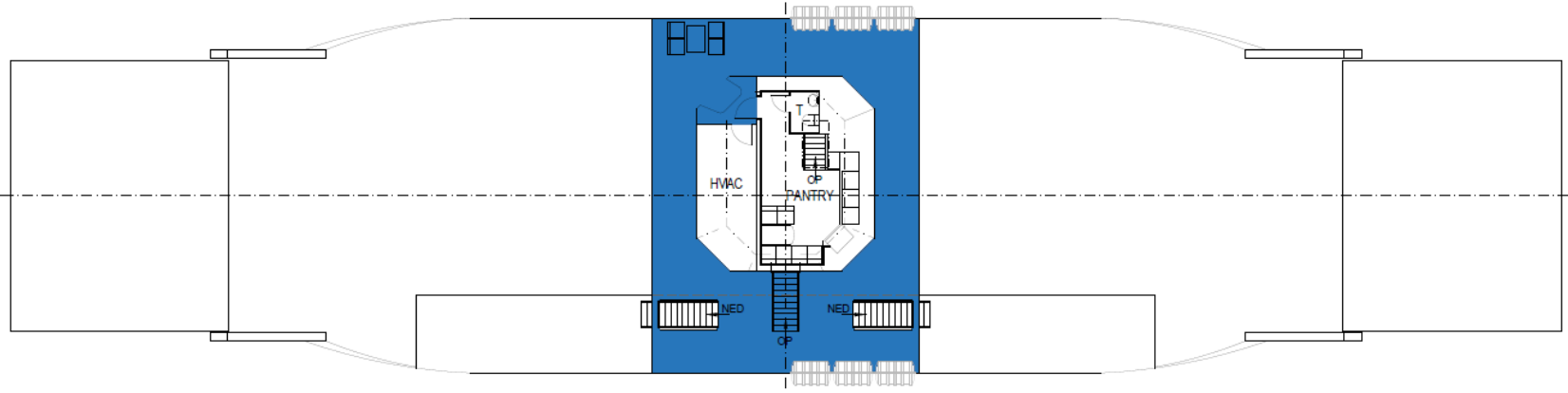
D-40-12-Åben type
CENTERBRO

| | |
|--------------------------|----------|
| LÆNGDE OVERALT [M] | 40.5 |
| BREDDE FENDERE [M] | 12.4 |
| DYBDE MOULDED [M] | 3.80 |
| MAKSIMAL DYBGANG [M] | 2.30 |
| BRUTTO TONNAGE [GT] | 360 |
| PERSONBILER ANTAL | 22 |
| PERSONBILBANER [M] | 104 |
| TRAILERBANER [M] | 52 |
| PASSAGERER VINTER/SOMMER | 98 / 147 |
| BESÆTNING VINTER/SOMMER | 2 / 3 |

| REVISION | DESCRIPTION | DATE | SIGN. | APPROVED |
|--|--|---|---|--|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |
| OMT | Project: STANDARDFÆRGER GA-TYPE-D-40-12-ÅBEN CENTERBRO | Project no.: 11/07 Scale: 1:1 Date: 2020-03-18 | Draw. EJM Date: 2020-03-18 Sign.: | Sheet: 1/3 Date: - Date: - Date: - Date: - |
| <small>Green Marine Technology A/S Lindøvej 10, 8260 Åbenrå, Denmark T: +45 76 20 20 20 E: info@gmt.dk</small> | | <small>Project no.: 11/07 Scale: 1:1 Date: 2020-03-18 Draw. EJM Date: 2020-03-18 Sign.:</small> | <small>Sheet: 1/3 Date: - Date: - Date: - Date: -</small> | <small>Rev.:</small> |



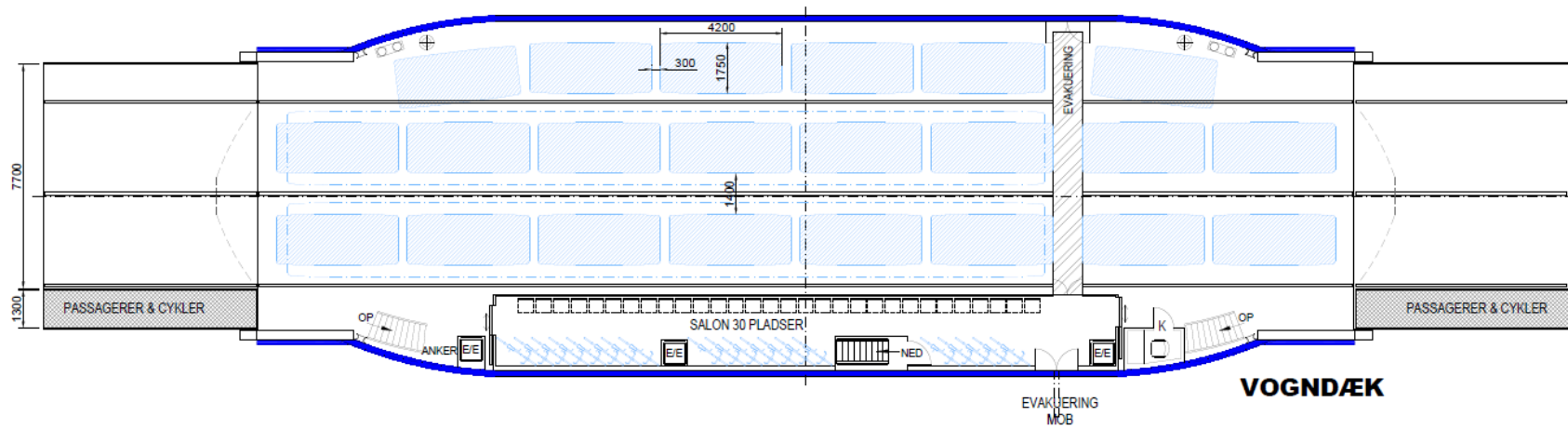
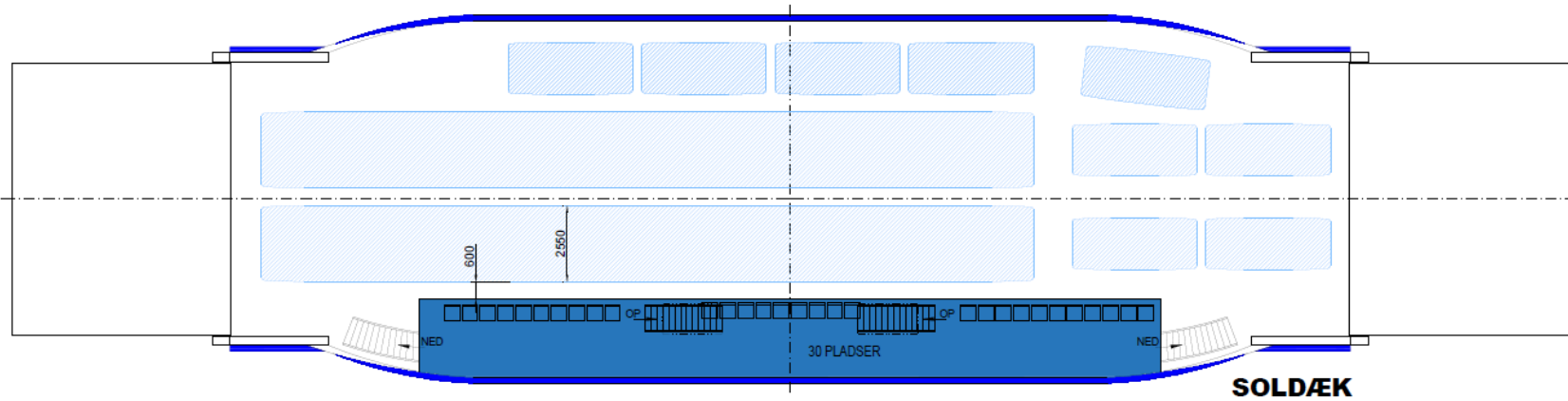
BRODÆK



MANDSKABSDÆK

BILAG 5 - side 2/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|----------|--|----------------------|------------------|----------|
| OMT | Project: STANDARD/ÆRGER GA-TYPE-D-40-12-ÅBEN CENTERBRU | Project no.: 11037 | Scale: 1:1 | Size: A3 |
| | | Draw: BLM | Date: 2020-03-18 | |
| | | Sign: - | Date: - | |
| | | Draw No.: 101-001-04 | | |
| | Mermaid Marine Technology A/S Lindøvej 10, 2650 Lyngby, Denmark | Sheet: 2/3 | Rev: - | |



BILAG 5 - side 3/3

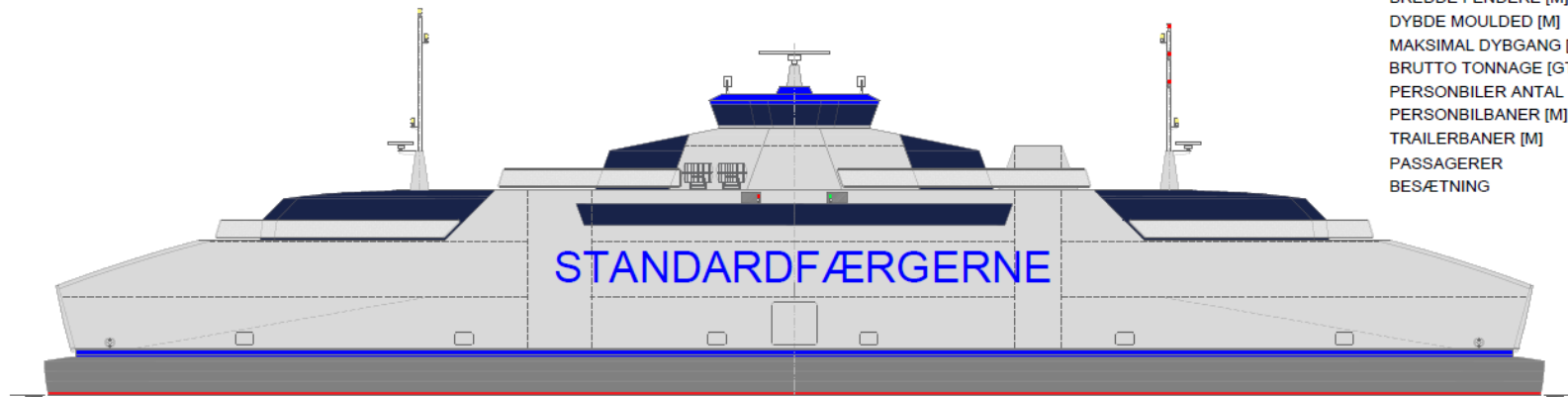
| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|----------|-------------|------|------|----------|
| - | - | - | - | - |
| - | - | - | - | - |
| - | - | - | - | - |

| | | |
|------------------------------|-------------------------|-------------------|
| DMT | Project: STANDARDFÆRGER | Project no.: M070 |
| | GA-TYPE-D-40-12-ÅBEN | Scale: 1:1 |
| | CENTERBRO | Date: 2022-05-18 |
| | | Date: |
| Dig No. 101-001-04 | | Sheet: 3/3 |
| Morten Nielsen Technology AS | | Rev: - |

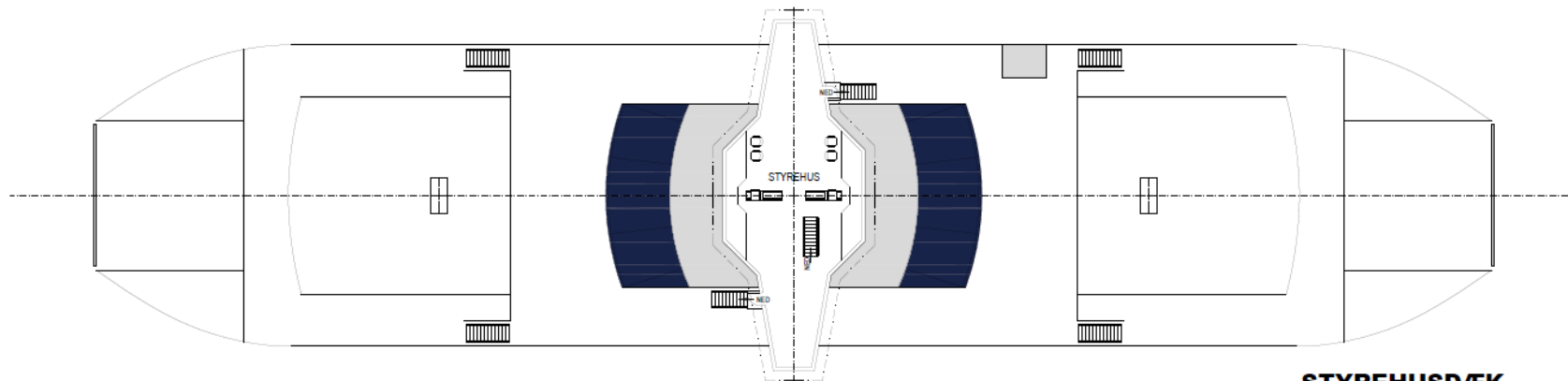
D-80-17-lukket type

BRED BRO

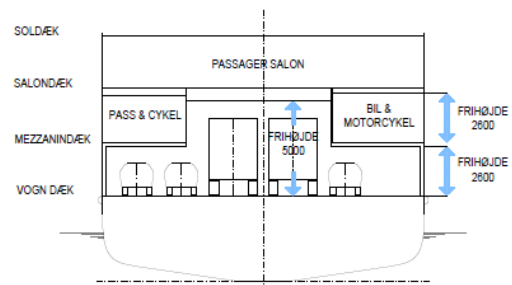
| | |
|----------------------|-----------------|
| LÆNGDE OVERALT [M] | 80.0 |
| BREDDEN FENDERE [M] | 17.4 |
| DYBDE MOULDED [M] | 5.0 |
| MAKSIMAL DYBGANG [M] | 2.50 |
| BRUTTO TONNAGE [GT] | 2999/3800 |
| PERSONBILER ANTAL | 80 |
| PERSONBILBANER [M] | 377 |
| TRAILERBANER [M] | 140 |
| PASSAGERER | 147/196/245/444 |
| BESÆTNING | 3/4/5/6 |



PROFIL



STYREHUSDÆK



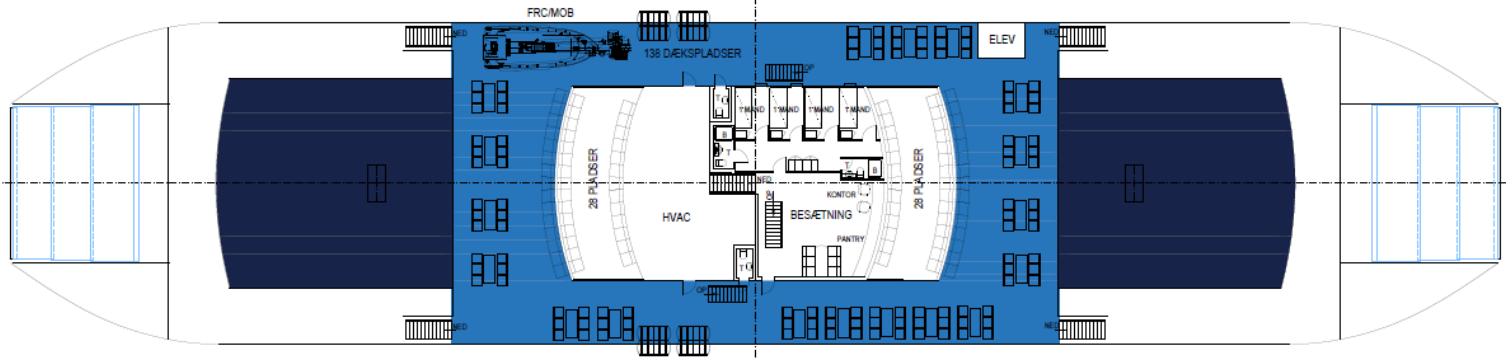
BILAG 6 - side 1/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|-------------------------|-------------|-------------------|------|----------|
| - | - | - | - | - |
| Project: STANDARDFÆRGER | | Project no.: M595 | | |
| Scale: 1:1 | | Scale: A3 | | |
| Dwg. BLM | | Date: 2022-05-18 | | |
| Sign: - | | Title: - | | |
| Dwg. No. 101-001-05 | | Sheet 15 | | |
| OMT | | Rev: - | | |

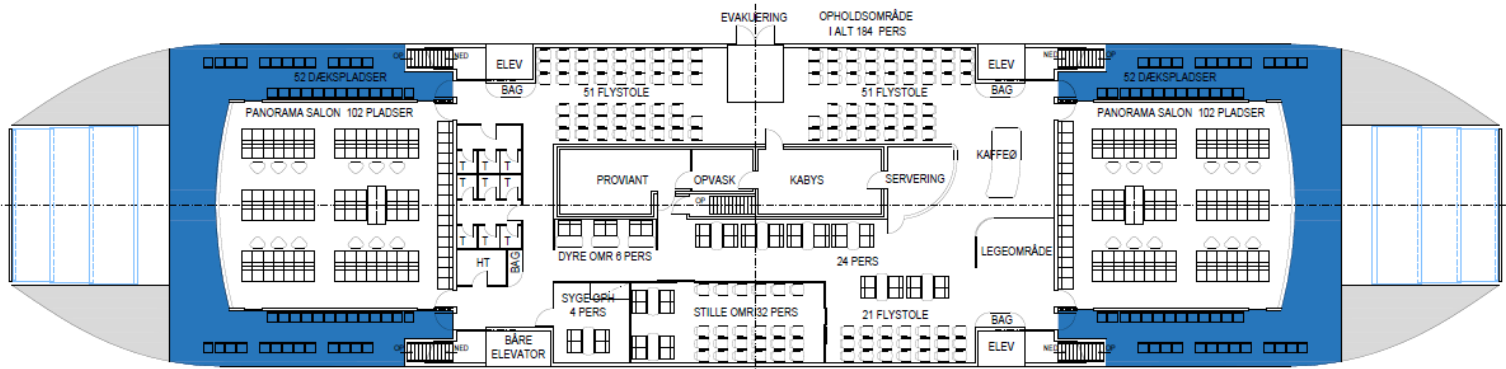
OMT

GA-TYPE-D-80-17-LUKKET
BRED-BRO

Sheet 15



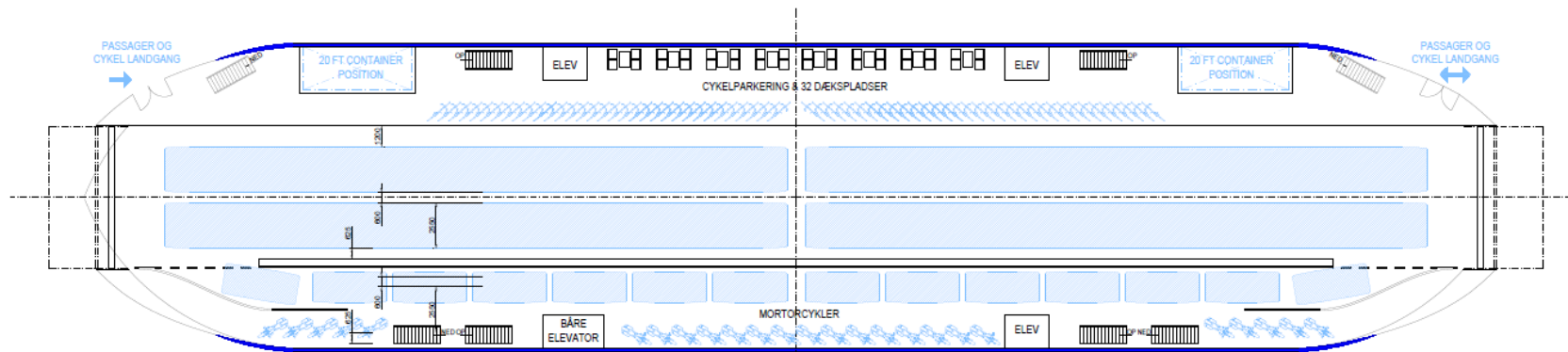
SOLDÆK



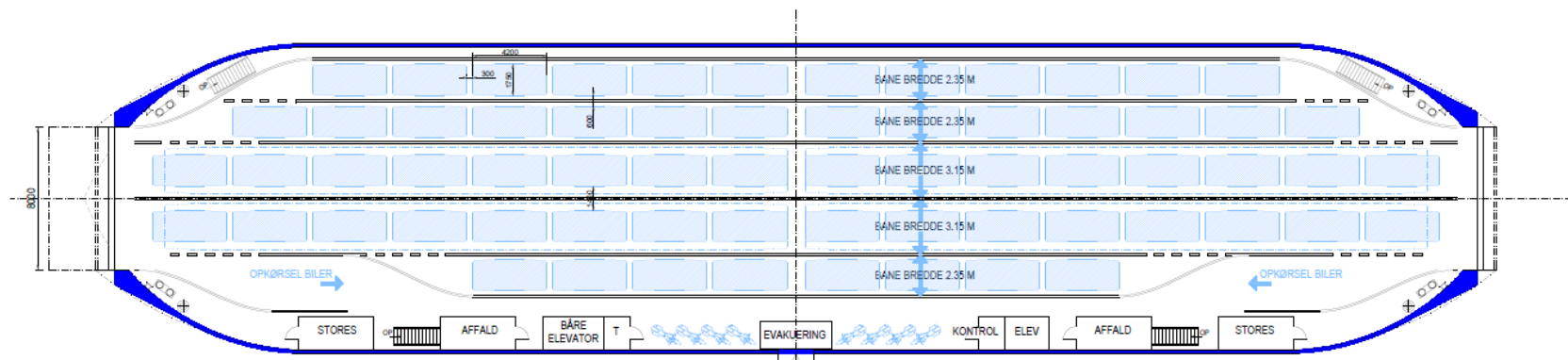
SALONDÆK

BILAG 6 - side 2/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|-----------------------------|------------------------|-----------------------|------------------|----------|
| - | - | - | - | - |
| - | - | - | - | - |
| Project: STANDARD/ERGER | | Project No.: 14509 | | |
| OMT | GA-TYPE-D-80-17-LUKKET | Scale: 1:1 | 1 Rev. A3 | |
| | BRED-BRO | Drw. BLM | Date: 2022-03-18 | |
| | | Sgn: - | Date: - | |
| | | Orig. No.: 101-001-05 | | |
| Ostman Marine Technology AS | | Sheet: 2/3 | Rev: - | |



**MEZZANINDÆK
14 BILER**



**VOGNDÆK
66 BILER**

BILAG 6 - side 3/3

| REVISION | DESCRIPTION | DATE | SIGN | APPROVED |
|--|---|------|------|---|
| OMT | Project: STANDARDFERGER GA-TYPE-D-80-17-LUKKET BRED-800 | | | Project no.: 1705 Skrækl. / Skiz A3 Dwg. / BLM Date: 2020-03-18 Sign. / Date: - Orig. No.: 101-001-05 |
| Søren Mathias Technology A/S Søren Mathias Technology A/S Søren Mathias Technology A/S | | | | Sheet: 3/3 Rev: - |