

| Spaces | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|-----------------------------------|------|------------------|------------------|------------------|------------------|------|------------------|-------------------|-------------------|------|-------------------|
| Control stations | (1) | A-0 ^e | A-0 | A-60 | A-0 | A-15 | A-60 | A-15 | A-60 | A-60 | * A-60 |
| Corridors | (2) | | C | B-0 | B-0 ^c | A-60 | A-0 | A-0 | A-0 | * | A-30 |
| Accommodation spaces | (3) | | C ^{a,b} | B-0 ^c | B-0 ^c | A-60 | A-0 | A-0 | A-0 | * | A-30 |
| Stairways | (4) | | | B-0 ^c | B-0 ^c | A-60 | A-0 | A-0 | A-0 | * | A-30 |
| Service spaces (low risk) | (5) | | | | C | A-60 | A-0 | A-0 | A-0 | * | A-0 |
| Machinery spaces of category A | (6) | | | | | * | A-0 | A-60 ^g | A-60 | * | A-60 ^f |
| Other machinery spaces | (7) | | | | | | A-0 ^d | A-0 | A-0 | * | A-0 |
| Cargo spaces | (8) | | | | | | | * | A-0 | * | A-0 |
| Service spaces (high risk) | (9) | | | | | | | | A-60 ^d | * | A-30 |
| Open decks | (10) | | | | | | | | | * | A-0 |
| Special category and ro-ro spaces | (11) | | | | | | | | | * | * ^h |

Table 9.5 Fire integrity of bulkheads separating adjacent spaces

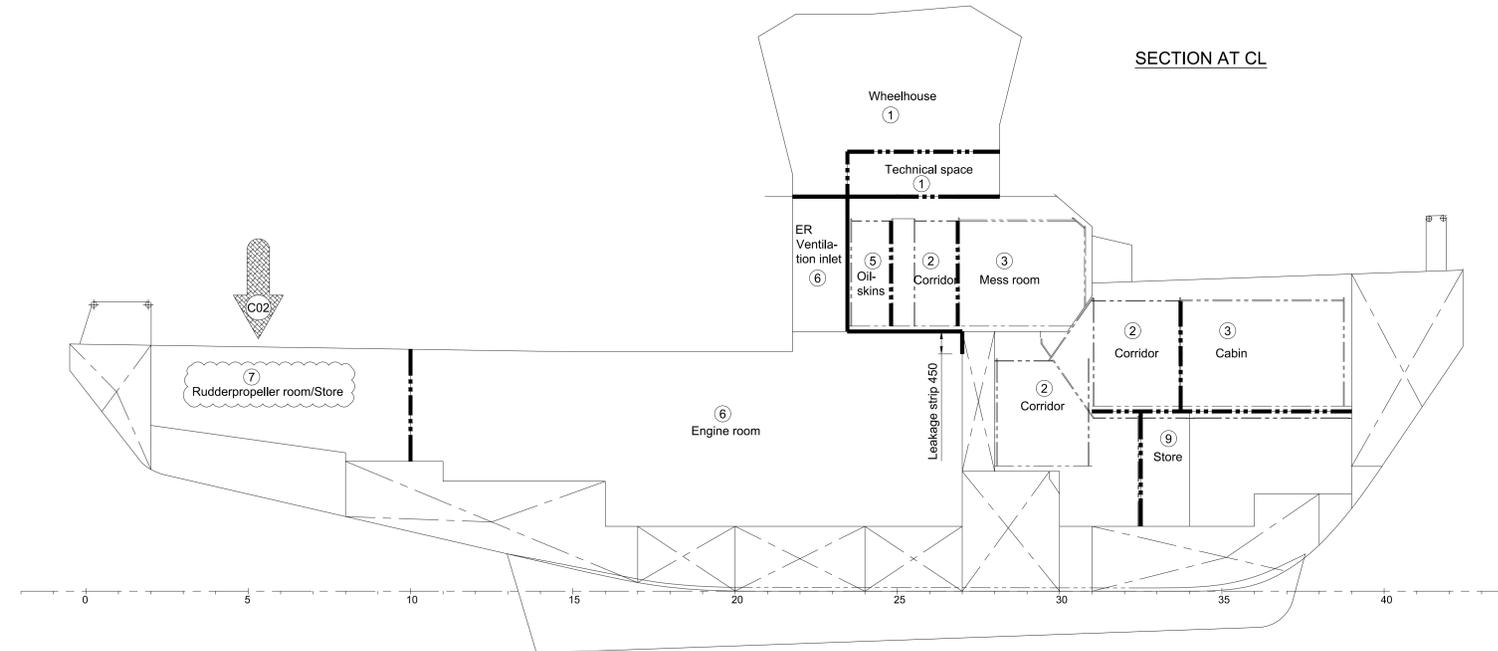
| Spaces below ↓ Space above → | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | |
|-----------------------------------|------|------|------|------|------|------|------|-------------------|------|------------------|----------------|------|
| Control stations | (1) | A-0 | A-0 | A-0 | A-0 | A-60 | A-0 | A-0 | A-0 | * | A-60 | |
| Corridors | (2) | A-0 | * | * | A-0 | * | A-60 | A-0 | A-0 | * | A-30 | |
| Accommodation spaces | (3) | A-60 | A-0 | * | A-0 | * | A-60 | A-0 | A-0 | * | A-30 | |
| Stairways | (4) | A-0 | A-0 | A-0 | * | A-0 | A-60 | A-0 | A-0 | * | A-30 | |
| Service spaces (low risk) | (5) | A-15 | A-0 | A-0 | A-0 | * | A-0 | A-0 | A-0 | * | A-0 | |
| Machinery spaces of category A | (6) | A-60 | A-60 | A-60 | A-60 | A-60 | * | A-60 ⁱ | A-30 | A-60 | * | A-60 |
| Other machinery spaces | (7) | A-15 | A-0 | A-0 | A-0 | A-0 | A-0 | * | A-0 | * | A-0 | |
| Cargo spaces | (8) | A-60 | A-0 | A-0 | A-0 | A-0 | A-0 | * | A-0 | * | A-0 | |
| Service spaces (high risk) | (9) | A-60 | A-0 | A-0 | A-0 | A-0 | A-60 | A-0 | A-0 | A-0 ^d | * | A-30 |
| Open decks | (10) | * | * | * | * | * | * | * | * | * | * | |
| Special category and ro-ro spaces | (11) | A-60 | A-30 | A-30 | A-30 | A-0 | A-60 | A-0 | A-30 | * | * ^h | |

Table 9.6 Fire integrity of decks separating adjacent spaces

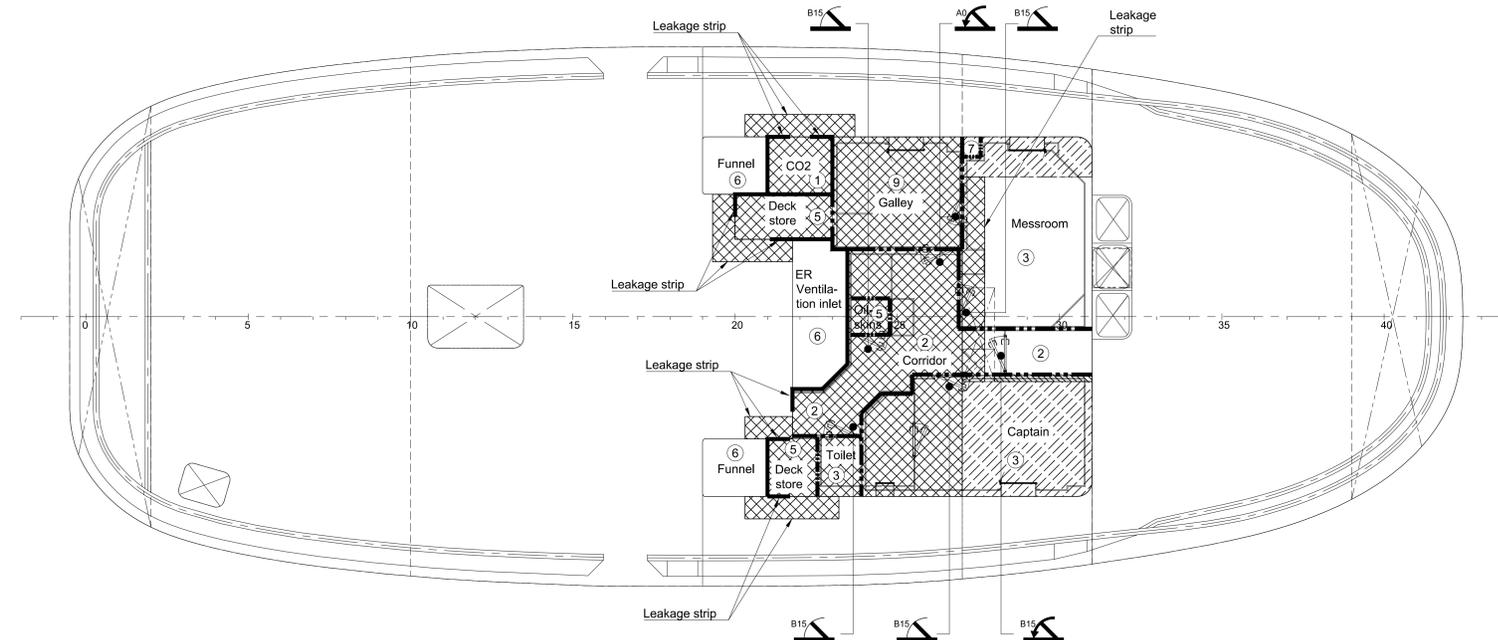
Notes:
 To be applied to both tables 9.5 and 9.6 as appropriate.
 a No special requirements are imposed upon bulkheads in methods IIC and IIC fire protection.
 b In case of method IIC "B" class bulkheads of "B-0" rating shall be provided between spaces or groups of spaces of 50 m² and over in area.
 c For clarification as to which applies, see paragraphs 2.3.2 and 2.3.4.
 d Where spaces are of the same numerical category and superscript "d" appears, a bulkhead or deck of the rating shown in the tables is only required when the adjacent spaces are for a different purpose (e.g. in category (9)). A galley next to a galley does not require a bulkhead but a galley next to a paint room requires an "A-0" bulkhead.
 e Bulkheads separating the wheelhouse, chartroom and radio room from each other may have a "B-0" rating.
 f An "A-0" rating may be used if no dangerous goods are intended to be carried or if such goods are stowed not less than 3 m horizontally from such a bulkhead.
 g For cargo spaces in which dangerous goods are intended to be carried, regulation 19.3.8 applies.
 h Bulkheads and decks separating ro-ro spaces shall be capable of being closed reasonably gastight and such divisions shall have "A" class integrity in so far as reasonable and practicable, in the opinion of the Administration it has little or no fire risk.
 i Fire insulation need not be fitted in the machinery space in category (7) if, in the opinion of the Administration, it has little or no fire risk.
 * Where an asterisk appears in the tables, the division is required to be of steel or other equivalent material but is not required to be of "A" class standard. However, where a deck, except an open deck, is penetrated for the passage of electric cables, pipes and vent ducts, such penetrations should be made tight to prevent the passage of flame and smoke. Divisions between control stations (emergency generators) and open decks may have air intake openings without means for closure, unless a fixed gas fire-fighting system is fitted.

Bureau Veritas Marine & Offshore
Section 47158L.....
REVIEWED
 only for parts concerning Classification,
 and as per contract.
 Rotterdam, 13-May-2024
 [Electronic document]
 The plan approval office

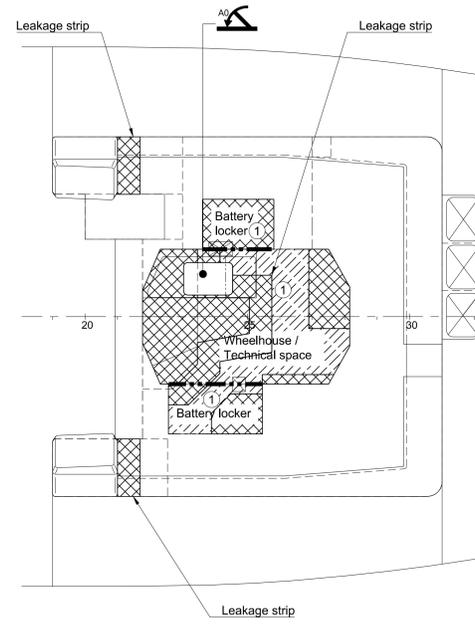
SECTION AT CL



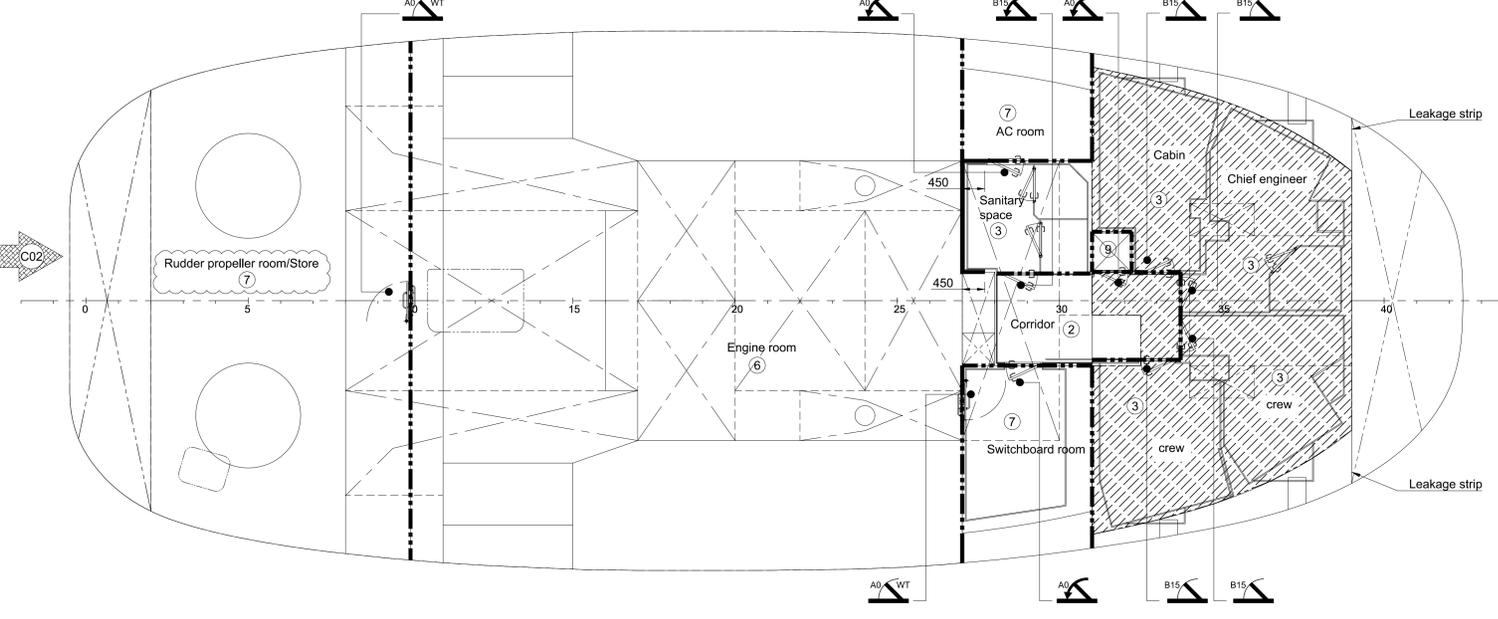
ACCOMMODATION DECK



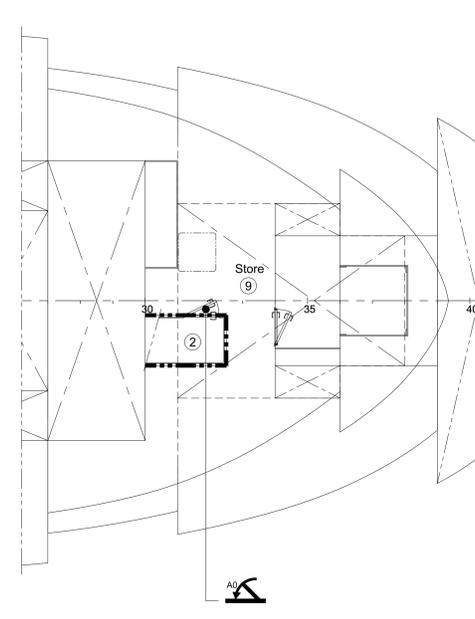
BRIDGE DECK



RUDDER PROPELLER & ENGINE ROOM



TWEEN DECK



LOWER DECK

NOTE:
 - All walls in accommodation, if not specified, are B-0 class
 - Protection in accommodation, service spaces and control stations are according method IIC (SOLAS Ch II-2 - Part C - Reg. 9 - Par 2.3.1)
 - Leakage strips of insulation are 450mm in length
 - (x) = Space definition
 - Actual fire integrity is marked as indicated below:

- A-60 fire class bulkhead
- A-0 fire class bulkhead
- B-15 fire class bulkhead
- B-0 fire class bulkhead
- A-60 fire class deck
- A-0 fire class deck
- B-15 fire class deck
- B-0 fire class deck

| Rev | Date | Drawn | Checked | Revision text |
|-----|------------|-------|---------|-----------------------------------|
| A01 | 06-05-2016 | MV | FVDV | Initially created |
| B01 | 30-06-2017 | MV | FVDV | Updated according 'class' remarks |
| B02 | 11-07-2017 | MV | MV | Symbol update |
| C01 | 22-09-2017 | MV | FVDV | Lower deck updated |
| C02 | 22-12-2022 | GDT | GDT | Renamed workshop to store |

Projection: **DAMEN** DAMEN SHIPYARDS GORINCHEM
 Format: A0
 Scale: 1:50
 Units: mm

Fire integrity plan

| Doc class | Drawn | Drawn | Drawn | Drawn | Drawn | Drawn | Drawn |
|--------------------|---------------------------------|-----------------|--------------|------------------|-------------|---------------|---------------|
| Draw: DRAW-2D | Drawn: MV | Drawn: MV | Drawn: MV | Drawn: MV | Drawn: MV | Drawn: MV | Drawn: MV |
| Project No: 513233 | Function: 570 | Sequence: 002 | Checked: GDT | Date: 10-03-2023 | Revision: 1 | Revision: C02 | Revision: C02 |
| Yard No. | Section/Compartment | Document number | Sheet | Revision | Revision | Revision | Revision |
| HB | COPYRIGHT DAMEN SHIPYARDS GROUP | 2718028 | 1 | C02 | | | |