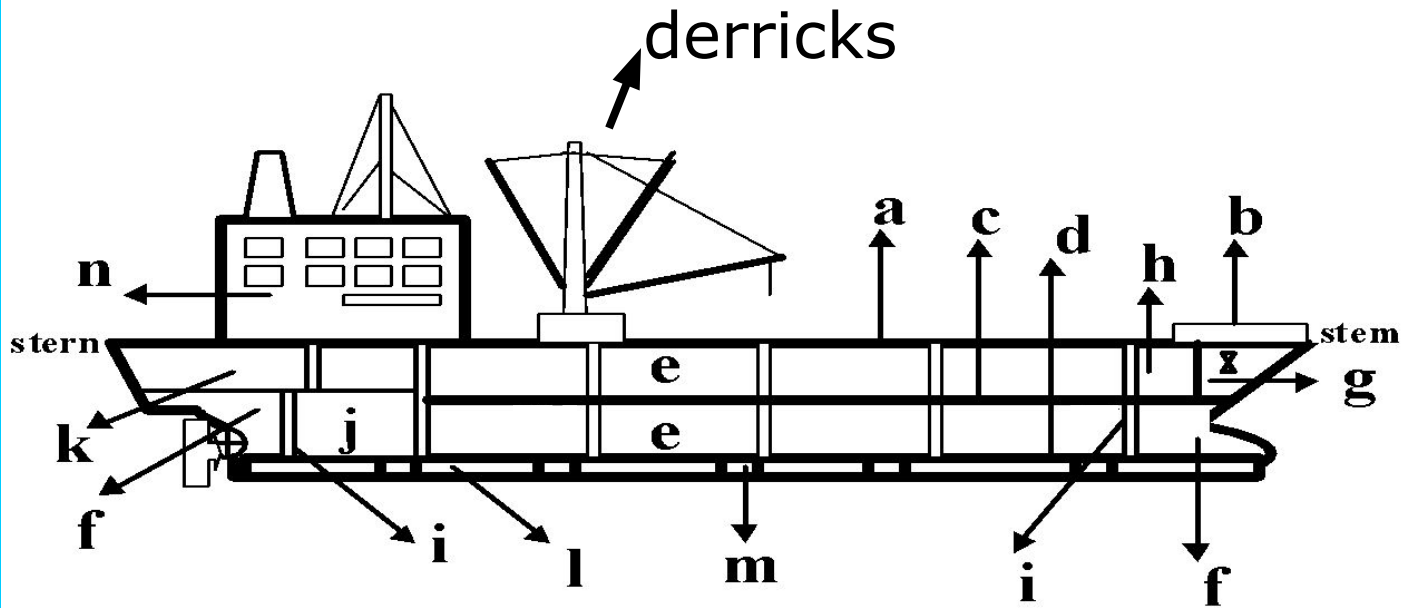




General arrangement

Separations and spaces



n = superstructure

Separations and spaces

THE FORE-AND-AFT LINE

The fore and aft line *separates* starboard from port.





Portside

Fore -and -aft line



Starboardside

STEM AND STERN

The extreme fore end of the vessel is called *stem*; the extreme aft end of the vessel is called *stern*.





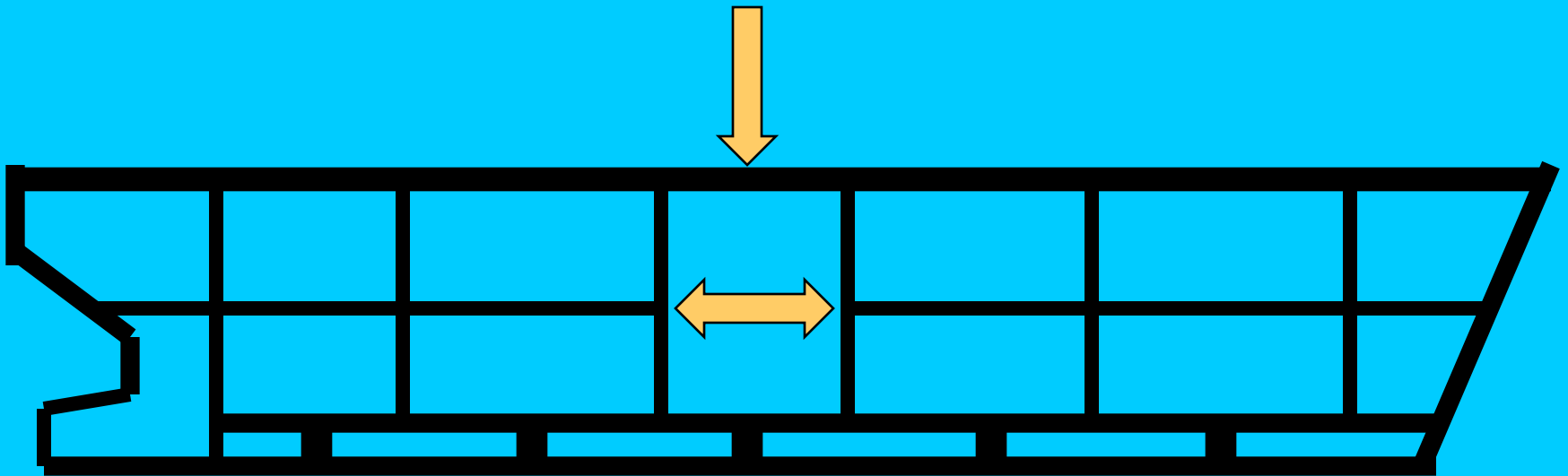
The superstructure

Stern

Stem

DECKS AND BULKHEADS

Decks and bulkheads are horizontal and vertical *separations* that form the *holds* and *spaces*.



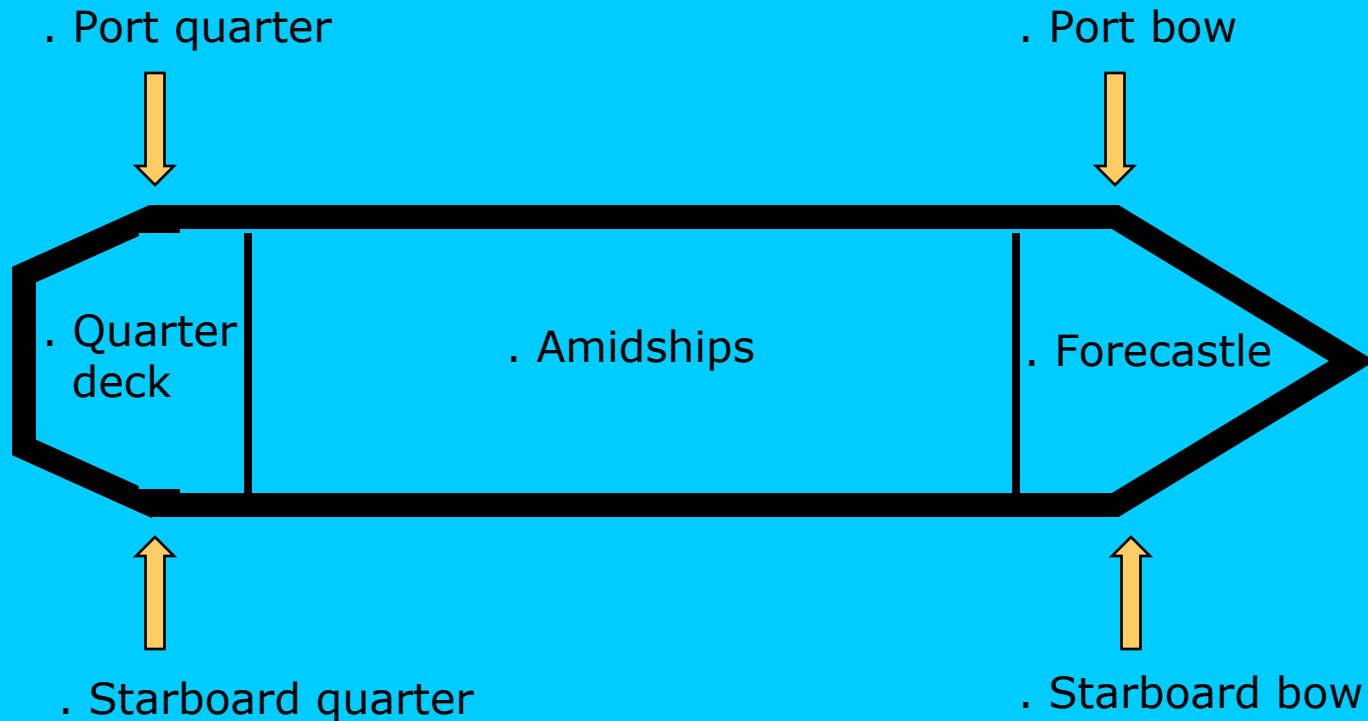


Upper hold with tweendeck

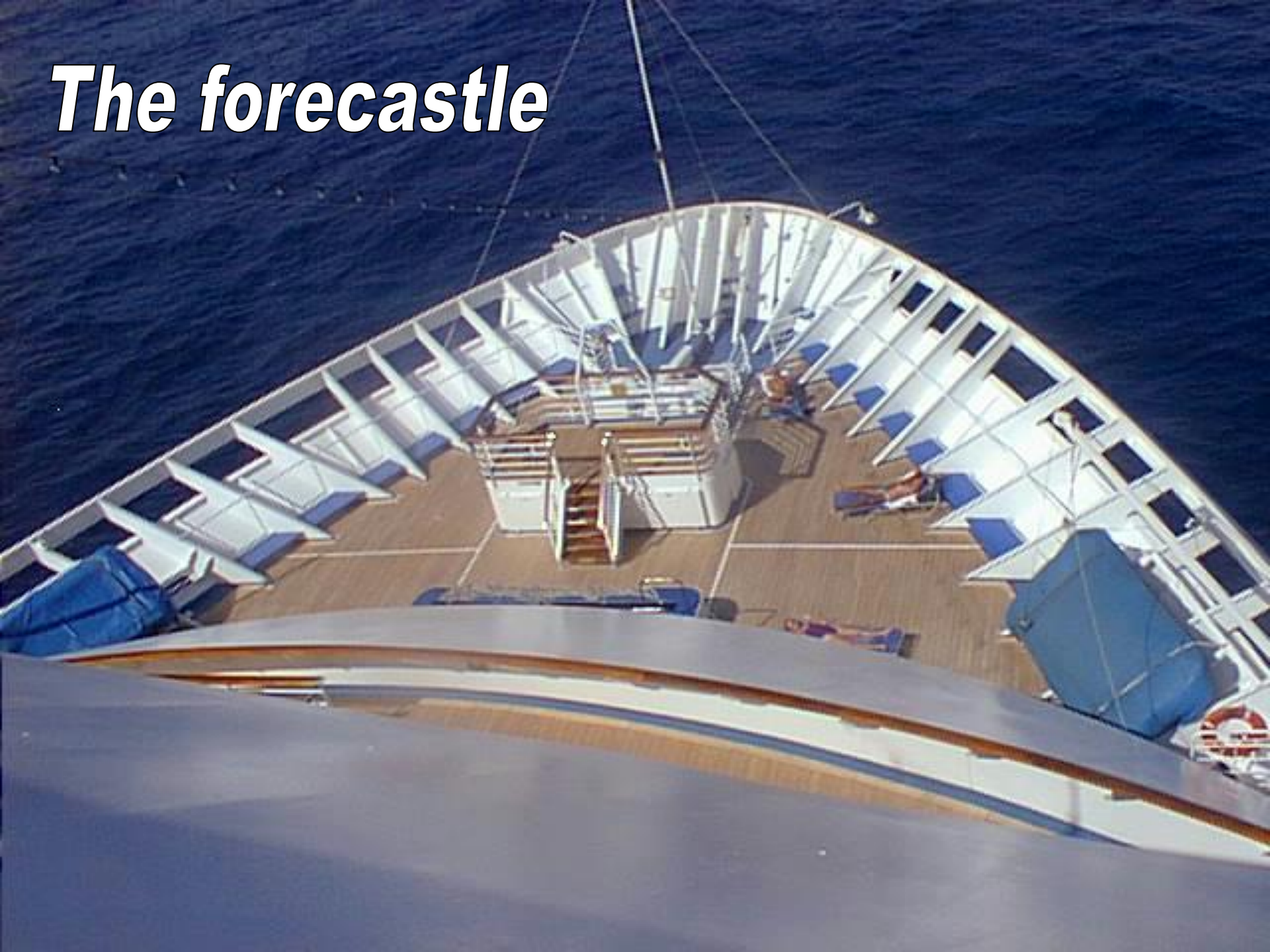
Upper deck ("weather deck")



THE UPPER DECK, BOWS and QUARTERS



The forecastle



BOWS AND QUARTERS

SB. QUARTER

P. QUARTER

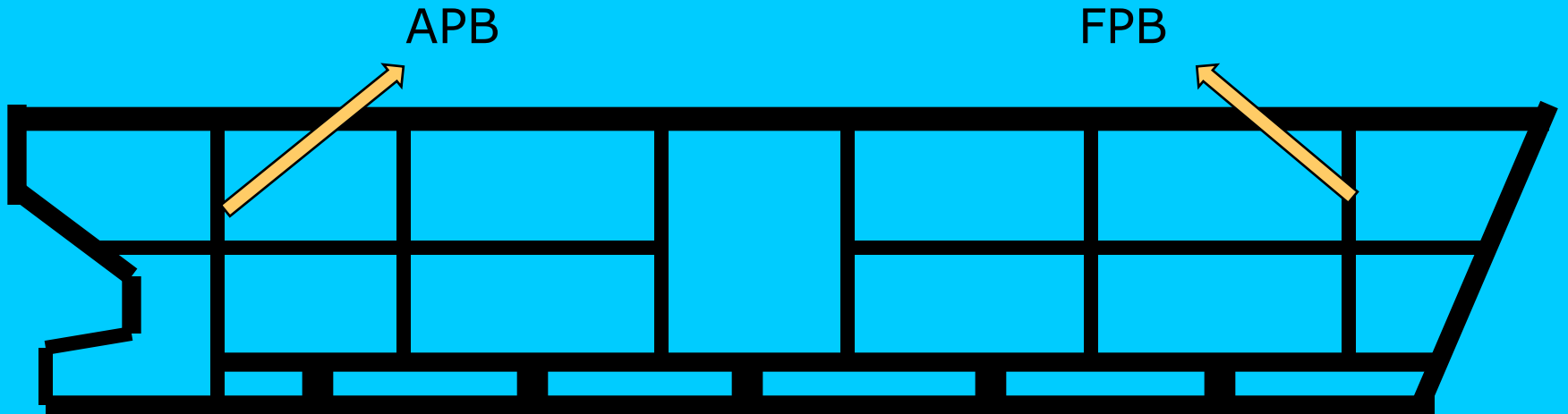
SB. BOW

P.BOW



BULKHEADS

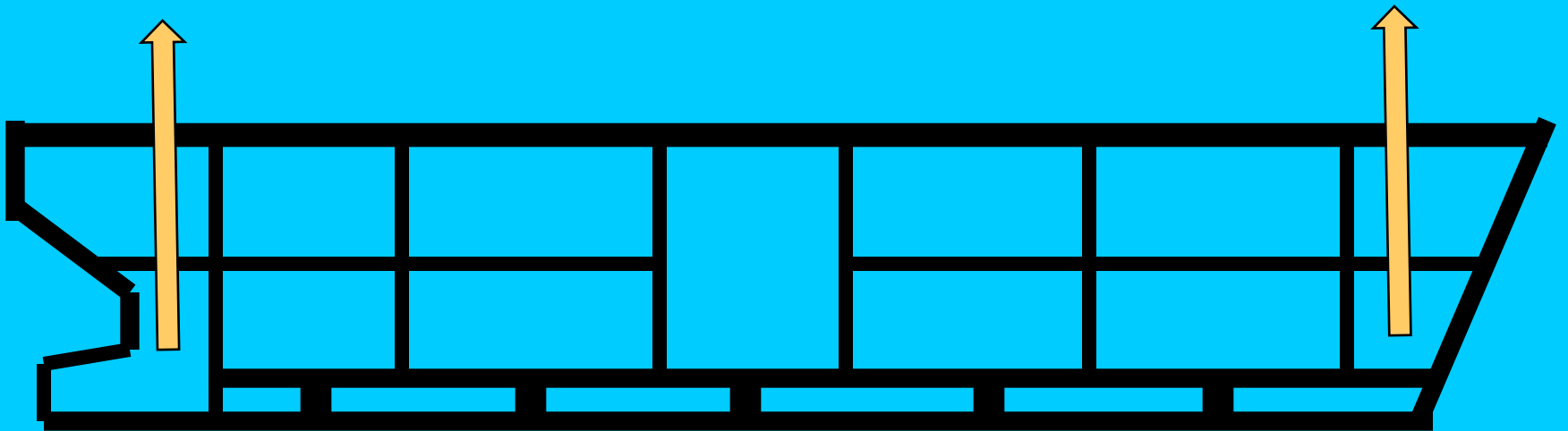
The *forepeak bulkhead* and the *afterpeak bulkhead* are watertight *collision* bulkheads.



THE PEAK TANKS

Afterpeak.

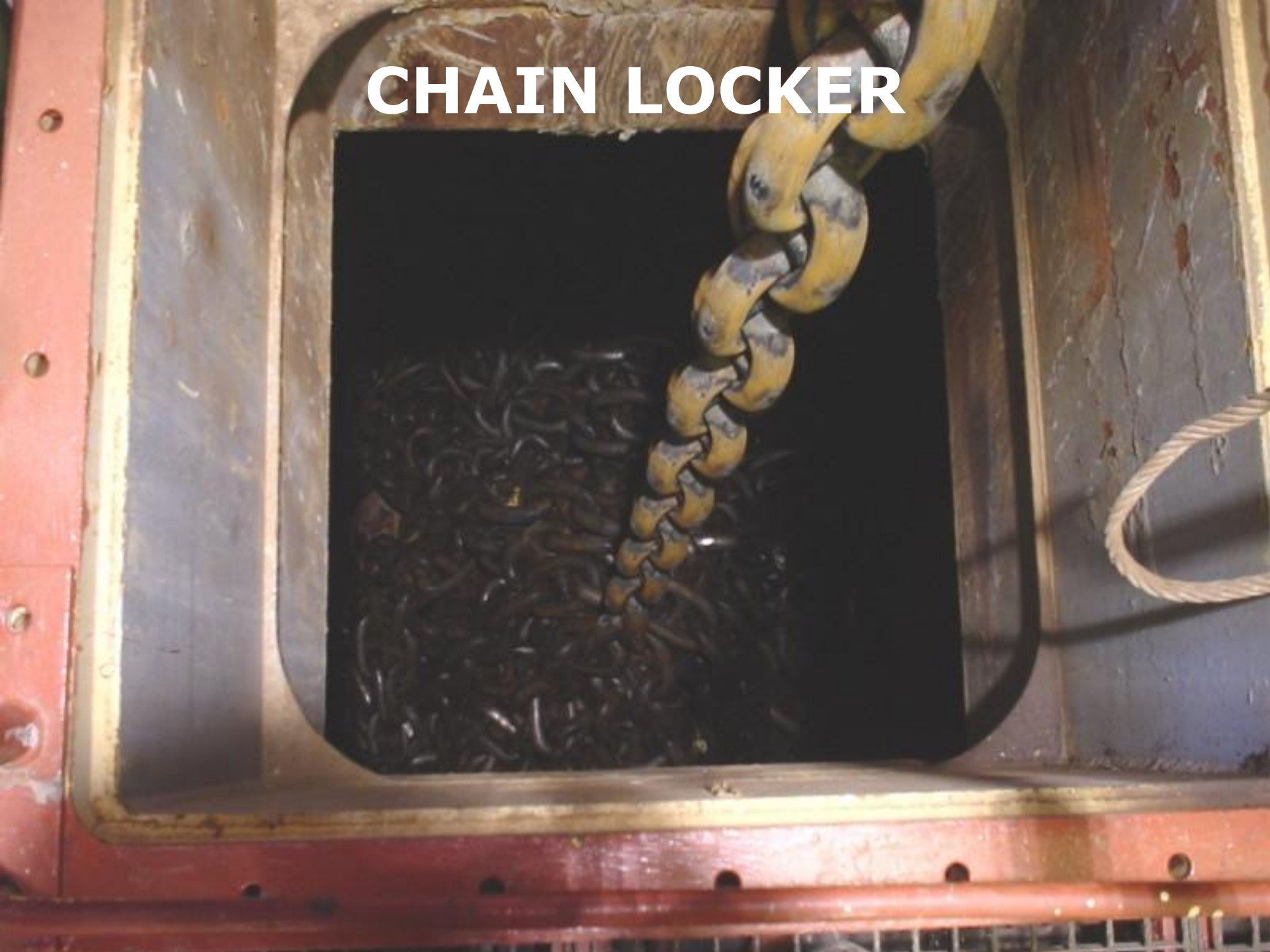
Forepeak.



The engine room

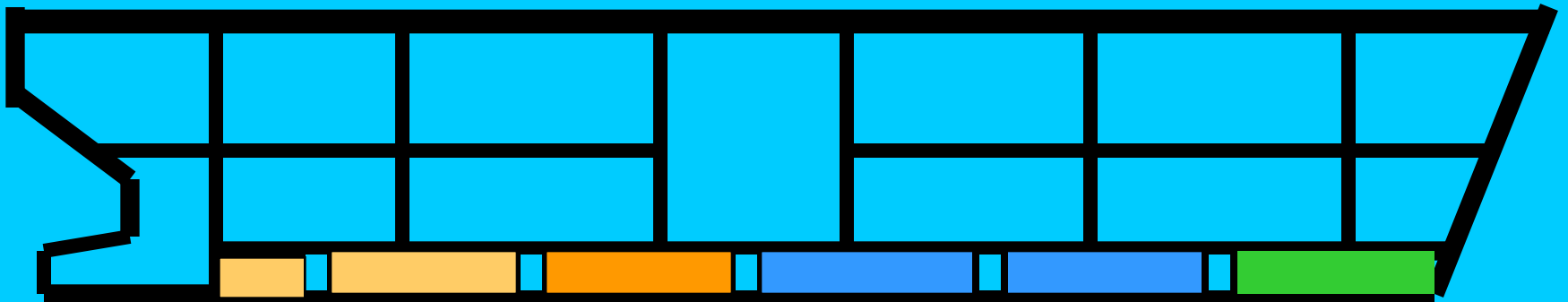


CHAIN LOCKER



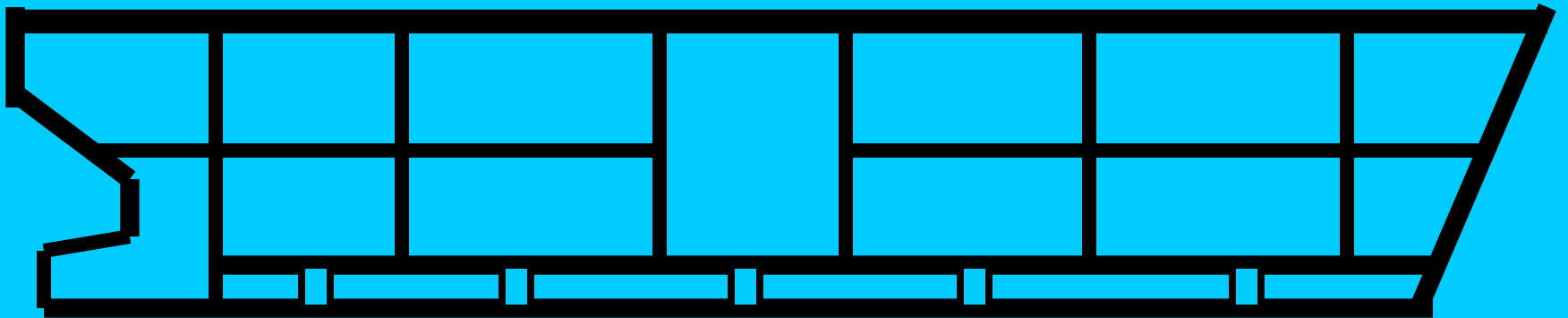
THE DOUBLE BOTTOM

The double bottom is for strength and provides *storage* for fuel, *lubricating* oil and waters.



COFFERDAMS

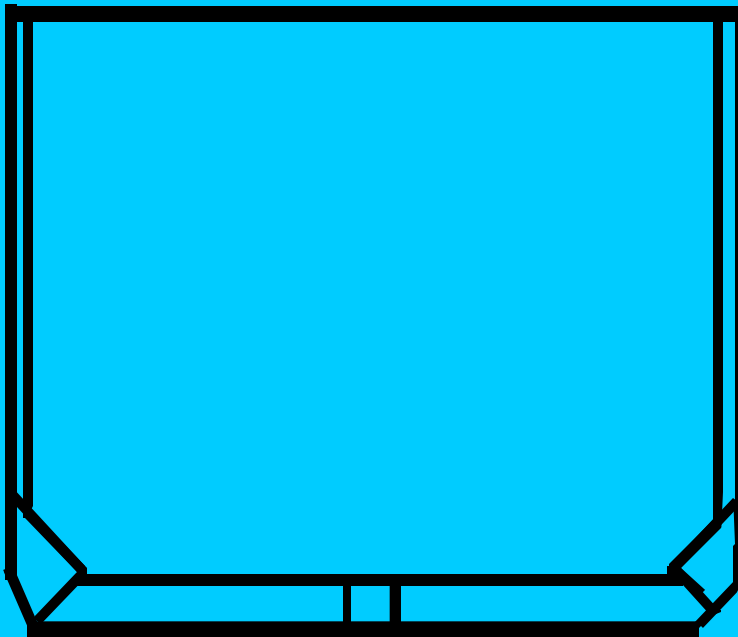
Cofferdams are *transverse* or *longitudinal* spaces between tanks that prevent leaking.



Transverse cofferdams.

CROSS SECTION

The *longitudinal* cofferdam runs fore to aft.



Longitudinal cofferdam.

The
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FINISHED

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