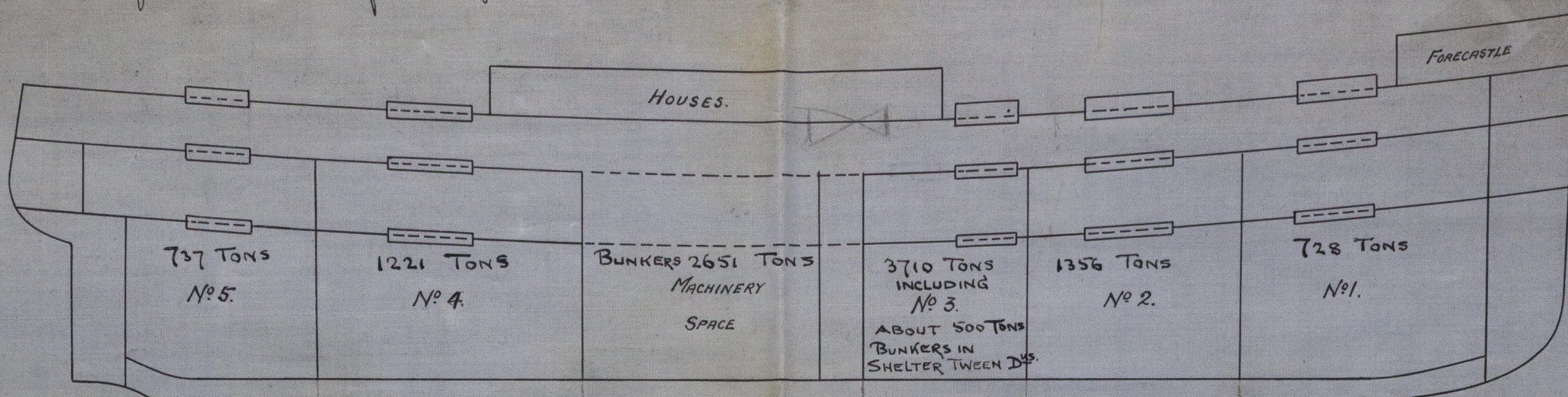


"Port Auckland"

1. Loading as at time of damage.

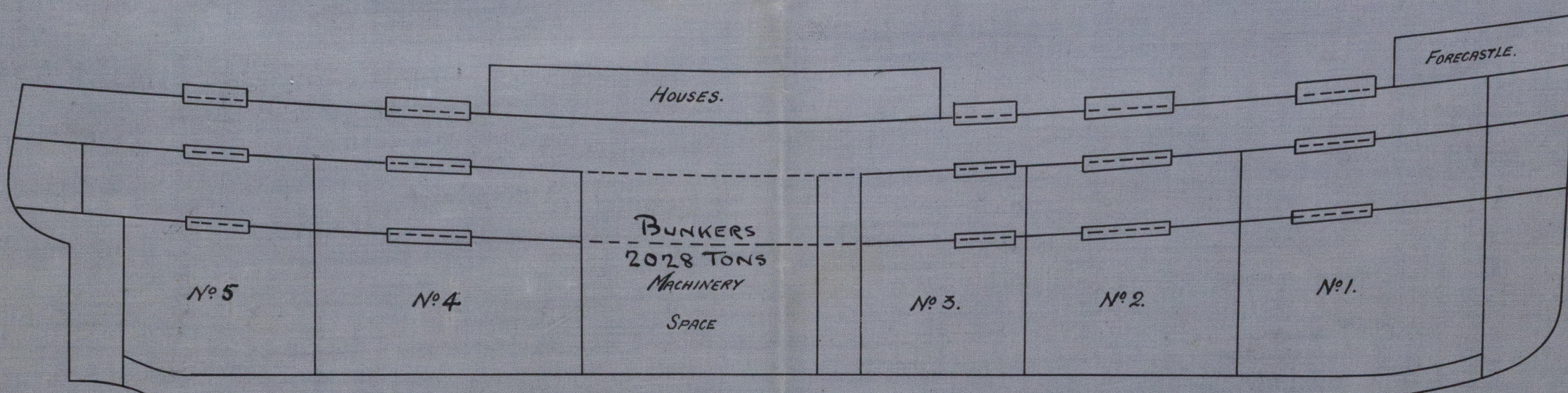


Draught 28'9" mean
Displacement 17900 tons

7252 tons Cargo
3151 " permanent +
reserve bunkers.
10403 tons

Sagging.
Maximum Bending Moment = 1260,000 foot-ton.
Compressive stress on Shelter Deck plating, corresponding thereto } = 8.9 tons per sq. inch.

2. Ballast Condition.

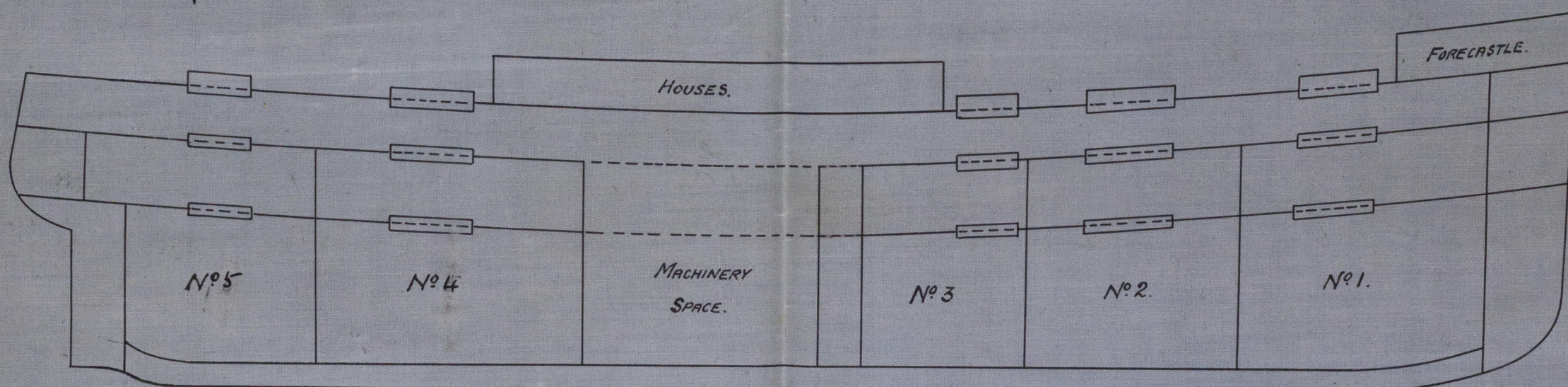


Draught 18'11" mean.
Displacement 11100 tons

2028 TONS bunkers.
Double Bottom Tanks and
After Peak Tank full.

Sagging.
Maximum Bending Moment = 170,000 foot-ton.
Compressive stress on Shelter Deck plating, corresponding thereto } = 5.8 tons per sq. inch.

3. Holds filled with homogeneous Cargo.

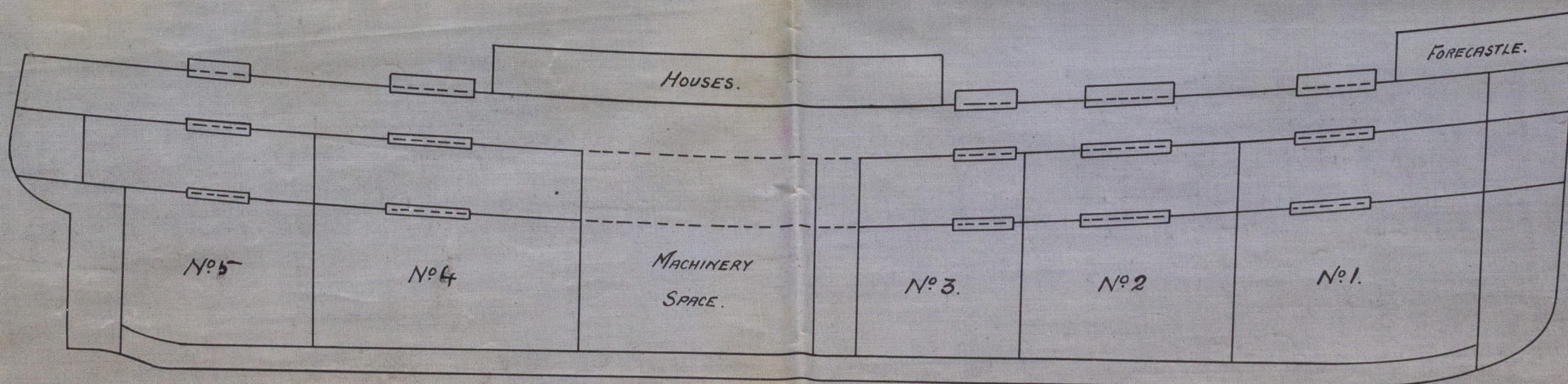


Draught 29'5" mean.
Displacement 18450 tons

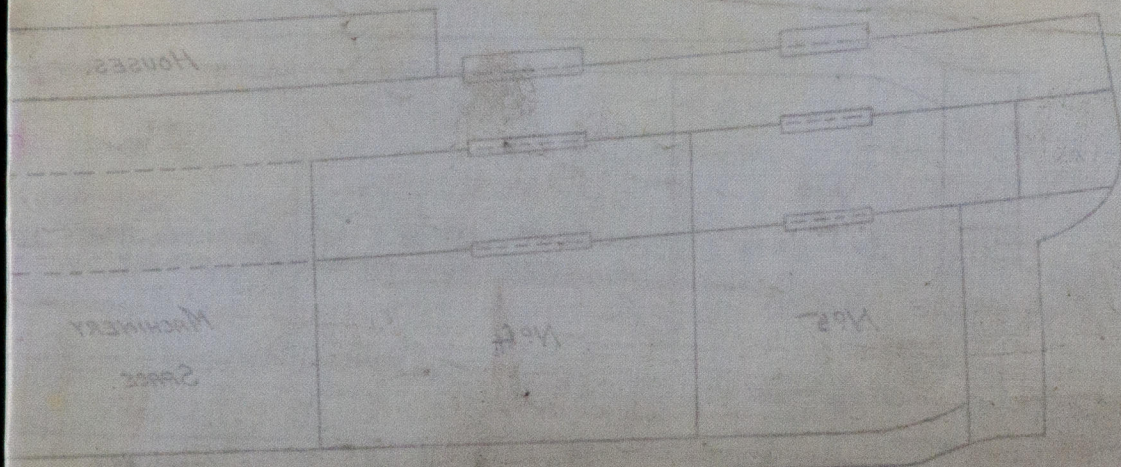
8702 tons Cargo
2028 " bunkers.
10730 tons

Sagging.
Maximum Bending Moment = 109,000 foot-ton.
Compressive stress on Shelter Deck plating, corresponding thereto } = 3.8 tons per sq. inch.

4. Loading as in Case 1.



Hogging.
Maximum Bending Moment = 68,000 foot-ton.
Tensile stress on Shelter Deck plating, corresponding thereto } = 2.4 tons per sq. inch.



PORT BOWEN

W210-0161



© 2020

Lloyd's Register
Foundation