

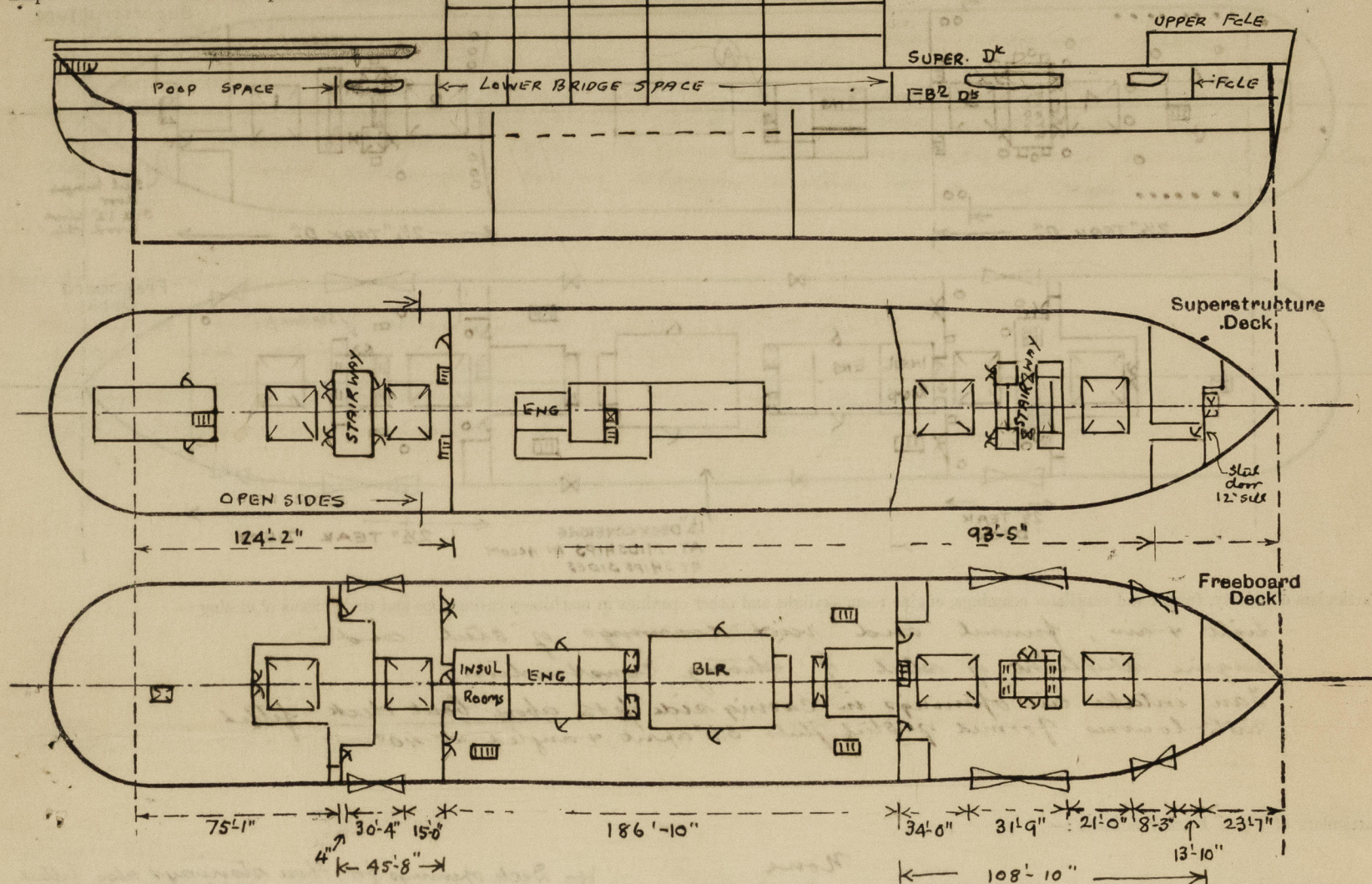
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name **"AMRA"** Port of Survey **Newcastle-upon-Tyne**
 Official Number **166600** Surveyor's Signature **W. J. Crang.**
 Nationality and Port of Registry **British London** Date of Survey **Whilst Building 10.38.**

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



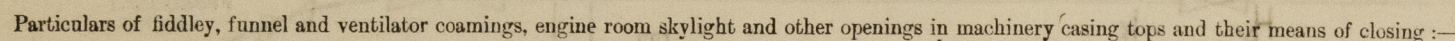
Particulars of Superstructures, Trunks, Casings, Deckhouses.

| | Coaming | Plating | Stiffeners | Spacing | End Attachments of Stiffeners | Size of Openings | Height of Sills | Height of Casings |
|---|---------|---|---|--------------|-------------------------------|--|-----------------|---------------------------------|
| Poop Bulkhead ... | | .34 ✓ | 6 x 3 x .36 J | 30" to 32" ✓ | lugged | 2 @ 5'-0" x 3'-0" | 18" ✓ | 8'-0" at Side 7'-9" at Cr. ✓ |
| Raised Quarter Deck Bulkhead ... | | .26 ✓ | 3" solid 1/2 rounds 3 x 3 x .30 3 1/2 x 3 x .30 | 30" ✓ | none | 1 at 5'-0" x 3'-0" to refing 16" 2 at 4'-7" x 5'-0" 12" fixed 9" hinged } 21" | Do | Do ✓ |
| Bridge, After Bulkhead ... | | .36 x .34 ✓ | 6 x 3 x .40 J | 30" ✓ | lugged | 2 at 4'-10" x 2'-9" | 18" ✓ | Do ✓ |
| Bridge, Forward Bulkhead ... | | .26 ✓ | 5 x 3 x .28 J | 24" ✓ | bracketed | none | ✓ | Do ✓ |
| Forecastle Bulkhead ... | | | | | | | | |
| Trunk, Aft ... | | | | ✓ | | | | |
| Trunk, Forward ... | | | | ✓ | | | | |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | | No exposed casings on freeboard deck ✓ | | | | | | |
| Exposed Machinery Casings on Superstructure Decks ... | | No exposed casings on superstructure dk ✓ | | | | | | |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | | .28 ✓ | 3 1/2 x 3 x .34 ✓ | 31" ✓ | riveted to beams at top | 4 @ 5'-6" x 2'-0" | 9" ✓ | Do ✓ |
| Deckhouses on Flush Deck Ships ... | | | | ✓ | | | | |

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

| | |
|---|---|
| Poop Bulkhead ... | Hinged steel doors operated from both sides 4 toggle ✓ |
| Raised Quarter Deck Bulkhead ... | ✓ |
| Bridge, After Bulkhead ... | Wood Insulated door, + hinged steel doors operated from both sides 4 double toggles and portable centre post. 4 slip bolts fitted. See sketch on back ✓ |
| Bridge, Forward Bulkhead ... | Hinged steel doors operated from both sides 4 Toggle ✓ |
| Forecastle Bulkhead ... | No openings ✓ |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks .. | ✓ |
| Exposed Machinery Casings on Superstructure Decks ... | ✓ |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | Hinged steel doors operated from both sides ✓ |
| Deckhouses on Flush Deck Ships ... | ✓ |

Amra.




Particulars of Flush Bunker Scuttles:—

← Deck openings for these stairways also fitted with 2 7/8" hinged wood covers with locking arrangements. → ✓

Particulars of Companionways:—

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :—


Superstructure deck aft

12'-6" \times 7' 6" vents 18" high
6'-5" " 18" 

Forecastle deck

1- 9" vent 18" \times 32
2- 25" dummy port vents \downarrow
Strong construction

Bridge deck on top of Superstructure deck

1- 25" vent 9'-0" \times 36 supported
1- 23" " 18" \times 34
3- 23" vent tubes 7'-6" \times 34 supported
2- 20" " 18" \times 32
2- 18" " 18" \times 32
3- 16" " 18" \times 20
1- 15" " 9'-0" \times 34 supported
2- 25" dummy port vents
9'-6" \times 7' 6" Vents 18" high
9'-5" " " " } 
16- 8' 4" S.N. Vents 18"

THERMOTRUNK VENTS

subsonic deck.

| | | |
|--------|-----------------|-------------------------|
| Ground | 2 at 12' 7 1/2" | 36" x 32' x 25' above ✓ |
| | 2 at 11' 9 1/2" | " " " ✓ |
| | 2 at 11' 8 1/2" | " " " ✓ |
| apt | 2 at 17' 1/3 | 36" x 32' x 25' above |
| | 2 at 18' 6 1/2" | " " " |

superstructure deck

| | | |
|--------|-----------------|-------------------------|
| Ground | 2 at 25' 2 1/2" | 36" x 40' x 36' above ✓ |
| HC | 2 at 26' 2 1/2" | 30" x 40' x 25' above |
| | 1 at 32' 7" | 30" x 32' x 32' above |
| | 2 at 18' 2 1/2" | 30" x 32' x 32' above |

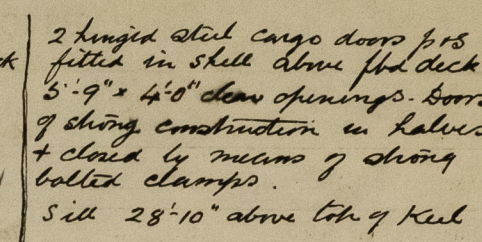
climbing appliances fitted to
all Vents except
4 Yoke Vents where previously
applied, not required.

| Faulboard D ^o . Ford | | | | FBD D ^o AIR PIPES INSIDE LOWER BRIDGE SPACE | | | | |
|---------------------------------|---|---|-------------------------|--|---|---|--|----------|
| 1- 3 $\frac{1}{2}$ " | " | " | N ^o 1 / 8 B. | 36" | " | ✓ | 2- 8 $\frac{1}{2}$ " air pipes to No 3 D.B. Tank | 36" high |
| 1- 4 $\frac{1}{2}$ " | " | " | N ^o 1 " | 36" | " | ✓ | 2- 4 $\frac{1}{2}$ " " " " No 4 " | 36" " |
| 2- 3 $\frac{1}{2}$ " | " | " | N ^o 2 " | 36" | " | ✓ | 2- 3 $\frac{1}{2}$ " " " " No 5 " | 36" " |
| 2- 4 $\frac{1}{2}$ " | " | " | " | 36" | " | ✓ | 2- 4 $\frac{1}{2}$ " " " " No 6 " | 36" " |
| 2- 4 $\frac{1}{2}$ " | " | " | N ^o 7 " | 36" | " | ✓ | 2- 3 $\frac{1}{2}$ " " " " No 7 " | 36" " |
| 1- 4 $\frac{1}{2}$ " | " | " | N ^o 8 " | 36" | " | ✓ | 2- 4 $\frac{1}{2}$ " " " " F.W. Tanks | 36" " |
| 1- 3 $\frac{1}{2}$ " | " | " | " | 18" | " | ✓ | 2- 2 $\frac{1}{2}$ " " " " | 36" " |
| 2- 2 $\frac{1}{2}$ " | " | " | off Peak | 18" | " | ✓ | | |

{ on fitted with ruggles thro' shell above
 the deck with storm valve at ship side

all air pipes fitted with closing appliances!

4 hinged steel coaling doors p+s above
foreboard deck in shell
 $2'6\frac{1}{4} \times 2'2\frac{1}{2}$ of strong
construction & closed by
2 strong backs
rolls 3" above line of the d.k.
Substantial steel frame filled round
deck openings
S.I.L. 98-72



Scuppers from wells of freeboard deck lead overboard below fbd deck, no storm valves!
 Scuppers & discharges from freeboard deck windships & aft leading overboard below freeboard deck have balanced brass storm valves at ship's sides!
 Scuppers & discharges from open superstructure deck lead overboard, no storm valves!
 Scuppers & discharges from open bridge deck on top of superstructure deck lead overboard below superstructure deck, no storm valves!
 Scuppers & discharges from bridge deck accommodation lead overboard below freeboard deck with balanced brass storm valves at ship's sides!
 Scuppers & discharges from accommodation on superstructure deck lead overboard below freeboard deck with balanced brass storm valves at ship's sides!
 Scuppers & discharges from upper accessible accommodation lead overboard below main deck with balanced brass storm valves at ship's sides!

Sidelights below Superstructure & foreboard decks fitted with strong hinged deadlights. ✓
Sidelights above Superstructure deck have no deadlights windships.
Upper Forecabin sidelights fitted with strong hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel..... 25' 11

| | | | | | |
|---|---|-------------------------------|------------|--------------------------------|-------------|
| Upper Forecastle Deck | - | 3 tier rails | 3'-6" high | + stanchions about 4'-6" apart | ✓ |
| Bridg ^g or Superstructure Deck | - | 4 tier rails | 3'-6" " | " " 5'-0" " | ✓ |
| Superstructure Deck | - | Strongly constructed bulwarks | | | 3'-9½" high |
| Foreboard Deck | - | " | " | " | 3'-9½" " |

Particulars of Gangways, Lifelines, etc. :—

not necessary

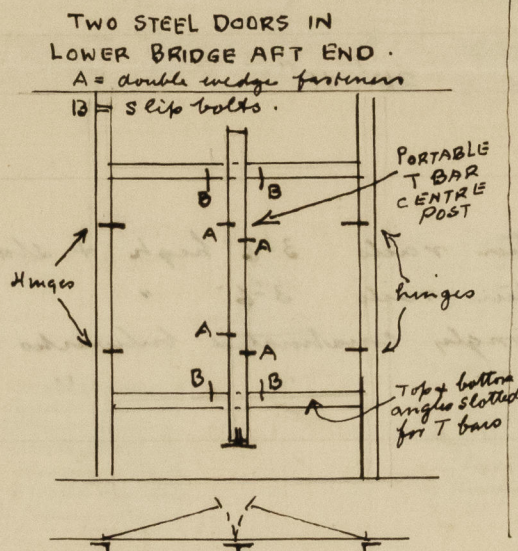
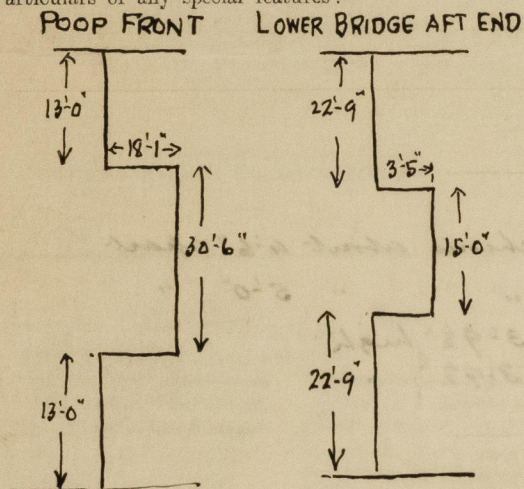
| Particulars of Freeing Arrangements. | | | | | | |
|--|---|-------------------|--|------------------|--------------------|---------------------|
| | Length of Bulwark | Height of Bulwark | Size of Freeing Ports | Number each side | Area each side | Rule area each side |
| After Well | <i>Superstructure 8"</i> 124'2" | 3'9 1/2" | 3'0" x 1'6" ✓ | 3 ✓ | 13'5" ✓ | |
| | <i>Freeboard 8"</i> 45'8" | 3'9 1/2" | 2'2" x 1'6" ✓ 2'6" x 1'6" ✓ | 1 ✓ | 3'24" ✓ 3'75" ✓ | 7.13 ✓ |
| Forward Well | <i>Superstructure 8"</i> 93'5" | 3'9 1/2" | 3'0" x 1'6" ✓ 2'2" x 1'8" ✓ | 2 ✓ 1 ✓ | 9'0" ✓ 3'74" ✓ | 12.74 ✓ |
| | <i>Freeboard 8"</i> 108'10" | 3'9 1/2" | 2'6" x 1'6" ✓ 2'2" x 1'6" ✓ | 1 ✓ | 3'75" ✓ 3'87" ✓ | 7.62 ✓ |
| State position of each freeing port | ... | ... | <i>Superstructure 8"- 8'10", 58'2", 86'5" aft of fore. end of hull</i> <i>Freeboard 8"- 4'5", 41'10", " " " "</i> | | | 9" above wood deck |
| (F. and A. position and height above deck edge) | ... | ... | <i>Forward Well: Superstructure 8"- 1'6", 38'2", 64'4" fore of bridge frame.</i> <i>Freeboard 8"- 18'6", 65'1", " " aft end of well</i> | | | 9'11" " " " |
| State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— | <i>Superstructure all freeing ports fitted with vertical bars 9" apart ✓</i> <i>Freeboard all " " " " 1 hor. bar & hinged plate shutters ✓</i> | | | | | |
| Additional area where sheer is less than standard. | | | | | | |

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | | | | |
|--|----------------------|-------------------|---------------|--------------------|---------------|----------------|---------------|-------------------------------------|--------------|--------------|
| ← SUPERSTRUCTURE DECK → | | | | ← FREEBOARD DECK → | | | | ← FREEBOARD INSIDE SUPERSTRUCTURE → | | |
| Description of Hatchway | N°1 | N°2 | N°3 | N°4 | N°1 | N°2 | N°3 | N°4 | COAL HATCH | COAL HATCHES |
| Dimensions of Hatchway | 20'3" x 16'0" | 25'10" x 16'0" | 18'1" x 16'0" | 18'1" x 16'0" | 20'3" x 16'0" | 25'10" x 16'0" | 18'1" x 16'0" | 18'1" x 16'0" | 5'2" x 16'0" | 5'2" x 9'0" |
| COAMINGS | Height above Deck | 30" ✓ | 30" ✓ | 30" ✓ | 30" ✓ | 30" ✓ | 30" ✓ | 30" ✓ | 30" ✓ | 30" ✓ |
| | Thickness | 44 ✓ | 44 ✓ | 44 ✓ | 44 ✓ | 40 ✓ | 40 ✓ | 40 ✓ | 44 ✓ | 44 ✓ |
| | Sides | 44 ✓ | 44 ✓ | 44 ✓ | 44 ✓ | 40 ✓ | 40 ✓ | 40 ✓ | 44 ✓ | 44 ✓ |
| | Stiffeners | 9 x 3 1/2 x 4 3/8 | 9" 7 | 9" 7 | 9" 7 | 9" 7 | 9" 7 | 9" 7 | ✓ | ✓ |
| HATCH BEAMS | Brackets, Stays | 2 ✓ | 2 ✓ | 1 ✓ | 1 ✓ | 2 ✓ | 2 ✓ | 1 ✓ | ✓ | ✓ |
| | Number | 3 | 4 | 3 | 3 | 4 | 3 | 3 | | |
| | Spacing | 5'0 3/4 | 5'2" | 4'6 1/4 | 4'6 1/4 | 5'0 3/4 | 5'2" | 4'6 1/4 | | |
| | Scantling and Sketch | I ✓ | I ✓ | I ✓ | I ✓ | I ✓ | I ✓ | I ✓ | | |
| <div> <div>16" x 6" x 50 lb</div> <div>14" x 5 1/2" x 40 lb</div> <div>14" x 5 1/2" x 40 lb</div> </div> <div> <div>port</div> <div>port</div> <div>port</div> </div> <div> <div>all roller beams</div> <div>port</div> <div>port</div> </div> | | | | | | | | | | |
| Bearing Surface | | | | | | | | | | |
| 4" ✓ 4" ✓ 4" ✓ 4" ✓ 4" ✓ 4" ✓ 4" ✓ 4" ✓ 4" ✓ 4" ✓ | | | | | | | | | | |
| FORE AND AFTERS | Number | | | | | | | | | |
| | Spacing | | | | | | | | | |
| | Unsupported Lengths | | | | | | | | | |
| | Scantling and Sketch | | | | | | | | | |
| Bearing Surface | | | | | | | | | | |
| None | | | | | | | | | | |
| HATCH COVERS | Material | Wood | Wood | Wood | Wood | Wood | Wood | Wood | Wood | Wood |
| | Thickness | 3" ✓ | 3" ✓ | 3" ✓ | 3" ✓ | 2 1/2" ✓ | 2 1/2" ✓ | 2 1/2" ✓ | 2 1/2" ✓ | 2 1/2" ✓ |
| | How fitted | F+A | F+A | F+A | F+A | F+A | F+A | F+A | F+A | F+A |
| | Bearing Surface | 3" x 2 3/4 | 3" x 2 3/4 | 3" x 2 1/2 | 3" x 2 1/2 | 3" x 2 1/2 | 3" x 2 1/2 | 3" x 2 1/2 | 2 1/2 | 2 1/2 |
| Spacing of Cleats | 24" | 24" | 24" | 24" | 24" | 24" | 24" | 24" | 24" | 24" |
| Number of Tarpaulins | 2 ✓ | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| <p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? Yes</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? Yes</p> <p>Are lashings provided in accordance with rule requirements? Yes</p> | | | | | | | | | | |

SMALL HATCHES

Particulars of any special features:—



SUPERSTRUCTURE D^K

- TO FORE PEAK: 2'0" x 2'6" INSIDE ENCLOSED UPPER FOLE coaming 2 1/2" x 32" 2 1/2" wood hatch 2 1/2" bearing surface no tarpaulins or battening arrangements
- TO GALLEY COAL: 2'0" x 2'0" WITHIN LINE OF CASINGS INSIDE BRIDGE SPACE 2 1/2" wood hatch coaming 2 1/2" x 32 2 1/2" bearing surface no tarpaulins or battening arrangements

FREEBOARD D^K

- TO AFT PEAK: 4'0" x 3'0 1/4" INSIDE ENCLOSED POOP SPACE AFT. coaming 7 1/2" x 38 2 1/2" wood hatch 2 1/2" bearing surface cleats 16" to 21" 1 tarpaulin

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.

W. J. Craig
10.10.38

Bridge After End
Equivalent Bulkhead

$$\frac{3.42 \times 15.0}{60.5} = .85 \quad \text{Bridge } 186.83$$

$$- .85$$

$$\hline 185.98$$



© 2020

Lloyd's Register
Foundation