





|  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|
| WEB FRAMES.  |  |  |  |  |  |  |  |  |  | FORGINGS or CASTINGS.   |  |  |  |  |  |  |  |  |  |
| WEB FRAMES, In Fore Body, No. and spacing                              |  |  |  |  |  |  |  |  |  | KEEL, Bar, depth and thickness  |  |  |  |  |  |  |  |  |  |
| No. of Side Stringers  |  |  |  |  |  |  |  |  |  | STEM, moulding and thickness  |  |  |  |  |  |  |  |  |  |
| WEB FRAMES, In E. & B. Space, No. and spacing                          |  |  |  |  |  |  |  |  |  | STERN-POST for Rudder do. do.   |  |  |  |  |  |  |  |  |  |
| No. of Side Stringers  |  |  |  |  |  |  |  |  |  | " for Propeller   |  |  |  |  |  |  |  |  |  |
| WEB FRAMES, In After Body, No. and spacing                             |  |  |  |  |  |  |  |  |  | RUDDER-A x D Table 22. Speed  |  |  |  |  |  |  |  |  |  |
| No. of Side Stringers  |  |  |  |  |  |  |  |  |  | Main-Piece, diameter at head  |  |  |  |  |  |  |  |  |  |
| Size of Face Angles to Web-Frames                                      |  |  |  |  |  |  |  |  |  | " at heel   |  |  |  |  |  |  |  |  |  |
| BRACKET PLATES to Stringers between Web Frames, depth and thickness    |  |  |  |  |  |  |  |  |  | RUDDER, how constructed   |  |  |  |  |  |  |  |  |  |
| BULKHEADS.   |  |  |  |  |  |  |  |  |  | " Thickness of Single Plate   |  |  |  |  |  |  |  |  |  |
| Vessel. Per Rule.  |  |  |  |  |  |  |  |  |  | Can the Rudder be unshipped afloat?   |  |  |  |  |  |  |  |  |  |
| W.T. BULKHEADS   |  |  |  |  |  |  |  |  |  | Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? |  |  |  |  |  |  |  |  |  |
| AFT. FR. 6.  |  |  |  |  |  |  |  |  |  | Durham & Co.  |  |  |  |  |  |  |  |  |  |
| A. 28  |  |  |  |  |  |  |  |  |  | Has the Steel been tested as required by the Rules?   |  |  |  |  |  |  |  |  |  |
| A. 69  |  |  |  |  |  |  |  |  |  | Riveting.   |  |  |  |  |  |  |  |  |  |
| PARTITION  |  |  |  |  |  |  |  |  |  | Riveting.   |  |  |  |  |  |  |  |  |  |
| LONGITUDINAL.  |  |  |  |  |  |  |  |  |  | Riveting.   |  |  |  |  |  |  |  |  |  |
| Are the outside Plates doubled two spaces of Frames in length?         |  |  |  |  |  |  |  |  |  | Riveting.   |  |  |  |  |  |  |  |  |  |
| Are the Stille Valves and Watertight Doors in efficient working order? |  |  |  |  |  |  |  |  |  | Riveting.   |  |  |  |  |  |  |  |  |  |
| PLATING.   |  |  |  |  |  |  |  |  |  | RIVETING.   |  |  |  |  |  |  |  |  |  |
| STRAKES.   |  |  |  |  |  |  |  |  |  | EDGES.  |  |  |  |  |  |  |  |  |  |
| AS IN SHIP.  |  |  |  |  |  |  |  |  |  | ORDINARY or Joggled?  |  |  |  |  |  |  |  |  |  |
| PER RULE OR AS APPROVED.   |  |  |  |  |  |  |  |  |  | BUTTS.  |  |  |  |  |  |  |  |  |  |
| AMIDSHIP.  |  |  |  |  |  |  |  |  |  | IF LAPPED.  |  |  |  |  |  |  |  |  |  |
| Breadth. Thickness.  |  |  |  |  |  |  |  |  |  | Breadth. Thickness.   |  |  |  |  |  |  |  |  |  |
| FLAT PLATE KEEL  |  |  |  |  |  |  |  |  |  | FLAT PLATE KEEL   |  |  |  |  |  |  |  |  |  |
| GARBOARD or A Strake   |  |  |  |  |  |  |  |  |  | GARBOARD or A Strake  |  |  |  |  |  |  |  |  |  |
| B  |  |  |  |  |  |  |  |  |  | B   |  |  |  |  |  |  |  |  |  |
| C  |  |  |  |  |  |  |  |  |  | C   |  |  |  |  |  |  |  |  |  |
| D  |  |  |  |  |  |  |  |  |  | D   |  |  |  |  |  |  |  |  |  |
| E  |  |  |  |  |  |  |  |  |  | E   |  |  |  |  |  |  |  |  |  |
| F  |  |  |  |  |  |  |  |  |  | F   |  |  |  |  |  |  |  |  |  |
| G  |  |  |  |  |  |  |  |  |  | G   |  |  |  |  |  |  |  |  |  |
| H  |  |  |  |  |  |  |  |  |  | H   |  |  |  |  |  |  |  |  |  |
| I  |  |  |  |  |  |  |  |  |  | I   |  |  |  |  |  |  |  |  |  |
| J  |  |  |  |  |  |  |  |  |  | J   |  |  |  |  |  |  |  |  |  |
| K  |  |  |  |  |  |  |  |  |  | K   |  |  |  |  |  |  |  |  |  |
| L  |  |  |  |  |  |  |  |  |  | L   |  |  |  |  |  |  |  |  |  |
| M  |  |  |  |  |  |  |  |  |  | M   |  |  |  |  |  |  |  |  |  |
| N  |  |  |  |  |  |  |  |  |  | N   |  |  |  |  |  |  |  |  |  |
| O  |  |  |  |  |  |  |  |  |  | O   |  |  |  |  |  |  |  |  |  |
| P  |  |  |  |  |  |  |  |  |  | P   |  |  |  |  |  |  |  |  |  |
| Q  |  |  |  |  |  |  |  |  |  | Q   |  |  |  |  |  |  |  |  |  |
| R  |  |  |  |  |  |  |  |  |  | R   |  |  |  |  |  |  |  |  |  |
| S  |  |  |  |  |  |  |  |  |  | S   |  |  |  |  |  |  |  |  |  |
| T  |  |  |  |  |  |  |  |  |  | T   |  |  |  |  |  |  |  |  |  |
| U  |  |  |  |  |  |  |  |  |  | U   |  |  |  |  |  |  |  |  |  |
| V  |  |  |  |  |  |  |  |  |  | V   |  |  |  |  |  |  |  |  |  |
| W  |  |  |  |  |  |  |  |  |  | W   |  |  |  |  |  |  |  |  |  |
| X  |  |  |  |  |  |  |  |  |  | X   |  |  |  |  |  |  |  |  |  |
| Y  |  |  |  |  |  |  |  |  |  | Y   |  |  |  |  |  |  |  |  |  |
| Z  |  |  |  |  |  |  |  |  |  | Z   |  |  |  |  |  |  |  |  |  |
| AA   |  |  |  |  |  |  |  |  |  | AA  |  |  |  |  |  |  |  |  |  |
| AB   |  |  |  |  |  |  |  |  |  | AB  |  |  |  |  |  |  |  |  |  |
| AC   |  |  |  |  |  |  |  |  |  | AC  |  |  |  |  |  |  |  |  |  |
| AD   |  |  |  |  |  |  |  |  |  | AD  |  |  |  |  |  |  |  |  |  |
| AE   |  |  |  |  |  |  |  |  |  | AE  |  |  |  |  |  |  |  |  |  |
| AF   |  |  |  |  |  |  |  |  |  | AF  |  |  |  |  |  |  |  |  |  |
| AG   |  |  |  |  |  |  |  |  |  | AG  |  |  |  |  |  |  |  |  |  |
| AH   |  |  |  |  |  |  |  |  |  | AH  |  |  |  |  |  |  |  |  |  |
| AI   |  |  |  |  |  |  |  |  |  | AI  |  |  |  |  |  |  |  |  |  |
| AJ   |  |  |  |  |  |  |  |  |  | AJ  |  |  |  |  |  |  |  |  |  |
| AK   |  |  |  |  |  |  |  |  |  | AK  |  |  |  |  |  |  |  |  |  |
| AL   |  |  |  |  |  |  |  |  |  | AL  |  |  |  |  |  |  |  |  |  |
| AM   |  |  |  |  |  |  |  |  |  | AM  |  |  |  |  |  |  |  |  |  |
| AN   |  |  |  |  |  |  |  |  |  | AN  |  |  |  |  |  |  |  |  |  |
| AO   |  |  |  |  |  |  |  |  |  | AO  |  |  |  |  |  |  |  |  |  |
| AP   |  |  |  |  |  |  |  |  |  | AP  |  |  |  |  |  |  |  |  |  |
| AQ   |  |  |  |  |  |  |  |  |  | AQ  |  |  |  |  |  |  |  |  |  |
| AR   |  |  |  |  |  |  |  |  |  | AR  |  |  |  |  |  |  |  |  |  |
| AS   |  |  |  |  |  |  |  |  |  | AS  |  |  |  |  |  |  |  |  |  |
| AT   |  |  |  |  |  |  |  |  |  | AT  |  |  |  |  |  |  |  |  |  |
| AU   |  |  |  |  |  |  |  |  |  | AU  |  |  |  |  |  |  |  |  |  |
| AV   |  |  |  |  |  |  |  |  |  | AV  |  |  |  |  |  |  |  |  |  |
| AW   |  |  |  |  |  |  |  |  |  | AW  |  |  |  |  |  |  |  |  |  |
| AX   |  |  |  |  |  |  |  |  |  | AX  |  |  |  |  |  |  |  |  |  |
| AY   |  |  |  |  |  |  |  |  |  | AY  |  |  |  |  |  |  |  |  |  |
| AZ   |  |  |  |  |  |  |  |  |  | AZ  |  |  |  |  |  |  |  |  |  |
| BA   |  |  |  |  |  |  |  |  |  | BA  |  |  |  |  |  |  |  |  |  |
| BB   |  |  |  |  |  |  |  |  |  | BB  |  |  |  |  |  |  |  |  |  |
| BC   |  |  |  |  |  |  |  |  |  | BC  |  |  |  |  |  |  |  |  |  |
| BD   |  |  |  |  |  |  |  |  |  | BD  |  |  |  |  |  |  |  |  |  |
| BE   |  |  |  |  |  |  |  |  |  | BE  |  |  |  |  |  |  |  |  |  |
| BF   |  |  |  |  |  |  |  |  |  | BF  |  |  |  |  |  |  |  |  |  |
| BG   |  |  |  |  |  |  |  |  |  | BG  |  |  |  |  |  |  |  |  |  |
| BH   |  |  |  |  |  |  |  |  |  | BH  |  |  |  |  |  |  |  |  |  |
| BI   |  |  |  |  |  |  |  |  |  | BI  |  |  |  |  |  |  |  |  |  |
| BJ   |  |  |  |  |  |  |  |  |  | BJ  |  |  |  |  |  |  |  |  |  |
| BK   |  |  |  |  |  |  |  |  |  | BK  |  |  |  |  |  |  |  |  |  |
| BL   |  |  |  |  |  |  |  |  |  | BL  |  |  |  |  |  |  |  |  |  |
| BM   |  |  |  |  |  |  |  |  |  | BM  |  |  |  |  |  |  |  |  |  |
| BN   |  |  |  |  |  |  |  |  |  | BN  |  |  |  |  |  |  |  |  |  |
| BO   |  |  |  |  |  |  |  |  |  | BO  |  |  |  |  |  |  |  |  |  |
| BP   |  |  |  |  |  |  |  |  |  | BP  |  |  |  |  |  |  |  |  |  |
| BQ   |  |  |  |  |  |  |  |  |  | BQ  |  |  |  |  |  |  |  |  |  |
| BR   |  |  |  |  |  |  |  |  |  | BR  |  |  |  |  |  |  |  |  |  |
| BS   |  |  |  |  |  |  |  |  |  | BS  |  |  |  |  |  |  |  |  |  |
| BT   |  |  |  |  |  |  |  |  |  | BT  |  |  |  |  |  |  |  |  |  |
| BU   |  |  |  |  |  |  |  |  |  | BU  |  |  |  |  |  |  |  |  |  |
| BV   |  |  |  |  |  |  |  |  |  | BV  |  |  |  |  |  |  |  |  |  |
| BW   |  |  |  |  |  |  |  |  |  | BW  |  |  |  |  |  |  |  |  |  |
| BX   |  |  |  |  |  |  |  |  |  | BX  |  |  |  |  |  |  |  |  |  |
| BY   |  |  |  |  |  |  |  |  |  | BY  |  |  |  |  |  |  |  |  |  |
| BZ   |  |  |  |  |  |  |  |  |  | BZ  |  |  |  |  |  |  |  |  |  |
| CA   |  |  |  |  |  |  |  |  |  | CA  |  |  |  |  |  |  |  |  |  |
| CB   |  |  |  |  |  |  |  |  |  | CB  |  |  |  |  |  |  |  |  |  |
| CC   |  |  |  |  |  |  |  |  |  | CC  |  |  |  |  |  |  |  |  |  |
| CD   |  |  |  |  |  |  |  |  |  | CD  |  |  |  |  |  |  |  |  |  |
| CE   |  |  |  |  |  |  |  |  |  | CE  |  |  |  |  |  |  |  |  |  |
| CF   |  |  |  |  |  |  |  |  |  | CF  |  |  |  |  |  |  |  |  |  |
| CG   |  |  |  |  |  |  |  |  |  | CG  |  |  |  |  |  |  |  |  |  |
| CH   |  |  |  |  |  |  |  |  |  | CH  |  |  |  |  |  |  |  |  |  |
| CI   |  |  |  |  |  |  |  |  |  | CI  |  |  |  |  |  |  |  |  |  |
| CJ   |  |  |  |  |  |  |  |  |  | CJ  |  |  |  |  |  |  |  |  |  |
| CK   |  |  |  |  |  |  |  |  |  | CK  |  |  |  |  |  |  |  |  |  |
| CL   |  |  |  |  |  |  |  |  |  | CL  |  |  |  |  |  |  |  |  |  |
| CM   |  |  |  |  |  |  |  |  |  | CM  |  |  |  |  |  |  |  |  |  |
| CN   |  |  |  |  |  |  |  |  |  | CN  |  |  |  |  |  |  |  |  |  |
| CO   |  |  |  |  |  |  |  |  |  | CO  |  |  |  |  |  |  |  |  |  |
| CP   |  |  |  |  |  |  |  |  |  | CP  |  |  |  |  |  |  |  |  |  |
| CQ   |  |  |  |  |  |  |  |  |  | CQ  |  |  |  |  |  |  |  |  |  |
| CR   |  |  |  |  |  |  |  |  |  | CR  |  |  |  |  |  |  |  |  |  |
| CS   |  |  |  |  |  |  |  |  |  | CS  |  |  |  |  |  |  |  |  |  |
| CT   |  |  |  |  |  |  |  |  |  | CT  |  |  |  |  |  |  |  |  |  |
| CU   |  |  |  |  |  |  |  |  |  | CU  |  |  |  |  |  |  |  |  |  |
| CV   |  |  |  |  |  |  |  |  |  | CV  |  |  |  |  |  |  |  |  |  |
| CW   |  |  |  |  |  |  |  |  |  | CW  |  |  |  |  |  |  |  |  |  |
| CX   |  |  |  |  |  |  |  |  |  | CX  |  |  |  |  |  |  |  |  |  |
| CY   |  |  |  |  |  |  |  |  |  | CY  |  |  |  |  |  |  |  |  |  |
| CZ   |  |  |  |  |  |  |  |  |  | CZ  |  |  |  |  |  |  |  |  |  |
| DA   |  |  |  |  |  |  |  |  |  | DA  |  |  |  |  |  |  |  |  |  |
| DB   |  |  |  |  |  |  |  |  |  | DB  |  |  |  |  |  |  |  |  |  |
| DC   |  |  |  |  |  |  |  |  |  | DC  |  |  |  |  |  |  |  |  |  |
| DD   |  |  |  |  |  |  |  |  |  | DD  |  |  |  |  |  |  |  |  |  |
| DE   |  |  |  |  |  |  |  |  |  | DE  |  |  |  |  |  |  |  |  |  |
| DF   |  |  |  |  |  |  |  |  |  | DF  |  |  |  |  |  |  |  |  |  |
| DG   |  |  |  |  |  |  |  |  |  | DG  |  |  |  |  |  |  |  |  |  |
| DH   |  |  |  |  |  |  |  |  |  | DH  |  |  |  |  |  |  |  |  |  |
| DI   |  |  |  |  |  |  |  |  |  | DI  |  |  |  |  |  |  |  |  |  |
| DJ   |  |  |  |  |  |  |  |  |  | DJ  |  |  |  |  |  |  |  |  |  |
| DK   |  |  |  |  |  |  |  |  |  | DK  |  |  |  |  |  |  |  |  |  |
| DL   |  |  |  |  |  |  |  |  |  | DL  |  |  |  |  |  |  |  |  |  |
| DM   |  |  |  |  |  |  |  |  |  | DM  |  |  |  |  |  |  |  |  |  |
| DN   |  |  |  |  |  |  |  |  |  | DN  |  |  |  |  |  |  |  |  |  |
| DO   |  |  |  |  |  |  |  |  |  | DO  |  |  |  |  |  |  |  |  |  |
| DP   |  |  |  |  |  |  |  |  |  | DP  |  |  |  |  |  |  |  |  |  |
| DQ   |  |  |  |  |  |  |  |  |  | DQ  |  |  |  |  |  |  |  |  |  |
| DR   |  |  |  |  |  |  |  |  |  | DR  |  |  |  |  |  |  |  |  |  |
| DS   |  |  |  |  |  |  |  |  |  | DS  |  |  |  |  |  |  |  |  |  |
| DT   |  |  |  |  |  |  |  |  |  | DT  |  |  |  |  |  |  |  |  |  |
| DU   |  |  |  |  |  |  |  |  |  | DU  |  |  |  |  |  |  |  |  |  |
| DV   |  |  |  |  |  |  |  |  |  | DV  |  |  |  |  |  |  |  |  |  |
| DW   |  |  |  |  |  |  |  |  |  | DW  |  |  |  |  |  |  |  |  |  |
| DX   |  |  |  |  |  |  |  |  |  | DX  |  |  |  |  |  |  |  |  |  |
| DY   |  |  |  |  |  |  |  |  |  | DY  |  |  |  |  |  |  |  |  |  |
| DZ   |  |  |  |  |  |  |  |  |  | DZ  |  |  |  |  |  |  |  |  |  |
| EA   |  |  |  |  |  |  |  |  |  | EA  |  |  |  |  |  |  |  |  |  |
| EB   |  |  |  |  |  |  |  |  |  | EB  |  |  |  |  |  |  |  |  |  |
| EC   |  |  |  |  |  |  |  |  |  | EC  |  |  |  |  |  |  |  |  |  |
| ED   |  |  |  |  |  |  |  |  |  | ED  |  |  |  |  |  |  |  |  |  |
| EE   |  |  |  |  |  |  |  |  |  | EE  |  |  |  |  |  |  |  |  |  |
| EF   |  |  |  |  |  |  |  |  |  | EF  |  |  |  |  |  |  |  |  |  |
| EG   |  |  |  |  |  |  |  |  |  | EG  |  |  |  |  |  |  |  |  |  |
| EH   |  |  |  |  |  |  |  |  |  | EH  |  |  |  |  |  |  |  |  |  |
| EI   |  |  |  |  |  |  |  |  |  | EI  |  |  |  |  |  |  |  |  |  |
| EJ   |  |  |  |  |  |  |  |  |  | EJ  |  |  |  |  |  |  |  |  |  |
| EK   |  |  |  |  |  |  |  |  |  | EK  |  |  |  |  |  |  |  |  |  |
| EL   |  |  |  |  |  |  |  |  |  | EL  |  |  |  |  |  |  |  |  |  |
| EM   |  |  |  |  |  |  |  |  |  | EM  |  |  |  |  |  |  |  |  |  |
| EN   |  |  |  |  |  |  |  |  |  | EN  |  |  |  |  |  |  |  |  |  |
| EO   |  |  |  |  |  |  |  |  |  | EO  |  |  |  |  |  |  |  |  |  |
| EP   |  |  |  |  |  |  |  |  |  | EP  |  |  |  |  |  |  |  |  |  |
| EQ   |  |  |  |  |  |  |  |  |  | EQ  |  |  |  |  |  |  |  |  |  |
| ER   |  |  |  |  |  |  |  |  |  | ER  |  |  |  |  |  |  |  |  |  |
| ES   |  |  |  |  |  |  |  |  |  | ES  |  |  |  |  |  |  |  |  |  |
| ET   |  |  |  |  |  |  |  |  |  | ET  |  |  |  |  |  |  |  |  |  |
| EU   |  |  |  |  |  |  |  |  |  | EU  |  |  |  |  |  |  |  |  |  |
| EV   |  |  |  |  |  |  |  |  |  | EV  |  |  |  |  |  |  |  |  |  |
| EW   |  |  |  |  |  |  |  |  |  | EW  |  |  |  |  |  |  |  |  |  |
| EX   |  |  |  |  |  |  |  |  |  | EX  |  |  |  |  |  |  |  |  |  |
| EY   |  |  |  |  |  |  |  |  |  | EY  |  |  |  |  |  |  |  |  |  |
| EZ   |  |  |  |  |  |  |  |  |  | EZ  |  |  |  |  |  |  |  |  |  |
| FA   |  |  |  |  |  |  |  |  |  | FA  |  |  |  |  |  |  |  |  |  |
| FB   |  |  |  |  |  |  |  |  |  | FB  |  |  |  |  |  |  |  |  |  |
| FC   |  |  |  |  |  |  |  |  |  | FC  |  |  |  |  |  |  |  |  |  |
| FD   |  |  |  |  |  |  |  |  |  | FD  |  |  |  |  |  |  |  |  |  |
| FE   |  |  |  |  |  |  |  |  |  | FE  |  |  |  |  |  |  |  |  |  |
| FF   |  |  |  |  |  |  |  |  |  | FF  |  |  |  |  |  |  |  |  |  |
| FG   |  |  |  |  |  |  |  |  |  | FG  |  |  |  |  |  |  |  |  |  |
| FH   |  |  |  |  |  |  |  |  |  | FH  |  |  |  |  |  |  |  |  |  |
| FI   |  |  |  |  |  |  |  |  |  | FI  |  |  |  |  |  |  |  |  |  |
| FJ   |  |  |  |  |  |  |  |  |  | FJ  |  |  |  |  |  |  |  |  |  |
| FK   |  |  |  |  |  |  |  |  |  | FK  |  |  |  |  |  |  |  |  |  |
| FL   |  |  |  |  |  |  |  |  |  | FL  |  |  |  |  |  |  |  |  |  |
| FM   |  |  |  |  |  |  |  |  |  | FM  |  |  |  |  |  |  |  |  |  |
| FN   |  |  |  |  |  |  |  |  |  | FN  |  |  |  |  |  |  |  |  |  |
| FO   |  |  |  |  |  |  |  |  |  | FO  |  |  |  |  |  |  |  |  |  |
| FP   |  |  |  |  |  |  |  |  |  | FP  |  |  |  |  |  |  |  |  |  |
| FQ   |  |  |  |  |  |  |  |  |  | FQ  |  |  |  |  |  |  |  |  |  |
| FR   |  |  |  |  |  |  |  |  |  | FR  |  |  |  |  |  |  |  |  |  |
| FS   |  |  |  |  |  |  |  |  |  | FS  |  |  |  |  |  |  |  |  |  |
| FT   |  |  |  |  |  |  |  |  |  | FT  |  |  |  |  |  |  |  |  |  |
| FU   |  |  |  |  |  |  |  |  |  | FU  |  |  |  |  |  |  |  |  |  |
| FV   |  |  |  |  |  |  |  |  |  | FV  |  |  |  |  |  |  |  |  |  |
| FW   |  |  |  |  |  |  |  |  |  | FW  |  |  |  |  |  |  |  |  |  |
| FX   |  |  |  |  |  |  |  |  |  | FX  |  |  |  |  |  |  |  |  |  |
| FY   |  |  |  |  |  |  |  |  |  | FY  |  |  |  |  |  |  |  |  |  |
| FZ   |  |  |  |  |  |  |  |  |  | FZ  |  |  |  |  |  |  |  |  |  |
| GA   |  |  |  |  |  |  |  |  |  | GA  |  |  |  |  |  |  |  |  |  |
| GB   |  |  |  |  |  |  |  |  |  | GB  |  |  |  |  |  |  |  |  |  |
| GC   |  |  |  |  |  |  |  |  |  | GC  |  |  |  |  |  |  |  |  |  |
| GD   |  |  |  |  |  |  |  |  |  | GD  |  |  |  |  |  |  |  |  |  |
| GE   |  |  |  |  |  |  |  |  |  | GE  |  |  |  |  |  |  |  |  |  |
| GF   |  |  |  |  |  |  |  |  |  | GF  |  |  |  |  |  |  |  |  |  |
| GG   |  |  |  |  |  |  |  |  |  | GG  |  |  |  |  |  |  |  |  |  |
| GH   |  |  |  |  |  |  |  |  |  | GH  |  |  |  |  |  |  |  |  |  |
| GI   |  |  |  |  |  |  |  |  |  | GI  |  |  |  |  |  |  |  |  |  |
| GJ   |  |  |  |  |  |  |  |  |  | GJ  |  |  |  |  |  |  |  |  |  |
| GK   |  |  |  |  |  |  |  |  |  | GK  |  |  |  |  |  |  |  |  |  |
| GL   |  |  |  |  |  |  |  |  |  | GL  |  |  |  |  |  |  |  |  |  |
| GM   |  |  |  |  |  |  |  |  |  | GM  |  |  |  |  |  |  |  |  |  |
| GN   |  |  |  |  |  |  |  |  |  | GN  |  |  |  |  |  |  |  |  |  |
| GO   |  |  |  |  |  |  |  |  |  | GO  |  |  |  |  |  |  |  |  |  |
| GP   |  |  |  |  |  |  |  |  |  | GP  |  |  |  |  |  |  |  |  |  |
| GQ   |  |  |  |  |  |  |  |  |  | GQ  |  |  |  |  |  |  |  |  |  |
| GR   |  |  |  |  |  |  |  |  |  | GR  |  |  |  |  |  |  |  |  |  |
| GS   |  |  |  |  |  |  |  |  |  | GS  |  |  |  |  |  |  |  |  |  |
| GT   |  |  |  |  |  |  |  |  |  | GT  |  |  |  |  |  |  |  |  |  |
| GU   |  |  |  |  |  |  |  |  |  | GU  |  |  |  |  |  |  |  |  |  |
| GV   |  |  |  |  |  |  |  |  |  | GV  |  |  |  |  |  |  |  |  |  |
| GW   |  |  |  |  |  |  |  |  |  | GW  |  |  |  |  |  |  |  |  |  |
| GX   |  |  |  |  |  |  |  |  |  | GX  |  |  |  |  |  |  |  |  |  |
| GY   |  |  |  |  |  |  |  |  |  | GY  |  |  |  |  |  |  |  |  |  |
| GZ   |  |  |  |  |  |  |  |  |  | GZ  |  |  |  |  |  |  |  |  |  |
| HA   |  |  |  |  |  |  |  |  |  | HA  |  |  |  |  |  |  |  |  |  |
| HB   |  |  |  |  |  |  |  |  |  | HB  |  |  |  |  |  |  |  |  |  |
| HC   |  |  |  |  |  |  |  |  |  | HC  |  |  |  |  |  |  |  |  |  |
| HD   |  |  |  |  |  |  |  |  |  | HD  |  |  |  |  |  |  |  |  |  |
| HE   |  |  |  |  |  |  |  |  |  | HE  |  |  |  |  |  |  |  |  |  |
| HF   |  |  |  |  |  |  |  |  |  | HF  |  |  |  |  |  |  |  |  |  |
| HG   |  |  |  |  |  |  |  |  |  | HG  |  |  |  |  |  |  |  |  |  |
| HH   |  |  |  |  |  |  |  |  |  | HH  |  |  |  |  |  |  |  |  |  |
| HI   |  |  |  |  |  |  |  |  |  | HI  |  |  |  |  |  |  |  |  |  |
| HJ   |  |  |  |  |  |  |  |  |  | HJ  |  |  |  |  |  |  |  |  |  |
| HK   |  |  |  |  |  |  |  |  |  | HK  |  |  |  |  |  |  |  |  |  |
| HL   |  |  |  |  |  |  |  |  |  | HL  |  |  |  |  |  |  |  |  |  |
| HM   |  |  |  |  |  |  |  |  |  | HM  |  |  |  |  |  |  |  |  |  |
| HN   |  |  |  |  |  |  |  |  |  | HN  |  |  |  |  |  |  |  |  |  |
| HO   |  |  |  |  |  |  |  |  |  | HO  |  |  |  |  |  |  |  |  |  |
| HP   |  |  |  |  |  |  |  |  |  | HP  |  |  |  |  |  |  |  |  |  |
| HQ   |  |  |  |  |  |  |  |  |  | HQ  |  |  |  |  |  |  |  |  |  |
| HR   |  |  |  |  |  |  |  |  |  | HR  |  |  |  |  |  |  |  |  |  |
| HS   |  |  |  |  |  |  |  |  |  | HS  |  |  |  |  |  |  |  |  |  |
| HT   |  |  |  |  |  |  |  |  |  | HT  |  |  |  |  |  |  |  |  |  |
| HU   |  |  |  |  |  |  |  |  |  | HU  |  |  |  |  |  |  |  |  |  |
| HV   |  |  |  |  |  |  |  |  |  | HV  |  |  |  |  |  |  |  |  |  |
| HW   |  |  |  |  |  |  |  |  |  | HW  |  |  |  |  |  |  |  |  |  |
| HX   |  |  |  |  |  |  |  |  |  | HX  |  |  |  |  |  |  |  |  |  |
| HY   |  |  |  |  |  |  |  |  |  | HY  |  |  |  |  |  |  |  |  |  |
| HZ   |  |  |  |  |  |  |  |  |  | HZ  |  |  |  |  |  |  |  |  |  |
| IA   |  |  |  |  |  |  |  |  |  | IA  |  |  |  |  |  |  |  |  |  |
| IB   |  |  |  |  |  |  |  |  |  | IB  |  |  |  |  |  |  |  |  |  |
| IC   |  |  |  |  |  |  |  |  |  | IC  |  |  |  |  |  |  |  |  |  |
| ID   |  |  |  |  |  |  |  |  |  | ID  |  |  |  |  |  |  |  |  |  |
| IE   |  |  |  |  |  |  |  |  |  | IE  |  |  |  |  |  |  |  |  |  |
| IF   |  |  |  |  |  |  |  |  |  | IF  |  |  |  |  |  |  |  |  |  |
| IG   |  |  |  |  |  |  |  |  |  | IG  |  |  |  |  |  |  |  |  |  |
| IH   |  |  |  |  |  |  |  |  |  | IH  |  |  |  |  |  |  |  |  |  |
| II   |  |  |  |  |  |  |  |  |  | II  |  |  |  |  |  |  |  |  |  |
| IJ   |  |  |  |  |  |  |  |  |  | IJ  |  |  |  |  |  |  |  |  |  |
| IK   |  |  |  |  |  |  |  |  |  | IK  |  |  |  |  |  |  |  |  |  |
| IL   |  |  |  |  |  |  |  |  |  | IL  |  |  |  |  |  |  |  |  |  |
| IM   |  |  |  |  |  |  |  |  |  | IM  |  |  |  |  |  |  |  |  |  |
| IN   |  |  |  |  |  |  |  |  |  | IN  |  |  |  |  |  |  |  |  |  |
| IO   |  |  |  |  |  |  |  |  |  | IO  |  |  |  |  |  |  |  |  |  |
| IP   |  |  |  |  |  |  |  |  |  | IP  |  |  |  |  |  |  |  |  |  |
| IQ   |  |  |  |  |  |  |  |  |  | IQ  |  |  |  |  |  |  |  |  |  |
| IR   |  |  |  |  |  |  |  |  |  | IR  |  |  |  |  |  |  |  |  |  |
| IS   |  |  |  |  |  |  |  |  |  | IS  |  |  |  |  |  |  |  |  |  |
| IT   |  |  |  |  |  |  |  |  |  | IT  |  |  |  |  |  |  |  |  |  |
| IU   |  |  |  |  |  |  |  |  |  | IU  |  |  |  |  |  |  |  |  |  |
| IV   |  |  |  |  |  |  |  |  |  | IV  |  |  |  |  |  |  |  |  |  |
| IW   |  |  |  |  |  |  |  |  |  | IW  |  |  |  |  |  |  |  |  |  |
| IX   |  |  |  |  |  |  |  |  |  | IX  |  |  |  |  |  |  |  |  |  |
| IY   |  |  |  |  |  |  |  |  |  | IY  |  |  |  |  |  |  |  |  |  |
| IZ   |  |  |  |  |  |  |  |  |  | IZ  |  |  |  |  |  |  |  |  |  |
| JA   |  |  |  |  |  |  |  |  |  | JA  |  |  |  |  |  |  |  |  |  |
| JB   |  |  |  |  |  |  |  |  |  | JB  |  |  |  |  |  |  |  |  |  |
| JC   |  |  |  |  |  |  |  |  |  | JC  |  |  |  |  |  |  |  |  |  |
| JD   |  |  |  |  |  |  |  |  |  | JD  |  |  |  |  |  |  |  |  |  |
| JE   |  |  |  |  |  |  |  |  |  | JE  |  |  |  |  |  |  |  |  |  |
| JF   |  |  |  |  |  |  |  |  |  | JF  |  |  |  |  |  |  |  |  |  |
| JG   |  |  |  |  |  |  |  |  |  | JG  |  |  |  |  |  |  |  |  |  |
| JH   |  |  |  |  |  |  |  |  |  | JH  |  |  |  |  |  |  |  |  |  |
| JI   |  |  |  |  |  |  |  |  |  | JI  |  |  |  |  |  |  |  |  |  |
| JJ   |  |  |  |  |  |  |  |  |  | JJ  |  |  |  |  |  |  |  |  |  |
| JK   |  |  |  |  |  |  |  |  |  | JK  |  |  |  |  |  |  |  |  |  |
| JL   |  |  |  |  |  |  |  |  |  | JL  |  |  |  |  |  |  |  |  |  |
| JM   |  |  |  |  |  |  |  |  |  | JM  |  |  |  |  |  |  |  |  |  |
| JN   |  |  |  |  |  |  |  |  |  | JN  |  |  |  |  |  |  |  |  |  |
| JO   |  |  |  |  |  |  |  |  |  | JO  |  |  |  |  |  |  |  |  |  |
| JP   |  |  |  |  |  |  |  |  |  | JP  |  |  |  |  |  |  |  |  |  |
| JQ   |  |  |  |  |  |  |  |  |  | JQ  |  |  |  |  |  |  |  |  |  |
| JR   |  |  |  |  |  |  |  |  |  | JR  |  |  |  |  |  |  |  |  |  |
| JS   |  |  |  |  |  |  |  |  |  | JS  |  |  |  |  |  |  |  |  |  |
| JT   |  |  |  |  |  |  |  |  |  | JT  |  |  |  |  |  |  |  |  |  |
| JU   |  |  |  |  |  |  |  |  |  | JU  |  |  |  |  |  |  |  |  |  |
| JV   |  |  |  |  |  |  |  |  |  | JV  |  |  |  |  |  |  |  |  |  |
| JW   |  |  |  |  |  |  |  |  |  | JW  |  |  |  |  |  |  |  |  |  |
| JX   |  |  |  |  |  |  |  |  |  | JX  |  |  |  |  |  |  |  |  |  |
| JY   |  |  |  |  |  |  |  |  |  | JY  |  |  |  |  |  |  |  |  |  |
| JZ   |  |  |  |  |  |  |  |  |  | JZ  |  |  |  |  |  |  |  |  |  |
| KA   |  |  |  |  |  |  |  |  |  | KA  |  |  |  |  |  |  |  |  |  |
| KB   |  |  |  |  |  |  |  |  |  | KB  |  |  |  |  |  |  |  |  |  |
| KC   |  |  |  |  |  |  |  |  |  | KC  |  |  |  |  |  |  |  |  |  |
| KD   |  |  |  |  |  |  |  |  |  | KD  |  |  |  |  |  |  |  |  |  |
| KE   |  |  |  |  |  |  |  |  |  | KE  |  |  |  |  |  |  |  |  |  |
| KF   |  |  |  |  |  |  |  |  |  | KF  |  |  |  |  |  |  |  |  |  |
| KG   |  |  |  |  |  |  |  |  |  | KG  |  |  |  |  |  |  |  |  |  |
| KH   |  |  |  |  |  |  |  |  |  | KH  |  |  |  |  |  |  |  |  |  |
| KI   |  |  |  |  |  |  |  |  |  | KI  |  |  |  |  |  |  |  |  |  |
| KJ   |  |  |  |  |  |  |  |  |  | KJ  |  |  |  |  |  |  |  |  |  |
| KK   |  |  |  |  |  |  |  |  |  | KK  |  |  |  |  |  |  |  |  |  |
| KL   |  |  |  |  |  |  |  |  |  | KL  |  |  |  |  |  |  |  |  |  |
| KM   |  |  |  |  |  |  |  |  |  | KM  |  |  |  |  |  |  |  |  |  |
| KN   |  |  |  |  |  |  |  |  |  | KN  |  |  |  |  |  |  |  |  |  |
| KO   |  |  |  |  |  |  |  |  |  | KO  |  |  |  |  |  |  |  |  |  |
| KP   |  |  |  |  |  |  |  |  |  | KP  |  |  |  |  |  |  |  |  |  |
| KQ   |  |  |  |  |  |  |  |  |  | KQ  |  |  |  |  |  |  |  |  |  |
| KR   |  |  |  |  |  |  |  |  |  | KR  |  |  |  |  |  |  |  |  |  |
| KS   |  |  |  |  |  |  |  |  |  | KS  |  |  |  |  |  |  |  |  |  |
| KT   |  |  |  |  |  |  |  |  |  | KT  |  |  |  |  |  |  |  |  |  |
| KU   |  |  |  |  |  |  |  |  |  | KU  |  |  |  |  |  |  |  |  |  |
| KV   |  |  |  |  |  |  |  |  |  | KV  |  |  |  |  |  |  |  |  |  |
| KW   |  |  |  |  |  |  |  |  |  | KW  |  |  |  |  |  |  |  |  |  |
| KX   |  |  |  |  |  |  |  |  |  | KX  |  |  |  |  |  |  |  |  |  |
| KY   |  |  |  |  |  |  |  |  |  | KY  |  |  |  |  |  |  |  |  |  |
| KZ   |  |  |  |  |  |  |  |  |  | KZ  |  |  |  |  |  |  |  |  |  |
| LA   |  |  |  |  |  |  |  |  |  | LA  |  |  |  |  |  |  |  |  |  |
| LB   |  |  |  |  |  |  |  |  |  | LB  |  |  |  |  |  |  |  |  |  |
| LC   |  |  |  |  |  |  |  |  |  | LC  |  |  |  |  |  |  |  |  |  |
| LD   |  |  |  |  |  |  |  |  |  | LD  |  |  |  |  |  |  |  |  |  |
| LE   |  |  |  |  |  |  |  |  |  | LE  |  |  |  |  |  |  |  |  |  |
| LF   |  |  |  |  |  |  |  |  |  | LF  |  |  |  |  |  |  |  |  |  |
| LG   |  |  |  |  |  |  |  |  |  | LG  |  |  |  |  |  |  |  |  |  |
| LH   |  |  |  |  |  |  |  |  |  | LH  |  |  |  |  |  |  |  |  |  |
| LI   |  |  |  |  |  |  |  |  |  | LI  |  |  |  |  |  |  |  |  |  |
| LJ   |  |  |  |  |  |  |  |  |  | LJ  |  |  |  |  |  |  |  |  |  |
| LK   |  |  |  |  |  |  |  |  |  | LK  |  |  |  |  |  |  |  |  |  |
| LL   |  |  |  |  |  |  |  |  |  | LL  |  |  |  |  |  |  |  |  |  |
| LM   |  |  |  |  |  |  |  |  |  | LM  |  |  |  |  |  |  |  |  |  |
| LN   |  |  |  |  |  |  |  |  |  | LN  |  |  |  |  |  |  |  |  |  |
| LO   |  |  |  |  |  |  |  |  |  | LO  |  |  |  |  |  |  |  |  |  |
| LP   |  |  |  |  |  |  |  |  |  | LP  |  |  |  |  |  |  |  |  |  |
| LQ   |  |  |  |  |  |  |  |  |  | LQ  |  |  |  |  |  |  |  |  |  |
| LR   |  |  |  |  |  |  |  |  |  | LR  |  |  |  |  |  |  |  |  |  |
| LS   |  |  |  |  |  |  |  |  |  | LS  |  |  |  |  |  |  |  |  |  |
| LT   |  |  |  |  |  |  |  |  |  | LT  |  |  |  |  |  |  |  |  |  |
| LU   |  |  |  |  |  |  |  |  |  | LU  |  |  |  |  |  |  |  |  |  |
| LV   |  |  |  |  |  |  |  |  |  | LV  |  |  |  |  |  |  |  |  |  |
| LW   |  |  |  |  |  |  |  |  |  | LW  |  |  |  |  |  |  |  |  |  |
| LX   |  |  |  |  |  |  |  |  |  | LX  |  |  |  |  |  |  |  |  |  |
| LY   |  |  |  |  |  |  |  |  |  | LY  |  |  |  |  |  |  |  |  |  |
| LZ   |  |  |  |  |  |  |  |  |  | LZ  |  |  |  |  |  |  |  |  |  |
| MA   |  |  |  |  |  |  |  |  |  | MA  |  |  |  |  |  |  |  |  |  |
| MB   |  |  |  |  |  |  |  |  |  | MB  |  |  |  |  |  |  |  |  |  |
| MC   |  |  |  |  |  |  |  |  |  | MC  |  |  |  |  |  |  |  |  |  |
| MD   |  |  |  |  |  |  |  |  |  | MD  |  |  |  |  |  |  |  |  |  |
| ME   |  |  |  |  |  |  |  |  |  | ME  |  |  |  |  |  |  |  |  |  |
| MF   |  |  |  |  |  |  |  |  |  | MF  |  |  |  |  |  |  |  |  |  |
| MG   |  |  |  |  |  |  |  |  |  | MG  |  |  |  |  |  |  |  |  |  |
| MH   |  |  |  |  |  |  |  |  |  | MH  |  |  |  |  |  |  |  |  |  |
| MI   |  |  |  |  |  |  |  |  |  | MI  |  |  |  |  |  |  |  |  |  |
| MJ   |  |  |  |  |  |  |  |  |  | MJ  |  |  |  |  |  |  |  |  |  |
| MK   |  |  |  |  |  |  |  |  |  | MK  |  |  |  |  |  |  |  |  |  |
| ML   |  |  |  |  |  |  |  |  |  | ML  |  |  |  |  |  |  |  |  |  |
| MM   |  |  |  |  |  |  |  |  |  | MM  |  |  |  |  |  |  |  |  |  |
| MN   |  |  |  |  |  |  |  |  |  | MN  |  |  |  |  |  |  |  |  |  |
| MO   |  |  |  |  |  |  |  |  |  | MO  |  |  |  |  |  |  |  |  |  |
| MP   |  |  |  |  |  |  |  |  |  | MP  |  |  |  |  |  |  |  |  |  |
| MQ   |  |  |  |  |  |  |  |  |  | MQ  |  |  |  |  |  |  |  |  |  |
| MR   |  |  |  |  |  |  |  |  |  | MR  |  |  |  |  |  |  |  |  |  |
| MS   |  |  |  |  |  |  |  |  |  | MS  |  |  |  |  |  |  |  |  |  |
| MT   |  |  |  |  |  |  |  |  |  | MT  |  |  |  |  |  |  |  |  |  |
| MU   |  |  |  |  |  |  |  |  |  | MU  |  |  |  |  |  |  |  |  |  |
| MV   |  |  |  |  |  |  |  |  |  | MV  |  |  |  |  |  |  |  |  |  |
| MW   |  |  |  |  |  |  |  |  |  | MW  |  |  |  |  |  |  |  |  |  |
| MX   |  |  |  |  |  |  |  |  |  | MX  |  |  |  |  |  |  |  |  |  |
| MY   |  |  |  |  |  |  |  |  |  | MY  |  |  |  |  |  |  |  |  |  |
| MZ   |  |  |  |  |  |  |  |  |  | MZ  |  |  |  |  |  |  |  |  |  |
| NA   |  |  |  |  |  |  |  |  |  | NA  |  |  |  |  |  |  |  |  |  |
| NB   |  |  |  |  |  |  |  |  |  | NB  |  |  |  |  |  |  |  |  |  |
| NC   |  |  |  |  |  |  |  |  |  | NC  |  |  |  |  |  |  |  |  |  |
| ND   |  |  |  |  |  |  |  |  |  | ND  |  |  |  |  |  |  |  |  |  |
| NE   |  |  |  |  |  |  |  |  |  | NE  |  |  |  |  |  |  |  |  |  |
| NF   |  |  |  |  |  |  |  |  |  | NF  |  |  |  |  |  |  |  |  |  |
| NG   |  |  |  |  |  |  |  |  |  | NG  |  |  |  |  |  |  |  |  |  |
| NH   |  |  |  |  |  |  |  |  |  | NH  |  |  |  |  |  |  |  |  |  |
| NI   |  |  |  |  |  |  |  |  |  | NI  |  |  |  |  |  |  |  |  |  |
| NJ   |  |  |  |  |  |  |  |  |  | NJ  |  |  |  |  |  |  |  |  |  |
| NK   |  |  |  |  |  |  |  |  |  | NK  |  |  |  |  |  |  |  |  |  |
| NL   |  |  |  |  |  |  |  |  |  | NL  |  |  |  |  |  |  |  |  |  |
| NM   |  |  |  |  |  |  |  |  |  | NM  |  |  |  |  |  |  |  |  |  |
| NN   |  |  |  |  |  |  |  |  |  | NN  |  |  |  |  |  |  |  |  |  |
| NO   |  |  |  |  |  |  |  |  |  | NO  |  |  |  |  |  |  |  |  |  |
| NP   |  |  |  |  |  |  |  |  |  | NP  |  |  |  |  |  |  |  |  |  |
| NQ   |  |  |  |  |  |  |  |  |  | NQ  |  |  |  |  |  |  |  |  |  |
| NR   |  |  |  |  |  |  |  |  |  | NR  |  |  |  |  |  |  |  |  |  |
| NS   |  |  |  |  |  |  |  |  |  | NS  |  |  |  |  |  |  |  |  |  |
| NT   |  |  |  |  |  |  |  |  |  | NT  |  |  |  |  |  |  |  |  |  |
| NU   |  |  |  |  |  |  |  |  |  | NU  |  |  |  |  |  |  |  |  |  |
| NV   |  |  |  |  |  |  |  |  |  | NV  |  |  |  |  |  |  |  |  |  |
| NW   |  |  |  |  |  |  |  |  |  | NW  |  |  |  |  |  |  |  |  |  |
| NX   |  |  |  |  |  |  |  |  |  | NX  |  |  |  |  |  |  |  |  |  |
| NY   |  |  |  |  |  |  |  |  |  | NY  |  |  |  |  |  |  |  |  |  |
| NZ   |  |  |  |  |  |  |  |  |  | NZ  |  |  |  |  |  |  |  |  |  |
| OA   |  |  |  |  |  |  |  |  |  | OA  |  |  |  |  |  |  |  |  |  |
| OB   |  |  |  |  |  |  |  |  |  | OB  |  |  |  |  |  |  |  |  |  |
| OC   |  |  |  |  |  |  |  |  |  | OC  |  |  |  |  |  |  |  |  |  |
| OD   |  |  |  |  |  |  |  |  |  | OD  |  |  |  |  |  |  |  |  |  |
| OE   |  |  |  |  |  |  |  |  |  | OE  |  |  |  |  |  |  |  |  |  |
| OF   |  |  |  |  |  |  |  |  |  | OF  |  |  |  |  |  |  |  |  |  |
| OG   |  |  |  |  |  |  |  |  |  | OG  |  |  |  |  |  |  |  |  |  |
| OH   |  |  |  |  |  |  |  |  |  | OH  |  |  |  |  |  |  |  |  |  |
| OI   |  |  |  |  |  |  |  |  |  | OI  |  |  |  |  |  |  |  |  |  |
| OJ   |  |  |  |  |  |  |  |  |  | OJ  |  |  |  |  |  |  |  |  |  |
| OK   |  |  |  |  |  |  |  |  |  | OK  |  |  |  |  |  |  |  |  |  |
| OL   |  |  |  |  |  |  |  |  |  | OL  |  |  |  |  |  |  |  |  |  |
| OM   |  |  |  |  |  |  |  |  |  | OM  |  |  |  |  |  |  |  |  |  |
| ON   |  |  |  |  |  |  |  |  |  | ON  |  |  |  |  |  |  |  |  |  |
| OO   |  |  |  |  |  |  |  |  |  | OO  |  |  |  |  |  |  |  |  |  |
| OP   |  |  |  |  |  |  |  |  |  | OP  |  |  |  |  |  |  |  |  |  |
| OQ   |  |  |  |  |  |  |  |  |  | OQ  |  |  |  |  |  |  |  |  |  |
| OR   |  |  |  |  |  |  |  |  |  | OR  |  |  |  |  |  |  |  |  |  |
| OS   |  |  |  |  |  |  |  |  |  | OS  |  |  |  |  |  |  |  |  |  |
| OT   |  |  |  |  |  |  |  |  |  | OT  |  |  |  |  |  |  |  |  |  |
| OU   |  |  |  |  |  |  |  |  |  | OU  |  |  |  |  |  |  |  |  |  |
| OV   |  |  |  |  |  |  |  |  |  | OV  |  |  |  |  |  |  |  |  |  |
| OW   |  |  |  |  |  |  |  |  |  | OW  |  |  |  |  |  |  |  |  |  |
| OX   |  |  |  |  |  |  |  |  |  | OX  |  |  |  |  |  |  |  |  |  |
| OY   |  |  |  |  |  |  |  |  |  | OY  |  |  |  |  |  |  |  |  |  |
| OZ   |  |  |  |  |  |  |  |  |  | OZ  |  |  |  |  |  |  |  |  |  |
| PA   |  |  |  |  |  |  |  |  |  | PA  |  |  |  |  |  |  |  |  |  |
| PB   |  |  |  |  |  |  |  |  |  | PB  |  |  |  |  |  |  |  |  |  |
| PC   |  |  |  |  |  |  |  |  |  | PC  |  |  |  |  |  |  |  |  |  |
| PD   |  |  |  |  |  |  |  |  |  | PD  |  |  |  |  |  |  |  |  |  |
| PE   |  |  |  |  |  |  |  |  |  | PE  |  |  |  |  |  |  |  |  |  |
| PF   |  |  |  |  |  |  |  |  |  | PF  |  |  |  |  |  |  |  |  |  |
| PG   |  |  |  |  |  |  |  |  |  | PG  |  |  |  |  |  |  |  |  |  |
| PH   |  |  |  |  |  |  |  |  |  | PH  |  |  |  |  |  |  |  |  |  |
| PI   |  |  |  |  |  |  |  |  |  | PI  |  |  |  |  |  |  |  |  |  |
| PJ   |  |  |  |  |  |  |  |  |  | PJ  |  |  |  |  |  |  |  |  |  |
| PK   |  |  |  |  |  |  |  |  |  | PK  |  |  |  |  |  |  |  |  |  |
| PL   |  |  |  |  |  |  |  |  |  | PL  |  |  |  |  |  |  |  |  |  |
| PM   |  |  |  |  |  |  |  |  |  | PM  |  |  |  |  |  |  |  |  |  |
| PN   |  |  |  |  |  |  |  |  |  | PN  |  |  |  |  |  |  |  |  |  |
| PO   |  |  |  |  |  |  |  |  |  | PO  |  |  |  |  |  |  |  |  |  |
| PP   |  |  |  |  |  |  |  |  |  | PP  |  |  |  |  |  |  |  |  |  |
| PQ   |  |  |  |  |  |  |  |  |  | PQ  |  |  |  |  |  |  |  |  |  |
| PR   |  |  |  |  |  |  |  |  |  | PR  |  |  |  |  |  |  |  |  |  |
| PS   |  |  |  |  |  |  |  |  |  | PS  |  |  |  |  |  |  |  |  |  |
| PT   |  |  |  |  |  |  |  |  |  | PT  |  |  |  |  |  |  |  |  |  |
| PU   |  |  |  |  |  |  |  |  |  | PU  |  |  |  |  |  |  |  |  |  |
| PV   |  |  |  |  |  |  |  |  |  | PV  |  |  |  |  |  |  |  |  |  |
| PW   |  |  |  |  |  |  |  |  |  | PW  |  |  |  |  |  |  |  |  |  |
| PX   |  |  |  |  |  |  |  |  |  | PX  |  |  |  |  |  |  |  |  |  |
| PY   |  |  |  |  |  |  |  |  |  | PY  |  |  |  |  |  |  |  |  |  |
| PZ   |  |  |  |  |  |  |  |  |  | PZ  |  |  |  |  |  |  |  |  |  |
| QA   |  |  |  |  |  |  |  |  |  | QA  |  |  |  |  |  |  |  |  |  |
| QB   |  |  |  |  |  |  |  |  |  | QB  |  |  |  |  |  |  |  |  |  |
| QC   |  |  |  |  |  |  |  |  |  | QC  |  |  |  |  |  |  |  |  |  |
| QD   |  |  |  |  |  |  |  |  |  | QD  |  |  |  |  |  |  |  |  |  |
| QE   |  |  |  |  |  |  |  |  |  | QE  |  |  |  |  |  |  |  |  |  |
| QF   |  |  |  |  |  |  |  |  |  | QF  |  |  |  |  |  |  |  |  |  |
| QG   |  |  |  |  |  |  |  |  |  | QG  |  |  |  |  |  |  |  |  |  |
| QH   |  |  |  |  |  |  |  |  |  | QH  |  |  |  |  |  |  |  |  |  |
| QI   |  |  |  |  |  |  |  |  |  | QI  |  |  |  |  |  |  |  |  |  |
| QJ   |  |  |  |  |  |  |  |  |  | QJ  |  |  |  |  |  |  |  |  |  |
| QK   |  |  |  |  |  |  |  |  |  | QK  |  |  |  |  |  |  |  |  |  |
| QL   |  |  |  |  |  |  |  |  |  | QL  |  |  |  |  |  |  |  |  |  |
| QM   |  |  |  |  |  |  |  |  |  | QM  |  |  |  |  |  |  |  |  |  |
| QN   |  |  |  |  |  |  |  |  |  | QN  |  |  |  |  |  |  |  |  |  |
| QO   |  |  |  |  |  |  |  |  |  | QO  |  |  |  |  |  |  |  |  |  |
| QP   |  |  |  |  |  |  |  |  |  | QP  |  |  |  |  |  |  |  |  |  |
| QQ   |  |  |  |  |  |  |  |  |  | QQ  |  |  |  |  |  |  |  |  |  |
| QR   |  |  |  |  |  |  |  |  |  | QR  |  |  |  |  |  |  |  |  |  |
| QS   |  |  |  |  |  |  |  |  |  | QS  |  |  |  |  |  |  |  |  |  |
| QT   |  |  |  |  |  |  |  |  |  | QT  |  |  |  |  |  |  |  |  |  |
| QU   |  |  |  |  |  |  |  |  |  | QU  |  |  |  |  |  |  |  |  |  |
| QV   |  |  |  |  |  |  |  |  |  | QV  |  |  |  |  |  |  |  |  |  |
| QW   |  |  |  |  |  |  |  |  |  | QW  |  |  |  |  |  |  |  |  |  |
| QX   |  |  |  |  |  |  |  |  |  | QX  |  |  |  |  |  |  |  |  |  |
| QY   |  |  |  |  |  |  |  |  |  | QY  |  |  |  |  |  |  |  |  |  |
| QZ   |  |  |  |  |  |  |  |  |  | QZ  |  |  |  |  |  |  |  |  |  |
| RA   |  |  |  |  |  |  |  |  |  | RA  |  |  |  |  |  |  |  |  |  |
| RB   |  |  |  |  |  |  |  |  |  | RB  |  |  |  |  |  |  |  |  |  |
| RC   |  |  |  |  |  |  |  |  |  | RC  |  |  |  |  |  |  |  |  |  |



GENERAL REMARKS—(continued).

Damage: While proceeding from Birkenhead to Liverpool after having the boiler placed on board, the vessel took the ground on the 13<sup>th</sup> July 1921. damaging her bottom.

The vessel was placed in the Clarence Dry Dock Liverpool and repairs effected as follows

Shell: 1 keel plate N<sup>o</sup> 4. Star A5. B5. Port A4.5. B5.6. Cut off Javia replaced N<sup>o</sup> 3.5. " A4.6. B4.6. and adjoining landings (when affected) of C Strake port star Javia in place.

Removed Javia replaced: 19 floors, 13 reverse frames, 1 Centre Keelson Up angle 18 Centre Intimortal plates, 18 frame legs, 1 Centre Keelson Bracket, 1 Side Keelson Angle, 18 Side Intimortal plates, 18 side frame legs, 2 Hold pillars, 1 length bilge keel bulb plate.

Javia in place: 1 Bulkhead floor, 20 frames Port, 20 frames Star, Guide under Deck 1 length bilge keel bulb plate, 1 Bilge Keel Shell Angle.

Renewed: 5 reverse frames, cement in bottom in way of damage, 1 bilge keel plate.

Removed for access afterwards replaced: Pipe casings, Hold ladder, Ceiling in cross bulkhead.

All repairs and disturbed work cleaned & coated

While entering the Victoria Dock Birkenhead on the 28<sup>th</sup> Oct 1921. the vessel struck the entrance wall slightly underling 1 Shortstrake Amidships Portside, the work & caulking in way of damage were examined and found efficient.

This undisturbed plate is of such a minor nature that in my opinion it need not be marked against the vessel.

A damage report was given but was not required

G. L. L.

Summary of Damage Repairs:

|                            | Plates | Frames | Rev. Frames | Flon Beams | Str. plates | DR Plates | Other Plin |
|----------------------------|--------|--------|-------------|------------|-------------|-----------|------------|
| Renewed                    | ✓      | ✓      | 5           | 1          | ✓           | ✓         | ✓          |
| Removed Javia replaced.    | ✓      | ✓      | 13          | 19         | ✓           | ✓         | ✓          |
| Javia & replacer in place. | 6      | 40     | ✓           | 1          | ✓           | ✓         | See Pkt.   |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 79.08 ft., Bridge 8.75 ft., Forecastle 19.0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 DR (Steel).

Official No. 146261. ; Signal Letters ✓

State if Machinery is fitted aft

Yes.

How are the surfaces preserved from oxidation? Inside

Paint + Cement.

Outside.

Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. ✓

| Where Fitted.                             | *Length. | Water Capacity. | Where Fitted.  | *Length. | Water Capacity. |
|---|----------|-----------------|--|----------|-----------------|
|   | Feet.    | Tons.           |  | Feet.    | Tons.           |
| Double bottom, aft,                       | ✓        | ✓               | Fore peak tank,  | ✓        | 4.5             |
| Double bottom, under Engines and Boilers, | ✓        | ✓               | After peak tank,                                       | ✓        | 24              |
| Double bottom, if under Engines only,     | ✓        | ✓               | Deep tank, aft,  | ✓        | ✓               |
| Double bottom, if under Boilers only,     | ✓        | ✓               | Deep tank, forward,                                    | ✓        | ✓               |
| Double bottom, forward,                   | ✓        | ✓               | Other tanks, if fitted,                                | ✓        | ✓               |
| Total capacity of double bottom           |          | ✓               | (If necessary, furnish further information by sketch.) | ✓        | ✓               |

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules

Yes.

Order for Special Survey No. 1154

Date

25/3/21

DATES of Surveys held while building

1920. May. 26. June 3. 10. 22. July 7. 20. Aug. 4. 11. 18. 24. 30. Sep. 10. 15. 30. Oct. 4. 8. 22. 27. 28. Nov. 1. 22. Dec. 6. 16. 21. — 1921. Jan. 4. 13. 29. Feb. 1. 17. Mar. 2. 11. 17. 21. Apr. 5. 19. 25. May. 3. 6. 31. June. 28. July. 6. 29. Aug. 25. Sep. 1. 17. 22. 27. Oct. 20. 24. 27. 28. 29.

No. 458. in builder's yard.

Surveyor's Signature

Geo. Harris Kyle.

Total No. of Visits 55

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Lloyd's Register Foundation