

PARTICULARS OF RUDDER

| | | | |
|--|--------------------------------|----------------|--------------|
| RUDDER AREA | TOTAL AREA | A | 16'52 (1770) |
| " | ABFT PINTLE CE | A ₂ | 12'10 |
| " | AHEAD PINTLE CE | A ₁ | 4'52 |
| HEIGHT OF RUDDER | H | 5'80 | |
| BREADTH OF RUDDER | B | 3'10 | |
| THICKNESS OF RUDDER | t | 0'60 | |
| RUDDER AREA RATIO | A/A ₂ | 1'68 | |
| BALLANCING RATIO | A ₁ /A ₂ | 1'24 | |
| ASPECT RATIO | H/B | 1'806 | |
| THICKNESS BREADTH RATIO | t/B | 0'194 | |
| MAX SEA SPEED | | 13.25 | |
| DISPLACEMENT OF RUDDER IN SEA WATER (SPECIFIC GRAVITY 1.025) | | 6'2 | |
| RUDDER WEIGHT INCLUDING STOCK | | 12'7 | |

- NOTES
1. CARBON CONTENT OF UPPER CASTING & LOWER CASTING NOT TO BE EXCEED .23%
 2. MARKED TO BE SMOOTHED
- | | | | |
|-----|---|---|---------------------|
| ▽ | " | " | ROUGH TOOL FINISHED |
| ▽▽ | " | " | NORMAL |
| ▽▽▽ | " | " | FINE |

FINISHED PLAN

KOBERT NO. 2026

DATED

HIKAWA MARU
日川丸

TITLE

RUDDER & RUDDER STOCK

SCALE 1/100

KAWASAKI DOCKYARD CO. LTD.
KOBÉ JAPAN
SHIPDESIGNING DEPARTMENT

CHIEF OF DEPARTMENT *Shirokawa*

CHIEF OF SECTION *Shirokawa*

CHECKED BY *Shirokawa*

DRAWN BY *Shirokawa*

DATE

DRAWING NO. A-15

TO LLOYD'S REGISTER OF SHIPPING

RECORDS DEPT.
LONDON.

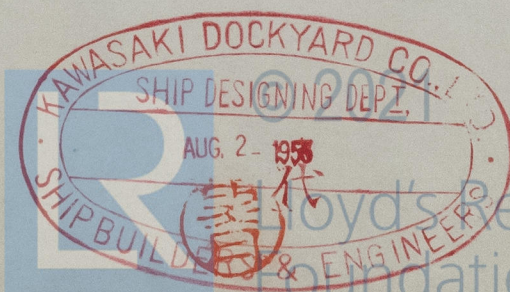
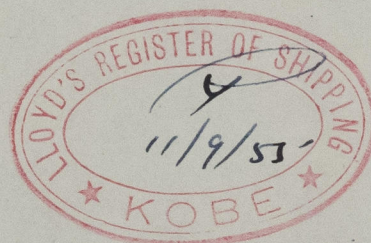
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CERTIFIED COPY OF "APPROVED PLAN"

HIKAWA MARU ★

Rudder & Rudder
Stock

AS BUILT



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