

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

CLOSED COND.

Ship's Name GUANG MING

Port of Survey FLUSHING

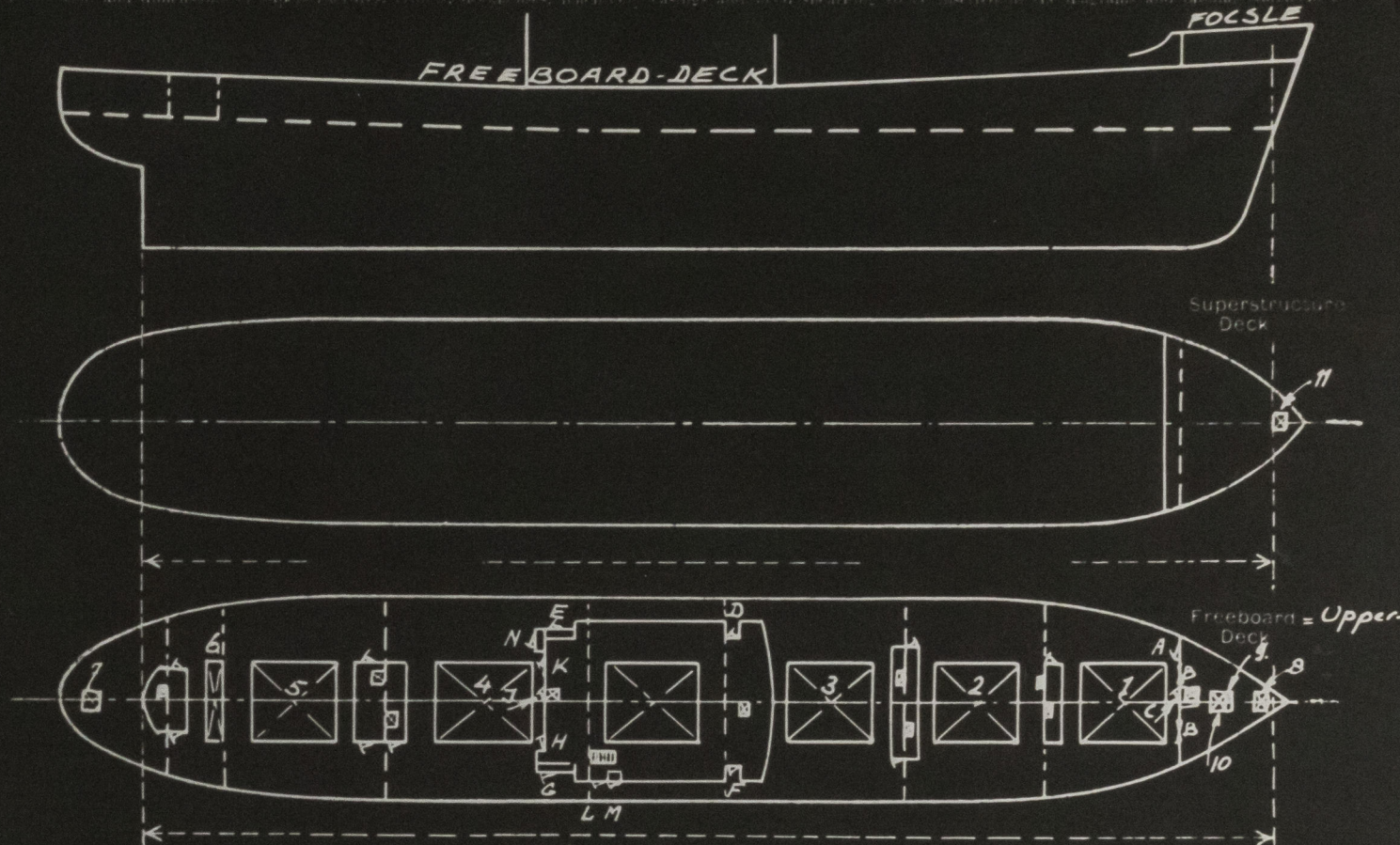
Official Number

Surveyor's Signature

Nationality and Port of Registry CHINESE/KANTON

Date of Survey WHILST BUILDING

Position and dimensions of superstructures, trunks, deckhouses, machinery casings and other structures to be inserted in the diagrams and tabular statement.



46,32' TO CENTRE OF RUDDERSTOCK

ALL SCANTLINGS AND DIMENSIONS ARE GIVEN IN METRIC UNITS.

Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Peep Bulkhead								
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead	7 1/2	7 1/2	I 100x65x6	755	TOP & BOT. E.W.	A 1340x700 B 21x1250x940	460 550	2500
Trunk, Aft						C 1370x550 NONE	610	
Trunk, Forward						D 1370x700 E 1290x700	610 550	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	FRONT 10	10	I 229x91	750	TOP & BOT. E.W.	F 1370x700 G 1290x700	610 550	
Exposed Machinery Casings on Superstructure Decks	SIDES 9	9	I 178x76x8	760	TOP & BOT. E.W.	L 1370x700 M 1370x550	610 610	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances						H 1370x700 J 1370x550	610 610	
Deckhouse amidships	AFT 8	8	I 100x76x7	750	NONE	K 1370x700 N 1790x700	610 310	2600

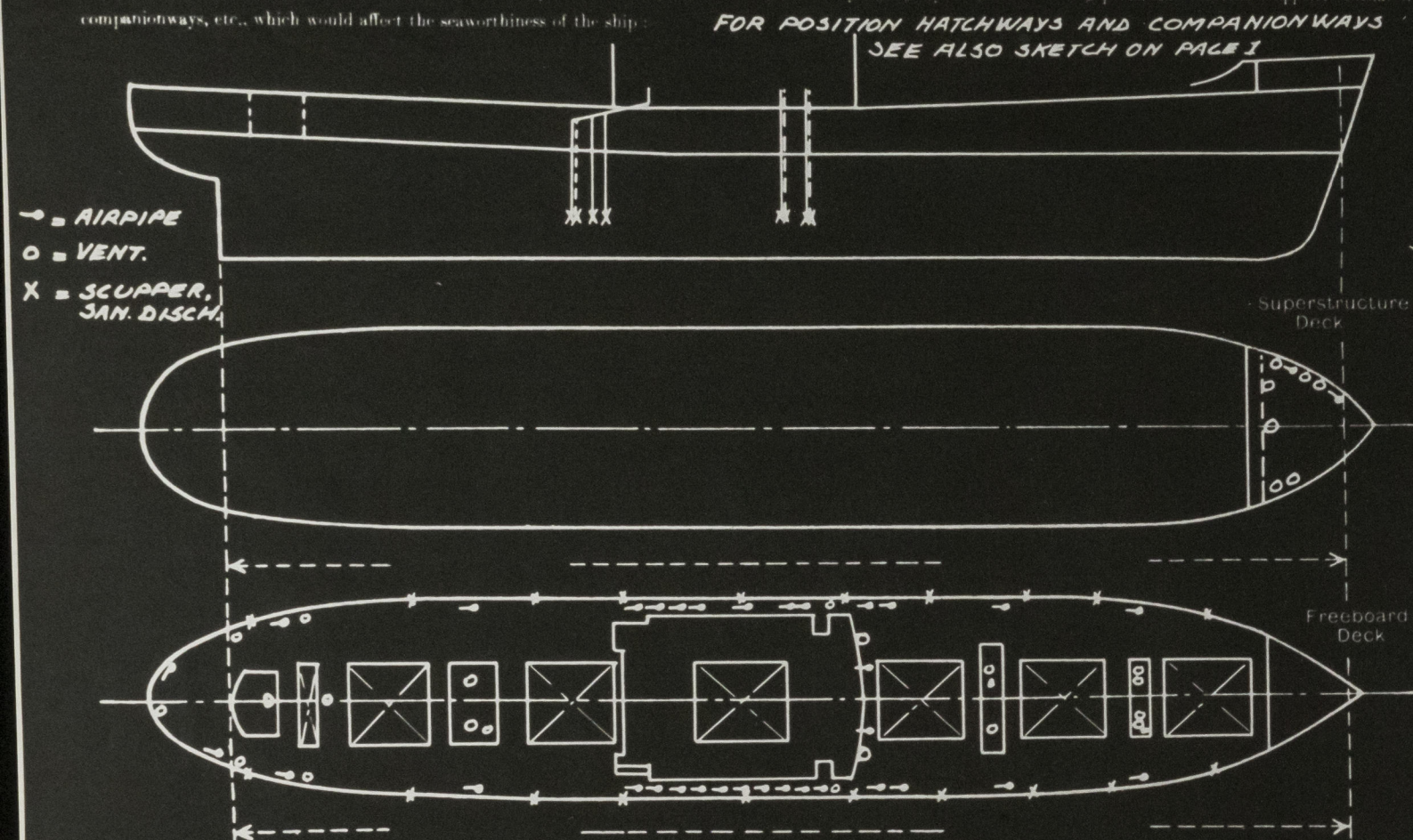
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Peep Bulkhead	
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	A & C HINGED STEEL WEATHERTIGHT DOORS, CAPABLE BEING OPERATED BOTH SIDES.
Exposed Machinery Casings on Superstructure Decks	B PORTABLE STEEL PLATES, FITTED WITH BOLTS ON PLATES (CLASS 2)
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
Deckhouse amidships	ALL DOORS HINGED STEEL WEATHERTIGHT DOORS, CAPABLE BEING OPERATED BOTH SIDES.



## CLOSED CONDITION PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship:



Particulars of hully, funnel and ventilator casings, engine room skylight and other openings in machinery casing tops and their means of closing.

FUNNEL (VENTS. INCORPORATED) AND E.R. SKYLIGHT STRONGLY CONSTRUCTED OF STEEL. SKYLIGHT FITTED WITH HINGED STEEL FLAPS WITH STRONG BULLSEYE LIGHTS.

Particulars of Flush Bunker Scuttles: NONE FITTED.

Particulars of Companionways: SEE ALSO PAGE 1 FOR MIDSHIP DECKHOUSE. (including those incorporated in deckhouses and masthouses) (THE DOORS MARKED E, N, G & M ARE NOT LEADING TO SPACES

BELOW THE FREEBOARD DECK.)  
 COMPANIONWAYS TO TWEENDECKS AND HOLDS ENCLOSED IN THE (3) MAST DECKHOUSES, STRONGLY BUILT OF STEEL. COMPANIONWAY TO STEERING GEAR ROOM ENCLOSED IN POOP DECKHOUSE, STRONGLY BUILT OF STEEL.  
 ALL DOORS HINGED STEEL DOORS, 1370 x 700 OPENING, CAPABLE OF BEING OPERATED BOTH SIDES/SILL 670.

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

		CLOSING ARRGS	
FOCSLE DECK:		HEIGHT 915	ALL GOOSENECKS
6	- 150 DIA x 7/GOOSENECKS	HEIGHT 2700	AND VENTS. WITH
1	- 515 DIA x 13/DERRICK POST	HEIGHT 13700	FIXED COWLS ARE
FREEBOARD DECK:		HEIGHT 915	PROVIDED WITH STEEL
2	- 300 DIA x 12/DERRICK POSTS	HEIGHT 915	HINGED FLAPS
2	- 150 DIA x 7/GOOSENECKS	HEIGHT 915	SECURED BY SWIVEL
4	- 200 DIA x 7/GOOSENECKS	HEIGHT 915	BOLTS.
1	- 100 DIA x 6/GOOSENECK	HEIGHT 4800	REMAINDER: PLUGS
MAST DECKHOUSE 1/2:		HEIGHT 760	AND CANVAS COVERS
1	- 650 DIA x 10/DERRICK POST	HEIGHT 760	
2	- 320 DIA x 10/ORD. TYPE	HEIGHT 3250	
2	- 750 DIA x 12/DERRICK POSTS	HEIGHT 1200	
MAST DECKHOUSE 1/3:		HEIGHT 760	
2	- 450 x 350 x 10/FIXED COWL	HEIGHT 1300	
1	- 320 DIA x 10/ORD. TYPE	HEIGHT 760	
MAST DECKHOUSE 1/5:		HEIGHT 1300	
2	- 1000 x 600 x 10/FIXED COWL	HEIGHT 760	
POOP DECKHOUSE:		HEIGHT 760	
1	- 300 DIA x 10/ORD. TYPE	HEIGHT 760	

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:

		CLOSING ARRGS	
FOCSLE DECK:		HEIGHT 460	
2	- 150 DIA		
1	- 180 DIA		
12	- 150 DIA		
2	- 125 DIA	HEIGHT 915	
6	- 100 DIA		
2	- 75 DIA		
3	- 65 DIA		
7	- 50 DIA		

O.F. TANK AIR PIPES PROVIDED WITH WIRE GAUZE AND CANVAS COVERS, REMAINDER: WOOD PLUGS.

Particulars of Gangway Cargo and Coaling Ports: NONE FITTED

Particulars of Scuppers and Sanitary Discharge Pipes:

10 - 150 DIA SCUPPERS (P&S) FROM UPPERDECK LED OVERBOARD CLOSE UNDER DECK.  
 FOCSLE SPACE DRAINED BY 38 DIA OPENINGS IN BULKHEAD (P&S) CLOSED BY PLUGS ATTACHED TO BULKHEAD BY CHAIN.  
 SPACES ABOVE AFTERPEAKTANK (STEERING GEAR ROOM) AND ABOVE FOREPEAKTANK (CHAINLOCKER & STORES) DRAINED BY HANDPUMPS 38 DIA, DISCHARGING OVERBOARD THROUGH SHELL (PIPES LOOPEO JUST UNDER UPPER-RESP. FOCSLE DECK).  
 1 - 125 DIA SAN. DISCHARGE (P&S)  
 2 - 100 DIA SAN. DISCHARGE (P&S)  
 1 - 100 DIA SAN. DISCHARGE (S. ONLY)  
 1 - 50 DIA SAN. DISCHARGE (S. ONLY)

FROM ACCOMMODATION SITUATED IN MIDSHIP DECKHOUSE (ABOVE FREEBOARD DECK) LED OVERBOARD BELOW SECOND DECK, BRONZE STORMVALVES FITTED AT SHIPS SIDE.

Particulars of Side Scuttles and Deadlights:

NONE FITTED IN FOCSLE SPACE  
 NONE FITTED BELOW UPPERDECK

Vertical distance of sill of lowest Side Scuttle above top of deck.  
 Distance from gunwhale to centre of lowest Side Scuttle.

Particulars of Guard Rails and Bulwarks:

UPPERDECK BULWARK 1200 HIGH x 7 WITH 203 x 76 x 9 RAILBAR, FLANGED PLATE STAYS 260 x 12, FLANGE 90, 1520 APART. SIMILAR CONSTR. ON FORECASTLE DECK. AT AFTERMOST PART OF UPPERDECK AND AT FOCSLE DECK GUARDRAILS FITTED VIZ. 3 RAILS WITH STANCHIONS 1200 HIGH AND 1500-1800 APART

Particulars of Gangways, Lifelines, etc.:

LIFE LINES CAN BE RIGGED, EYE PLATES PROVIDED

## 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	130.000	1200	FR 5-14; FR 20-78 AND FR 94-161 CONTS. 230 = 100000		23 SQ. M.	7.92m <sup>2</sup>	
Forward Well			FR 78-94 CONTS 75 = 12000		.90 <del>34</del> SQ. M.		
State position of each freeing port	SEE ABOVE 230 ABOVE DECK						
(E. and A. position and height above deck edge)	NONE FITTED						
State whether the freeing ports are fitted with shutters, bays, or rails, and give particulars of such	NONE FITTED						
Additional area where sheer is less than standard.							

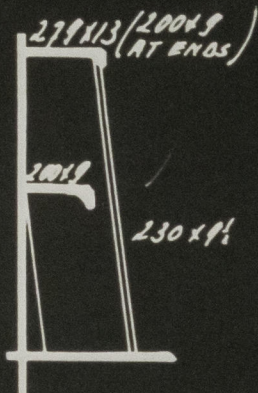




# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

## HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Description of Hatchway	EXPOSED ON FREEBOARD DECK				SITUATED IN FORECASTLE				EXPOSED ON FORECASTLE DECK	
	1 & 5	2 & 3	4	6	7	8	9	10	11	
Dimensions of Hatchway	CARGO	CARGO	CARGO	TONNAGE	STEAR	STORE	CHAINLOCKER	STORE	STORE	
	10640	12920	1498	720	720	1020	515	380	1120	
	x 7500	x 7500	x 7500	x 720	x 720	x 1020	x 900	x 900	x 1020	
Height above Deck	1110	1110		305	760	230	230	230	800	
COAMINGS										
Thickness	11	11		P 12	11	10	10	10	11	
Stiffeners				P 12	11	10	10	10	11	
Brackets, Stays	5	5								
HATCH BEAMS										
Number										
Spacing										
Scantling and Sketch										
Bearing Surface										
Number										
Spacing										
Unsupported Lengths										
Scantling and Sketch										
FORE AND AFTERS										
Bearing Surface										
HATCH COVERS										
Material										
Thickness										
How fitted										
Bearing Surface										
Spacing of Cleats										



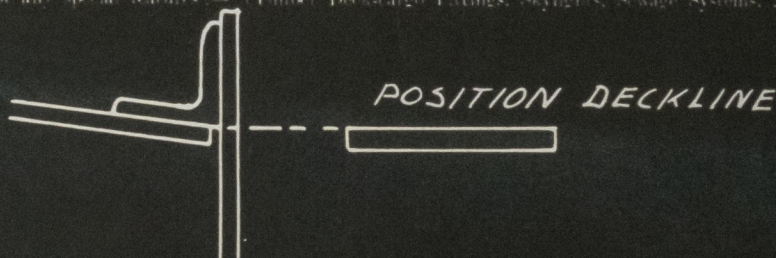
HINGED STEEL W.T. COVERS  
RUBBER PACKING

COVER 8	8	6	6	8
22d SWIVEL BOLTS 4	4	3	3	7

Mc GREGOR STEEL  
TYPE STEEL COVER  
HATCH COVERS SEE  
SEE BELOW BELOW

- \*Are wood fore and afters steel shod at all bearing surfaces?
- Are battens and wedges efficient and in good condition?
- Are tarpaulins in good condition and in accordance with rule requirements?
- Are lashings provided in accordance with rule requirements?
- Are wood covers fitted with galvanised end bands?

Particulars of any special features: (Timber Deckcargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Ballast Shifters, etc.)



TONNAGE HATCH:  
STEEL COVER 8 THICK, STIFF  
120x8 LONGTD. SPACED 667.  
Z 130x75x10 CROSS OVER.  
RUBBER PACKING. HOOK BOLTS  
25 d/a, SPACED 605  
ACCESS HATCH FITTED NEAR  
OPENING 600x600, HINGED  
STEEL COVER 8 THICK, 3 TOLLIES  
COAMING 60.

### Mc GREGOR TYPE HATCHCOVERS (AS PER APPR. PLAN)

7 1/2	7	7	7	7	7 1/2
HATCH 2, 3 AND 4 (6 SECTIONS)					
TOP PLATING 7 1/2-7					

### FOLDING DIRECTION

7 1/2	7	7	7	7 1/2
HATCH 1 AND 5 (5 SECTIONS)				
TOP PLATING 7 1/2-7				

ALL GIRDER: WEB 7- x 310 AT 4  
FACE FLAT 250 x 12 1/2 MARKED X  
REMAINDER 230 x 12 1/2 +  
ENDS: WEB 7 1/2 x 310 AT 4  
FACE FLAT 130 x 12 1/2 +  
AND L 120 x 80 x 10

ACCESS HATCHES: (FLUSH)  
OPENING 690 x 520  
HINGED STEEL COVER  
7 1/2 THICK, 3 CLEATS



© 2021

Lloyd's Register  
Foundation