

# OIL ENGINE SURVEYS.

7E

NAME "HIKAWA MARU"

SURVEY DUE 12-53

PORT MAIN ENGINE.	DATES OF SURVEY.									
	Numbered from forward.									
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10
Cylinders, Pistons, Covers, Valves and Gears	12.51 6.51 8.50	1.53 6.52 6.51	6.52 6.51 8.50	12.51 8.50	8.52 6.52 8.50	4.52 6.51	6.52 1.51 8.50	4.52 8.50		
Connecting Rods and Top ends	7.53 6.51	1.53 6.52 6.51	6.51	8.50	6.52	6.51	1.51 8.50	8.50		
Bottom Ends	all 6.51	7.53 6.51	1.53 6.51	1.53 6.51	8.50	6.52	6.51	1.51 8.50	8.50	
Journals	all 6.51		1.53		1.53			1.51	8.50	8.50
Thrust		6.51	12.51	1.53	Intermediate Shafts		1.51	12.51		
Compressors on Main Engine	(3)	6.51	Main MB 7.53		Compr. Coolers MP+LP 4.52		Scavenge Pumps			

Yka 8.50 Y35000  
YRo. 1.51 Y25000  
6.51 Y35000  
12.51 Y20000  
Ykobe 4.52 Y20000  
6.52 Y20  
Yka 8.52 Y15000  
Yka 1.53 Y25000  
7/53 Y10000  
11.53 Y20000

STARBOARD ENGINE.	DATES OF SURVEY.									
	Numbered from forward.									
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10
Cylinders, Pistons, Covers, Valves and Gears	7.53 12.51	8.52 4.52 8.50	4.52 12.51 1.51 8.50	12.51 6.51 8.50	1.53 8.50	1.53 4.52 8.50	6.52 8.50	6.52 8.50		
Connecting Rods and Top ends	7.53	8.50	4.52 1.51	6.51	1.53 8.50	8.50	8.50	6.52 8.50		
Bottom Ends	all 6.51	7.53	8.50	4.52 1.51	6.51	1.53 8.50	8.50	8.50	6.52 8.50	
Journals	all 6.51	1.53	1.53 8.50	1.53		8.50	8.50	1.51 8.50	1.51	
Thrust		6.51	12.51	1.53	Intermediate Shafts		1.51	12.51		
Compressors on Main Engine	(2)	6.51	6.52	MB 7.53	Compr. Coolers MP+LP 4.52		6.52	Scavenge Pumps		

## AUX. ENGINES.

Port Forward (all) 8.50 7.53  
Port Aft (all) 1.51 6.51 7.53

Starboard (No. 1) 12.51 1.53

Emerg 7.53

3 on aux eng  
Aux. Compressors

P.F. 8.50 7.53

Starboard 4.52 7.53

Emerg 6.51

Elec. 6.52

Compr. Coolers Starboard 4.52  
Elec. 6.52

Starting Air Receivers

Main  
Starboard 6.51  
Port aft 6.51  
" Aft 4.52

Aux. None

Injection Air Receivers

Main  
2 on ME platform 1.53  
(4) 2 on Starboard (FRAS) 4.52

Aux. Starboard 1.53  
(3) P aft

Propellers and Sea Connections

6.51 6.52 1.53

Pumping Arrangements

Starboard 1.53  
Port Pump 6.51

PUMPS	Bilge	Emergency 6.52 P.F. 1.53 Starboard 6.51
	Ballast	S. 1.51 7.53
	General Service	S.O. 2 P. 1.53 cooling 1.53 12.51
	Lub. Oil	P.O. 5.1. Lub 6.51 8.50 1.53
	Fuel	Port 4.52 P.F. 1.53 P.O. 2.7.53
	Condensing Plant	6.51 7.53

PUMPS	Piston Cooling	12.51 Port main cooling 6.51
	Jacket Cooling	Starboard 6.51
	Fuel Transfer	Starboard 1.51
	Lub. Oil	S.O. 6.51 P.F. 1.53
	Water Coolers	P.O. 6.51 P.A. 6.51
	Feed Pumps	3) 12.51

per year letter 26 11 51

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