

LIST OF SHIP SPARE PARTS AND EQUIPMENT

- -Ourlist of shipmachineryspareparts-
 - BERGEN BRM 6

PIECE	NUMBER OF PIECES
PISTON	8
LINER	6
FUEL PUMPS	39
PISTON ROD	9
COVER	2
ROD BEARING	32



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- WARTSILA 32

PIECE	NUMBER OF PEICES
LINER	7
PISTON	10
COVER	8
PISTON ROD	5



- DEUTZ 8M816

PIECE	NUMBER OF PIECES
LINER	11
PISTON	12
CRANK	1
FUEL POMPS BOSCH 244	4



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- SULZER 25 ATL

PIECE	NUMBER OF PIECE
COVER	8
PISTON SKIRT	1
PISTON ROD	6
LINER	14
CONNECTING ROD	23
PISTON	12
PISTON CROWN	2
FUEL PUMPS	8
MAIN BEARING	35
VALVE	17
CRANK	2



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- MAK551

PIECE	NUMBER OF PIECE
PISTON ROD	12
SEKMAN	44
COVER	16
FUEL POMP	18
ALUMINUM SIDE COVER	11
THREADED SLOT	1
LONG WHIP	8
LINER	7
PISTON	10
EXHAUST MANIFOLD	12
PISTON PIN	16
LATE WHEEL	1



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- MAK8M601C

PIECE	NUMBER OF PIECE
BEARING	6
COVER	5
PIECE	NUMBER OF PIECE
PISTON RING	41
EXSHAUST HOUSTING	7
PISTON ROD	11
PISTON	7
PISTON CROWN	3
PISTON PIN	8
COVER INSIDE	3



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- MAN28-32

PIECENUMBER OF PIECE

INJECTOR	23
COVER	1
BEARING	31



- MAN58-64

PIECE	NUMBER OF PIECE
INJECTOR	6
EXSHAUST VALVE	10
WATER JACKET	31
PISTON	5
PIECE	NUMBER OF PIECE
LINER	31

LIST OF SHIP SPARE PARTS AND EQUIPMENT

COVER	11
LOVER COVER	2
COVER TOP	1



- MAN 7S 60 MC=60 MC=C AVAILABLE

PIECENUMBER OF PIECE

FUEL PUMPS	5=4
WATER JACKET	4
LINER	4=8
COVER	9
LOVER COVER	3
INJECTOR	2
WHIP	5

LIST OF SHIP SPARE PARTS AND EQUIPMENT

PISTON COMPLATE	1
HYDROLIC VALVE GROUP	11
PALENGER	3
COVER UNDERSIZE	3



- SULZER 8 ZAL 40S

PIECE	NUMBER OF PIECE
OIL PUMPS	4
PISTON ROD	17
FUEL PUMPS	66
BEARING	15
CRANK	2

LIST OF SHIP SPARE PARTS AND EQUIPMENT

LINER	48
COVER	56
PISTON	58
PISTON BOWL	2



- WARTSILA 46

PIECE	NUMBER OF PIECE
PISTON ROD	17
FUEL PUMPS	16
LINER	20
LATHE WHEEL	2
PISTON	22
PISTON PIN	17
PIECENUMBER OF PIECE	
CAMSHAFT	21
PISTON RING	11

LIST OF SHIP SPARE PARTS AND EQUIPMENT

BEARING

16



- YANMAR M220AL-UN

PIECE

NUMBER OF PIECE

LINER

2

PISTON

2

FUEL PUMPS

2

ROD BEARING

10



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- MAN 6S 50MC-C

PIECE	NUMBER OF PIECE
PISTON COMPLATE	6
WATER JACKET	7
WHIBE	6
COVER	1



- DAIHATSI DS-26

PIECE	NUMBER OF PIECE
LINER	5
PIECENUMBER OF PIECE	
PISTON	6
PISTON ROD	5
PISTON PIN	34

LIST OF SHIP SPARE PARTS AND EQUIPMENT



- 66=GFC A6L

PIECE	NUMBER OF PIECE
PISTON LOVER	4

- WARTSILA 8L20

PIECE	NUMBER OF PIECE
INJECTOR	7
LINER	9
VALVE	3
COVER	8
FUEL PUMPS	8
PISTON	8
OIL PUMPS	3
OIL COOLER	1

LIST OF SHIP SPARE PARTS AND EQUIPMENT



- MAN 8 L40-54

PIECE	NUMBER OF PIECE
COVER	8
LINER	10
PISTON	9
EXSHAUST VALVE	3
LATHE WHEEL	1
FUEL PUMPS	7
WATER JACKET	9
PISTON ROD	3



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- WARTSILA 12V32LN

PIECE	NUMBER OF PIECE
COVER	24
LINER	24
PISTON	24
FUEL PUMPS	24
OIL PUMPS	4
CRANK	2



- WARTSILA 12V32E

PIECE	NUMBER OF PIECE
COVER	24
LINER	24
PISTON	24
FUEL PUMPS	24

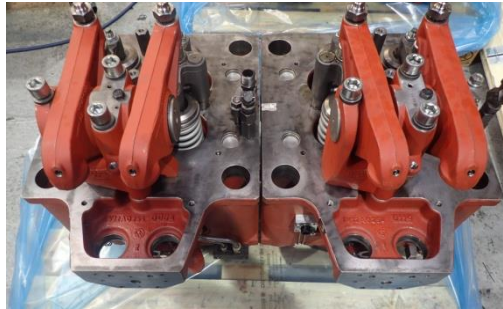
LIST OF SHIP SPARE PARTS AND EQUIPMENT

OIL PUMPS

4

CRANK

2



- WARTSILA 8R32E

PIECE

NUMBER OF PIECE

COVER

8

LINER

8

PISTON

8

FUEL PUMPS

8

OIL PUMPS

2

CRANK

1



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- DEUTZ SBA 8M528

PIECE	NUMBER OF PIECE
COVER	8
LINER	8
PISTON	8
CRANK	1



- MAN9L40-45

PIECE	NUMBER OF PIECE
PISTON	18
COVER	18
LINER	18
FUEL PUMPS	18

LIST OF SHIP SPARE PARTS AND EQUIPMENT

EXHASUT MANIFOLD

18

PISTON PIN

18



- FAIRBANKS MORSE FUEL POMP

NUMBER OF PIECE

36



- MERCEDES GENERATOR

PIECE

NUMBER OF PIECE

COVER

17



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- Ship Engine Turbochargers

PIECE	NUMBER OF PIECE
MAN 8L40-54 AIR COOLER	1
NA57-TM9033	2
50 MC-C COOLER AIR COOLER	1
TCA 66 COOLER	1
ABB VTR 304 P 11	5
ABB VTR 504 P 11	1
ABB VTR 354 P 11	3
DEUTZ SBA 528 TURBO CHARGER	1
BBC VTR 454-11	4
ABB TP 557E01	1



LIST OF SHIP SPARE PARTS AND EQUIPMENT

- COMPRESSORS

PIECE	NUMBER OF PIECE
INGERSOLL-RAND 51-2-4 7T2	1
SPERRE HV2 200 162M3 30 BAR	1
HATLAPA W220 30 BAR 170M3	1
WAN COMPRESSOR 25-30M3	1
SULZER GAZ COMPRESSOR K105-2F	3
SAUER COMP 17.5 M3	1
KAESER ASD 57 11 BAR	2



- PUREL BALLAST WATER TREATMENT SYSTEM

PIECE	NUMBER OF PIECE
BALLAST WATER TREATMENT SYSTEM	2
1000M3 6BAR	

LIST OF SHIP SPARE PARTS AND EQUIPMENT



• GENERATOR

PIECE	NUMBER OF PIECE
DETROIT DIESEL 135 KW	1
DAIHATSU M2G-AF 62.5KVA	1
PIECE	NUMBER OF PIECE
VOLVO D7 154KWA	2
DEUTZ F12L714 150 KVA	1



• SEPERATOR

PIECE	NUMBER OF PIECE
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LIST OF SHIP SPARE PARTS AND EQUIPMENT

WESTFALIA OSC-4-02-066	1
SELF JECTOR TYP SJ3000	1
BILGEWAATER SEPERATOR CPS-25B MOD1	1
BOCAN SEWAGE TREATMENT SYSTEM	1
TURRBULO SEPERATOR TYP TMB5 5M3	1
ALFA LAVAL FRESH WATER GENERATOR TYP JWSP-26-0100	1



• CRANE SPARES

PIECE	NUMBER OF PIECE
ODIM MODEL 700-50 17 TONS	1
SPECTROM MECHANISM 610-45	1



LIST OF SHIP SPARE PARTS AND EQUIPMENT



- OTHER VARIOUS SHIP SUPPLIES IN OUR STOCK

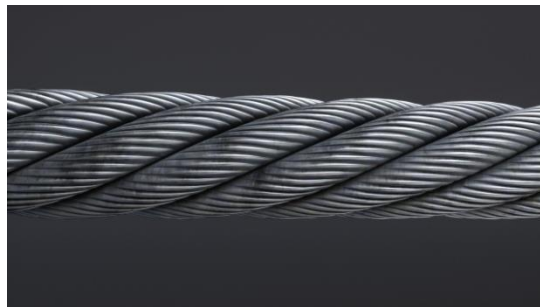
1. SHIP CHAINS IN VARIOUS SIZES



2. SHIP ANCHORS IN VARIOUS SIZES



3. STEEL ROPES IN VARIOUS SIZES



4. SILK NYLON ROPES IN VARIOUS SIZES AND VARIOUS TYPES

LIST OF SHIP SPARE PARTS AND EQUIPMENT



5. OXYGEN AND CO2 CYLINDERS



6. LIFE BOATS OF VARIOUS SIZES



LIST OF SHIP SPARE PARTS AND EQUIPMENT

7. SHIP ELECTRICAL ELECTRONIC NAVIGATION DEVICES VARIOUS ELECTRONIC MATERIALS



8. POLISHED ANTIQUE SHIP ACCESSORIES

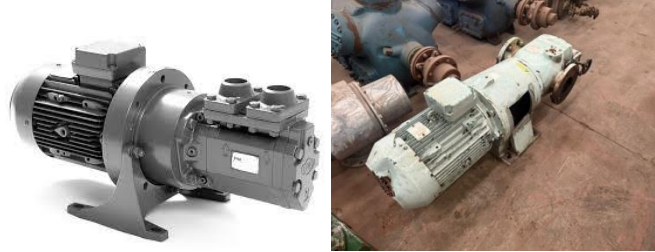


9. VARIOUS BALLAST PUMPS OF THE SHIP



10. VARIOUS OIL PUMPS AND FUEL PUMPS FOR THE SHIP

LIST OF SHIP SPARE PARTS AND EQUIPMENT



11. VARIOUS COOLING COMPRESSOR SYSTEMS OF THE SHIP



12. VARIOUS KITCHEN EQUIPMENT FOR SHIPS



13. VARIOUS ELECTRIC MOTORS

LIST OF SHIP SPARE PARTS AND EQUIPMENT



14. VARIOUS SAFETY EQUIPMENT



15. HI FOG SYSTEM WITH DEUTZ DIESEL ENGINE AND ELECTRIC MOTOR



16. BOILER HEADS

LIST OF SHIP SPARE PARTS AND EQUIPMENT

17. LASHING EQUIPMENT



18. HYDRAULIC EQUIPMENT

19. WORKSHOP EQUIPMENT



20. MACHINE TEST EQUIPMENT AND DISASSEMBLY APPARATUS

21. LATHE MILLING DRILLING EQUIPMENT



LIST OF SHIP SPARE PARTS AND EQUIPMENT

22. STUD AND BOLT NUT TYPES



23. VALVE GRINDING MACHINES

24. HYDRAULIC LIFTING EQUIPMENT

25. VARIOUS PROVISION CRANES AND WAREHOUSE CRANES



26. GROUND CRANE



LIST OF SHIP SPARE PARTS AND EQUIPMENT

27. UNLOADING EQUIPMENT



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