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GOVERNMENT OF THE PEOPLE'S REPUBLIC OF
BANGLADESH

MINISTRY OF PLANNING

Statistics Division

NOTIFICATION

Dacca, the 8th January, 1980

No. S. R. O. 11-L/80/PB/PM/3(94)/79.—In exercise of the powers conferred by proviso to article 133 of the Constitution of the People's Republic of Bangladesh, the Vice-President exercising the powers of the President as delegated to him by the President under President's Secretariat, President's Division (Public) Notification No. PS/Admn/3(24n)/78-1569, dated the 20th November, 1978, and after consultation with the Bangladesh Public Service Commission as required by clause (2) of article 140 of that Constitution, is pleased to make the following rules, namely:—

THE NON-GAZETTED EMPLOYEES (STATISTICS
DIVISION) RECRUITMENT RULES, 1979

1. **Short title.**—These rules may be called the Non-Gazetted Employees (Statistics Division) Recruitment Rules, 1979.

2. **Definition.**—In these rules, unless there is anything repugnant in the subject or context,—

- (a) “appointing authority” means the Government and includes any officer authorised by the Government to make appointment to a specified post;
- (b) “Commission” means the Bangladesh Public Service Commission;
- (c) “Division” means the Statistics Division and includes the Bangladesh Bureau of Statistics and all Statistical Organisations placed thereunder;
- (d) “Departmental Promotion Committee” means the Departmental Promotion Committee constituted by the Government in this behalf;
- (e) “Probationer” means a person appointed on probation to a specified post;
- (f) “recognised university” means a university established by or under any law for the time being in force and includes any other university declared by the Government, after consultation with the Commission, to be a recognised university for the purposes of these rules;
- (g) “requisite qualification”, in relation to a specified post means the qualification specified in the Schedule in relation to that post;
- (h) “Schedule” means the Schedule annexed to these rules. and
- (i) “specified post” means a post specified in the Schedule.

3. **Procedure for recruitment.**—(1) Subject to the provisions of the Schedule and instructions relating to reservation for the purposes of clause (3) of article 29 of the Constitution, appointment to a specified post shall be made—

- (a) by promotion; or
- (b) by direct recruitment.

(2) No person shall be appointed to a specified post unless he has the requisite qualification and, in the case of direct recruitment, he is also within the age limit laid down in the Schedule for that post:

Provided that there shall be no age limit for departmental candidates.

4. **Appointment by direct recruitment.**—(1) No appointment to a specified post by direct recruitment shall be made except upon the recommendation of the Commission.

(2) No person shall be eligible for appointment to a specified post by direct recruitment, if he—

- (a) is not a citizen of, or a permanent resident of, or domiciled, in Bangladesh.
- (b) is married to, or has entered into a promise of marriage with, a person who is not a citizen of Bangladesh.

(3) No appointment to a specified post by direct recruitment shall be made until—

- (a) the person selected for appointment is certified by a medical officer, competent to issue a medical certificate in terms of rule 14 of the Service Rules, Part I, to be medically fit for such appointment and that he does not suffer from any such organic defect as is likely to interfere with the discharge of the duties of the specified post; and
- (b) the antecedents of the person so selected have been verified through appropriate agencies and found to be such as do not render him unfit for appointment in the service of the Republic.

(4) No person shall be recommended for appointment to a specified post unless—

- (a) he applied in such form, accompanied by such fee and before such date, as was notified by the Commission while inviting applications for the specified post and his age is within the limit specified in the Schedule on the date of his application to the Commission; and

- (b) in the case of a person already in Government service or in the service of a local authority, he has applied through his official superior.

5. **Appointment by promotion.**—(1) Appointment by promotion to a specified post shall be made by the appointing authority.—

- (a) if the specified post falls within the same class of service, on the recommendation of the Departmental Promotion Committee; and
- (b) if such post is lower in rank from the post the candidate holds, on the recommendation of the Departmental Promotion Committee and in Consultation with the Commission.

(2) A person shall not be eligible for appointment by promotion to a specified post if he has unsatisfactory records of service.

6. **Probation.**—(1) Persons selected for appointment to a specified post against a substantive vacancy shall be appointed on probation,—

- (a) in the case of direct recruitment, for a period of two years from the date of substantive appointment; and
- (b) in the case of promotion, for a period of one year from the date of such appointment:

Provided that the appointing authority may, for reasons to be recorded in writing, extend the period of probation by a period or periods so that the extended period does not exceed two years in the aggregate.

(2) Where, during the period of probation of a probationer, the appointing authority is of opinion that his conduct and work is unsatisfactory or that he is not likely to become efficient, it may, before the expiry of that period,—

- (a) in the case of direct recruitment, terminate his service, and
- (b) in the case of promotion, revert him to the post from which he was promoted.

(3) After the completion of the period of probation, including the extended period, if any, the appointing authority:—

(a) if it is satisfied that the conduct and work of the probationer during the period of his probation has been satisfactory, shall, subject to the provisions of sub-rule (4), confirm him, and

(b) if it is of opinion that the conduct and work of the probationer during that period was not satisfactory, may,—

(i) in the case of direct recruitment, terminate his service, and

(ii) in the case of promotion, revert him to the post from which he was promoted.

Explanation.—The period of probation of a probationer shall be deemed to have been extended until any order under this sub-rule has been made.

(4) A probationer shall not be confirmed in a specified post until he has passed such examination and training as the Government may, from time to time, direct.

SCHEDULE

Sl. No.	Name of the specified post.	Age limit for direct recruitment.	Method of recruitment.	Qualification and experience.
1	2	3	4	5
1	Statistical Investigator	Between 21 and 27 years.	(i) 40% by promotion (ii) 60% by direct recruitment	(i) <i>For Promotion:</i> At least 3 years' experience as Statistical Assistant in the Division. (ii) <i>For direct recruitment:</i> B.A. or B.Sc. with Statistics or Economics or Mathematics or Geography or Sociology as one of the subjects or B. Com from a recognised University with at least 2 years' experience in Statistical work. Experience is relaxable for candidates having Diploma in Statistics from ISRT of Dacca University or any other recognised University.
2	Field Supervisor	Ditto	Ditto	Ditto.
3	Statistical Inspector	Ditto	Ditto	Ditto.
4	Junior Research Assistant	Ditto	Ditto	Ditto.
5	Statistical Assistant	Between 20 and 25 years.	(i) 30% by promotion (ii) 70% by direct recruitment	(i) <i>For Promotion:</i> At least 6 years' experience as Junior Statistical Assistant or Computer or Enumerator or Assistant Field Coordinator in the Division. Preference will be given to those who have field experience. (ii) <i>For direct recruitment:</i> B.A. or B.Sc. with Statistics or Economics or Mathematics or Geography or Sociology as one of the subjects or B.Com. from a recognised University. Candidates having Senior Certificate in Statistics from ISRT of Dacca University or any other recognised University may be given preference.
6	Computer Investigator	Ditto	Ditto	Ditto.
7	Census Supervisor	Ditto	Ditto	Ditto.

8	Thana Statistician	..	Between 18 and 25 years.	(i) 30% by promotion (ii) 70% by direct recruitment	..	(i) For Promotion : At least 6 years' experience as Computer or Junior Statistical Assistant or Union Statistical Assistant in the Division. Experience is relaxable for Graduates.
						(ii) For direct recruitment : B.A. or B.Sc. with Statistics or Economics or Mathematics or Geography or Sociology as one of the subjects or B.Com. from a recognised University. Candidates having Senior Certificate in Statistics from ISRT of Dacca University or any other recognised University may be given preference.
9	Enumerator	..	Between 18 and 25 years.	By direct recruitment	..	H.S.C. in Science or Humanities from a recognised Board with Statistics or Economics or Mathematics as one of the subjects or H.S.C. in Commerce or Agriculture from a recognised Board.
10	Assistant Field Coordinator	..	Ditto	Ditto	..	Ditto.
11	Computer	..	Ditto	Ditto	..	Ditto.
12	Junior Statistical Assistant	..	Ditto	Ditto	..	Ditto.
13	Union Statistical Assistant	..	Ditto	Ditto	..	Ditto.
14	Senior Key Punch Operator	..	Between 18 and 25 years.	(i) 60% by promotion (ii) 40% by direct recruitment	..	(i) For promotion : At least 4 years' experience as Key Punch Operator in the Division. (ii) For direct recruitment : B.A. or B.Sc. with Statistics or Economics or Mathematics as one of the subjects or B.Com. from a recognised University with experience as Key Punch Operator.
15	Key Punch Operator	..	Between 18 and 25 years.	By direct recruitment	..	H.S.C. in Science or Humanities from a recognised Board with Statistics or Economics or Mathematics as one of the subjects or H.S.C. in Commerce from a recognised Board.

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16	Technical Operator	Between 18 and 25 years.	(i) 60% by promotion (ii) 40% by direct recruitment	(i) For promotion : At least 5 years' experience as Junior Operator in the Division. (ii) For direct recruitment : Bachelor's degree, preferably in Science, from a recognised University with at least 1 year's experience in operation and maintenance of printing machineries or Diploma from Graphic Arts Institute with at least 1 year's experience in operation and maintenance of printing machineries. Qualification is relaxable for candidates having at least 6 years' experience in operation and maintenance of printing machineries.
17	Monotype Operator	Between 18 and 25 years.	By direct recruitment	Bachelor's degree, preferably in Science, from a recognised University with at least 1 year's experience in Key-Board Operation of monotype composing and casting machines or Diploma from the Graphic Arts Institute with 1 year's experience in Key-Board operation of monotype composing and casting machines. Qualification is relaxable for candidates having at least 5 years' experience in manual compose works.
18	Lino-Type Operator	Between 18 and 25 years.	By direct recruitment	Bachelor's degree, preferably in Science, from a recognised University with at least 1 year's experience in Key-Board Operation in Lino-Type composing machines. Qualification is relaxable for candidates having at least 5 years' experience in Key-board operation of lino-type composing machines.

19	Composer	..	Between 18 and 25 years.	(i) 60% by promotion (ii) 40% by direct recruitment.	(i) <i>For promotion:</i> At least 5 years' experience as Junior Composer in the Division. (ii) <i>For direct recruitment:</i> Bachelor's degree from a recognised University with at least 1 year's experience in manual compose work. Qualification is relaxable for candidates having at least 5 years' experience in manual compose work.
20	Photographer	..	Between 18 and 25 years.	(i) 60% by promotion (ii) 40% by direct recruitment	(i) <i>For promotion:</i> At least 5 years' experience as Dark Room Assistant in the Division. (ii) <i>For direct recruitment:</i> Bachelor's degree, preferably in Science, from a recognised University, with at least 1 year's experience in photography with knowledge of processing and developing litho-films and operation of offset process camera. Qualification is relaxable for candidates having at least 5 years' experience in photography with knowledge of processing and developing litho-films and operation of offset process cameras.
21	Layout Designer	..	Between 18 and 25 years.	By direct recruitment	Bachelors degree from a recognised University with at least 1 year's experience in layout and design works in offset printing works. Qualification is relaxable for candidates having at least 5 years' experience in layout and design works in offset printing works.

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22	Cold Composer Typist	Between 18 and 25 years.	(i) 60% by promotion (ii) 40% by direct recruitment	(i) For promotion: At least 5 years' experience as typist in the Division and capable of handling all types of typewriters used for making offset masters. (ii) For direct recruitment: Diploma from Government Commercial Institute in Secretarial Science with at least 1 year's experience in handling all types of typewriters used for making offset masters. Qualification is relaxable for candidates having at least 5 years' experience in handling all types of type-writers used for making offset masters.
23	Proof Reader	Between 18 and 25 years.	By direct recruitment	Bachelor's degree from a recognised University with at least 1 year's experience in proof reading work. Qualification is relaxable for candidates having at least 5 years' experience in proof reading work.
24	Plate Maker	Between 18 and 25 years.	(i) 60% by promotion (ii) 40% by direct recruitment	(i) For promotion: At least 5 years' experience as Assistant Plate Maker in the Division. (ii) For direct recruitment: Bachelor's degree, preferably in Science, from a recognised University with at least 1 year's experience in processing and developing of all types of surface and deep-etch offset plates. Qualification is relaxable for candidates having at least 5 years' experience in processing and developing of all types of surface and deep-etch offset plates.

- 25 Junior Operator .. Between 18 and 25 By direct recruitment years.
 .. H.S.C. from a recognised Board with at least 2 years' experience in operation and maintenance of printing machineries.
 Qualification is relaxable for candidates having at least 6 years' experience in operation and maintenance of printing machineries.
- 26 Junior Compositor .. Between 18 and 25 By direct recruitment years.
 .. H.S.C. from a recognised Board with at least 2 years' experience in manual compose works.
 Qualification is relaxable for candidates having at least 6 years' experience in manual compose works.
- 27 Dark Room Assistant .. Between 18 and 25 By direct recruitment years.
 .. H.S.C. from a recognised Board with at least 2 years' experience in photography with knowledge of processing and developing litho-films and operation of offset process camera.
 Qualification is relaxable for candidates having at least 6 years' experience in photography with knowledge of processing and developing litho-films and operation of offset process camera.
- 28 Assistant Plate Maker .. Between 18 and 25 By direct recruitment years.
 .. H.S.C. from a recognised Board with at least 2 years' experience in processing and developing of all types of surface and deep-etch offset plates.
 Qualification is relaxable for candidates having at least 6 years' experience in processing and developing of all types of surface and deep-etch offset plates.
- 29 Stripper-cum-Retoucher .. Between 18 and 25 By direct recruitment years.
 .. H.S.C. from a recognised Board with at least 2 years' experience in stripping and retouching works in any lithographic press.
 Qualification is relaxable for candidates having at least 6 years' experience in stripping and retouching work in any lithographic press.
- 30 Book Binder .. Between 18 and 25 By direct recruitment years.
 .. H.S.C. from a recognised Board with at least 2 years' experience in all types of publications and stationery binding and rebinding works such as limp, quarter, flush or turned-in-half, three-quarter case and full-binding, etc.

1	2	3	4	5
31 Copy Holder Between 18 and 25 years.	By direct recruitment	Qualification is relaxable for candidates having at least 6 years' experience in work as stated above.
.. H.S.C. from a recognised Board with at least 2 years' experience with ability to read English and Bengali manuscripts and to decipher bad or defective manuscripts.
32 Monotype Caster Between 18 and 25 years.	By direct recruitment	Qualification is relaxable for candidates having 6 years' experience in works stated above.
.. H.S.C. from a recognised Board with at least 2 years' experience in operation and maintenance of monotype composing and casting machines.
33 Plate Grainer Between 18 and 25 years.	By direct recruitment	Qualification is relaxable for candidates having at least 6 years' experience in operation and maintenance of monotype composing and casting machines.
.. Read up to class VIII with at least 4 years' experience in offset plate graining work.
34 Proof Man Between 18 and 25 years.	By direct recruitment	Qualification is relaxable for candidates having at least 6 years' experience in plate graining work.
.. Read up to class VIII with at least 4 years' experience in operation of proof machine and handling of metal composed matters.
35 Packer Between 18 and 25 years.	By direct recruitment	Qualification is relaxable for candidates having at least 6 years' experience in the trade.
.. Read up to class VIII with at least 4 years' experience in packing work.
.. Qualification is relaxable for candidates having at least 6 years' experience in the trade.

- 36 Machineman-cum-Cleaner Between 18 and 25 years. By direct recruitment Read up to class VIII with at least 4 years' experience as a machineman helper in any reputed printing press.
- 37 Daftary Between 18 and 25 years. (i) 60% by promotion (ii) 40% by direct recruitment Qualification is relaxable for candidates having at least 6 years' experience in the trade.
- (i) For promotion: At least 4 years' experience as MLSS in the Division.
- (ii) For direct recruitment: Read up to class VIII with at least 4 years' experience as MLSS in any agency.
- 38 Gesteiner Operator Between 18 and 25 years. By direct recruitment Read up to class VIII with at least 4 years' experience in operation and maintenance of Gesteiner or Duplicating machines.

By order of the President
 A. K. M. GOLAM RABBANI
 Secretary.

MINISTRY OF FINANCE
Internal Resources Division

Customs

NOTIFICATION

Dacca, the 8th January, 1980.

No. S. R. O. 12-L/80/517/Cus.—In exercise of the powers conferred by section 19 of the Customs Act, 1969 (IV of 1969), the Government is pleased to direct that Ocean-going vessels of DWT 7000 tons and above engaged in international trade and falling under Heading No. 89-01 of the First Schedule to the Tariff Act, 1934 (XXXII of 1934), and other tackles and equipments as enumerated in the Table below and imported along with the vessel at the time of its first importation, shall be exempt from the whole of the customs-duties leviable thereon.

TABLE
MAIN ENGINE,

No.	Items.	Quantity.
CYLINDER COVER AND CYLINDER LINER		
1.	Cylinder cover with studs, nuts and disk spring (excluding valves and tightening ring).	2 Set
2.	Studs and nuts for cover tightening for one cylinder	1 Set
3.	Tightening ring on cylinder cover	2 Set
4.	Cylinder liner complete (including cooling ring and non-return valves for lubrication)	2 Set
5.	Packing rings of cylinder liner	6 Set
EXHAUST VALVE		
6.	Exhaust valve complete (excluding cooling connection)	3 Set
7.	Non-return valves for exhaust valve push rod	3 Set
8.	Valve seat, valve spindle with cone pieces, wear pushes and spring for exhaust valve.	3 Set
9.	Pressure cylinder with springs, piston for pressure cylinder and non-return for exh. valve driving gear.	3 Set
FUEL VALVE		
10.	Fuel valve, complete for one cylinder (Including joint pieces for cooling and drain oil).	14
11.	Spring and rubber rings for fuel valve	12

No.	Items.	Quantity.
12	Spindle and spindle guide for fuel valve .. .. .	.. 12
13	Aotomizer for fuel valve .. .. .	.. 24
14	Air vent screw for fuel valve .. .. .	.. 12
FUEL PUMP		
15	Fuel pump cylinder complete with plunger and suction valve ..	.. 3 Set
16	Spring for roller guide .. .. .	.. 1 Set
17	Suction valve complete .. .. .	.. 4
18	Spring for suction valve .. .. .	.. 4
19	High pressure pipe each type with connection piece ..	.. 1 Set
20	Distribution piece for fuel high pressure pipe. .. ..	.. 1 Set
21	Bolt for high pressure pipe (Fuel Valve) .. .. .	.. 1 Set
STARTING VALVE		
22	Starting air valve complete with exploding cap .. .. .	.. 2 Set
SAFETY VALVE FOR CYLINDER		
23	Cylinder safety valve complete .. .. .	.. 2 Set
INDICATOR VALVE		
24	Indicator valve complete .. .. .	.. 6 Set
PISTON AND PISTON ROD		
25	Piston with piston rings and fitting bolts (incouding piston rod, cooling insert and disk spring)	1 Set
26	Piston rings .. .. .	.. 12 Set
27	Piston rod stuffing box complete with tighterning rings and scraping rings	1 Set
28	Telescopic pipe with guide for piston cooling oil .. ..	.. 1 Set
29	Scraper and tightening rings for piston rod stuffing box ..	.. 6 Set
CONNECTING ROD		
30	Crank pin bearing in 2/2 with shims .. .. .	.. 1 Set
31	Bolts and nuts for crank pin bearing .. .. .	.. 1 Set
32	Cross head bearing in 2/2 with shims .. .. .	.. 1 Set
33	Bolts and nuts for cross head bearing .. .. .	.. 1 Set
CHAIN AND CAMSHAFT DRIVING DEVICE		
34	Camshaft chain links .. .. .	.. 12 Links.
35	Rubber piece for camshfat chain device .. .. .	.. 1 Set
36	Bearing bushes of each type for chain device .. .. .	.. 1 Set.
37	Chain links for governor and distributor .. .. .	.. 2 Links

No.	Items.	Quantity.
CRANK SHAFT AND TRUST SHAFT		
38	Main bearing shell in 2/2 with shim	1 Journal
39	Studs and nuts for one main bearing	1 Set.
40	Journal bearing for thrust shaft with shim	1 Journal
41	Studs and nuts for one Journal bearing	1 Set
42	Adjusting piece for thrust bearing	2
MISCELLANEOUS PARTS		
43	Flexible rubber joint for cyl. cooling water pipe	1 Set.
44	Cylinde lubricator complete with driving gear	1 Set
45	Plungers and bushes for cylinder lubricator	1 Set.
46	Standard spare of turbo-charger for one engine (Excluding filter segment) ..	1 Set.
47	Bearing for turbo-charger	2
48	Standard spare of woodward governor	1 Set.
49	Bolts and nuts (3/8", 1/2", 5/8", 3/4" 7/8", and 1")	20 for each.
50	Standard spare of pneumatic manoeuvring system	1 Set.
51	Bourdon tube type pressure gauge	1 Set.
52	Industrial type of thermometer	1 Set.
53	Rubber rings for each type of cooling water	2 Set.
54	Rubber rings except above mentioned	1 Set.
SHAFTING AND PROPELLER		
1	"O" ring for propeller boss 4610	1
2	"O" ring for forward oil sealing 4560	1
3	Flange packing for aft compact seal 6270	1
4	Flange packing for aft 5280	1
5	Flange packing for fore compact seal	1
AUXILIARY DIESEL GENERATOR ENGINE		
1	Piston ring (Complete)	18 Sets
2	Piston complete	3
3	Cylinder Complete	3
4	Cylinder head complete	4
5	Fuel pump	4
6	Packing for cylinder liner	18
7	Suction valve	36
8	Exhaust valve	36
9	Valve seat for suction valve	36
10	Valve seat for exhaust valve	36
11	Spring (A) suc. & Exh. valve	72
12	Spring (B) Suc. & Exh. valve	72
13	Packing for cylinder head	18
14	Needle valve assy for F.O. inj. valve	72
15	Plinger assy for F.O. inj. pump	6
16	Delivery valve assy for do	6
17	High pressure tube assy for F.O.	18

No.	Items.	Quantity.
18	Mechanical seal for F.W. pump	6
19	Bearing unit complete (Blower side)	3
20	Bearing unit complete (Turbine side)	3
21	Thermometer for exhaust gas (620c)	6
22	Thermometer for exhaust gas No. 46 500 c	9
23	Thermometer for exhaust gas No. 13 500 c	9
24	Thermometer (100 c 3/8)	10
25	Thermometer (100 c 1/2)	8

EMERGENCY AIR COMPRESSOR AND ENGINE

1	L. P. Outer plate for valve	8
2	L. P. Inner plate for valve	8
3	L. P. Outer spring for valve	8
4	L. P. Inner spring for valve	8
5	H. P. Plate for valve	8
6	H. P. spring for valve	8
7	Piston ring	12
8	Piston ring	8
9	Piston Ring (Oil ring)	4
10	L. P. Valve gasket	8
11	H. P. Valve gasket	8
12	L. P. valve cover gasket	8
13	H. P. valve cover gasket	16
14	Gasket for cylinder head	2

STEAM GENERATING PLANT

AUXILIARY BOILER 1300 Kg/h

1	Hatch cover packing	2
2	Manhole packing	2
3	Inspection tube glass	2
4	Manometer	1
5	Spring for safety valve	2
6	Valve seat for feed water stop valve	2
7	Valve seat for feed water check valve	2
8	Water level indicator proper with (Glass, packing)	2
9	Glass for water level indicator	4
10	Packing for water indicator glass	4
11	Sleeve packing for water level indicator	12

EXHAUST GAS ECONOMIZER

1	Spring for safety valve	2
2	Plug for element	4
3	Packing for plug	4

OIL BURNER

1	Oil pump	2
2	Fuel oil heater element	2
3	Flame eye	2
4	Ignition electrode	2
5	Oil nozzle	8
6	Coil for magnet valve	2
7	Bearing for burner motor	4
8	Thermostat for start-up	2
9	Thermostat for adjustment	2
10	Overload prevention thermostat	6
11	Pressure switch	2
11	Coupling for oil pump	4
11	Coupling cloth for oil pump	4

No.	Items.	Quantity.
14	Magnet switch	2
15	Auxiliary relay	8
16	Overload relay	2
17	Globe of display lamp	5
18	Socket for lamp	5
19	Sprayer ho'y OPV-4	2
20	Valve for sprayer for OPV	4
21	Packing for electric oil heater for EHDA-6	2
22	Oil for damper solenoid	2
23	Delay timer (STP-N-10)	2
24	Contact and spring for magnetic SW	2
25	Coil for magnetic SW	50
26	Auxiliary relay	2
27	Micro switch for cam timber	8
28	Basket for fuel oil strainer	2
		1

PUMP

S. W. COOLING PUMP

1	Impeller	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Bearing for in-water	1
6	Mechanical seal	1
7	Coupling bolt	1

C. F. W. PUMP

1	Impeller	1
2	Shaft	1
3	Mouth bearing	2
4	Ball bearing	1
5	Bearing for in-water	1
6	Mechanical seal	1
7	Coupling bolt	1

S. W. SERV' PUMP

1	Impeller	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Bearing for in-water	1
6	Mechanical seal	1
7	Coupling bolt	1

FIRE AND G.S. PUMP

1	Impeller	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Bearing for in-water	1
6	Mechanical seal	1
7	Coupling bolt	1

VACUUM PUMP FOR FIRE AND G.S.

1	Ranner	1
2	Shaft	1
3	Wearing	1
4	Ball bearing	1

No.	Items.	Quantity.
5	Spring	1
6	Shifter bush	1
7	Shifter ring	1

FIRE AND BILGE BALLAST PUMP

1	Impeller	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Bearing for in-water	1
6	Mechanical seal	1
7	Coupling bolt	1

VACUUM PUMP

1	Ranner	1
2	Shaft	1
3	Wearing	1
4	Ball bearing	1
5	Spring	1
6	Shifter bush	1
7	Shifter ring	1

HOT WATER CIRCULATING PUMP

1	Impeller	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Mechanical seal	1
6	Coupling bolt	1

SANITARY PUMP

1	Impellar	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Mechanical seal	1
6	Coupling bolt	1

AIR CON C.W. PUMP

1	Impellar	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Bearing for in-water	1
6	Mechanical seal	1
7	Coupling bolt	1

FEED WATER PUMP

1	Impeller	1
2	Mouth ring	1
3	Ball bearing	2
4	Mechanical seal	1
5	Coupling bolt	1

No.	Items.	Quantity.
BOILER WATER CIR PUMP		
1	Impellar	1
2	Shaft	1
3	Mouth ring	2
4	Ball bearing	1
5	Mechanical	1
6	Coupling bolt	1
F. W. PUMP		
1	Impellar	1
2	Shaft	1
3	Mouth ring	2
4	Mechanical seal	1
5	Reamer bolt	1
6	Grand packing	1
7	Spring for safety valve	1
8	Seat packing	1
9	Pressure switch	1
DRINK WATER PUMP		
1	Impellar	1
2	Shaft	1
3	Mouth ring	2
4	Mechanical seal	1
5	Reamer bolt	1
6	Grand packing	1
7	Spring for safety valve	1
8	Seat packing	1
9	Pressure switch	1
CAM SHAFT L.O. PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	1
3	Bearing	1
4	Mechanical seal	1
5	Spring for safety valve	1
F. O SUPPLY PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	1
3	Bearing	1
4	Mechanical seal	1
5	Spring for safety valve	1
FUEL VALVE COOLING PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	1
3	Bearing	1
4	Mechanical seal	1
5	Spring for safety valve	1
F. O. TRANSFER PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	1
3	Bearing	1
4	Mechanical seal	1
5	Spring for safety valve	1

No.	Items,	Quantity,
DIESEL OIL SERVICE PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	1
3	Safety spring	1
STURN TUBE L. O. PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	2
2	Bearing	1
4	Grand packing	1
EMERGENCY FIRE PUMP		
1	Impellar	1
2	Shaft	1
F. O. SERV PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	1
L. O PUMP		
1	Pump gear and shaft	1
2	Coupling bolt	1
MOHNO PUMP FOR BILGE		
1	Stator	1
2	Ball bearing	2
3	Gland packing	2
4	"O" ring	4
5	V Belt	1
MOHNO PUMP FOR SLUDGE		
1	Stator	1
2	Ball bearing	2
3	Gland packing	2
4	"O" Ring	4
5	V Belt	1
LUBRICATING OIL PUMP IMO		
1	Power rotor with key	1
2	Idler rotor	2
3	Bearing bush	1
4	Mechanical seal	1
5	Spring for safety valve, large	1
6	Spring for safety valve, small	1
7	Bolt nut and rubber ring for coupling	8
FRESH WATER GENERATOR		
1	Heating tube (heat exchanger)	14
2	Cooling tube (condenser)	5
3	Nozzle for ejector	2
4	Thermometer (straight)	2
5	Thermometer (angular)	2
6	Level glass for fresh water	2
7	Screen for filter	2

No.	Items.	Quantity.
8	Spring for safety valve	2
9	Spring for spring loaded valve	1
10	Packing for top cover	2
11	Packing for cond. cover (inlet)	2
12	Packing for cond. cover (outlet)	2
13	Packing for heat exchanger	4
14	Packing for manhole	3
15	Level glass for chemical tank	1
DISTILLATE PUMP		
1	Shaft complete	1 (Set)
2	Impeller	1
3	Neck bush	1
4	Gland packing	2
EJECTOR PUMP		
1	Shaft	1 Set
2	Impeller	1
3	Ball bearing	2
4	Gland packing	2
THE OTHERS		
1	Solenoid valve seat	1
2	Solenoid valve pilot seat	1
3	Solenoid valve coil	1
4	Pilot lamp, Green	1
5	Pilot lamp, White	1
PURIFIER		
LUB. OIL PURIFIER		
HEAVY F. O. PURIFIER		
1	Main rubber ring	8
2	"O" Ring, different sizes	6
3	Brake lining	4
4	Friction block with lining	12
5	Disk, SUS	4
6	Spiral gear	2
7	Spring for lower bearing	2
8	Brake spring	2
9	Bowl bush	4
10	Ball bearing, different sizes	4
11	Angular contact ball bearing	4
12	U Type packing	2
13	Bush	8
14	Safety joint	10
15	Spring for contact, 16 MM	2
16	Spring for contact, 67 MM	2
17	Spring, 40 MM	2
18	Ball bearing, 26Φ	4
19	Micro switch	2
20	Diaphragm ass'y	4
21	Coil	2
22	Return spring, 23 MM	4
23	"O" Ring for (3 Wagnagnet valve)	16
24	Solenoid Ass'y (3 Wagnagnet valve)	2
25	Diaphragm ass'y (3 Wagnagnet valve)	2

No.	Items.	Quantity.
26	"O" Ring 60Φ (3 Wagnagnet valve)	4
27	Valve disc (3 Wagnagnet valve)	8
28	Piston (3 Wagnagnet valve)	2
29	Aux. Relay, MY-4	4
30	Aux. Relay, SRC-50-2F	2
31	Micro switch for timer	2
32	Timber relay	2

DIESEL OIL PURIFIER 1 Set

1	Main rubber ring, 300Φ	4
2	"O" Ring various sizes	8
3	Brake lining	2
4	Friction block	8
5	Sheet packing, 96Φ	8
6	Disk	2
7	Spiral gear	2
8	Spring for lower bearing	2
9	Brake spring	2
10	Bowl bush	2
11	Ball bearing	4
12	Ball bearing	2
13	Angular contact ball bearing 7305	2
14	Washer	10
15	U type packing	2
16	Gear bush, 20 MM	6
17	Gear bush, 29 MM	2
18	Gear bush	4
19	Safety joint	10

COOLER

250 M L O COOLER

1	Cooling tube	43
2	Protecting zinc, different sizes	12
3	Protecting zinc	8
4	Gasket packing, 1165Φ	2

130M³ F. W. COOLER

1	Cooling tube	32
2	Protecting zinc, different sizes	4
3	Protecting zinc	8
4	Gasket packing	2

FUEL VALVE COOLER

1	Cooling tube	5
2	Gasket packing	2

GENERATOR ENGINE F. W.

1	Cooling tube	16
2	Gasket	4

STURN TUBE COOLER

1	Cooling tube	5
2	Gasket	2

AIR COMP. F. W. COOLER

1	Colling tube	5
2	Gasket	2

No.	Items.	Quantity.
AUX. COND.		
1	Cooling tube	6
2	Gasket	2
F. W. HEATER		
1	Heating tube	22
2	Gasket	2
MISCELLANEOUS		
1	Flushing water pump bearing	2
2	Flushing water pump packing	1
3	Sewage pump steter	2
4	Sewage pump "O" Ring	2
5	Sewage pump grand packing	2
6	Sewage pump bearing	2
7	Magnet contactor	1
8	Relay	5
9	Aux. pump (transfer) steter	1
10	Aux. pump (transfer) "O" Ring Packing	1
11	Relay HP-4	2
OILY SEPARATOR		
1	Shell flange packing	4
2	Safety spring	2
3	Seat packing different sizes	2
4	Socket heat bolt	1
5	Oil strainer filter	2
6	Tool box	1
UNIVERSAL MACHINE/LATHE MACHINE		
1	V Belt	1
2	Half nut	1
3	Shaft for change gear	1
4	Bush for shaft	1
5	Disk clutch	1
6	Pin	1
STERILIZER		
1	Cermicidal lamp	2
CJC FILTER		
1	Fileter element	4
AIR RESERVOIR		
1	Man-hole packing for air reservoir	2 Sets
2	Safety valve spring	1 Set
ENGINE ROOM VENTILATING FAN		
1	Ball bearing one of each size	1 Set
VALVE FOR DO AND F. O. CHANGE OVER		
1	Diaphragm	1 Set
2	Program setting controller	1 Set
3	Temperature transmitter bourdon tube	1
4	Relay	1 Set

No.	Items.	Quantity.
3-WAY AIR OPERATED PISTON VALVE		
1	"O" Ring.. .. .	1 Set
TEMPERATURE CONTROL VALVE FOR MAIN ENG. COOLING		
1	"O" Ring.. .. .	1 Set
2	Diaphragm	1 Set
3	Temperature transmitter bourdon tube	1 Set
TEMPERATURE CONTROL VALVE FOR L. O.		
1	"O" Ring.. .. .	1 Set
2	Diaphragm	1 Set
3	Temperature transmitter bourdon tube	1 Set
TEMPERATURE CONTROL VALVE FOR GEN. COOLING F. W.		
1	Diaphragm	1 Set
2	Temperature transmitter bourdon tube	1 Set
TEMPERATURE CONTROL FOR FUEL V. COOLING F. O.		
1	Diaphragm	1 Set
2	Temperature transmitter bourdon tube	1 Set
WAX VALVE FOR STERN TUBE L.O.		
1	Thermostat assy	1 Set
PRESSURE CONTROL VALVE FOR EXCESS STEAM		
1	Diaphragm	1 Set
STEAM REDUCING VALVE		
1	Spring	1 Set
2	Diaphragm	2
3	Piston ring	4
AIR REDUCING VALVE		
1	Spring	1 Set
2	Diaphragm	2
3	Valve sheet	2
AIR REDUCING VALVE		
1	Spring	1 Set
2	Diaphragm	2
3	Piston ring	8
4	Valve seat	4
AIR REDUCING VALVE		
1	Spring	2
2	Diaphragm	2
3	Piston ring	4
PISTON VALVE		
1	Spring	2
2	"O" Ring.. .. .	1 Set

No.	Items.	Quantity.
3-WAY SOLENOID VALVE		
1	Spring	2
2	"O" Ring	1 Set
TIMBER BOX		
1	Fuse case	2
2	Fuse element	4
3	Lamp	4
BOBBIN TYPE SOLENOID VALVE		
1	Valve sheet	1 Set
2	Spring	6
DIRECT TYPE SOLENOID VALVE, 32A		
1	"O" Ring	1 Set
2	Valve Sheet	2
3	Spring	2
TEMP. REGULATING VALVE		
1	Piston ring	20
2	Diaphragm	10
3	Spring	1 Set
1	Gauge Glass for tank, 16 ϕ × 1000 MM	3
2	Level switch (Micro switch)	4
3	Spring for safety valve 19 MM × 10.4 K	2
4	Spring for safety valve 19 MM × 6.5 K	2
5	Spring for safety valve 32 MM × 4.5 K	2
STRAINER		
1	FC 5K, 250 Single strainer	2
2	FC 5K, 200 Single strainer	2
3	FC 5K, 150 Single strainer	2
4	FC 5K, 125 Single strainer	2
5	FC 5K, 65 Single strainer	2
6	FC 5K, 50 Single strainer	2
7	FC 5K, 32 Single strainer	2
8	FC 5K, 20 Single strainer	2
9	FC 5K, 32 Single strainer with "O" Ring	2
10	FC 5K, 40 Single strainer	2
11	FC 5K, 65 Single strainer	2
12	FC 5K, 100 Single strainer	2
13	FC 5K, 250 Single strainer	2
14	FC 5K, Double strainer with "O" Ring	2
	FC 5K, 32 Double strainer	
	FC 5K, 40 Double strainer	
	FC 5K, 50 Double strainer	
SPARE PROPELLER AND SHAFT (WHEN NOT PROVIDED WITH VESSEL)		
1	Propeller	1
2	Propeller Shaft	1

No.	Items.	Quantity.
LIGHTING APPARATUS		
1	Receptacles for marine use SIT type	3
2	Receptacles for marine use 1 type	3
3	Small switch for marine use IT W. T. type	3
4	Small switch for marine use 3-way W. T. type	2
5	Glass gloves for marine use FAO 90 red	2
6	Glass gloves for marine use FAO 90 green	2
7	Glass gloves for marine use FAO 90 blue	2
8	Navigation light lamp 110V 60W	8
9	High pressure mercury vapour lamp HRF 400	2
10	High pressure mercury vapour lamp HR400W	1
11	High pressure mercury vapour lamp 110V 300W	3
12	High pressure mercury vapour lamp 110W 200W	1
13	Shield beam lamp 24V 40W	1
RADIO CONSOLE		
MAIN TRANSMITTER		
1	IC	1
2	Relay	3
3	Coil	11
4	Resistor, wire wound	3
5	Resistor, metallic film	11
6	Resistor composition	44
7	Resistor carbon film	11
8	Resistor variable	6
9	Diode	39
10	Transistor	6
11	Electron tube	2
12	Lamp	2
13	Fuse, glass body	10
14	Fuse	18
CONSOLE RACK		
1	Relay	1
2	Fuse, C10-10A, C40-40A	10
AUTO ALARM RECEIVER		
1	Diode	1
2	Transistor	4
HYDRAULIC DECK MACHINERY HYD. WINDLASS		
1	Brake lining with rivet and screw for chain wheel	1 Set
2	Brake lining with rivet and screw for drum	1 Set
3	Oil seal for hyd. motor	4
HYD. AUTO TENSION WINCH		
1	Brake lining with rivet and screw for wire drum	1 Set
2	Brake lining with rivet and screw for anchor drum	1 Set
3	Oil seal for hyd. motor	8
HYD. CARGO WINCH		
1	Brake lining with rivet and screw for drum	1 Set
2	Spring for brake	1
3	Oil seal for hyd. motor	8

No.	Items.	Quantity.
HYD. PUMP AND REDUCTION GEAR		
1	Oil seal for hyd. pump	1 Set
2	Oil seal for reduction gear	1 Set
3	Spring for safety valve	1 Set
HYD. DECK MACHINERY		
1	Air plug	2 Set
2	Vane pin	2 Set
3	Grease Nipple	20
4	"O" Ring	1 Set
5	Protector	1 Set
MANUAL HYD. REMO-CON GEAR		
1	"O" Ring	1 Set
2	Oil seal	1 Set
3	Check valve	2
4	Air vent and ball	3 Set
5	Filter element	3
6	Stop ring	1 Set
7	Spring	1 Set
ELECTRIC DECK MACHINERY		
HEAVY HOISTING WINCH		
1	Brake lining with rivet and screw for heavy drum	1 Set
2	Brake lining with rivet and screw for light drum	1 Set
3	Oil seal	1 Set
4	Grease nipple	5
HEAVY SPAN WINCH		
1	Brake lining with rivet and screw for heavy drum	1 Set
2	Brake lining with rivet and screw for light drum	1 Set
3	Oil Seal	1 Set
ELECTRO-HYDRAULIC STEERING GEAR		
1	V-packing for hydraulic cylinder	10
2	Spring for hunting gear	1
3	Spring for safety valve	2
4	Packing for oil tank	2
5	Rubber ring for flexible coupling	6
6	Gauge glass for oil tank	2
AXIAL PUMP		
1	Conrod and piston	2
2	Thrust bearing	1
3	Radial bearing	1
4	Needle bearing	1
5	Valve cone	4
BOAT WINCH		
ELECTRIC EQUIPMENT		
1	Ball bearing for motor shaft	1 Set
2	Ball bearing for gear shaft	1 Set
3	Ball bearing for final shaft	1 Set
4	Oil seal for motor shaft	1
5	Oil seal for final shaft	1
6	Starter for boat winch	1 Set

No.	Items.	Quantity.
MOTOR DRIVEN BOAT WINCH		
1	Bearing for brake shaft	2
2	Bearing for counter shaft	2
3	Spring for hand brake	3
4	Lining with rivet for governor brake	3 Set
5	Lining with rivet for hand brake	1 Set
REF PROVISION PLANT		
COMPRESSOR		
1	Suction plate valve	2
2	Discharge plant valve	2
3	Piston ring	2
4	Oil ring	2
5	Shaft seal	2
6	Main bearing metal	1 Set
7	Crank pin metal	2 Set
8	Valve spring	24
9	Packing for cylinder cover	2
10	Packing for valve seat	2
11	Packing not specified elsewhere	1 Set
12	Level gauge	1
REFRIGERATOR		
1	Thermostatic exp. valve	1 Set
2	Oil protect switch	1
3	Press switch (unload)	1
4	Thermostat	2
5	Dual pressure switch	1
6	Thermometer	2
7	V-Belt	10
8	R-22 Gas	1
9	Ref. Machine Oil	2
10	Dryer	4
11	Safety valve	1
12	Packing for cond. water cover	1
13	Zinc Plate	24
14	Oil and water pressure gauge	1
15	High, low, pressure gauge	1
16	Condenser tube	9
17	Coil for solenoid valve for unload	1
18	Coil for solenoid valve for Liq. line	1
19	Dial thermometer	1
AIR CONDITIONING PLANT		
COMPRESSOR		
1	Suction plate valve	2
2	Discharge plate valve	2
3	Piston ring	4
4	Oil ring	2
5	Shaft seal	2
6	Main bearing metal	1 Set
7	Crank pin metal	2 Set
8	Valve spring for suction valve	12
9	Valve spring for discharge valve	12
10	Packing for cylinder cover	2
11	Packings not specified elsewhere	1 Set
12	Packing for valve seat	2
13	Level gauge	1

No.	Items.	Quantity.
AIR CONDITIONER		
1	Auto exp. valve	1 Set
2	Zinc Plate	24
3	Ball bearing	1 Set
4	V-Belt for fan	10
5	V-Belt for compressor	5
6	Packing for condenser	1 Set
7	Refrigerant (R-22)	1 Set
8	Ref. Oil	2 Set
9	Air filter	2 Set
10	Safety valve	1
11	Dual pressure switch	1
12	Oil protection switch	1
13	Oil and water pressure gauge	1
14	High and low pressure gauge	1
15	Condenser tube	14
16	Coil for solenoid valve for unloader	1
17	Coil for solenoid valve for liq. line	1
18	Glass for liquid level gauge	1
19	Thermometer for cooling water	1
20	Thermometer for air	1
21	Thermometer for refrigerant	1
STARTER PANEL		
1	Magnetic switch	1
2	Magnetic switch	1
3	Magnetic contactor	1
EMERGENCY FIRE PUMP ENGINE		
1	Suction valve	1
2	Exhaust valve	1
3	Valve spring	2 Set
4	Retainer for valve spring	2 Set
5	Cotter for valve spring	2 Set
6	Fuel injection pipe	1 Set
7	Fuel injection valve assembly	1 Set
UPPER DECK HATCH COVER		
ECCENTRIC WHEEL		
1	Eccentric wheel	2
2	Locking pin	5
3	Washer	7
4	Quick acting cleat	9
5	Spring pin	11
6	Special synthetic rubber washer	18
7	Gross joint cleat	11
8	Spring	21
9	Taper pin	21
BALANCING ROLLER		
1	Balancing roller (26 Kg.)	1
2	Washer	2
3	Balancing roller (43 Kg.)	1
4	Single Link plate	1
5	Double link plate	1
6	Spring pin	1
7	Washer (100)	7
8	Washer (150)	5
9	Long shackle	8

No. Items. Quantity.

TOWING CHAIN

1	Towing Chain 16Φ	..	..	..	..	2.5- M
2	Towing chain 19Φ	..	..	..	..	7 M

RUBBER PACKINGS

1	Solid lubber (SR-75)	..	..	..	..	4
2	Solid lubber (S 10)	..	..	..	..	1
3	Sponge rubber	..	..	..	..	2
4	Sponge rubber	..	..	..	..	4
5	Rubber cement	..	..	..	..	1
6	Solid rubber (S6)	..	..	..	..	2
7	Solid rubber (S 9)	..	..	..	..	1
8	Cushion	..	..	..	..	1

OTHERS

1	Gasket	..	..	..	..	1
2	Stud bolt and nut	..	..	..	..	2
3	Grease nipple	..	..	..	..	29

FOLDING TYPE STEEL HATCH COVER (MACGREGOR)

1	Wheel	..	..	..	..	1
2	Wheel cap	..	..	..	..	2
3	Inter hinge pin	..	..	..	..	1 Set
4	Flush deck cleat	..	..	..	..	5 Set

ACC. LADDER WINCH

1	Oil seal	..	..	..	..	1 Set
2	Linning	..	..	..	..	4
3	Spring	..	..	..	..	1 Set
4	Electric parts for winch	..	..	..	..	1 Set

ANCHORE CHAIN CABLE

1	End shackle, complete	..	..	..	..	1
2	Kenter shackle, complete	..	..	..	..	2

HYD. PUMP, HOISTING AND LUFFING WINCH

1	Oil seal for hyd. pump	..	..	..	..	50% for working.
2	Oil seal for reduction gear	..	..	..	..	100% for working.
3	Brake lining with rivet and screw for SWKH-2018 hoisting winch	..	..	..	..	1 Set
4	Brake lining with rivet and scrw for WKH-1518 hoisting winch	..	..	..	..	1 Set
5	Brake lining with rivet and screw for WKH-2018 and KH-1518 luffing winch	..	..	..	..	1 Set
6	Spring for hyd. pump for safety valve	..	..	..	..	2 Set
7	Electric parts for deck crane	..	..	..	..	1 Set

SLEWING BRAKE

1	Boot	..	..	..	..	50% for working.
2	Oil seal	..	..	..	..	50% for working.
3	Assy pressure pad	..	..	..	..	50% for working.
4	Cap bleeder	..	..	..	..	50% for working.
5	Lock plate	..	..	..	..	50% for working.
6	Flexible hose	..	..	..	..	1
7	Spring	..	..	..	..	50% for working.
8	Connector	..	..	..	..	1

No.	Items.	Quantity.
REMOTE CONTROL GEAR		
1	KH-1518 Remote control gear	1 Set
2	WKH-2018 Remote control gear	1 Set
1	Audio-Lamp, 12 V., 25W	12
2	Photoflash lamp, 2JW, 24V	2
3	Photoflash lamp, 2YW, 48V	9
4	Fuse	200% for working.
5	Cds Cell-set	6
6	Partition glass plate	6 Set.
7	Front glass plate	5
8	Audio lamp socket	5
9	Flicker	3
10	Detecting box	6
11	Ball bearing for fan motor	2 Set.
12	Condenser	2

2. This notification shall be deemed to have come into force with effect on and from the 12th day of May, 1979.

By order of the President

TABARAK ALI

Joint Secretary.