

S.S. Howe Star
Answer No. 92528
 CONTRACT NO. 919



MAIN ENGINE SPARE GEAR

<u>NO. OFF.</u>	<u>DESCRIPTION.</u>
<u>BEARINGS.</u>	
2 halves	Forward bearings for H.P. Rotor
2 "	Aft " " " "
2 "	Forward " " L.P. "
2 "	Aft " " " "
2	Bearings for main shaft.
2	" " second reduction pinion shaft.
2	" " first " " "
<u>ADJUSTING BLOCKS</u>	
6	Thrust pads for H.P. adj. Block.
6	Pivots for " " "
6	Thrust pads for L.P. Adj. Block, forward side.
6	Pivots " " " " " "
6	Thrust Pads " " " " aft side.
6	Pivots " " " " " "
6	Thrust Pads for Primary Pinion Thrust Block, forward side.
6	Pivots " " " " " forward side.
6	Thrust pads " " " " " aft side.
6	Pivots " " " " " " "
6	Thrust Pads " Secondary " " " " "
6	Pivots " " " " " " "
6	Thrust Pads for Main Thrust Block.
6	Pivots " " " "
2 Halves	Liners for H.P. Adj. Block, working thickness + .005"
2 "	" " " " " " " + .01"
2 "	" " L.P. " " " " + .005"
2 "	" " " " " " " + .01"
2 "	" " Primary Pinion Thrust Block " " " + .005"
2 "	" " " " " " " + .01"



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<u>NO. OFF.</u>	<u>DESCRIPTION.</u>
2 Halves	Liners for Secondary Pinion working thickness + .005" Thrust Block
2 "	" " " " " " " " " + .01"
2 "	" " Main Thrust Block " " + .005"
2 "	" " " " " " " " " + .01"

GLANDS :

2	Safety rings for H.P. Turbine Glands.
2	Rubber Rings for H.P. Turbine Glands Water Test Gland.
2	Carbon Rings for H.P. Turbine Glands.
2	Garter Springs " " " "
2	Links for Garter Springs for H.P. Turbine Glands.
2	Safety Rings for L.P. Turbine Glands.
2	Rubber Rings for L.P. " " Water Test Gland.
2	Steel Straps for L.P. Turbine Glands " " "
2	Adj. Screw for L.P. Turbine Glands Water Test Gland.

ADJUSTING GEAR :

1	Adjusting Gear Bracket for H.P, and L.P Turbines.
1	" " Screw and Nut
1	" " Sleeve.
4	Tap Bolts for Bracket.

BOLTS STUDS AND NUTS :

3	Bolts 1 1/8" dia. H.P. ahead and astern turbine hor. joint
1	Studs 1 1/8" " " " " " " " "
2	" 3/4" " " " " " Bearing Keep
2	Bolts 1" dia. L.P. ahead horizontal joint.
1	Studs 1" dia. L.P. " " " "
1	Bolts 1 1/8" dia. L.P. astern " "
1	Studs 1 1/8" " " " " " "
2	Studs 7/8" " " Ahead bearing keep
2	Studs 3/4" " " astern

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NO. OFF.

DESCRIPTION.

BOLTS, STUDS AND NUTS : (CONTD).

3	Bolts 7/8" dia. gear case main hor. vertical joint.
3	Studs 7/8" dia. gear case main hor. vertical joint.
2	" 1 1/4" " " " main bearing keep
2	" 1 1/2" " " " secondy. pinion bearing keep
2	" 7/8" " " " Primary " " "
8	Bolts 5/8" " H.P, AND L.P. Flexible Coupling.
8	Cheese Headed bolts 5/8" dia. H.P, and L.P. flexible coupling.

RELIEF VALVE SPRINGS :

1	Spring for H.P. turbine relief valve.
1	" " L.P. " " "

GLAND PACKING :

1 Set	Labyrinth packing for H.P. gland (8 rings in one set)
1 "	" " " " Diaphragm (7 rings in one set)
1 "	" " " " L.P. Gland (8 rings in one set)
25	Cupro Nickel Condenser Tubes 9'-1 7/8" long x 3/4" o.d.
25	Sets tube packing for inlet end of tubes.
25	" " " " discharge end of tubes.
1	Primary pinion shaft.



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