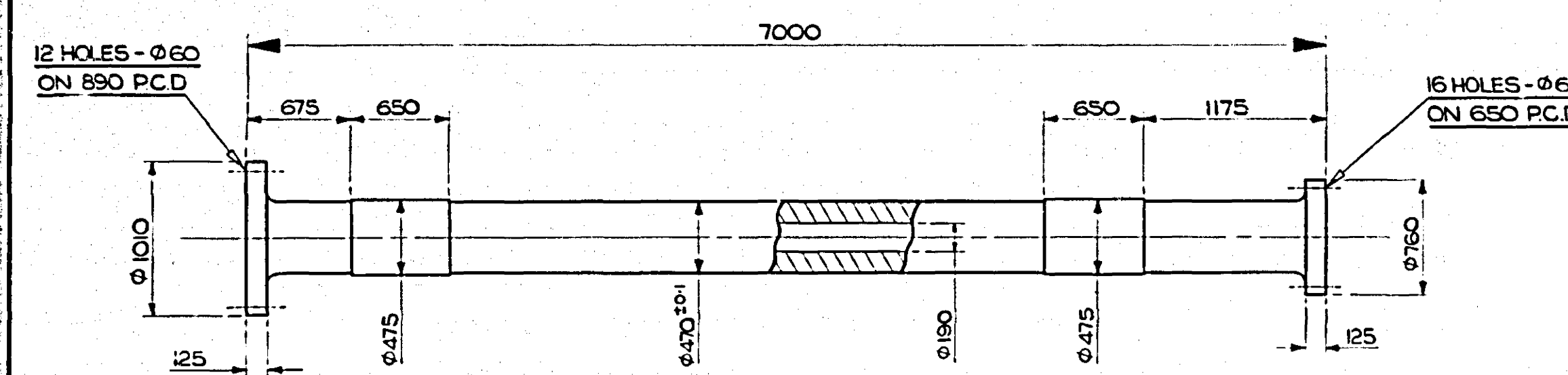
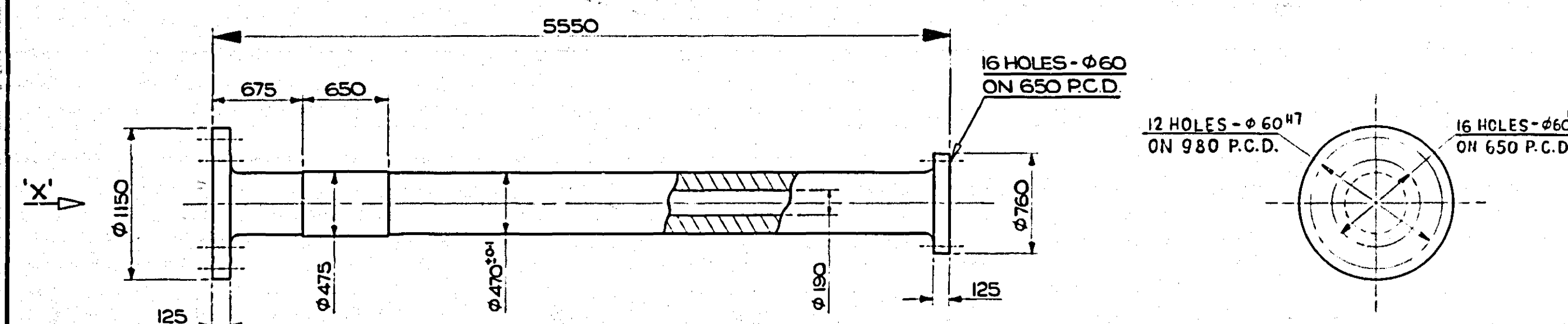


ARRANGEMENT OF SHAFTING
(SHAFT 3500mm OFF P & S)



DETAILS OF INTERMEDIATE SHAFT No. 1



DETAILS OF INTERMEDIATE SHAFT No. 2

NOTES

INTERMEDIATE SHAFT DIA.
LLOYDS 5-6-3.1
" 5-9-1.5.1

$$d = 90.5 \sqrt{\frac{H}{R} \left(\frac{57}{64 + 16} \right)} = 90.5 \sqrt{\frac{10346}{150} \left(\frac{57}{41 + 16} \right)} = 395.45 \text{ mm} \times 12\% = 436.2 \text{ mm}$$

TAILSHAFT DIA.
LLOYDS 5-9-2.12.1
" 5-9-1.5.1

$$1.215 \times \text{INTER. SHAFT DIA.} = 1.215 \times 395.45 \times 20\% = 576.6 \text{ mm}$$

WEIGHTS

PROPELLER + SHAFTFLANGE + OIL : 38500 kg
PROPELLER SHAFT + PIPES + OIL : 4676.5 kg
INTERMEDIATE SHAFT No. 1 + PIPES + OIL : 9500 kg
INTERMEDIATE SHAFT No. 2 + PIPES + OIL : 7870 kg
COUPLING FLANGE + RINGNUT : 2240 kg
FLYWHEEL : 12000 kg
OIL DISTRIBUTION BOX : 915 kg

CLASSIFICATION: LLOYD'S ICE: IA SUPER AWPPA
CLASS 4.
ENGINE: MANUFACT: S.W.D.
TYPE : 8TM410
OUTPUT : 8088 KW AT 600 R.P.M.
2 ENGINES PER PROPELLER
GEARBOX: MANUFACT: LOHMANN + STOLTERFOHT
REDUCTION: 600:130
PROPELLER REVS: 130 R.P.M.
COUPLING BOLTS & NUTS SUPPLIED BY S.W.D.

REFERENCE DRAWINGS

LOHMANN + STOLTERFOHT GEARBOX : 2/7996/0745/1
LIPS ARRANGEMENT OF SHAFTING : AO-06759/OIC0331
LOHMANN + STOLTERFOHT BEARING : 3/7973/5041/O
LIPS ARRANGEMENT OF STERNUTUBE : AO-06827/O930063
STERNUTUBE ARR'T & DETAILS : 61-00-02

		SHIPBUILDERS, SHIP REPAIRERS, GENERAL ENGINEERS Vancouver Division P.O. Box 8099, North Vancouver, British Columbia, Canada V7L 4J8 Victoria Division P.O. Box 1300, Victoria, British Columbia, V8W 2S9	
DIVISION		HULL 1.07 & 5.54 JOB No. 61-00	
VANCOUVER		OWNERS GULF CANADA RESOURCES	
TITLE			
ARRANGEMENT & DETAILS OF SHAFTING			
APPROVALS	REPRESENTS	DATE	DRAWN
CCG.S		9-07-82	SAWADA
OWNERS		15-7-82	SAWADA
	APPROVED	DATE	10-05-82
	SCALE 1:33 1/3		
	DWG. No. 61-00-01		

DISTRIBUTION					
DEPARTMENT	QTY.	DEPARTMENT	QTY.	DEPARTMENT	QTY.
Owner	3	Operating Manager		Shipwright	
Consultants	2	Naval Architect	1	Plumber	
Engineering Inspection	2	Quality Control		Joiner	
G.M.	1	Repair Shop		Paint Shop	
		Steel Shop		Machine Shop	1
		Welding Shop			
Hull D.D.	1	Boiler Shop			
Machinery D.D.	1	Lathe		Sheet Metal	
Electrical D.D.	1	Painter		Electric Shop	
Working Engineer	1	Welder		Engine Room	1
No.	REVISION		BY	DATE	
1	"AS FITTED"		P.K.	24/6/82	