

S.S. "STUART PRINCE" - AUXILIARY GENERATOR
CROMPTON PARKINSON LIMITED.

EXTRACT OF TEST.

Description of Machine COMPOUND GENERATOR M/c No. F72A4766
Order 188495 Customer Messrs. Russell Newbury Ltd.,
Input—Volts • Amps. 45.5 K.W. 5 Phase 3
Output—Volts 110 Amps. 45.5 K.W. 5 Phase 3
B.H.P. • Speed 1000 Periods •
Date of Test 26.9.39 Present •

TIME.	SPEED	VOLTS	AMPS.	SHUNT VOLTS	SHUNT AMPS.
	1030	110	0	78	2.5
10.0	1000	110	45.5	78	2.5
11.0	1000	110	45.5	87	2.5
12.0	1000	110	45.5	90	2.5
1.0	1000	110	45.5	91	2.5
	1030	110	0	91	2.5
	1015	113	23		

Load

Temperatures taken at 1 pm Atmosphere 21° C

Stator core 47° C Interpoles 47° C
Stator winding 47° C Armature 47° C
Rotor winding 37° C Field 37° C
Sliprings 320° C Comm. 320° C
Insulation resistance when hot (Megs) 50
Flash Test 2000 volts to earth
Date 28.9.39 Signed •