





ntol:-

"SOUTHERN VENTURER"

- in good order.

Other minor repairs effected.

List:- Forward starboard outboard boiler:-

The inboard high furnace now renewed and satisfactorily fitted. The boiler hydraulically tested to WP and found tight. (See advice note dated 23/8/54 attached). It is submitted that the item re these boiler repairs may now be deleted from the S.R. list.

TE. The Owners have, at this time fitted an additional sea water filter:- stamped:-

LLOYDS TEST.

JP.

No. 9516

550 LBS.

15.7-54

The filter, pipes, tee-pieces and change over valves fitted and tested in accordance with the Rules and left in good order.

R. J. S.

SURVEYOR TO LLOYD'S REGISTER.  
NEWCASTLE-ON-TYNE.



## S.S. "SOUTHERN VENTURER"

## SURVEY OF ELECTRICAL INSTALLATION.

No. in Reg. Bk 78287 NAME OF VESSEL "Southern Venturer." (B.C.)  
 Capacity of Installation K.W. —  
 Nature of Survey Owners' Modifications and Additions.  
 No. of Visits 6 Where Surveyed Middle Dock South Shields.

Attended vessel & examined following additions made this time:-

Helicopter Hangar & Associated Equipment.

Motor flameproof lighting fittings & 'Walball' flameproof type switch sockets fitted in hangar. Wied with LCAB cables from distribution board now fitted in new control station for. of hangar.

Electrically safe 'ATM' telephone also fitted in hangar. 5HP 'L.D.C.' 20.5 amp 220Volt flameproof petrol pump motor fitted in steering gear flat & controlled by flameproof starter fitted outside

hangar. Motor supplied from Engine Room section box & cable = 71.044 V/LCAB. 0.2HP 1.1 amp 220Volt with Blackman exhaust fan motor fitted on after boat deck, wired with 31.036 V/LCAB cable controlled from adjacent electrical store. Arrangements as per plan approved L.D.

Letter dated 7<sup>th</sup> July 1954. Motor/Alt<sup>r</sup>/Gen<sup>r</sup>. set & control gear for helicopter starting motor

a.c. testing equipment fitted in control station. All machines manufactured by 'L.D.C.'

with following nameplate particulars. Generator No. 31P744, 1/2 hour rated, compd., BS168, 1954, 26Volt 10 amp, 1500rpm, Separately excited 220V. field. Motor No. 31P745 Cont. Compd. 1954, BS168, 220V.

1 amp, 14HP, 1500rpm. Alternator No. 31P746, Cont. BS168, 1954, 230Volt, 43.4 amp, 1500rpm, 10KVA, 3 cycles, 1 phase, 0.8 P.F. Separately excited 220Volt field. Motor mains = 191.064 V/LCAB from aft.

control switchboard, generator & helicopter starting motor cable to junction box outside

hangar = 371.093 V/LCAB. Alternator main cables & supply to a.c. equipment in control

station = 71.064 V/LCAB. Other minor additions also carried out.

actory.

Following additional motors fitted this time:-

14HP Grinder, 14HP S.W. Circulating Pump, 3x8HP Drums, 1x4HP & 2x3HP Conveyors, 2x20HP Separators

and 5x15HP Desludgers. Various other motors & their control gear were repositioned & cables

rewired as necessary. New motors supplied from existing circuit breakers or switches

or from new section boxes fitted this time. Other minor alterations also

carried out.

Essential Services.

Additional 4HP 220Volt Boiler Room Vent. Fan motor fitted. Motor cables = 71.044 V/LCAB

fan fitted in Boiler Room fiddle top with emergency stop in accommodation

wayway. Motor Test Certificate attached.

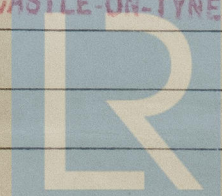
All cables and arrangements in accordance with Rule Requirements.

On completion, the above were examined and megger tested, motor/gen<sup>r</sup>/set<sup>r</sup>. set been running & all found satisfactory.

W. Morris

SURVEYOR TO LLOYD'S REGISTER  
NEWCASTLE-ON-TYNE.

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Foundation

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