

Original letter with :.....①

Copy of ~~Extract from~~ letter received from

E Surveyors,

RESS Newcastle on Tyne.

ence, if any :.....

30.10.54 Received 1.11.54 Answered.....

's Name: "SOUTHERN HARVESTER" & "SOUTHERN VENTURER".
Helicopter Electrical Equipment.

We have to advise you that one of the Flameproof type switch sockets fitted in the hangers of the above vessels been reconnected for use on 230 volts single phase, A.C. It for supplying a portable hydraulic pump used in connection the helicopter landing gear.

We are advised that all the portable equipment supplied used with the helicopter were for 230 volts A.C. operation but all have been replaced with D.C. equipment with the option of this pump.

We are informed that in the case of the "SOUTHERN VENTURER", equipment was placed on board after the last survey visit and modifications carried out at that time. Consequently this has been reported on the Newcastle Report No. 111890.

With regard to the "SOUTHERN HARVESTER" which returned to river for completion of the hanger installation, this modification was noted and the Owners Representative advised that the equipment and arrangements were not in accordance with Rule Requirement.

The Owners Representative stated that this pump is essential to the maintenance of the helicopter which is carried out either in the hanger or on the flight deck and cannot be made a permanent fixture.

We are advised that arrangements are being made for these pumps to be operated by D.C. motors and that the circuits would be connected to D.C. supply as soon as delivery of the D.C. motors can be effected. In the meantime, he stated that the flexible connections should be permanently connected in the socket and that instructions to this effect have been sent to the "SOUTHERN VENTURER" which left this port last week.

We also understand that the portable equipments are not flameproof construction.

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See manuscript of
original with attached
4 papers on "Southern
Hawian"
3/11/64

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