

Motor Ships "FELLA", "FELTRE", "CELLINA" and "RIALTO".

Revised plan of Simplex rudder submitted, in duplicate, by the Hamburg Surveyors.

The present ordinary rudder is to be replaced by one of the Simplex type. It is proposed, however, to retain the existing rudder head from the scarp upwards, and, on the casting forming the upper part of the new rudder, make a palm to take this scarp. With this arrangement it will be necessary, to facilitate the unshipping of the bearing shaft, to cut away the upper corner of the palm on the new casting and to modify the position of one of the bolts. The corner where cut away will be filled in by a triangular forging welded to the palm on the rudder head - see sketch below.

The alternative to this proposal would be to renew the rudder head and to form the usual scarp associated with this type of rudder.

The strength of the scarp as proposed is not impaired, but the nature of the proposal is such <sup>that</sup> as it is considered the owners' consent should be obtained.

It is submitted the Surveyors be informed that the scantlings and arrangements as shown and amended on the plan will be approved, provided they be carried out to their satisfaction, and the Owners' consent be obtained to cutting away the corner of the palm forming the scarp on the rudder body casting, as proposed.

Special care should be taken with the fitting and welding of the filling in piece <sup>and</sup> to ensure that the joint of the scarp is properly closed.

