

### STRESSES IN BIG SHIPS

#### DANGER TO PIPES

In view of the recent accident to the *Conte di Savoia*, a master mariner writes: "Any outlet connected to ship's side by pipes in the writer's opinion must eventually get broken, fractured, split or sprung in ships of large tonnage. I visualise that a ship of over 1000 ft. long and 60 ft. odd to the keel, being kept on the fore and aft line with a big beam sea or swell, must have a tremendous weight exposed on the one side not being water-borne, and would sag to some extent, thus causing damage to inside fittings connected to and through the hull. Enormous strains and stresses must be set up by stabilising which are not known. In time these strains will weaken the hull and connections with it. This is my considered opinion."

For the Chief Surveyors

ad.  
13/12/32

Spil