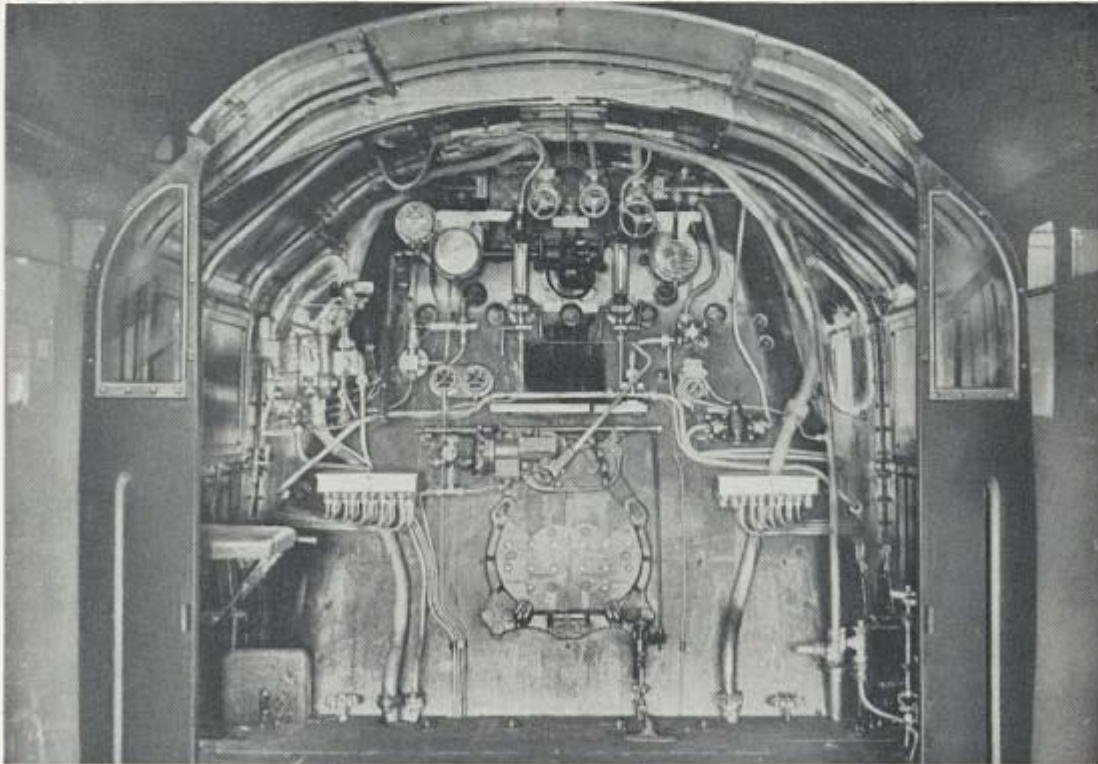


Cab Comfort on the Southern Railway
IN the latest locomotives of the 4-6-2 "Merchant Navy" class, Southern Railway, a notable advance has been achieved in the comfort of the cab, as shown in the illustrations elsewhere in this issue, for which we are indebted to Mr. O. V. Bulleid, Chief Mechanical Engineer. The cab side-sheets are turned inwards for about 12 in., at the back, so forming shielded recesses on both sides of the cab for protection from draughts. In the upper part of these shields are glass windows. With the modern high-capacity tender it is impossible to see over the coal space towards the rear when the engine is running in reverse, and the only view of the track to the rear that the enginemen normally can obtain is by leaning through the cab side

windows, or through the space between engine and tender. In the new "Merchant Navy" tenders the coal space has been narrowed to give the crew an excellent look-out to the rear between the coal space and the curved tender side-sheets. The driver can thus see through both the cab rear window and the tender front window, which are in line, to the track beyond the tender, if the engine is running in reverse; at the same time he is completely protected from the weather. The front tender windows are hinged, so that the space between the coal space and the tender side-sheets may be used for the stowage of fire-irons. With this provision for rear-end view, the front plate of the tender has been built to the full height of the cab, giving thorough protection from weather.

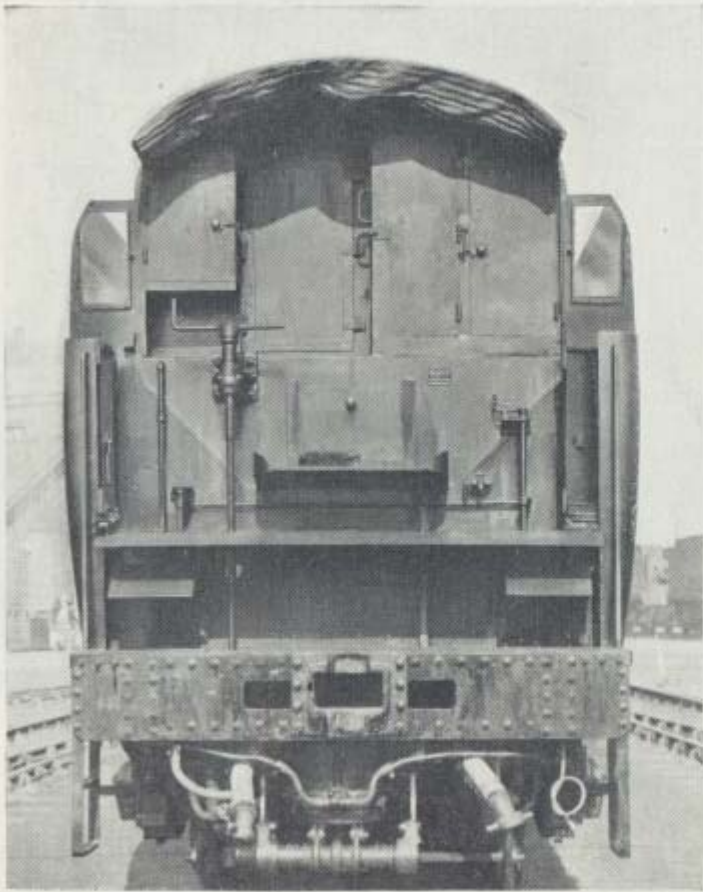
Cab of the "Merchant Navy" Class Locomotives, Southern Railway



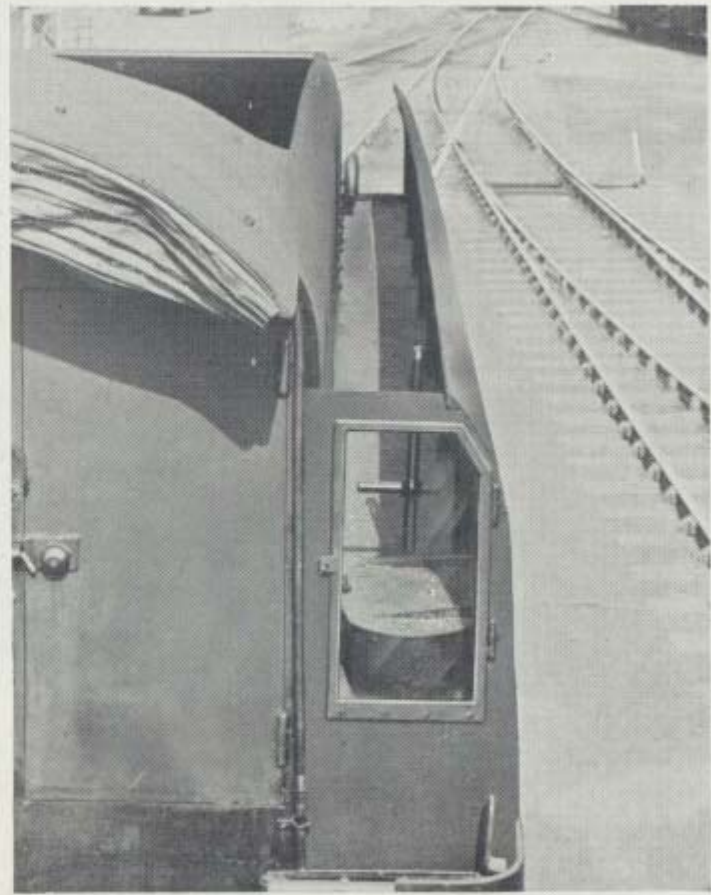
Cab view of latest "Merchant Navy" class 4-6-2 locomotive, Southern Railway, showing alcoves on each side with rear windows

"Merchant Navy" Class Locomotives, Southern Railway

(See editorial note, page 187)



Tender front of latest 4-6-2 locomotives, Southern Railway, with windows giving a clear view to the rear



Modified tender design, Southern Railway, showing space between coal bunker and tender side-sheet for observation to the rear