



MECAL TECHNICAL NOTE

MTN 5-1

Issued by the *MECAL* Technical Committee

MACHINERY AIR INTAKES

Application: Motor Vessels Cats.2 - 6

Some motor vessels e.g luxury sport power vessels, have machinery space intakes in the hull side which potentially pose a down flooding risk.

These can be accepted within Cat.2 and with favourable weather restriction, taking into account the freeboard to the opening and any means to drain shipped water before it can enter the space (e.g internal baffle / weir arrangement).

Consideration should also be given to the ability to close down the ventilation for fire fighting purposes. This can be by means of portable plugs. For new vessels it is now common practice to fit fire dampers to such intakes which can be remotely operated after shutting down of the engines.

Such acceptance should be notified to the Technical Committee via the MECAL office