

DAHET

Innovation in the cruise sector

Presentation of the DAHET*, a swell attenuator linked to a cruise ship, thereby making easier the transfer of passengers to a tender



Modelisation in swell canal

The DAHET is an innovation allowing passengers to transfer easily by tenders from cruise-ships towards coastal tourist sites even in case of swell generated by wind. The DAHET is also useful to secure the transfer of crew between a pilot boat or tender and merchant ships, tankers, etc.

Usually, when a cruise ship is anchored or at a mooring post, it faces the wind - and waves as well. However it does not move much, because of its size, whereas the tender is far more affected by the offshore agitation.

The DAHET is a device implementing a pneumatic breakwater between the incident waves and the tenders. This air bubble curtain is generated by a system linked to the cruise ship. This way, the movements of the two ships (cruise-ship and tender) are noticeably reduced and passengers can be transferred in a safe manner.

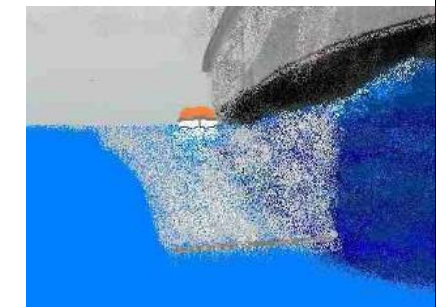
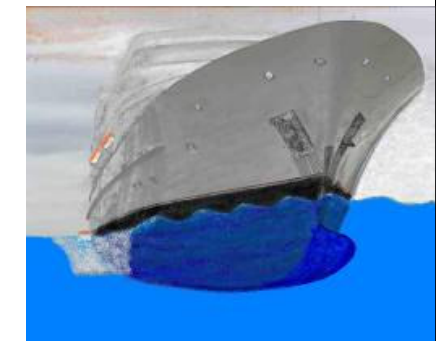
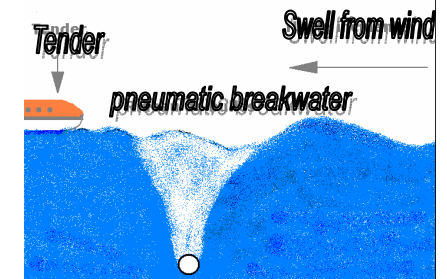
For existing boats, the DAHET can be attached to the hull of the boat, on one side or the other (or even on both sides).

For ships under project or under design, the DAHET can be integrated to the bottom of the boat (part of the hull that is under the waterline).

Energy expenditures are limited because depending of the target use (short calls), there is no need to secure permanently a water surface, but only for a short period corresponding to the time required to transfer passengers from the cruise ship to the tender.

Moreover, the energy is abundantly available on board.

** In French, DAHET means: Dispositif Atténuateur de Houle Embarqué pour Transfert. It is under a patent application*



<http://dahet.monsite.orange.fr>
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