



Compressed air is pumped into a recess in the bottom of the ship's hull. The air builds up a "carpet" that reduces the frictional resistance between the water and the hull surface. This reduces the propulsion power demand. The challenge is to ensure that the air stays below the hull and does not escape. Some pumping power is needed.



Saving in fuel consumption:

- Tanker: ~15 %
- Container: ~7.5 %
- PCTC: ~8.5 %
- Ferry: ~3.5%



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