

# Methanol Superstorage

Solution designed by SRC that reinvents methanol storage using Sandwich Plate System (SPS).

## CHALLENGE

Methanol requires more than double the volume compared to heavy fuel for the same energy content. Traditional methods of storing low flashpoint fuels like methanol require cofferdams (minimum of 600mm), which decreases the autonomy of a ship significantly.

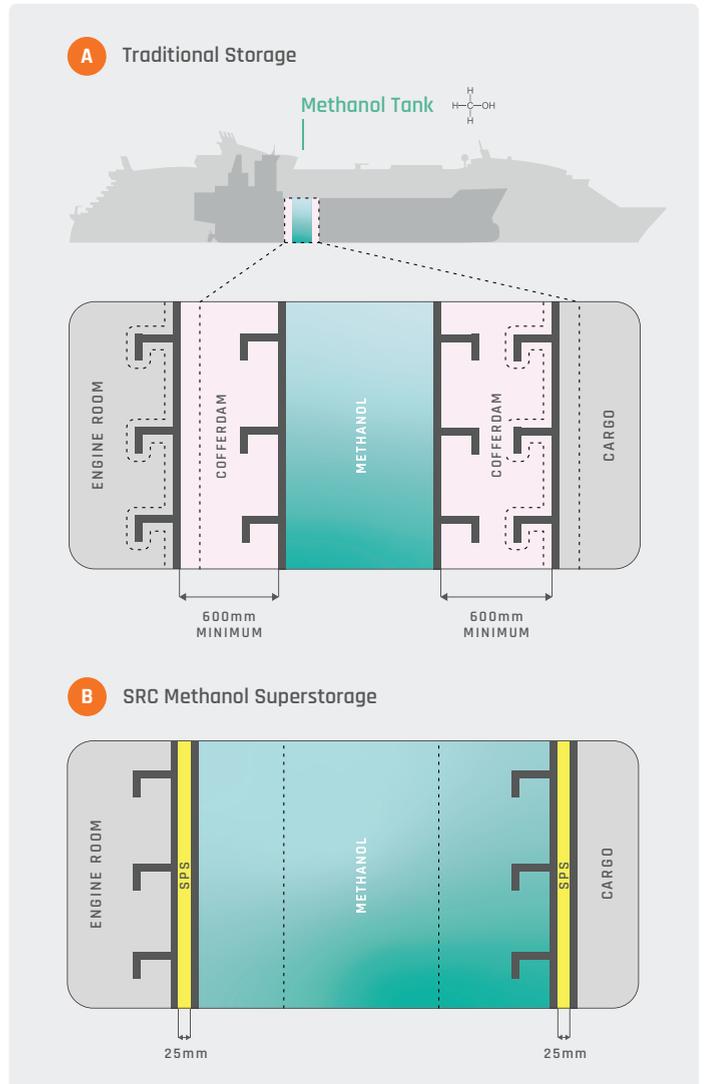
## SOLUTION

Instead of using cofferdams, our solution utilizes SPS with a thickness of **25mm**, eliminating the need for the much larger cofferdams and maximizing the available volume for storing methanol.

## BENEFITS

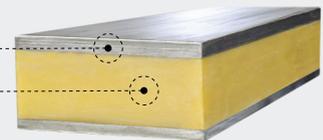
- Increase up to +85% methanol fuel tank volume
- Modifications made to existing tanks
- Little impact to general arrangement
- Triple barrier - safer than traditional solution
- A60 fire rating

Increase up to +85% Methanol fuel tank volume



Steel Plate

Solid Elastomer Core



SPS Technology's **Sandwich Plate System (SPS)** is a structural composite ship building material which is permanent, class-approved and cost-effective.

SRC covers all aspects of the integration from bunkering station to high pressure pump.