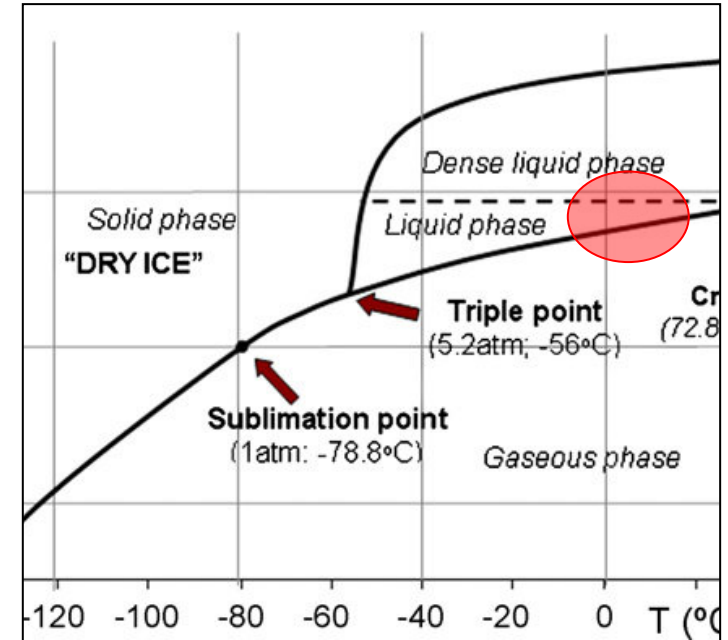


Conceptual system control to avoid phase changes of CO₂

The ZMS works on the research for the safe storage of CO₂ in subsea deposits. As part of the research we look into a novel barrier test unit which is supposed to operate with CO₂.

Objectives and Tasks:

- Definition of the possible system conditions and states
- Expansion of the system with suitable measurement and monitoring technologies to analyse the CO₂
- Creating a state matrix
- Developing suitable countermeasures to prevent a phase jump of the CO₂ in the system



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