



SWEDISH COAST GUARD



Alpine Penelope Incident - 13 april 2022

Vessel Finder

imaros



Funded by
the European Union



KUSTBEVAKNINGEN

Oil spill during Bukering operation

Initial information was that approximately 500 liters leaked on the deck but only 30-50 liters leaked into the sea from the tanker that received bunker oil.

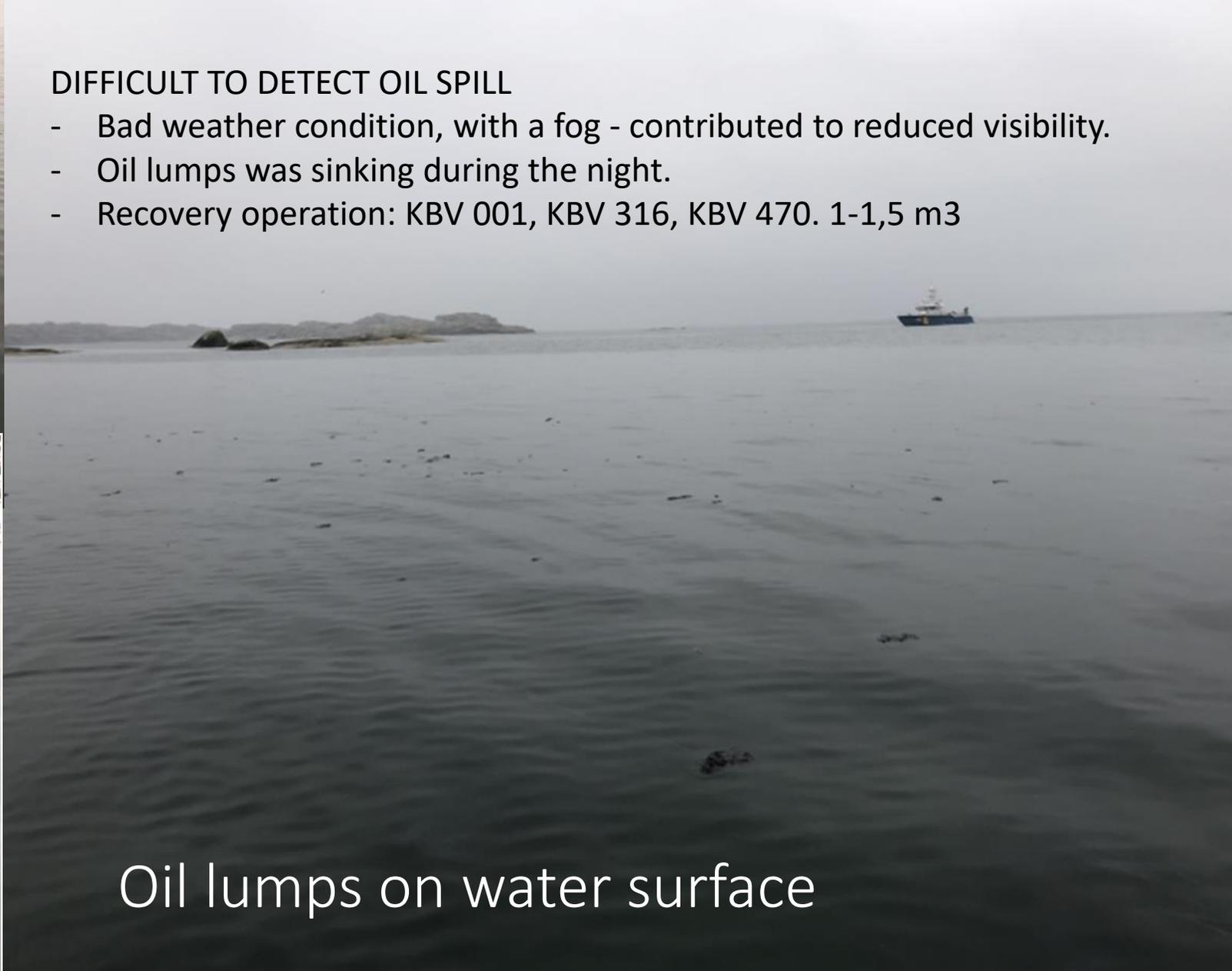
Fotografier: Anslutningsventil som orsakat överbunkning, 2022-04-15 09:22, id: 0000-1123-22



Fuel Oil characterization

- RMD380
- VLSFO, **0,49% sulphur** content
- Density **941 kg/m³** @15°C (seawater density 1025 kg/m³)
- Viscosity, 182 cSt @ 50°C
- Pour Point **18 °C** (water temperature 6°C)
- Flash point >70 °C





DIFFICULT TO DETECT OIL SPILL

- Bad weather condition, with a fog - contributed to reduced visibility.
- Oil lumps was sinking during the night.
- Recovery operation: KBV 001, KBV 316, KBV 470. 1-1,5 m³

Oil lumps on water surface

affected municipalities started clean-up operation

