Enhanced data in the Hammerfest Basin

The reprocessed conventional dataset covers the Hammerfest Basin and the southern flank of the Loppa High highlighting structures and reservoirs more accurately for better evaluation of the area.

The data provide coverage over the northeastern part of the Snøhvit Field and the Beta discovery. Exploration in the Hammerfest Basin has proven several petroleum systems and plays with the presence of multiple source rocks of mainly Jurassic and Triassic age.

Reprocessing included comprehensive denoise and demultiple flow including 3D SRME. The survey is available in both time and depth.
# SURVEY SUMMARY

- **Type:** 3D  
- **Geometry:** Standard  
- **Size:** 992 sq. km  
- **Acquisition year:** 2008  
- **Completion of processing:** 2014  
- **Reprocessed:** Yes  
- **Shooting direction:** 0/90  
- **Alternate ID:** MC3D-SWNR13M  

# ACQUISITION PARAMETERS

- **Number of streamers:** 6  
- **Streamer length:** 6,000 m  
- **Streamer separation:** 100 m  
- **Shot interval:** 25 m  
- **Record length:** 7,000 ms  
- **Source depth:** 6 m  
- **Sample rate:** 2 ms  
- **Bin dimensions (Acquisition):** 25 x 6.25 m  
- **Bin dimensions (Processing):** 12.5 x 12.5 m  
- **Fold:** 60

# PROCESSING AND DELIVERABLES

**Processing:** P-UP generation, 3D surface related multiple elimination (SRME), High resolution radon de-multiple, Kirchhoff prestack depth migration (PSDM), Beam depth migration, XT / Tau-P Deconvolution  

**Depth products:** Final Kirchhoff PSDM stack, PSDM angle stack near, PSDM angle stack mid, PSDM angle stack far, PSDM gathers, Velocity model  

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Jul 2020