Seafloor Sampling Surveys

- Identification of active petroleum systems
- Stratigraphic tie to seismic data in areas with no wells

Seafloor sampling in mature areas
- Ranking of prospects to optimize well placement
- Determination of hydrocarbon phase

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Multiclient Reports
Aims of seafloor sampling
• Rank structures by identifying migrated hydrocarbons above closures

Methods
• Seafloor sampling using a gravity corer
• Seep samples analyzed at APT, AGI and MPOG labs

Deliverables
• Interpretation report, ArcGIS project, survey and analytical data

Multiclient projects in APA Areas
• Testing the prospectivity of undrilled closures
• Site selection based on AMS17 3D seismic data
• Norwegian Sea (Fenris Graben, Gjallar Ridge)
• Barents Sea (Veslemøy Ridge, Tromsø Basin)

Seep sampling strategy
• Transect sampling
• 0.5 to 2 km site spacing
• Calibration sites near exploration wells

Proprietary projects in production licenses
• Extending the reserves of known discoveries
• Barents Sea (Hoop, Fingerdjupet)
• Norwegian Sea (Fenris Graben, Gjallar Ridge)

Seep sampling strategy
• 1 x 0.5 km grid over target structures
• Transects with 1 km site spacing
• Transect tying grids to discoveries for calibration

2018 Seafloor Sampling in APA Areas and Production Licenses

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