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# Teknologivalg og risiko

Ståle Kyllingstad/ IKM Gruppen  
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## Long perforations offshore Norway with ComTrac

- 139,9m / 459 ft perforation string with tractor
- 95 m / 311 ft of 2 7/8" High Shot Density guns (6 shot/ft) + spacers
- Approximately 3300 kg / 7200 lbs string weight in air



90 ft Wireline mast for comparison

Approximate scale  
between a mast and string  
run

# Pressemelding, 23. nov. 2018

## Archer completes record breaking horizontal perforation job with ComTrac carbon composite rod

Archer's unique ComTrac carbon composite rod system continues to break records for horizontal perforating.

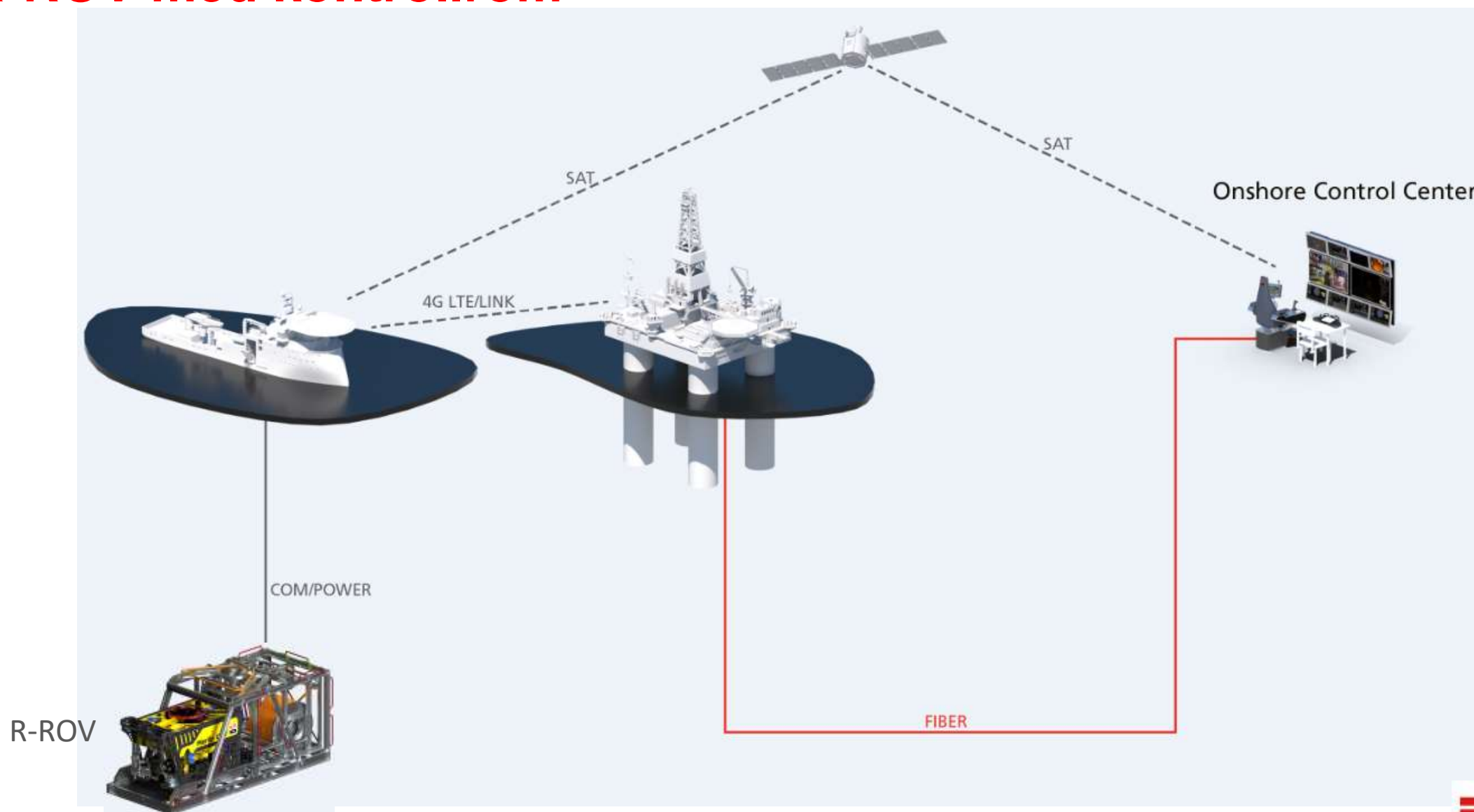
Modern completion practices designed to maximise productivity, such as long horizontal drain sections, can be challenging to execute. A recent job requiring extended perforated intervals in a horizontal section exceeding 800m in length was completed in only 5 runs using ComTrac in combination with a downhole tractor device.

The longest perforating string included no fewer than 15 fully loaded 2-7/8" guns, orienting weights to ensure optimum charge placement, decentralising devices and shock absorbing assemblies. A bottom-hole assembly of 140m length, including the tractor conveyance tool, and weighing 3,300kg was conveyed along an 830m horizontal section with a maximum angle of 92 degrees. The total interval perforated on this single run was 105m from top to bottom shot.

In all, well over 400m of pay was perforated using 55 guns in a total of 5 runs in hole, an interval that would have taken 18 runs using conventional wireline techniques. Archer's ComTrac system reduced the total operating time from 9 days to 2.5 days. The operational risk associated with perforating an oil well is directly related to the number of runs required; so as well as saving significant time ComTrac operations reduce the possibility of a ballistic misfire or tractor conveyance problem leading to a greatly improved risk profile.

■ 50 – 50 Archer / IKM

# R-ROV med kontrollrom



# R-ROV med kontrollrom





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**Takk for oppmerksomheten!**

