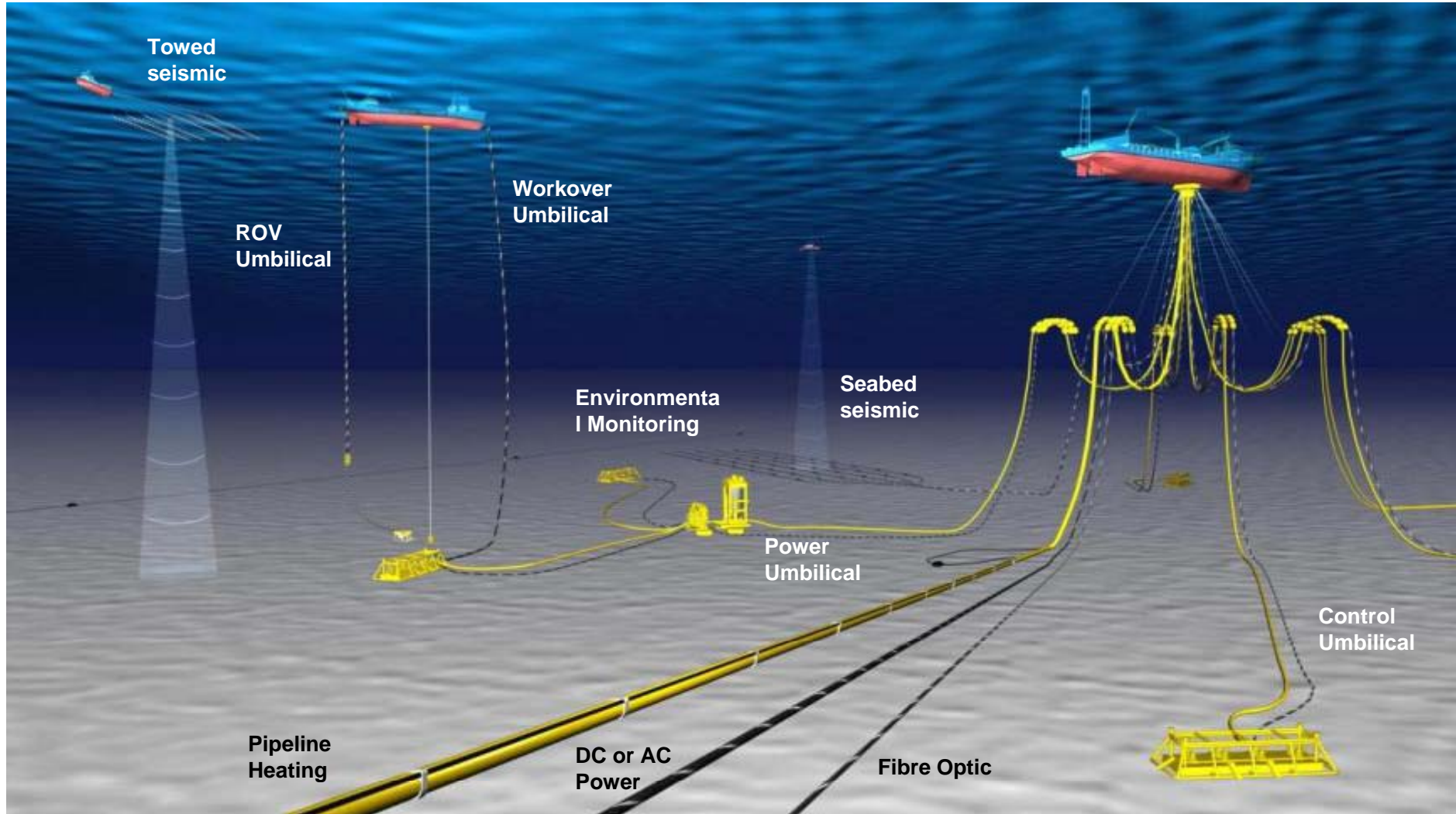


**Cable Solutions  
for  
Cabled Ocean Observatories**

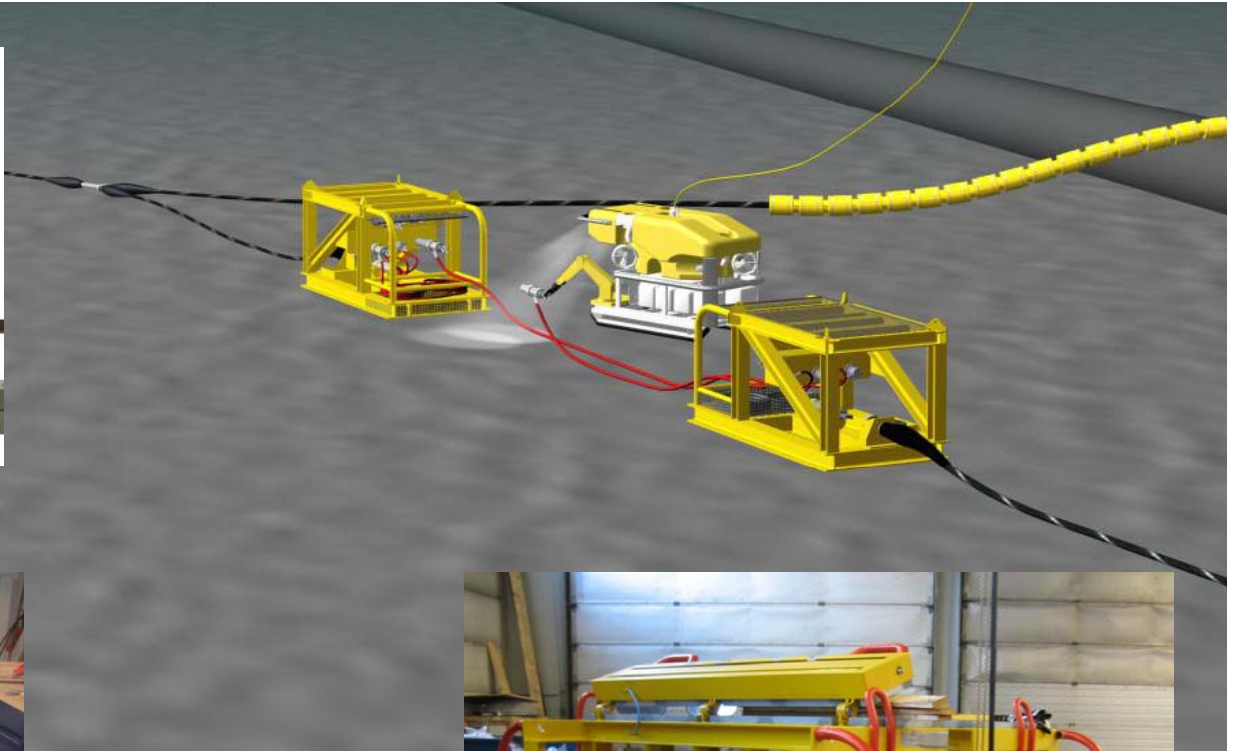
Gunnar Berthelsen  
Business Development Manager

24.3.2011





**Cable Joint**

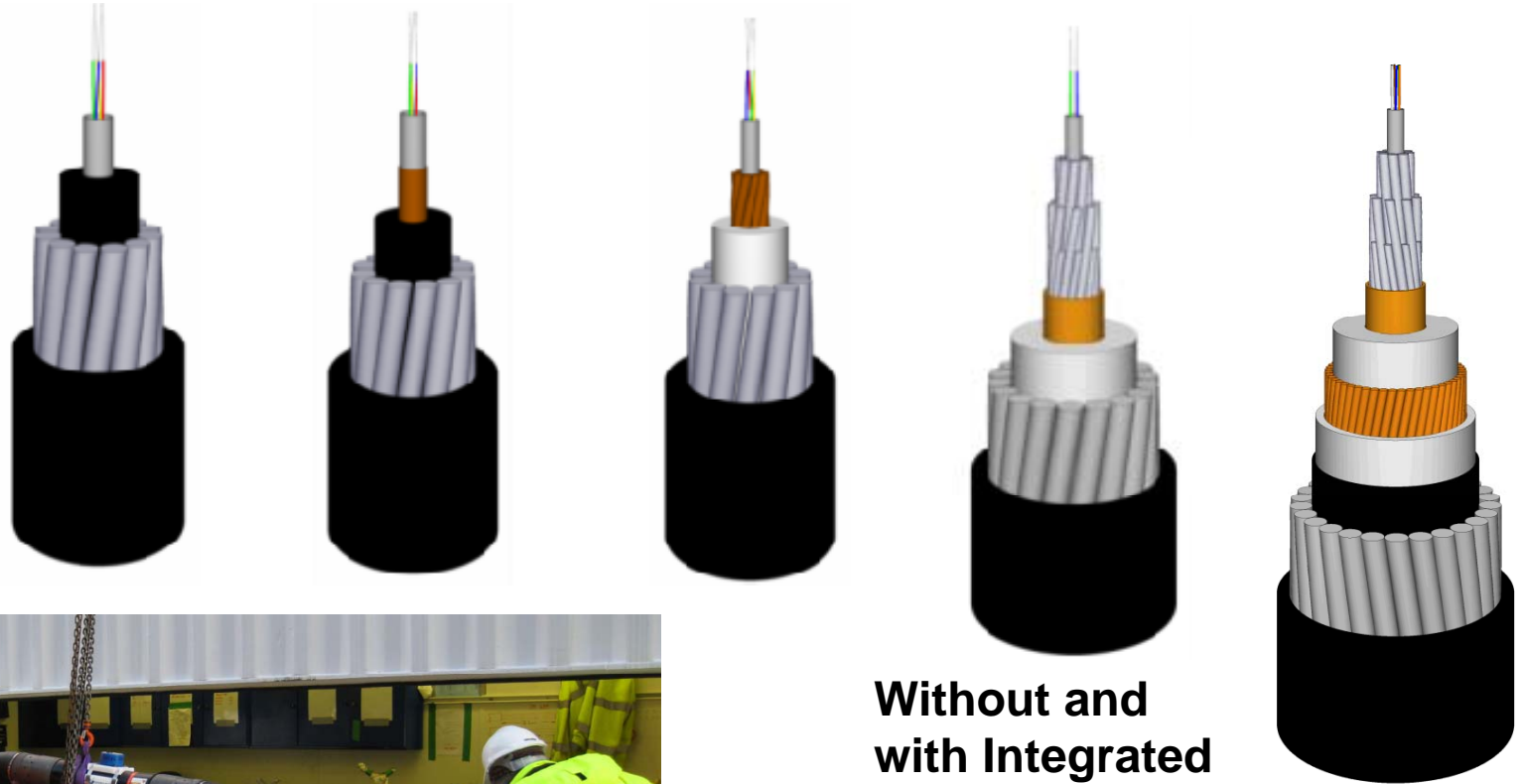


**Branching Unit**

**Cable End Module**



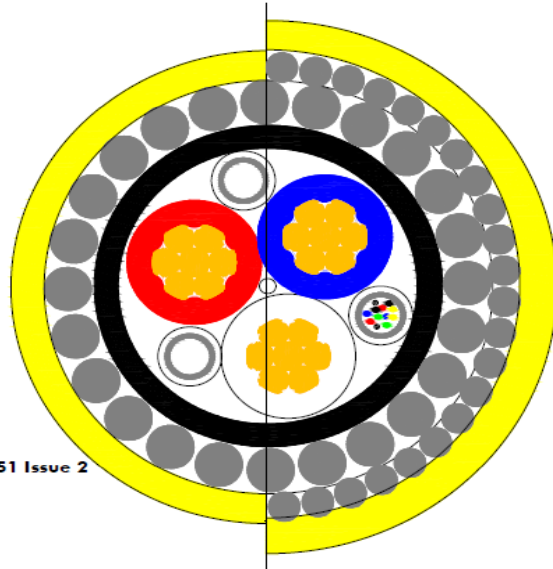
Cables from  
96 Fibres/no power  
to  
12 Fibres/10 kV DC



Without and  
with Integrated  
Return

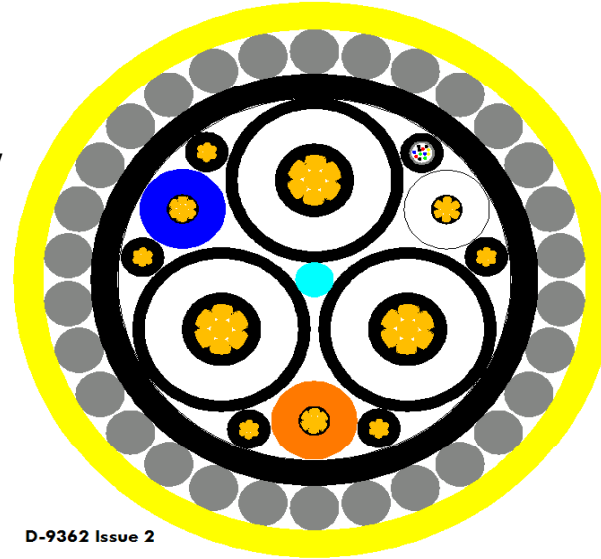


Cable/Repeater  
integration in Rognan



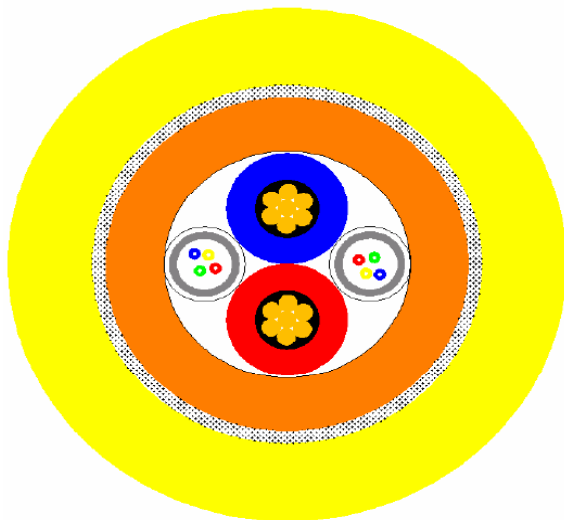
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**13 mm<sup>2</sup>/1.5 kV  
Fibre Optics  
Gas tubes**

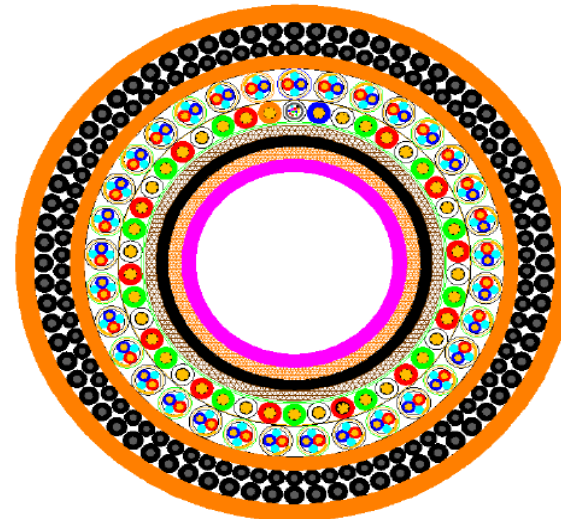


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**16 mm<sup>2</sup>/12 kV  
4 mm<sup>2</sup>/3 kV  
Fibre Optics**



**0.82 mm<sup>2</sup>/1 kV  
Fibre Optics**



**1.5 mm<sup>2</sup>/3.3 kV  
Fibre Optics  
0.5 mm<sup>2</sup> pair  
Air hose 1"/3000 psi**