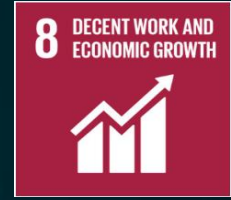


Experiences from digital platform for

Equipment Sharing

GCE Ocean Technology 09.12.2020

Cecilie Sælen, CCB Subsea



CCB Subsea



CCB Subsea was founded in 2016 as a system-independent supplier of Subsea & Drilling services to O&G operators and rig owners

- 40 employees:
 - Management & Administration
 - Engineering Dept.; Subsea Engineers and Sr. Supervisors
 - Workshop; Subsea Mechanics / Offshore Supervisors
- Some of our major clients are Equinor, Shell, OKEA and Odfjell:
 - Frame agreement “3rd party subsea maintenance and services”
- Main office and workshop at CCB Ågotnes
- Bases and workshop facilities:
 - Along the Norwegian coast
 - Aberdeen, Las Palmas, Esbjerg, Perth



Sustainable business development

- Sustainable development is a global key driver for businesses
- Sharing economy and reuse is of great importance for sustainable development of our industry



“The O&G industry at large sits on a vast and costly portfolio of first class subsea equipment”

Impact of sharing – and reuse

- Significant contribution to sustainability and environmental concerns
- Each sharing item represents an environmental footprint
- Improved lead times and formidable cost reduction
- Cooperation between operators taking more control of resource utilization
- Reduced cost by independent service providers entering the market

Click on picture for video



Developing subsea sharing solution for the NCS



SubQuip, part of
Virtual Inventory

2016

2017

2018

2019

2020

Idea
Phase

Partners

Financial
support

System
development

Mark I

Mark II
Contract Wizard

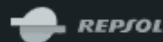
Technical consultancy
and advisory for NOROG

SubQuip

12
operators

47455
items


+500.000
part no.



Easy to search

ormen lange										
<input type="radio"/> Part number <input checked="" type="radio"/> Equipment <input type="radio"/> Bill of material (BOM) <input type="radio"/> Rental Contract										
Equipment Number	Material	Description	Vendor	Vendor Part Number	Vendor Serial Number	Owner	Licence	Normal location		
31001447993	100049008	PARKING TOOL ASSY,100049008,FMCTECH	TECHNIPFMC	100049008	47023249-00003-002	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447992	100049008	PARKING TOOL ASSY,100049008,FMCTECH	TECHNIPFMC	100049008	47023249-00003-001	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447991	100049008	PARKING TOOL ASSY,100049008,FMCTECH	TECHNIPFMC	100049008	47023249-00001-001	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447990	100003353	HUB INSPECTION CAMERA,100003353,FMCTECH	TECHNIPFMC	100003353	45051534-002	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447989	100035992	ROV TOOL,17D,100035992,FMCTECH	TECHNIPFMC	100035992	47027536-01	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447987	100035993	ROV TOOL,100035993,FMCTECH	TECHNIPFMC	100035993	47028977-01	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447986	100035992	ROV TOOL,17D,100035992,FMCTECH	TECHNIPFMC	100035992	47028977-01	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447985	100012558	TORQUE ADPTR KIT ASSY,100012558,FMCTECH	TECHNIPFMC	100012558	45051470-03	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447984	100035992	ROV TOOL,17D,100035992,FMCTECH	TECHNIPFMC	100035992	45050346-02	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447983	7601688	TORQUE TOOL,7601688,FMCTECH	TECHNIPFMC	7601688	47018385-01	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447982	7600544	CALIBRATION TEST JIG,7600544,FMCTECH	TECHNIPFMC	7600544	45051497-02	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447979	100035993	ROV TOOL,100035993,FMCTECH	TECHNIPFMC	100035993	45050346-02	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447978	100029631	SCM OVERRIDE TOOL,MKII,100029631,FMCTECH	TECHNIPFMC	100029631	45051533-01	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		
31001447977	100003353	HUB INSPECTION CAMERA,100003353,FMCTECH	TECHNIPFMC	100003353	45051534-001	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND		

Overview of same equipment



MATERIAL NUMBER - 100028733

**SKID INSTRUMENT,100028733,FMCTECH,
TECHNIPFMC, 100028733**


ADD TO BOM ADD NEW

OVERVIEW DOCUMENTATION EQUIPMENTS TECHNICAL SPECIFICATION REQUEST

Equipment Number	Material	Description	Vendor	Vendor Part Number	Vendor Serial Number	Owner	Licence	Normal location	Gross Weight	Alternative part no	Equipment Category	Equipment group	SubQuip Info	Wellhead type (field specific)	XMT type (field specific)
31001488857	100028733	SKID INSTRUMENT,100028733,FMCTECH	TECHNIPFMC	100028733	47396606001	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND						FMC UWD 15	HXT - 7"
31001488856	100028733	SKID INSTRUMENT,100028733,FMCTECH	TECHNIPFMC	100028733	47131797-001	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND						FMC UWD 15	HXT - 7"
31001488855	100028733	SKID INSTRUMENT,100028733,FMCTECH	TECHNIPFMC	100028733	47131797-002	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND						FMC UWD 15	HXT - 7"
31001448012	100028733	SKID INSTRUMENT,100028733,FMCTECH	TECHNIPFMC	100028733	45050987-01	A/S NORSKE SHELL	ORMEN LANGE	KRISTIANSUND						FMC UWD 15	HXT - 7"
12244603	100028733	TRANSP./INST.SKID MRT/SCM 200, 100028733	TECHNIPFMC	100028733	USN00027542	EQUINOR	VISUND NORD (4-GEN.FMC)			00531149		TOOLS - none installation			
12121689	100028733	TRANSPORTATION SKID, FOR MRT/5,100028733	TECHNIPFMC	100028733	4700163897-002	EQUINOR	JOHAN SVERDRUP			00852134		TOOLS - none installation		TFMC NCS 2014	
12121688	100028733	TRANSPORTATION SKID, FOR MRT/5,100028733	TECHNIPFMC	100028733	4700163897-001	EQUINOR	JOHAN SVERDRUP			00852134		TOOLS - none installation		TFMC NCS 2014	
12007826	100028733	TRANSP./INST.SKID MRT/SCM 200, 100028733	TECHNIPFMC	100028733	47889768-001	EQUINOR	SNORRE B			00531149		TOOLS - none installation			
12007861	100028733	TRANSP./INST.SKID MRT/SCM 200, 100028733	TECHNIPFMC	100028733	47889768-002	EQUINOR	SNORRE B			00531149		TOOLS - none installation			

Sheet0 Sheet1

Technical details



EQUIPMENT NUMBER - 5115052

**CUTTING TOOL,HCCS720,GE
N199500E292B, GE, N199500-E292B-CP**

[ADD TO BOM](#) [ADD NEW](#)

OVERVIEW

DOCUMENTATION

TECHNICAL SPECIFICATION

REQUEST

FEATURE & BENEFITS

Onshore mobilisation only

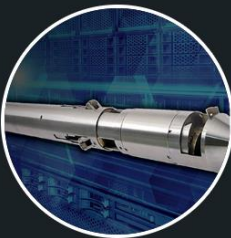
ABOUT

Downhole Electric Cutting Tool (DECT) features include:

- Cuts pipe in either tension or compression
- No requirement for subsequent clean up operations
- Cuts all grades of low and high alloy steels
- Operates in gas, oil, brine, or drilling mud
- Multiple cuts possible during single run
- Cuts pipe in all orientations, from vertical to horizontal sections
- Simple maintenance can be redressed at wellsite
- Helicopter transportable (no hazardous materials)
- Ideal tool for packer release, where precisely controlled a cut is required
- Cuts all types of 4-1/2", 5" and 5-1/2" tubing (including 13 CR) and casing

TECHNICAL OVERVIEW

Equipment No
Material
Vendor
Vendor PartNo
Vendor SerialNo
Owner
Name of Field
Normal location



EQUIPMENT NUMBER - 5115052

**CUTTING TOOL,HCCS720,GE
N199500E292B, GE, N199500-E292B-CP**

[ADD TO BOM](#) [ADD NEW](#)

OVERVIEW

DOCUMENTATION

TECHNICAL SPECIFICATION

REQUEST

TECHNICAL INFORMATION

Downhole Electric Cutting Tool (DECT)
Last Update 15.11.2019

[Preview](#) [Download](#)

+

ADD MORE

Select Title

User Guide

ADD DOCUMENTS

Equipment list for an operation

Bill of Material > Shell (Shell) > Knarr A-3 Installation TH > Request

COMMENTS OPTIONS REQUEST

Click to add comment

Add Comment

BILL OF MATERIAL

Knarr A-3 Installation 1

EDIT BOM CREATE CONTRACT

SHOW CONTRACTS

SUBQUIP TOOLING

WIRELINE ... , P216154 ☐

TH HANG O... , P1000096630 ☐

INSTALLATION TH

LANDING S... , P6000123144, 2010-04-23K, A/S NORSE SHE ☐

SHIPPING ... , P6000062643 ☐

LANDING S... , P6000123144 ☐

RUNNING/R... , P211836 ☐

TEST STUM... , P208161 ☐

Sheet0 Sheet1

Contract template



RENTAL CONTRACT

1

CONTRACT TITLE

CONTRACT NO.

Will be autogenerated

2

Owner

Organization number

hereafter referred to as OWNER

Upload
Logo

REPRESENTATIVES

Technical

Commercial

3

Renter

Organization number

hereafter referred to as RENTER

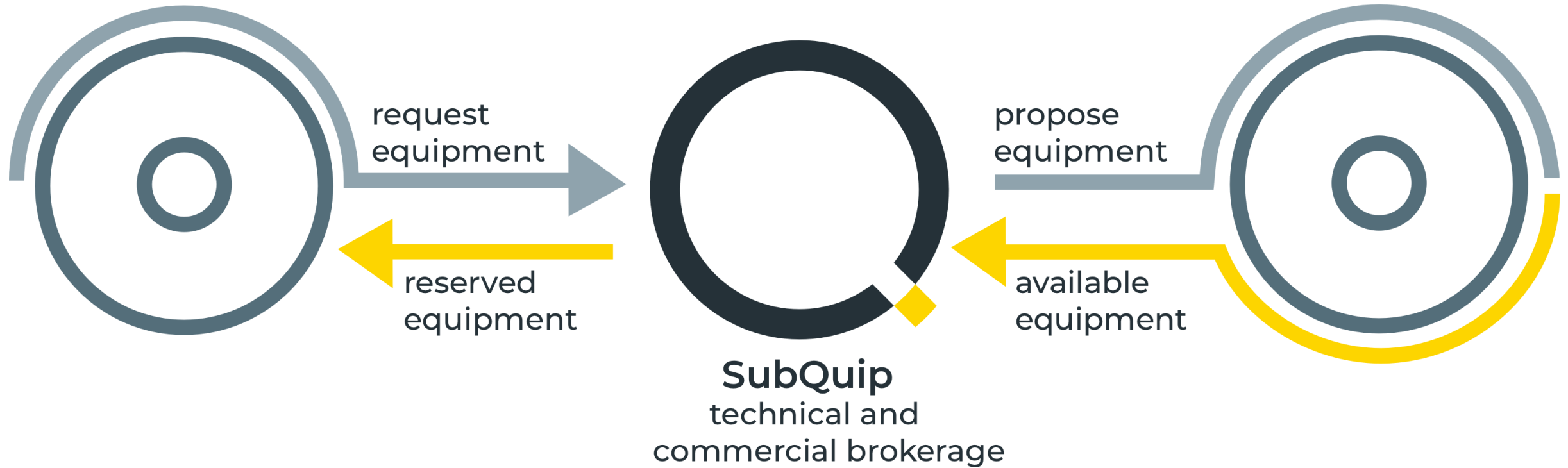
Upload
Logo

REPRESENTATIVES

Technical

Commercial

Solution



Key experiences

- Commitment among the participants
- Agree on a simple framework and contract
- Strengthened competence together
- Need a 'driver' to get maximum value

QuipShareTM

Opportunity to develop
portal for sharing globally
among major operators





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a sustainable development

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cecilie.saelen@ccb.no