



OFFSHORE NORGE

MATERIAL SHARING THROUGH DIGITAL COLLABORATION

OEUK HSE Conference
Thursday 6th of February 2025

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ABOUT OFFSHORE NORGE



Offshore Norge coordinates several collaboration projects and services for the industry.

Facts about Offshore Norge:

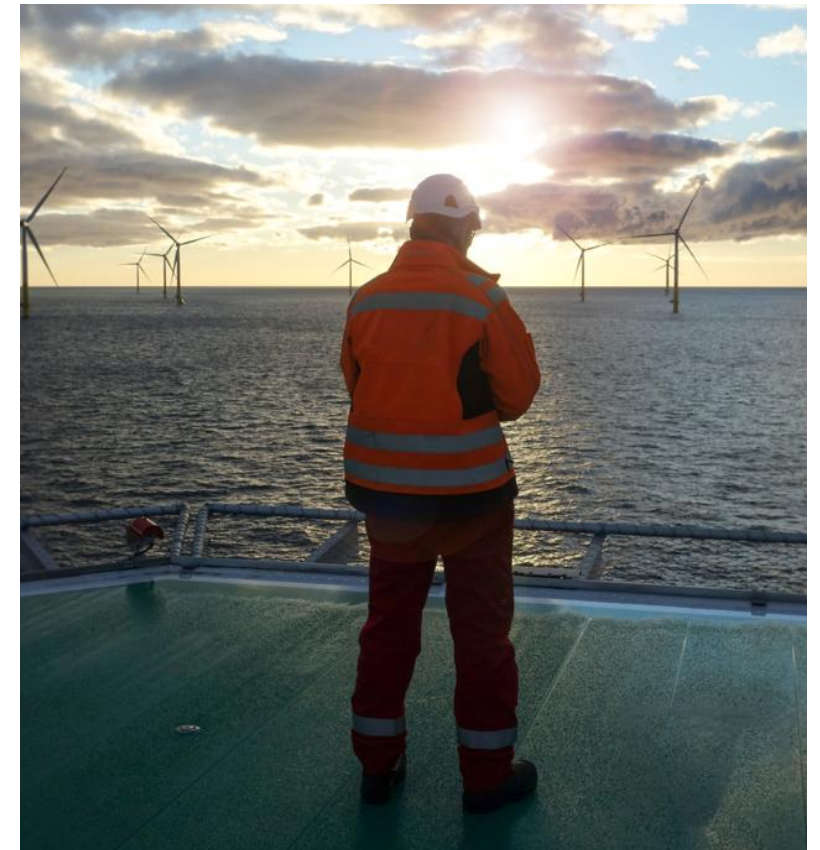
Offshore Norge is a professional body and employer's association for oil and supplier companies.

We cover several functions:

- employers' association
- interest organisation towards government and society
- **Coordinating and managing collaboration projects in the industry (Collabor8)**

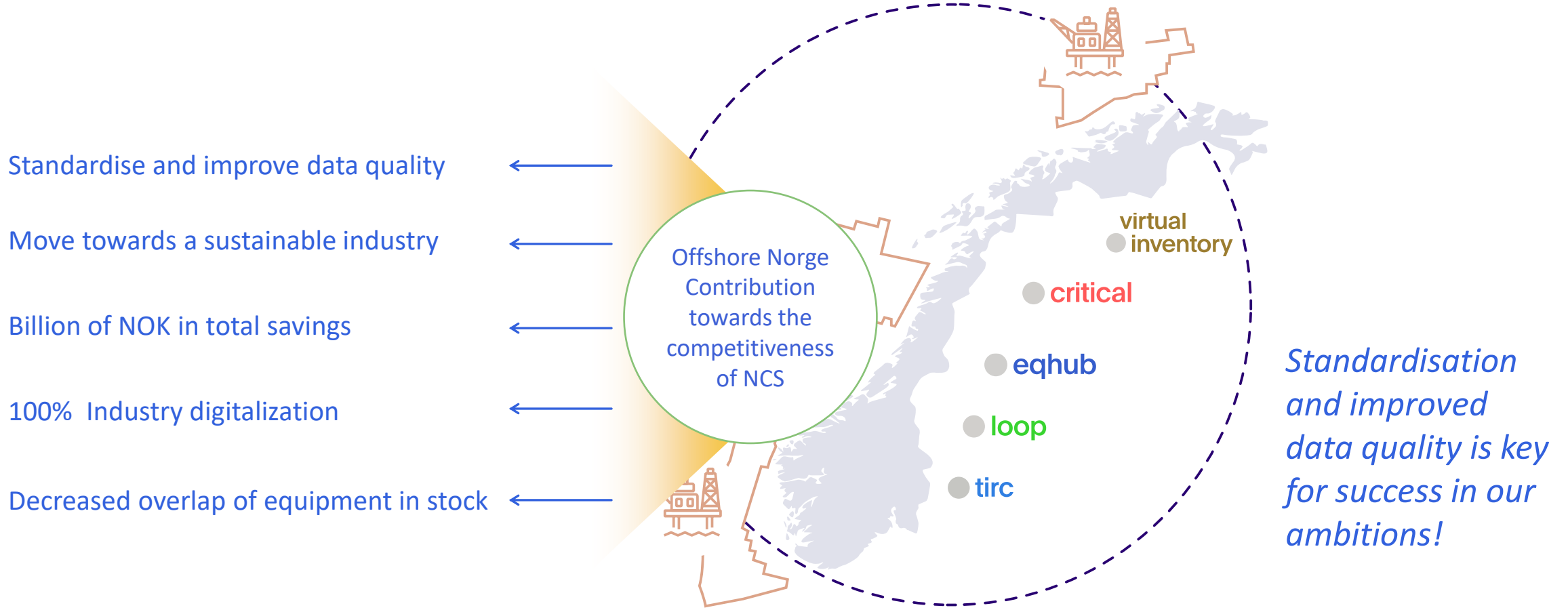
We represent more than 100 member companies with a total of 35 000 employees

Offshore Norge is a part of The Confederation of Norwegian Enterprise (NHO)



MATERIAL MANAGEMENT SERVICES

OUR AMBITIONS



MATERIAL MANAGEMENT SERVICES

- **Virtual Inventory** – Service for sharing of inventory across all operators on NCS
- **Critical** – Service for request for critical material
- **Loop** – Service for sales handling of surplus material
- **EqHub** – Common repository for gathering and sharing of equipment data and documentation
- **EqHub Norm** – Common standards for information and document gathering
- **SPIR** – Common digital spare part handling

DEVELOPMENT OF THE MATERIAL MANAGEMENT PORTFOLIO

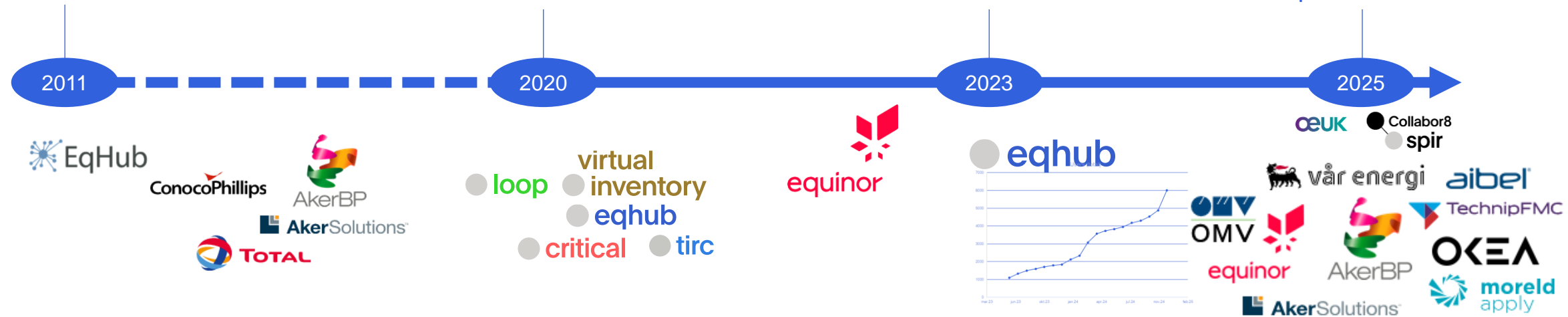


Start up of
EqHub
initiative

Implementation of
Sharing Economy
initiative in practice

New EqHub solution
and common **MM**
platform

SPIR implementation,
improve solutions and
continuous
implementation



- Utilised for a limited numbers of projects
- Up to 50 suppliers
- 3 active operators
- Standards implemented
- No API or data transfers

- All NCS operators onboarded
- Hundreds of active users
- Weekly requests and transactions
- Several critical incidents solved
- Integration across the services

- 400+ suppliers and growing
- Over 6200 users and growing
- 10 million data transfers (18.000 daily)
- 10.000 new products
- All operators on NCS engaged

eqhub Home Manufacturers Requirements Search Verifications Administration

Manufacturer

Class

Properties

Filtration principle: OR AND

- Emitting frequency 12
- Frequency band designation 12
- Frequency range 1
- Insertion length 33
- Rated applied power 1
- Sour service specification 15
- Span limit maximum, Level 16
- Span limit minimum, Level 16
- Upper limit design pressure 20

Export search results

Products transmitters

Products found: 217

Status VERIFICATION STATUSES / **Approved**

Export search results

Type	EqHub ID	Manufacturer	Part No.	Part No. alias(es)	Model No.	Class	Revision No.	Status
	763125							Approved
	582081							Approved
	823237							Approved
	823368							Approved
	823448							Approved
	823468							Approved
	823506							Approved
	823524							Approved

Product Details

EqHub ID: 582081

Published Approved

Revision Number: 4

Overview Documents Verification & Context Change log

Manufacturer: ROSEMOUNT

Class: Transmitter, Diff.pressure, Electric

Part Number: 3051CD-1-A-2-2-A-1-K-B411-L4-Q4

Model Number: 3051CD

Part Number Alias(es):

GTIN Number:

Part Number Uniqueness Unique ID:

UNSPSC Category:

Description: Rosemount 3051C Coplanar™ Pressure Transmitters are the industry standard for differential, gage, and absolute pressure measurement. The coplanar platform enables seamless integration with manifolds, flow and level solutions.

Properties

Safety and Environment

Approval authority: Baseefa

ATEX category: 1

ATEX explosive atmosphere: G

ATEX group: II

Ambient temperature: -60 - 40 °C

CE marking: CE1180

Equipment protection level: Ga

EX certificate number: BAS 97ATEX1089X

Product search

Standardised product data

Product Details

EqHub ID: 582081

Published Approved

Revision Number: 4

Overview Documents Verification & Context Change log

Table view List view

Required / Additional	Category	Mandatory / Conditional	Document Id	Document Title	Document No.	Revision No.	Revision date
Required	Data sheet	Mandatory	57276	PRODUCT DATA SHEET	00813-0100-4001	TC	01.03.2018
Required	Detail cross sectional drawings with parts list	Mandatory	57277	REFERENCE MANUAL - ROSEMOUNT 3051 PRESSURE TRANSMITTER WITH HART PROTOCOL, MAY 2017	00809-0100-4001	KA	01.05.2017
Required	EU declaration of conformity	Mandatory	57278	EC DECLARATION OF CONFORMITY	RMD 1017	Z	11.04.2017
Required	General Arrangement drawing	Mandatory	57281	TYPE 1 DRAWING PRESSURE TRANSMITTER	03031-1011	AP	04.10.2016
Required	Installation, operation and maintenance instructions	Mandatory	57277	REFERENCE MANUAL - ROSEMOUNT 3051 PRESSURE TRANSMITTER WITH HART PROTOCOL, MAY 2017	00809-0100-4001	KA	01.05.2017
Required	Packing, storage, preservation, lifting, transportation and handling procedure	Mandatory					
Required	Product description and ordering information	Mandatory	57276	PRODUCT DATA SHEET	00813-0100-4001	TC	01.03.2018
Required	Termination and wiring diagram	Mandatory	57277	REFERENCE MANUAL - ROSEMOUNT 3051 PRESSURE TRANSMITTER WITH HART PROTOCOL, MAY 2017	00809-0100-4001	KA	01.05.2017
Required	Coating procedure	Conditional					
Required	EX certificate	Conditional	57275	ATEX CERTIFICATE	BAS97ATEX1089X	Issue 20	05.04.2017
Required	Inspection and Test Plan	Conditional					
Required	Spare part list	Conditional					
Required	Supplier SIL documentation	Conditional					

Product documentation

loop Items Sales Reporting Administration

Items

Status

All
 Draft 1
 Available 6
 Added To Sale 4
 On Sale 13
 Sold 53
 On Hold 57

Sellers

All
 A/S Norske Shell
 Offshore Norge
 CONOCO-PHILLIPS SKANDINAVIA AS
 AKERBP ASA
 TIETOEVRY NORWAY AS
 VÅR ENERGI ASA
 Equinor Energy AS

Broker

All
 Retrade
 Stena Recycling AS

Product disciplines

All
 Architectural 3
 Consumables/Parts 51
 Drilling 3
 Electro 10
 Fire & Gas 3
 Heat Transfer Equipment
 HVAC
 Instrument 4
 Material Handling Equipment 7
 Mechanical 4
 Mooring Equipment
 Safety 3
 SPS Systems
 Telecom

Items per page: 12 1 - 12 of 126 Export Items

Subsea Choke

TechimpMC Agnes Available Unused

Part of: Foamglas Fabricated Insulation
Foamglas

Havneveien 50, 9610 RYPERJORD - Polarbase Bygg 19 On Sale Unused

Part of: K-Flex ECO IN CLAD 25MM
K-Flex ECO IN CLAD 25MM

Havneveien 50, 9610 RYPERJORD - Polarbase Bygg 19 On Sale Unused

Part of: Proserv Boosterpumpe 200
Proserv Boosterpumpe 200

Havneveien 50, 9610 RYPERJORD - Polarbase Bygg 17 On Sale Used

Part of: GMI Oxygen 500R Gasanalyser
GMI Oxygen 500R Gasanalyser

Havneveien 50, 9610 RYPERJORD - Polarbase Bygg 17 On Sale Used

Part of: Differentialtrykksmåler
Differentialtrykksmåler

Havneveien 50, 9610 RYPERJORD - Polarbase Bygg 17 On Sale Unused

Part of: Kontrollbryler
Kontrollbryler

Havneveien 50, 9610 RYPERJORD - Polarbase Bygg 17 On Hold Unused

Part of: Parikelfilter Sundström SR 510 P3
Parikelfilter Sundström SR 510 P3

Havneveien 50, 9610 RYPERJORD - Polarbase Bygg 17 On Hold Unused

Valtre H1250B1-VV

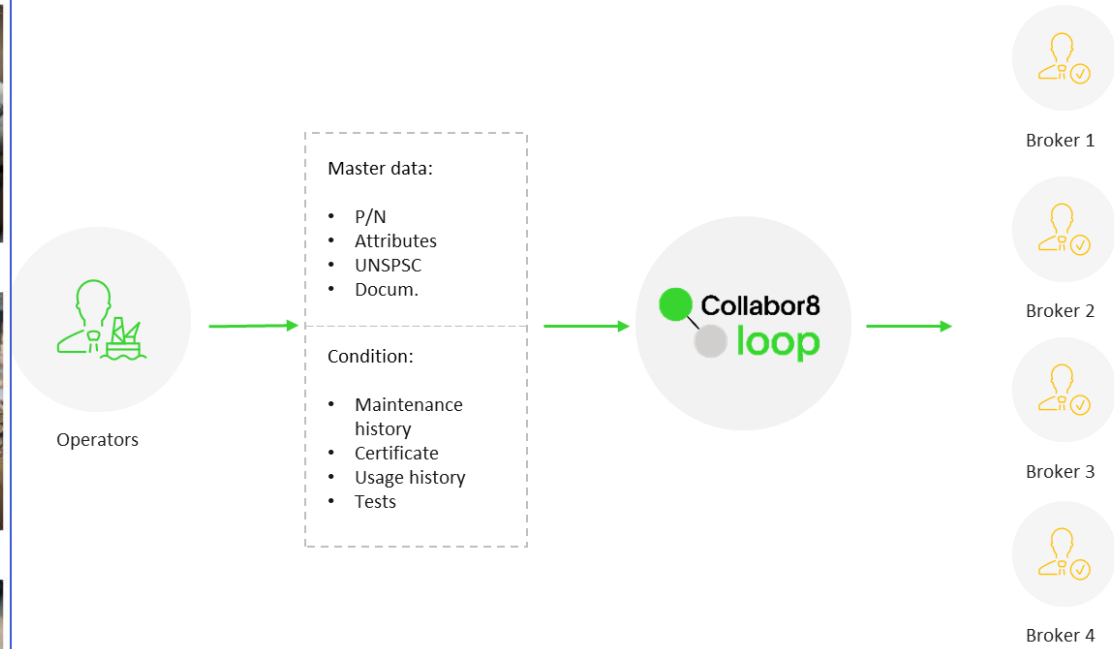
Nymans Available Used

HIMA 90 100

HIMA 42 300

HIMA 42 110

Collabor8 loop





Collabor8 virtual inventory

virtual inventory | Inventory search | Requests | Reporting | Data Administration | My Company | Administration

0 Send to Loop | + Import Inventory | + Critical | EN | YN

General | 330400-02-05 | Search results: 1788

NO RELEVANT RESULTS?

Material #	Description	Manufacturer Part #	Manufacturer	Owner	Location	Qty	3D	Compare	Send to Loop
> Multiple: 2	PROBE, VIBR, 330400-02-05, BENTLY NEVADA	330400-02-05	BENTLY NEVADA CORP	CONOCOPHIL SKANDINAVIA	Multiple: 2	7	-		
> 10182052	ACCLRMTR:ACCELERATION, TRANSDUCER, 24V, 31	330400-02-05	BAKER HUGHES	BP EXPLORATION OPERATING COMPANY LIMITED	EOC Main Plant	29	-		
Multiple: 10	PROBE:VIBRATION	330400-02-05	BENTLY NEVADA	Multiple: 4	Multiple: 10	49	-		

Material Description	Material #	Manufacturer Part #	Owner	Location	Qty	3D	To cart
Multiple: 7	Multiple: 7	330400-02-05	AKERBP ASA	Multiple: 7	43 pcs	-	...
PROBE:VIBRATION	1000171094			Ivar Aasen Platform - Offshore	10 pcs	0	
ACCELEROMETER:ACCELERATION TRANSDUCER, -2	1000229694			Skarv FPSO - Offshore	4 pcs	0	
ACCELEROMETER:ACCELERATION TRANSDUCER, -2	1000229694			Skarv Supply Base	4 pcs	0	
ACCELEROMETER:ACCELERATION TRANSDUCER, -2	1000229694			Tambar Supply Base	18 pcs	0	
ACCELEROMETER:ACCELERATION TRANSDUCER, -2	1000229694			Ula Supply Base	2 pcs	0	
ACCELEROMETER:ACCELERATION TRANSDUCER, -2	1000229694			Valhall PH Offshore	3 pcs	0	
ACCELEROMETER:ACCELERATION TRANSDUCER, -2	1000229694			Edvard Grieg Platform-Offshore	2 pcs	0	
ACCELEROMETER, 330400-02-05, BENTLY NEVADA	11017944	330400-02-05	NEPTUNE ENERGY NORGE AS	Florø Main	3 pcs	-	0
ACCELEROMETER, BENTLY-N, 330400-02-05, M8x1	1000308626	330400-02-05	OKEA ASA	Vestbase	1 pcs	-	0
ACCELEROMETER, 330400-02-05, BEN.NEV, M8NDE	0000010000	330400-02-05	VÅR ENERGI ASA	Jotun	2 pcs	-	0

SEE ON EQHUB | + Critical | Add to cart

You are about to create a Critical

A new request group will be created with individual requests to the operators

1. Requester Info | 2. Material Info | 3. Request Info

Required Information

Operator: Yngve Nilsen

Email: yngve.nilsen@offshorenorge.no

Phone #: +47

Additional Information

License/Asset/Installation

Email of Colleagues to cc'd

CANCEL | PROCEED TO STEP 2

Material #	Description	Manufacturer Part #	Manufacturer	Owner	Location	Qty	3D	To cart
Multiple: 2	PROBE, VIBR, 330400-02-05, BENTLY NEVADA	330400-02-05	BENTLY NEVADA	CONOCOPHIL SKANDINAVIA	Multiple: 2	7	-	
ACCELEROMETER, 330400-02-05, BENTLY NEVADA	11017944	330400-02-05	NEPTUNE ENERGY NORGE AS	Florø Main	3 pcs	-	0	
ACCELEROMETER, BENTLY-N, 330400-02-05, M8x1	1000308626	330400-02-05	OKEA ASA	Vestbase	1 pcs	-	0	

Collabor8 critical

Critical Request

Product search across all operators

EXAMPLES OF MATERIAL SHARING



Collabor8 virtual inventory

Collabor8 critical

virtual inventory

Real-life examples

Skarv

The Skarv license had an urgent need to acquire proximity sensors for its compressors to avoid production losses. It would take several weeks to deliver this item from the supplier, but another operator had a surplus inventory of the required product and could share it within 24 hours. In this way, Skarv avoided downtime with a potential income loss calculated at NOK 18-84 million for the operator and its fellow licensees.






virtual inventory

Real-life examples

Alvheim

The Alvheim license needed spare parts for a pump to avoid a potential production shutdown. These components were identified within 12 minutes after the submission of the request. Alvheim received the required parts in less than a day after the posting on the VI platform. Meanwhile, the delivery time from the supplier was estimated to be nine weeks. This collaboration avoided potential downtime not only for the Alvheim license but also for the tied-back Bøyla, Volund, and Vilje fields.






virtual inventory

Real-life examples

Eldfisk

A circuit board was required for the Eldfisk fire-alarm system. Equinor responded to the request within six minutes and fetched the component from an offshore installation by helicopter within a day. The board was installed offshore on Eldfisk within four days, saving the licensees 12 weeks of the delivery and installation time which they would otherwise face if ordering from the supplier.



COLLABORATION

Using Virtual Inventory



- Dialogue with OEUK about use of Virtual Inventory in 2024 initiated by Equinor
- Started pilot period with three energy operators in UK fall 2024
- Evaluation of pilot period and dialogue regarding way forward in Q2 2025
- Possible dialogue regarding implementation of Virtual Inventory and other relevant services for UK energy operators throughout 2025



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