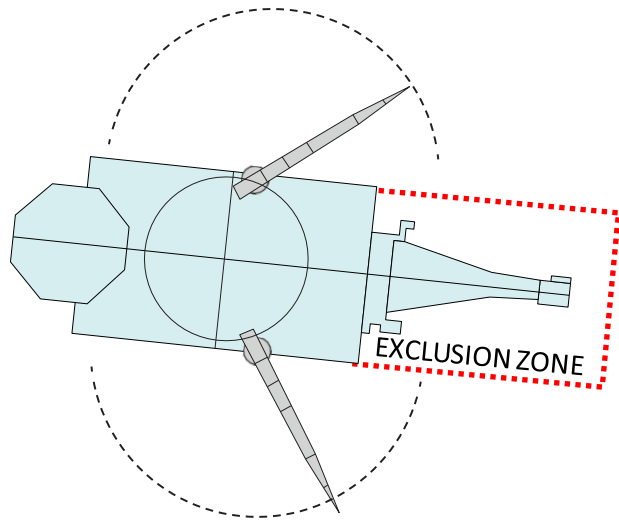
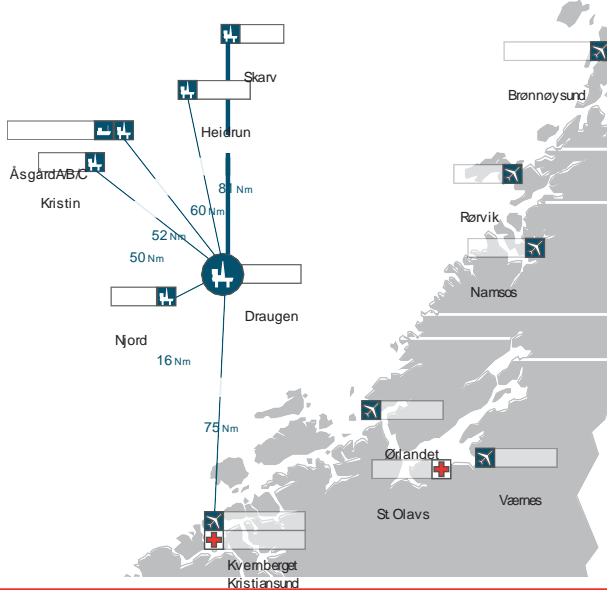




Installation Data Card

DRAUGEN NOR 6407/9



In case of rig alarm – vessel stand off as required by OIM/Control room

Position	N64° 21´ 11,423" E007° 46´ 57,384"	Water depth	252 meter / 828 feet
VHF	68 (Working channel)	Emergency	Channel 16
UHF	Crane N – Channel 103 – TX: 450,375mHz (Sub 71,9Hz) RX: 460,375 mHz Crane S – Channel 104 – TX: 450,450mHz (Sub 127,3Hz) RX: 460,450 mHz		
E-mail	Draugen.teamkoordinator@okea.no	Telephone	715 64612 (24/7)
DP Reference systems	North side: 1 x 190° Prism cluster Laser targets		South side: 3 x Radius transponders(160 170 180) 1 x 190° Prism cluster Laser targets
North and South Crane	SWL	Radius	Sea SWH
Single part whip line	15 T	45 m	2 m
2 fall	30 T	28 m	1,5 m
2 fall	30 T	25 m	2 m
3 fall	45 T	20 m	0,5 m
Hoses	Connections		
Diesel	4" Todo-matic, female		
Pot water	4" Union, Fig 100, male sub and nut		

Cargo transfer operations:



- Agree product and quantity to be transferred
- Ensure agree pump pressures/rates before discharge commences
- Confirm who will be the halting of the operation
- Cargo transfer to commence slowly to check system integrity
- Rates should only be increased when integrity of hose proved
- Regularly amount conformation with control room during cargo transfer

DRAUGEN LOADING BUOY (FSL)

Position N 64° 20, 8' E 007° 50, 4'





Offshore Operations Checklist

Prior to entry into the 500m zone the following checks should be carried out by the nominated person responsible for Marine Operations on the installation. Please ✓ the appropriate box or enter relevant details.

Location DRAUGEN **Vessel** **Date**

COMMUNICATION

Bridge - Engine Room	<input type="checkbox"/>	Vessel - location deck	<input type="checkbox"/>	Vessel PA	<input type="checkbox"/>
Bride - deck	<input type="checkbox"/>	Vessel - location crane	<input type="checkbox"/>	Vessel/loc.C/R	<input type="checkbox"/>

- Weather conditions within Adverse Weather Working Standard limits?
- Marine/Subsea Hazards/Restrictions?
- Vulnerable Riser Awareness?
- All vessel key systems available?
- Discussion to take place between Installations and vessel Master on overboard discharges?
- Master satisfied with arrangements?

Permission to enter 500m zone Time: Is radar on standby?

CARGO OPERATIONS

Has the plan been changed? YES NO

		DISCHARGE	BACKLOAD	DANGEROUS GOODS (DG'S)	
				Type	Quantity
Deck Cargo					
Turbulars					
Bulk Powder					
Bulk Liquids					
Infield Cargo					
DG's					

Other Installation activities expected during operations

Helicopters	<input type="checkbox"/>	Radio Silence	<input type="checkbox"/>
Meal Breaks	<input type="checkbox"/>	Other	<input type="checkbox"/>

Details:

