

Location	Valhall Field
Latitude	N 56° 16' 41,2"
Longitude	E 03° 23' 34,8"
Coordinate Datum	WGS 84
Water Depth	70 meters



Marine Hazards	
Safety zone 500 m	
Valhall complex; PH, IP & WP	
All WP cargo from vessels is picked up by IP crane	

Specific Marine Hazards

Valhall DP is removed, only jacket legs left sticking out of seabed. PCP topside removed, jacket still there. The possible consequence of vessel contact with these risers are very serious. Vessel are advised to manoeuvre in this area with extreme caution.

Prior to entering the 500 m safety zone vessels must send the checklist to Valhall standby vessel by mail

Communications	General	Emergency	Helicopter			
Valhall Control Room	VHF Ch. 14 +47 51 35 10 00	VHF Ch. 16 +47 51 35 10 00	Communication	118.050/130.550 MHz + 51 35 80 30		
	crrvalhall@akerbp.com		AkerBP Aviation	aviation@akerbp.com		
	Valhall OIM		UHF channels vessel - deck			
Valhall FA Logistikk	+47 51 35 11 00 val.plattformsjef@akerbp.com		PH	Ch. 5	VFN	Ch. 10/11
	+47 51 35 10 35 val.fa.logistikk@akerbp.com		IP	Ch. 9	VFW	Ch. 7/10/11
	Stand by vessel		VHF Ch. 14	WP	Ch. 5	VFS
			Near standby for all above assets		Ch. 1	

Crane details	SWL	Radius	Operational Crane Limits	
PH	1/2/3 fall	17/36/60 T	55 m	Max wind speed for internal and supply vessel handling: 40 knots
IPW	1/2 fall	9/18 T	25 m	
IPE	1/2/3 fall	16/34/60 T	50 m	
WP	1/2/3 fall	15/30/45 T	30 m	

Nearby Installations distance					Shore Distances		
VFN	3 Nm NNW	AkerBP	Eldfisk	7 Nm NW	ConocoP	Stavanger	Approx 180 Nm NE
VFS	3 Nm SSE	AkerBP	Ekofisk	17 Nm NNW	ConocoP	Aberdeen	Approx 190 Nm WNW
VFW	2 Nm SW	AkerBP	Ula	53 Nm NNW	AkerBP	Bergen	Approx 255 Nm NNE
HOD	6 Nm SSE	AkerBP					
Embla	6 Nm NW	ConocoP					

Alarms	Fire & Emergency	Abandon
Sound	Intermittent	Continuous Variable Tone
Light	Flashing Yellow	Flashing Yellow

Bulk Connections	Cargo Transfer Operations
Potable water	Cargo Transfer Operations to take place according to; 55-000277 - Instructions to Master G-OMO & G-OMO 8-A Safety zone entry checklist Valhall Readiness Support Document VAL-000761, section 3 Prior to commencing bulk operations at Valhall, there will be a procedure checklist handed over to the Vessel due to the complex nature of the storage system.
Drill water	
Diesel	
Brine/OBM	
Cement	
Barytes	

Vessel Co-ordination	
1 hour prior to arrival in the field, contact should be made with;	Valhall standby vessel and Equinor Marine VHF CH 14
Vessel movement within the field are controlled and monitored by;	Valhall FA logistikk
Permission to enter safety zone should be obtained from	Valhall standby vessel (delegated by Valhall OIM)
On entry & exit of the safety zone, establish contact and inform;	Valhall standby vessel and Equinor Marine VHF CH 14

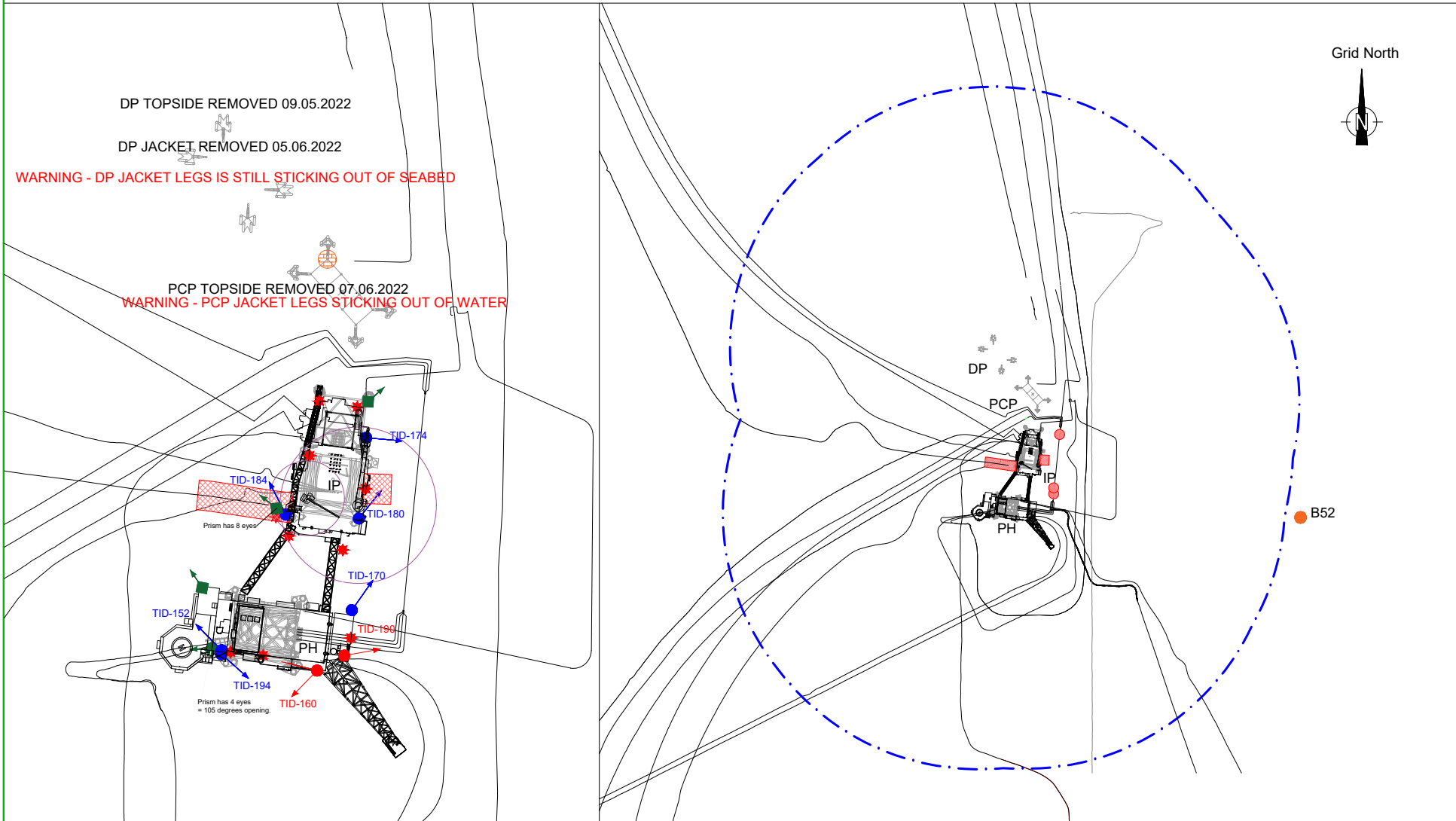
Vessels conducting standby duties

To be located as per instructions and based on current activity.

Radius ID

See attached field drawing

Valhall Complex Reference Systems and Crane Radius



Legend

- | | | |
|-----------------|-------------------------------|---------------------------------|
| Reflective Tube | Subsea Transponder | Crane Radius |
| Radius 550 | Safety Zone | Cargo Hoses |
| Radius 700 | Catenary riser exclusion zone | Vent |
| Prism | Pipelines and Cables | Subsea structure exclusion zone |
| | SCOL | |

Notes

Subsea Transponder B52 position: E 525 088.3, N 6 236 933.2 cNode Maxi 34, S/N 23221, CH B52/M44

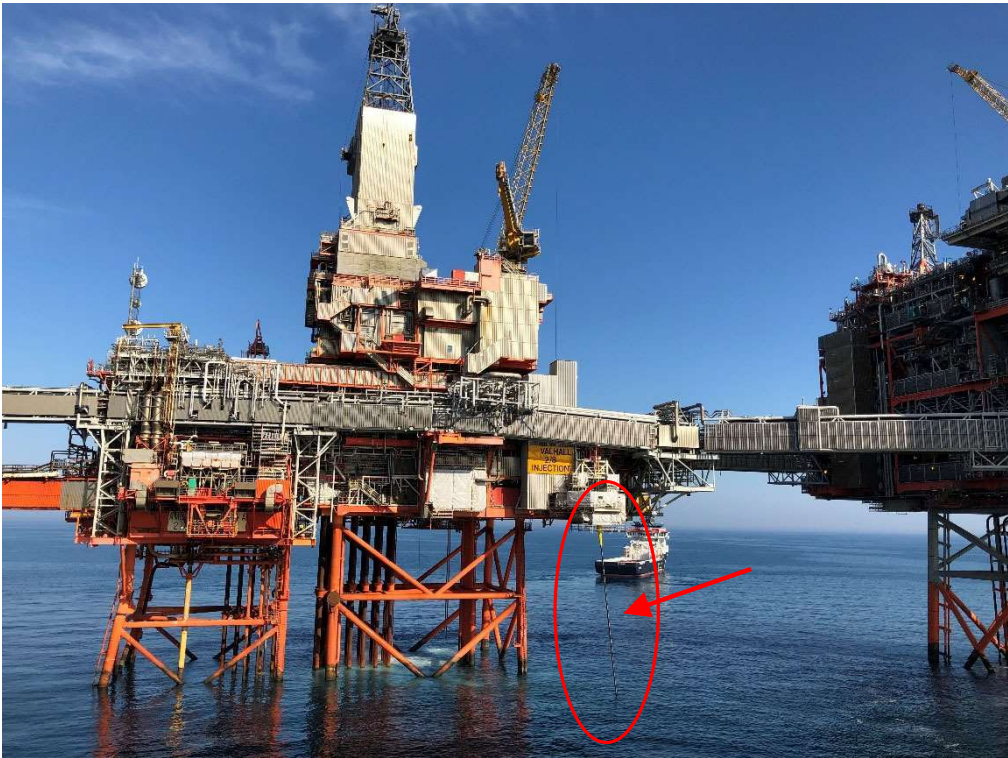
NB! This is not a field chart and does not contain all infrastructure at the seabed. Please contact geospatialteam@akerbp.com and request the latest updated field chart for the area if required.

Please inform Aker BP Survey and Marine Departments of any changes regarding reference system locations and codes.
Geospatialteam@akerbp.com
Marinereports@akerbp.com

Valhall IP proximity hazards.

The following pipeline and cable risers in catenary are located at Valhall IP.

West face



East face



Valhall Frequency List

PORTABLE UHF RADIOS

CH	Tx freq. (MHz)	Tx PL Tone	Rx Freq. (MHz)	Rx PL Tone	Channel info
1	406.7125	69.3	406.7125	69.3	Near standby operations
5	406.6625	79.7	406.6625	79.7	
6	406.7625	82.5	406.7625	82.5	
7	406.9375	85.4	406.9375	85.4	
9	407.0875	91.5	407.0875	91.5	
10	407.1125	94.8	407.1125	94.8	
11	407.1875	97.4	407.1875	97.4	
13	457.525	-	475.525	-	Marine UHF channel
14	457.550	-	457.550	-	Marine UHF channel
15	457.575	-	457.575	-	Marine UHF channel
16	467.525	-	467.525	-	Marine UHF channel

Valhall Area Vessel Impact Details

Installation	Capacity MJ	Hs = 4m Max Vessel	5000 t	7000 t	10000 t
			Max Hs at given vessel size		
Hod	12,8	4571	3,82	3,12	2,70
Hod B	28	10000	5,66	4,78	4,00
Valhall FN	34,6	10000	6,29	5,32	4,45
Valhall FS	34,6	10000	6,29	5,32	4,45
Valhall FW	28	10000	5,66	4,78	4,00
Valhall IP	50	10000	7,56	6,39	5,35
Valhall PH	50	10000	7,56	6,39	5,35
Valhall WP East	25,7	8214	5,42	4,58	3,83
Valhall WP West	20,2	5236	4,80	4,06	3,40