

Location	Valhall field
Latitude	N 56° 19' 25,4"
Longitude	E 003° 21' 04,2'
Coordinate Datum	WGS 84
Water Depth	70 meters



Marine Hazards	
VFN is normally unmanned installation	
Safety zone 500 m	
Exposed conductor area south side - see drawing page 2	

Specific Marine Hazards	
For weather side work, the Aker BP's vessel impact table shall apply for limitations	
Prior to entering the 500 m safety zone vessels must send the checklist to Valhall standby vessel by mail	

Communications	General	Emergency VHF Ch. 16 +47 51 35 10 00	Helicopter																				
Valhall Control Room	VHF Ch. 14 +47 51 35 10 00 ccrvalhall@akerbp.com		Communication 118.050/130.550 MHz + 51 35 80 30 AkerBP Aviation aviation@akerbp.com																				
	Valhall OIM +47 51 35 11 00 val.platformsjef@akerbp.com																						
Valhall Senior Logistikk	+47 51 35 10 35 val.fa.logistikk@akerbp.com		UHF channels vessel - deck																				
	Deck / Crane Stand by vessel		UHF Ch. 13 VHF Ch. 14	<table border="1"> <tr> <td>PH</td> <td>Ch. 5</td> <td>VFN</td> <td>Ch. 10/11</td> </tr> <tr> <td>IP</td> <td>Ch. 9</td> <td>VFW</td> <td>Ch. 7/10/11</td> </tr> <tr> <td>WP</td> <td>Ch. 5</td> <td>VFS</td> <td>Ch. 10/11</td> </tr> <tr> <td></td> <td></td> <td>HOD</td> <td>Ch. 10/11</td> </tr> <tr> <td colspan="3">Near standby for all above assets</td> <td>Ch. 1</td> </tr> </table>	PH	Ch. 5	VFN	Ch. 10/11	IP	Ch. 9	VFW	Ch. 7/10/11	WP	Ch. 5	VFS	Ch. 10/11			HOD	Ch. 10/11	Near standby for all above assets		
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Crane details	SWL	Radius	Operational Crane Limits
North Crane 1/2/3 fall	17/34/60 T	30 m	Max wind speed for internal and supply vessel handling: 40 knots

Nearby Installations distance					Shore Distances	
Valhall	3 Nm SSE	AkerBP	Embla	3 Nm W	ConocoP	Stavanger
VFS	6,5 Nm SSE	AkerBP	Eldfisk	4 Nm NW	ConocoP	Aberdeen
VFW	4 Nm S	AkerBP	Ekofisk	14 Nm NNW	ConocoP	Bergen
HOD	9 Nm SSE	AkerBP	Gyda	36 Nm NNW	Lundin	Approx 180 Nm NE
						Approx 190 Nm WNW
						Approx 255 Nm NNE

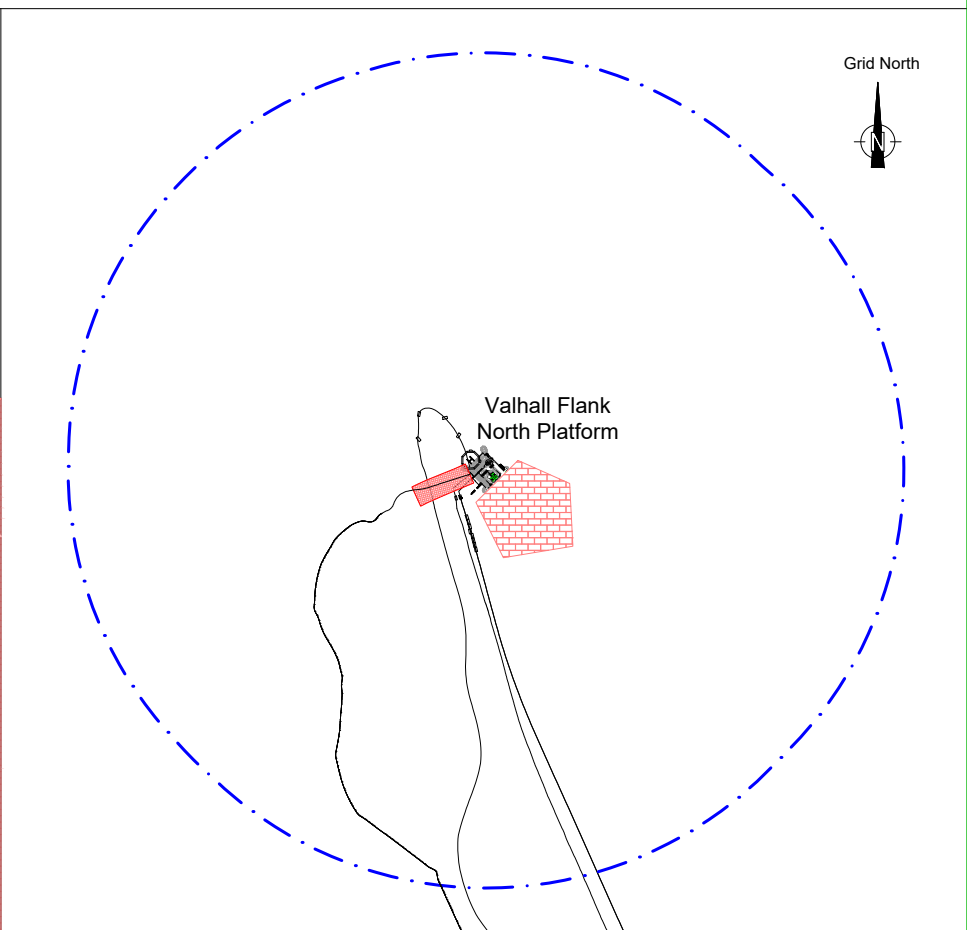
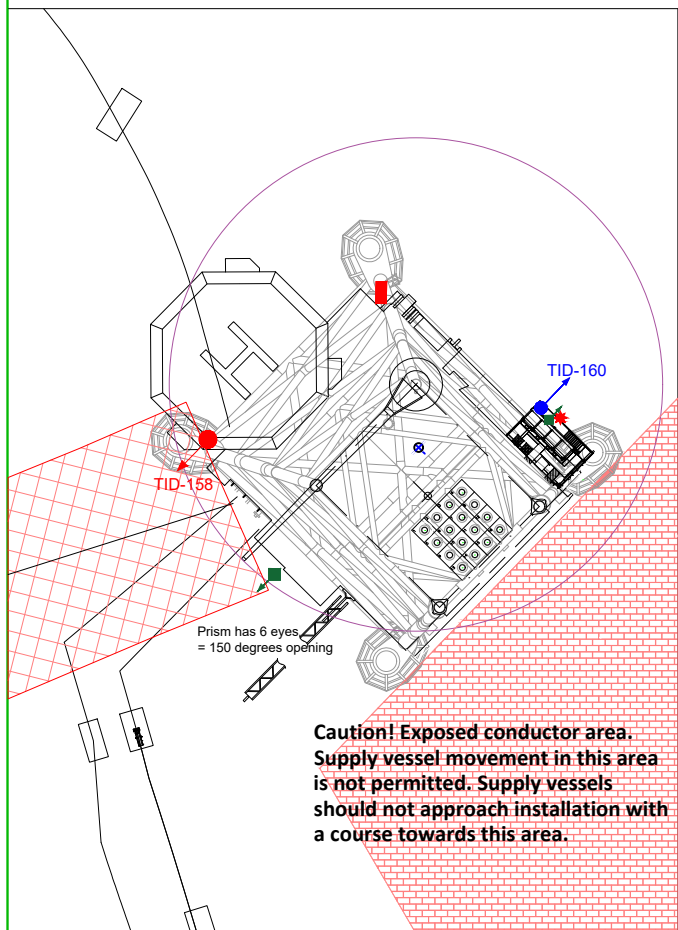
Alarms	Fire & Emergency	Abandon
Sound	Intermittent	Continuous Variable Tone
Light	Flashing Yellow	Flashing Yellow

Bulk Connections		Cargo Transfer Operations
Potable water	5" Weco	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 VFN, there will be a procedure checklist handed over to the Vessel due to the complex nature of the storage system.
Drill water	5" Weco	
Diesel	5" Avery Hardol	
Brine/OBM	4" Weco	
Barytes/ Bentonite	5" Weco	
Cement	5" Weco	

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

Radius ID
See attached field drawing

Valhall North Flank Topside Reference Systems and Crane Radius



Legend

- | | | |
|-----------------|-------------------------------|---------------------------------|
| Reflective Tube | 500m Zone | Cargo Hoses |
| Radius 700x | Pipelines | Catenary riser exclusion zone |
| Radius 500x | Crane Radius (Max radius 30m) | Caution! Exposed conductor Area |
| Prism | | |

Notes

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

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