

<b>Location</b>	Valhall Field
<b>Latitude</b>	N 56° 15' 02"
<b>Longitude</b>	E 003° 20' 51"
<b>Water Depth</b>	70 meters



<b>Marine Hazards</b>	
VFW is Normally Unmanned Installation	
Safety zone 500 m	

<b>Specific Marine Hazards</b>	
For weather side work, the Aker BP's vessel impact table shall apply for limitations	

<b>Communications</b>	<b>General</b>	<b>Emergency</b> VHF Ch. 16 <b>+47 51 35 10 00</b>	<b>Helicopter</b>			
	Valhall Control Room		VHF Ch. 14 +47 51 35 10 00 <a href="mailto:crcvalhall@akerbp.com">crcvalhall@akerbp.com</a>	Communication	118.050/130.550 MHz + 51 35 80 30 <a href="mailto:aviation@akerbp.com">aviation@akerbp.com</a>	
	Valhall OIM		<b>UHF channels vessel - deck</b>			
	Valhall Senior Logistikk		PH	Ch. 5	VFN	Ch. 10/11
	Deck / Crane		IP	Ch. 9	VFW	Ch. 10/11
	Stand by vessel		WP	Ch. 5	VFS	Ch. 10/11
			PCP	Ch. 5	HOD	Ch. 10/11
			DP	Ch. 6		
			PCP crane not in use			

<b>Crane details</b>		<b>SWL</b>	<b>Radius</b>	<b>Operational Crane Limits</b>
Crane	1/2/3 fall	17/36/60 T	55 m	Max wind speed for internal and supply vessel handling: 40 knots

<b>Nearby Installations distance</b>				<b>Shore Distances</b>	
Valhall	2 Nm NE	AkerBP	Embla	6 Nm NW	ConocoP
VFN	4 Nm N	AkerBP	Eldfisk	8 Nm NNW	ConocoP
VFS	3 Nm SE	AkerBP	Ekofisk	18 Nm NN	ConocoP
HOD	5 Nm SE	AkerBP			
				Stavanger	Approx 180 Nm NE
				Aberdeen	Approx 190 Nm WNW
				Bergen	Approx 255 Nm NNE

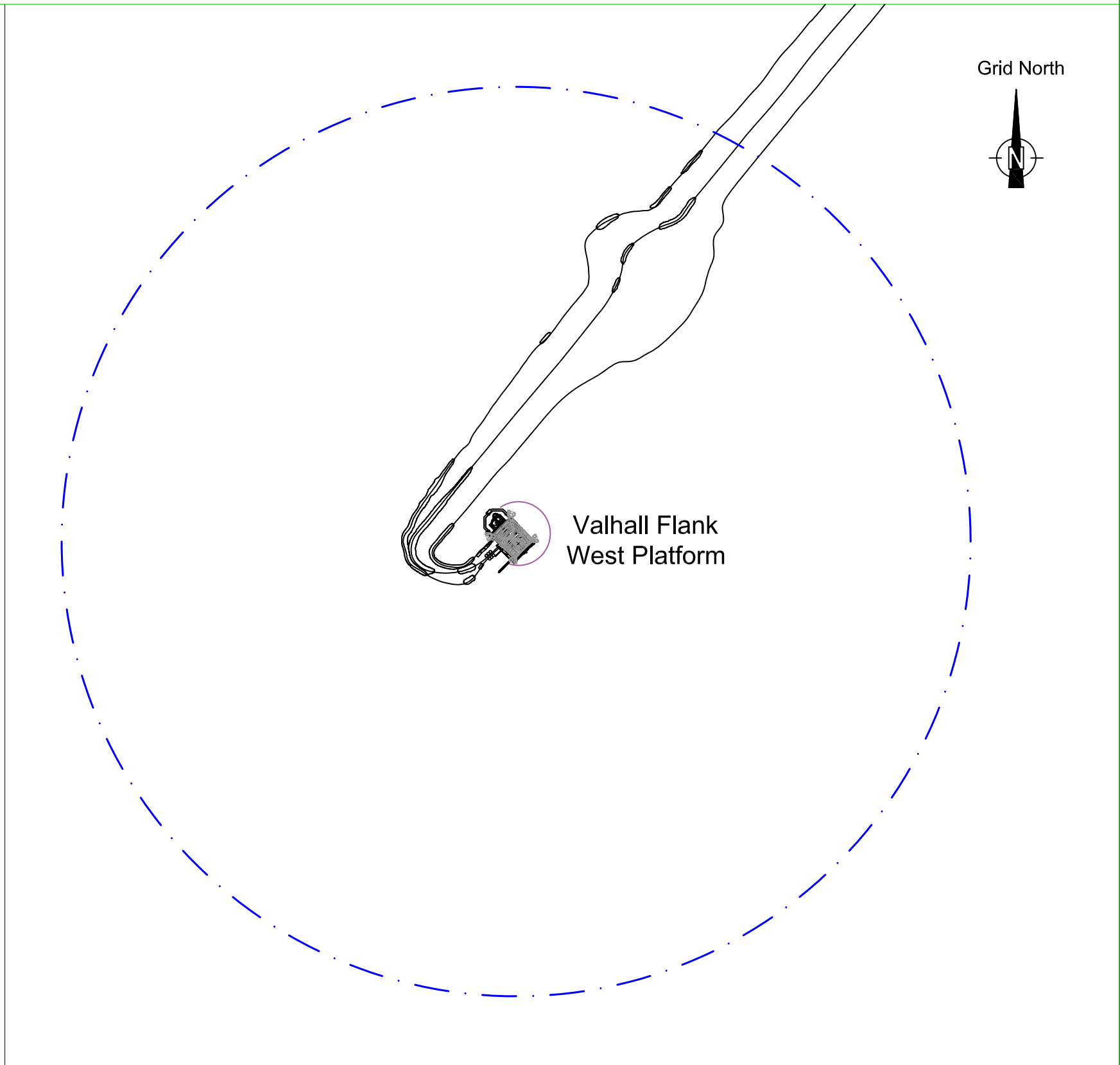
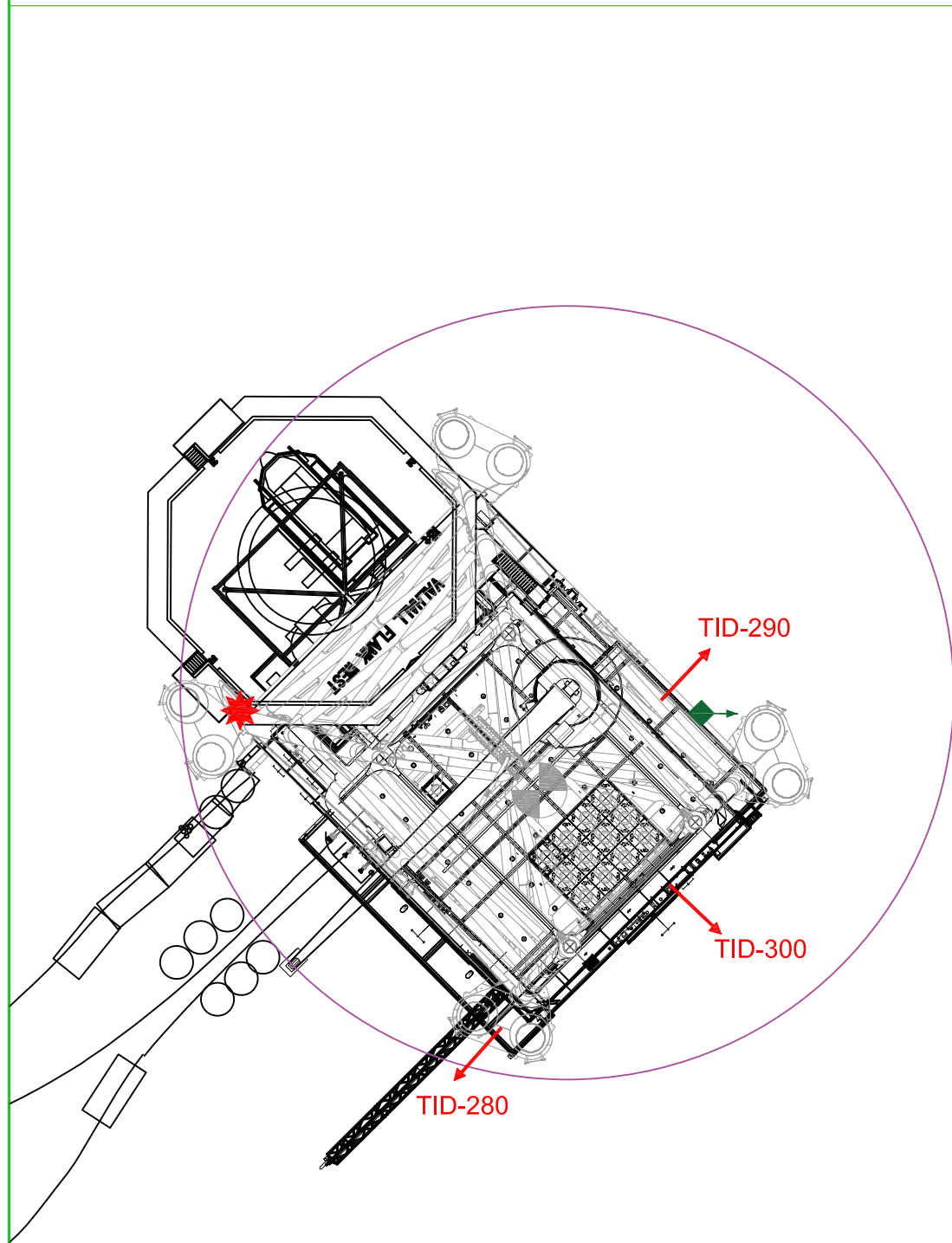
<b>Alarms</b>	<b>Fire &amp; Emergency</b>	<b>Abandon</b>
<b>Sound</b>	Intermittent	Continuous Variable Tone
<b>Light</b>	Flashing Yellow	Flashing Yellow
<b>Bulk Connections</b>		<b>Cargo Transfer Operations</b>
Potable water	5" Weco	Cargo Transfer Operations to take place according to; 55-000277 - Instructions to Master <a href="#">G-OMO &amp; G-OMO 8-A Safety zone entry checklist</a> Valhall Readiness Support Document VAL-000761, section 3 Prior to commencing bulk operations at VFW, 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	
Cement	5" Weco	
Barytes/ Bentonite	5" Weco	

<b>Vessel Co-ordination</b>	
1 hour prior to arrival in the field, contact should be made with;	Valhall standby vessel
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*

<b>Vessel conducting standby duties</b>
When Valhall Flanke West is manned, vessel conducting standby duties shall be located in a safe position outside the VFW safety zone, ref. NOROG Operasjonsmanual for norsk sokkel ch. 7.5

<b>Radius ID</b>
See attached field drawing
Rev.3 16.12.2020

# Valhall Flank West Topside Reference Systems and Crane Radius



**Legend**

- Fanbeam
- Prism
- Radius 800
- 500m Zone
- Pipelines and Umbilicals
- Crane Radius (Max radius ? m)

**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	
5	406,6625	79,7	406,6625	79,7	
6	406,7625	82,5	406,7625	82,5	
9	407,0875	91,5	407,0875	91,5	
10	407,1125	94,8	407,1125	100,0	
13	457,5250	-	457,5250	-	Marine UHF channel
14	457,5500	-	457,5500	-	Marine UHF channel
15	457,5750	-	457,5750	-	Marine UHF channel
16	467,5250	-	467,5250	-	Marine UHF channel

## 4 Vessel Impact AkerBP Installation

### Vessel Impact

#### AkerBP Installations

Nils Hellevig

May 29, 2007. Updated analyzes 2014.

	Capacity	Hs=4 m	5000 t	7500 t	10 000 t
	MJ	Max Vessel	Max Hs at given vessel size		
Tambar	12.5	4464	3.78	3.09	2.67
Hod	12.8	4571	3.82	3.12	2.70
Valhall FS	14	5000	4.00	3.27	2.83
Valhall FN	14	5000	4.00	3.27	2.83
Valhall WP West	14.66	5236	4.09	3.34	2.89
Valhall WP East	23	8214	5.13	4.19	3.63
Valhall PCP	17	6071	4.41	3.60	3.12
Valhall PH	21	7500	4.90	4.00	3.46
Valhall QP	24.6	8786	5.30	4.33	3.75
Valhall DP	24.9	8893	5.33	4.36	3.77
Ula Q	36	12857	6.41	5.24	4.54
Ula D	36	12857	6.41	5.24	4.54
Ula P	36	12857	6.41	5.24	4.54
Valhall IP	44.9	16036	7.16	5.85	5.07