Valhall Flanke South
2/11
Installation Data Card

Location	**Valhall Field**
Latitude	**N 56º 13' 37,4"**
Longitude	**E 03º 26' 9,4"**
Coordinate Datum	**WGS 84**
Water Depth	**66 meters**

Marine Hazards
VFS is Normally Unmanned Installation
Safety zone 500 m

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

Communications	**General**
Valhall Control Room	VHF Ch. 14
	+47 51 35 10 00
	ccrvalhall@akerbp.com
Valhall OIM	+47 51 35 11 00
	oimv@akerbp.com
Valhall Senior Logistikk	+47 51 35 10 35
	valhallseniorlogi@akerbp.com
Deck / Crane	UHF Ch. 10
Stand by vessel	VHF Ch. 14

Emergency
VHF Ch. 16
+47 51 35 10 00

Helicopter	
Communication	118.050/130.550 MHz
AkerBP Aviation	+ 51 35 80 30
	aviation@akerbp.com

UHF channels vessel - deck				
PH	Ch. 5		VFN	Ch. 10/11
IP	Ch. 9		VFW	Ch. 7
WP	Ch. 5		VFS	Ch. 10/11
PCP	Ch. 5		HOD	Ch. 10/11
DP	Ch. 6			

Crane details		**SWL**	**Radius**	**Operational Crane Limits**
North East	1/2/3 fall	12/34/60	30 m	Max wind speed for internal and supply vessel handling: 40 knots

Nearby Installations distance					
Valhall	3 Nm NNW	AkerBP	Embla	9 Nm NW	ConocoP
VFN	6,5 Nm NNW	AkerBP	Eldfisk	11 Nm NW	ConocoP
VFW	3 Nm NW	AkerBP	Ekofisk	21 Nm NNW	ConocoP
HOD	3 Nm SSE	AkerBP			

Shore Distances	
Stavanger	Approx 180 Nm NE
Aberdeen	Approx 190 Nm WNW
Bergen	Approx 255 Nm NNE

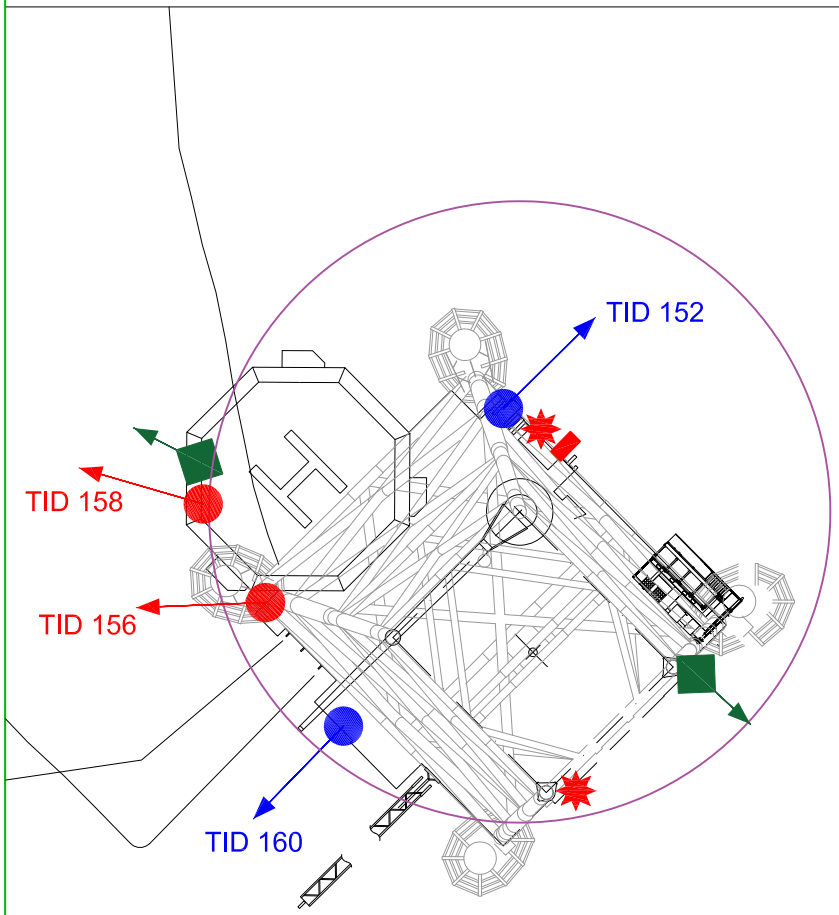
Alarms	**Fire & Emergency**	**Abandon**
Sound	Intermittent	Continuous Variable Tone
Light	Flashing Yellow	Flashing Yellow

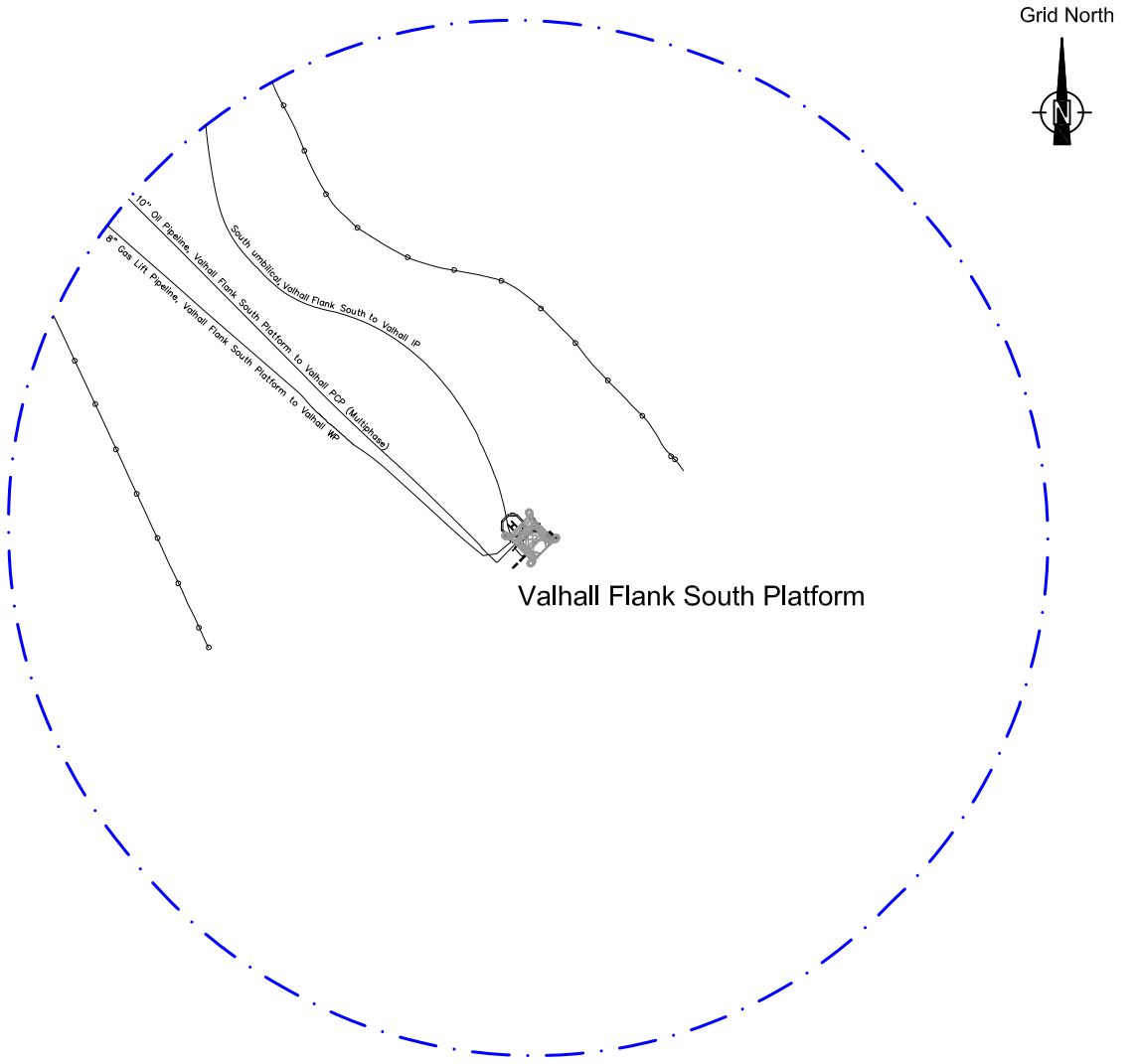
Bulk Connections		**Cargo Transfer Operations**
Potable water	5" Weco	Cargo Transfer Operations to take place according to;
Drill water	5" Weco	55-000277 - Instructions to Master
Diesel	5" Avery Hardol	G-OMO & G-OMO 8-A Safety zone entry checklist
Brine/OBM	4" Weco	Valhall Readiness Support Document VAL-000761, section 3
Cement	5" Weco	Prior to commencing bulk operations at VFS, there will be a procedure checklist handed over to the Vessel due to the complex nature of the storage system.
Barites/ Bentonite	5" Weco	

Vessel Co-ordination	
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

Radius ID
See attached field drawing
Rev.3 16.12.2020

Valhall Flank South Platform
Topside Reference Systems and Crane Radius





Legend

- Fanbeam
- Radius 550
- Radius 700
- Prism (single 360 degrees)
- 500m Zone
- Pipelines
- LOFS Cables
- Crane Radius (Max radius = 30 metres
- Cargo Hoses

Notes

Please inform Aker BP Survey and Marine departments of any changes regarding reference system locations and codes.

Geospatialteam@akerbp.com

Marinereports@akerbp.com

Drawing Rev.04 11.09.2020 RMC

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 analyses 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