Heliport Information Sheet

Name:		Doc. No.:	
Rev. No.:		Rev. date:	

Heliport Information Sheet *NAME*

Purpose

This information sheet is issued to present information regarding the *NAME* helideck and heliport systems, which is relevant for helicopter operations.

Scope

The following information is included:

- Arrangement drawings
- Information about Helideck sectors
- Description on marking and lightning
- Wind instrumentation
- Firefighting equipment and preparedness
- Means of communication
- Available helicopter services

References

- Forskrift (dato) om luftfart med helikopter – bruk av offshore helidekk (BSL D 5-1); *Regulations on helicopter operations - the use of offshore helideck*
- Forskrift 15. januar 2008 nr. 72 om helikopterdekk på flyttbare innretninger; *Regulations on helicopter decks on mobile offshore units*

Item- description	**Data** *(examples)*
General	
Name	*Name*
Helideck design rules	*BSL D 5-1, CAP, NMA* *Norsok Standard C-004 Sect 2004* *Norsok Standard S-001 Technical Safety NMD*
Center of deck position	*N 59º11'59,9" E 002º24'37,4" (EUREF89)*
Helideck elevation (MSL)	*126 ft (NKG96)*
Helideck	
Type	*Aluminium, high friction* *"safe-deck"*
Surface description	
Anti-slip procedures in force	
Helideck net, type	*No (net to be installed during transit only)*
Elevation above baseline (keel)	*37.88m*
Elevation above sea level, transit draft	*30.18m*
Elevation above sea level, jacked up air gap	*37.88m + airgap*
Deck surface friction coefficient	*0.88 (dry), 0.83 (wet)*
Helicopter, max. size	*EH101 / AW101*
Max. take-off mass	*15.6t*
Helideck size (D_H)	*22.8m*
Helideck diameter overall	*28.5m*
Access points	*3*
Drainage	*Integrated, sloped to perimeter gutter*
Tie-down points	*18, recessed*
Traffic Control Centre (Helideck control)	*Dedicated traffic-control Centre room (TCC)*
Dangerous goods	*Not planned*
Obstacles	
Obstacle free 210˚ departure and approach sector	*Obstacles related to helicopter fuel skid protruding 60 cm above helideck elevation in sector 250°-255°* *Rolf A 378 ft height at 0,3 nm in sector 280°-310*
Obstacles in 150° limited object sector	*Ventilation duct in front of elevator machinery room.* *Obstacles painted with yellow/black tiger stripes*
Obstacles close to 150° limited object sector	*Heli control room, cargo lift, elevator machinery room.* *Obstacles painted with yellow/black tiger stripes.* *Forward leg.*
Obstacles in 180° 5:1 gradient sector	*Fwd. access 3 m out,2 m wide in sector 256°-258°*
H and chevron are rotated	*No*
H in center of deck	*Yes*
Marking	*Inner diameter of reference circle is 11.4m*
Turbulence and wind conditions	*Turbulence analysis available upon request*
Long term deviations	*Ventilation duct in front of elevator machinery room.*

Item- description	**Data** *(examples)*
Visual aids	
Wind sock	*2, illuminated, one each mounted on TCC roof and Pedestal Crane*
Perimeter lights, green LED	*33*
Insert Perimeter lights, green LED	*9*
Floodlights Xenon	*14*
Walkway normal lights	*19*
Walkway emergency lights	*31*
Antenna tower	*8 (mid and top of tower)*
Obstacle lights, top of legs	*3, one on top of each leg*
Obstacle lights, crane boom	*3, boom tip (1) and boom (2)*
Obstacle lights, crane house	*1, A-frame top*
Emergency power supply via UPS	*Yes*
Helicopter Flight Information System	
Non-directional beacon (NDB)	*Installed*
HFIS	*Yes*
Aeronautical VHF/AM transmitters and receivers	*2*
Aeronautical VHF/AM transceiver, back-up unit	*1*
VHF/AM portable radios for HCR TCC/heliguards	*6*
VHF/AM radio	*HLO office* *Sky lobby* *TCC*
Environmental Monitoring System	
Wind speed and direction, position of sensors	*Yes* *Wind gauge installed on signal mast*
Air pressure (QNH)	*Yes*
Temperature and dew point (°C)	*Yes*
Visibility	*Yes*
Cloud height and coverage (ft)	
Significant wave height	
Motion (heave, pitch, roll)	*Yes*
Fire fighting	
Firefighting personnel	*HLO + 3*
DIFFS (Deck Integrated Fire Fighting System)	*Pop-up nozzles, less than 20s (as per S-001)* *Manual release*
Remote operated foam monitor system	*3 monitors, one at each access point. Remote and local operation*
Media	*Foam or water*
Foam type and concentration	*AFFF, 3%*
Foam tank capacity for 10 min. operation	*1350 liters*

Item- description	**Data** *(examples)*
Dual agent skids, foam and dry powder	*1*
Foam capacity	*30 liters per skid with 3 % AFFF foam*
Dry powder capacity	*250 kg*
CO2 extinguisher with extension for engine fires	*3, 9 kg*
Dry chemical (ABE) extinguishers	*2, 25 kg*
Fire water hydrants	*1 (stbd access)*
Foam hydrants (can also be used with only water)	*2 (port and fwd access)*
Other rescue resources	*The helicopter rescue equipment is kept in the firefighting room on level 8 readily to be used. The equipment are listed as follows: Two (2) Fire Axes Two (2) Knives (for cutting seat belts) Two (2) Hand Torches with batteries, (explosion proof) One (1) Crow Bar One (1) Wire Cutter One (1) Hacksaw with spare blades One (1) Hammer One (1) wedge-tipped steel bar One (1) pair of sheet metal shears One (1) bolt cutter One (1) jack, minimum 0.5 ton capacity One (1) metal hook on a 3 meter long metal handle One (1) lightweight ladder (3meter) Two (2) pairs of Gloves Two (2) set of self-contained breathing apparatus (SCBA) with composite bottles (SCBA is Scott ACSfx SCBA system) Two (2) Spare bottles for the SCBA's. Composite bottles topped up Two (2) Fire blanket Burn shield One (1) Box (aluminum) of Lifting devices (c/w V18 & V24 Vetter Mini Lifting Devices, 2 x hoses (5m), double control unit, pressure reduction & composite air bottles).*
Helicopter refueling	
Starting equipment	*Yes*
Helifuel	*Yes*
Dispensing unit, helideck	*1, 230 l/min (min)*
Filter water separator	*1 micron*
Filter monitor	*Adsorbent type*
Flow meter	*Positive displacement type*
Delivery hose	*30m 1½" semiconducting type*
Fuel nozzle	*1 off 1½" overwing nozzle and 1 off 1-½" underwing nozzle*
Bonding cable	*30 m OLF type w. quick release*
Fuel pumps, helifuel storage area	*2, 225 l/min each*
Storage capacity max. , 9 tanks of 2.4 m3 each	*21,6 m3*
Reclaimer tank	*2,4 m3*
Fuel sample tank	*0,3 m3*

Attachments:

- Drawings:
  - General Arrangement Plan - showing sectors, sections and obstructions
  - Marking Layout & Details (in scale)
- Photo of platform/vessel
- Other relevant documents