



Hanøytangen, Norway

Facilities Description





Hanøytangen, Norway

The Semco Maritime yard at Hanøytangen is located close to the North Sea and 30 kilometres from the city of Bergen (300.000 inhabitants).

The industrial purpose area covers 160.000 m² and it has the largest dry-dock facility in Northern Europe, along with excellent quays with depths up to 90 metres.

The yard includes extensive office facilities and an accommodation camp with 356 single rooms.

Semco Maritime cooperates with a number of companies in the nearby area - companies that specialise in handling the full spectrum of offshore-related projects.

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TRAVEL ACCESS

Airport

Bergen International Airport

- Flight Routes to Aberdeen, Amsterdam and other destinations
- The airport is located 30 kilometres from the Hanøyntangen service base
- It takes 30 minutes to reach the service base by taxi from the airport (price 700 NOK one way)
- www.avinor.no/en/airport/bergen-airport/

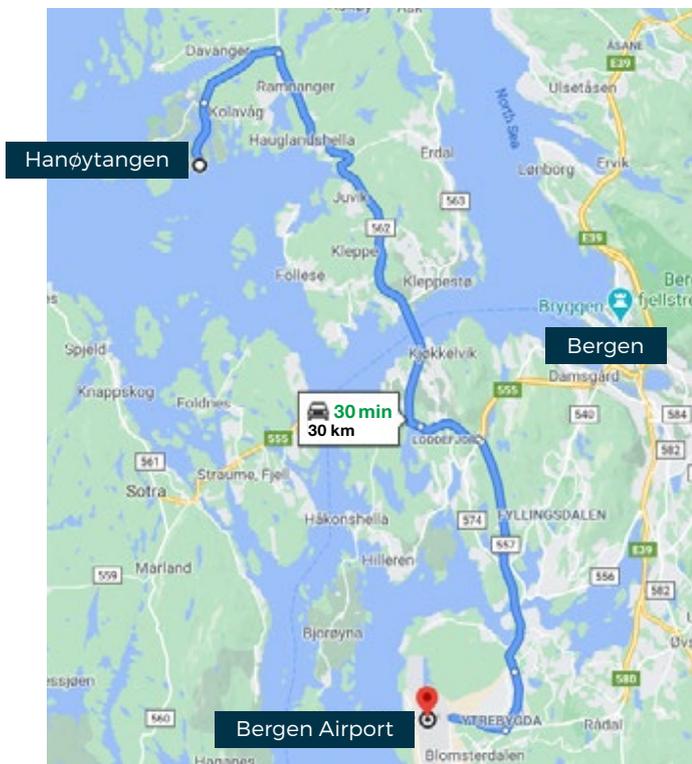
Railway

Bergen Railway Station

- The railway station is located 26 kilometres from the yard at Hanøyntangen
- Offers connections to cities throughout Norway
- It takes 45 minutes to reach the service base by taxi from the railway station (price 700 NOK one way)
- www.nsb.no/en/

Road Access

- Hanøyntangen is located on the westcoast of Askøy, 26 kilometres from the city centre of Bergen
- There are frequent direct bus services to the city centre



RIG TRAVEL ACCESS

With entrance channel depths of minimum 90 meters, Hanøytangen provides unrestricted access from the North Sea. The distance from Fedje Pilot Station to Hanøytangen is 30 nautical miles. The yard is located close to the main west coast shipping lane.

Position F: Example of location of installation

Location A Invergordon:

144 nmi with an approximate tow time of 29 hours.

Location B Esbjerg, Denmark:

298 nmi with an approximate tow time of 60 hours.

Location C Bergen, Norway:

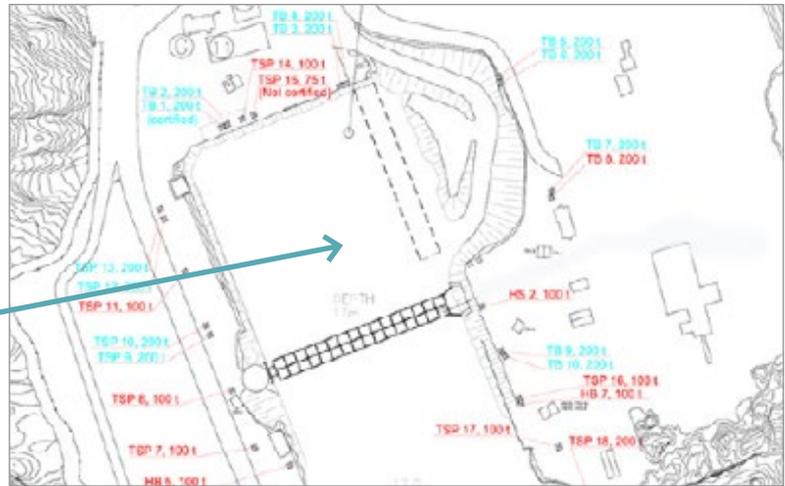
225 nmi with an approximate tow time 45 hours.



DRY DOCK

Dry Dock

Size	125 x 125 m - 15.625 m ²
Capacity	50t/m ²
Depth CD	16,2 m
Tide variation	1,8 m
Dock opening	115 m
Dock gate pier: (not using dry dock)	Length: 106 m
	Limitations: 5 t/m ² or 50 t single load
	Use: Service area
Mooring bollards	200T / 100T
Water connection	DIN flange 4" 150# + various connections
Water supply	Potable water, 9-10 bar, max 15 m ³ /h consumption, grid connection
Sewage	Grey/black water via septic tank, grid connection
Power supply	2.000 KVA (4 x 500 KVA) 400V 50hz grid connection
Access tower incl. elevator	Available and adjustable



Dock port: Outside dim = 106 x 12,5 m. Internal dim = 105,3 x 11,8 m. Max load = 19,6 t/m³. Quay height MSL= 2,5 m

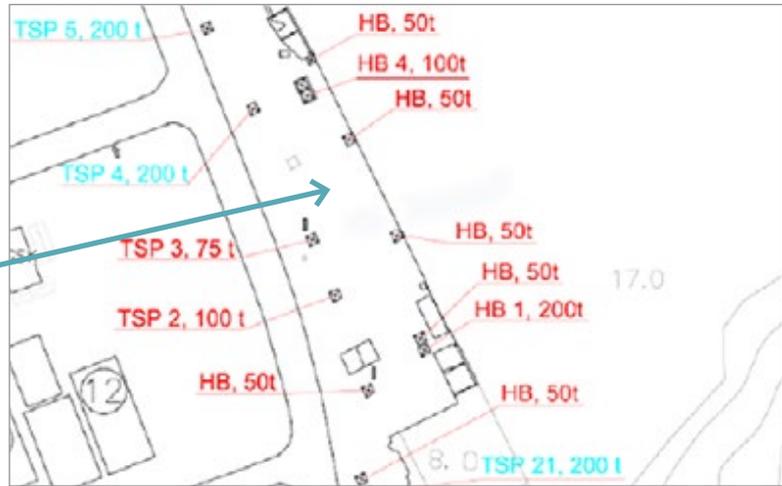


BERTHING

17 m Service Quay

Quay length	99 m (43 m wide)
Loadout	Load limitation 3 m from front quayside - 8 t/m ²
Point load	70 t/m ²
Depth CD	16,2 m
Tide variation	1,8 m
Quayside height	3 m (max)
Mooring bollards	200T / 100T / 50T
Water connection	DIN flange 4" 150# + various connections
Water supply	Potable water, 8-10 bar, max 15 m ³ /h consumption, grid connection
Sewage	Grey/black water via septic tank, grid connection
Power supply	500 KVA 400 V 50 hz grid connection (300 KVA additional power available on request)

NOTE: This location is typically in use for service boats



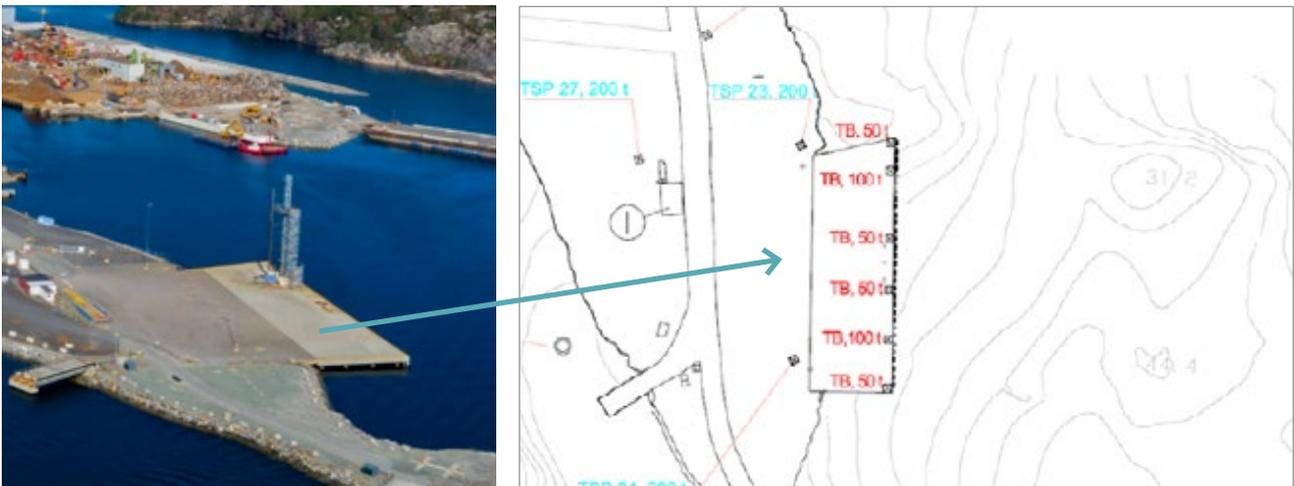
Quay 17 m depth: 99 x 43 m = 4.200 m². Load limitation 3 m from front quayside - 80 kN/m² Quayheight MS L - 2,5 m



20 m Quay

Quay length	100m (30 m wide)
Loadout	Load limitation 3 m distance from front quayside - 5 t/m ²
Pointload	70 t/m ²
Depth	20 m
Tide variation	1,8 m
Quayside height	3,8 m (max)
Mooring bollards	200T / 100T / 50T
Water connection	DIN flange 4" 150# + various connections
Water supply	Potable water, 8-10 bar, max 15 m ³ /h consumption, grid connection
Sewage	Grey/black water via septic tank, grid connection
Power supply	1.600 KVA 400V 50 hz grid connection (800 KVA additional power available on request)

Note: Access tower with elevator is available

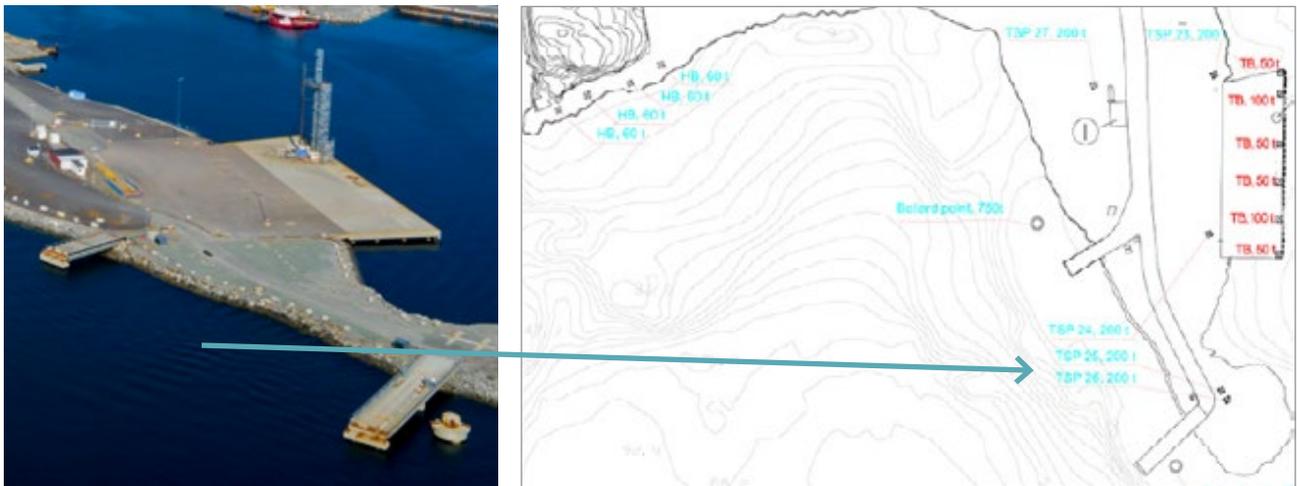


Quay 20 m depth: 100 x 30 m = 3.000 m². Distributed load = 50 kN/m². Concentrated load = 700 kN/1m².
Quay height MSL = 2,8 m

90 m Deepwater Area

Quay length	34 m (8m wide)
Depth CD	>90 m
Tide variation	1,8 m
Mooring bollards	650 t/ 200 T / 60 T
Water connection	DIN flange 4" 150# + various connections
Water supply	Potable water, 8-10 bar, max 15 m ³ /h consumption, grid connection
Sewage	Grey/black water via septic tank, grid connection
Power supply	800 KVA 400 V 50 hz grid connection (1,6 MVA additional power available)
Firewater	8-10 bar, 145m ³ /h

NOTE: This location is typically used for long-term projects



Deepwater area 90 m

YARD SERVICES

Waste oil handling	Truck disposal. The quayside has a closed drain system, which can be equipped with oil separators to prevent any environmental impact from oil spill.
Outdoor storage	63.000 m ²
Indoor storage	2.600 m ² that can be heated if required
Crane capacity	Up to 1000 t
Tug assistance	Tugs available
Stair tower	10-36 m stair towers available on 20m quay and dock area. They can be combined with elevators upon request.
POB system	Electronic access system for POB available
Taxi boat service	24-hour service can be established
Lighting	All areas are lighted according to 20 lux criteria. Extra temporary lighting can be supplied if needed.
Compressed air	Compressors with the needed capacity are provided on a project-specific basis.
Air handling units	25kW to 260kW available variety of fans for ventilation (supply and extract) are provided on a project specific basis.
Diesel fuel	Diesel fuel can be supplied either by land or sea transport.
Workshops	600 m ² and 375 m ² with a transverse crane
Forklifts	3 T, 10 T and 16 T forklifts
Floating boom	Provided on a project-specific basis. Emergency boom on site
Painting	Paint workshop on site (external supplier)
Cherry pickers	All sizes available
Working hours	Normal 7,5 h working days. Can be extended to 12 h night and/or dayshift on a project specific basis
Hot work	Yes
Communication	4G, fibre
Firewater	8-10 bar, 145 m ³ /h (a water tower on site ensures a backup supply at all times with a capacity of 100m ³ /hour)

YARD FACILITIES

- | | | |
|-------------------------|---------------------------------------|-----------------------|
| 1. Accommodation | 6. Storage Workshop | 10. 17 m quay |
| 2. Parking | 7. Dry/wet dock | 11. 20 m quay |
| 3. Canteen (500 pax) | 8. Workshop with 30T transverse crane | 12. 90m+ quay |
| 4. Office (40 - 80 pax) | 9. Office (140 pax) | 13. Blasting/painting |
| 5. HSE | | |



Fabrication/overhaul

Fabrication and workshop facilities are available on site:

- A 600 m² fabrication hall with access for mafi-flatbeds and forklifts
- A 375 m² workshop with a 30 t transverse crane

In addition to docking of rigs, structures and barges the dock can be used as a construction site for sub-structures and concrete structures. The area is served by a wide range of mobile cranes. All utilities are available. A wide range of mobile cranes serves the area, and all utilities are available.

ACCOMMODATION AND ADMINISTRATION

Accommodation

The accommodation area has 356 single rooms with showers and toilets, and is located on the north side of the yard along with:

- Reception
- Briefing room
- Canteen
- Long-term storage areas
- Mail service
- Dayrooms
- Snack shop
- Changing facilities
- Parking space
- Yard management

In addition to the accommodation camp, private lodging can be established through local agencies.

The parking space on site has the capacity for approximately 200 cars.

Offices

The yard has a flexible arrangement able to provide offices for any size of project. Up to 220 pax permanent office stations are available for projects, and additional offices can be provided close to the relevant project management offices.

All the offices have meeting rooms and tea/coffee making facilities. Printers and copying machines are provided at central locations based on project/client preferences. Standard accessories are available in all copy rooms. Offices have 4G Fibre high-speed internet.



SECURITY AND SAFETY: NO COMPRISE – WE CARE

Security

Security is maintained through the following systems:

- The yard area is fenced in.
- Access to the yard is through a main gate. The gate is remotely operated outside of normal working hours, and a log of personnel accessing the yard is kept.
- Outside normal working hours authorised personnel have access to identified areas through an electronic access control system.
- 24 hour manned POB access can be established on request using an electronic security access system

Safety

- The yard is certified according to ISPS standard
- The fire department frequently inspects the facilities to ensure that all fire regulations are followed.
- Fire extinguishers and fire hoses are located in and around the yard
- Response time for the local fire department is 5-10 minutes
- Response time for the local minor hospital is 5-10 minutes
- It takes about 35 minutes to drive from the yard to the regional hospital »Haukeland Universitets Sykehus«.
- A helideck for emergency helicopters is located at the yard





Semco Maritime is certified according to:

ISO 9001:2015 - Quality Management System

ISO 14001:2015 - Environmental Management System

ISO 45001:2018 - Occupational Health and Safety Management System standard

Achilles JQS - Certificate of Registration

EPIM JQS - Certificate of Registration

All certificates can be forwarded upon request.

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