WGS84

48,7′ 5° 48,8′ 48,9′

60°00,75′N 5°48,90′E

NOT TO SCALE

Height 6,3 m over WL

Elevation 4° 11,2′

observed by sextant

A B

Distance 86 m

Water level (WL):
0,8 m above LAT
0,8 m below HAT

SUGGESTED PRESENTATION OF VERTICAL CLEARANCE

Safe vertical clearance: (VERCSA) 3 m

Physical vertical clearance: (VERCLR) 5 m

(These values are rounded down to the nearest whole metre.)

ERROR BUDGET

It is believed the numbers stated are accurate within the limits described in this section. Even so, it may be advisable for the cable operator to resurvey the vertical clearance using specialised equipment. This would both confirm these results and further reduce the uncertainty.

Uncertainty of positions:
Observation spot A: ± 0,5 m / Buoy B: ± 5 m along cable, ± 2 m across

Resulting uncertainty of distance A–B: 82,6 m ≤ distance ≤ 90,3 m

Calculated cable height over water level (WL): **6,31 m**
Interval of uncertainty: 6,05 m ≤ height over WL ≤ 6,61 m

Water level (WL) at time of observation:
86 cm over LAT ± 7 cm

Level of HAT above LAT: **164 cm**
(according to "Se havnivå"; assumed to be exact)

Physical vertical clearance (VERCLR): **5,53 m**
Interval of uncertainty:
5,20 m ≤ VERCLR ≤ 5,90 m

Voltage: unknown
(assumed to be no higher than 400 V AC)

Safety margin: **2,0 m** *(according to DSB)*

Safe vertical clearance (VERCSA): **3,5 m**
Interval of uncertainty:
3,2 m ≤ VERCSA ≤ 3,9 m

200 METRES 100 METRES 0

METRES 200 100 0 METRES

60° 00,7′

Delete Delete

B (temp)

Insert

see elevation sketch in inset

Furuholmen

Observation spot A

Husavågen – Vesleholsund
Furuholmen Power Cable

SCALE 1 : 1250

Heights are in metres. Vertical clearances are above HAT.
Positions: World Geodetic System 1984 (WGS84).
Projection: Mercator, true scale latitude 60°.

NOT FOR NAVIGATION

5°48,70′E 60°00,60′N

00,6′

48,7′ 5° 48,8′ 48,9′

(148,8 × 223,0 mm)

NM 2022-7 / NM 2022-9
Time of observation:
26 September 2020, 16:55

Arne Johannessen · March 2022
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Later information has also been included

2146J