



KYSTVERKET

Ankeranvisning Geiranger 2022

Kystverkets ankrings- og fortøyningsplan for cruiseskipanløp i Geiranger i 2022. Utarbeidet av Maritim teknisk komite, Ålesund losstasjon.





KYSTVERKET

Losers og losoldermenn!

Ålesund 31.03.22

Cruisesesongen i Geirangerfjorden startet 3. mars med Haneatic Spirit og frem til 22. oktober med Amadea, det er planlagt 153 (156 i 2021) anløp til Geiranger, 100 (102 i 2021) anløp til Hellesylt (pr 31.03.22).

1 times varsel før anløp (kai/tender) Hellesylt på tlf.nr. 91 78 46 99.

1 time varsel før anløp Geiranger på tlf nr. 99 10 20 79.

Drifting/manøvrering innenfor linjen Homlung – Lausneset er ikke tillatt. Fartøy som er tildelt posisjon 3F, og som velger ikke å benytte denne, kan gå til pos. 2 uten akterfortøyning, hvor man da benytter anker og thrustere for å holde pos/heading på skipet (dette forutsatt at pos. 2 er ledig). Om ikke dette er tilfredstillende, må fartøyet gå ut i pos. 1.

Bøye i pos. 4, NE av indre bøye (ca 45 m mellom bøyene), skal fungere som en stabilisator for akterskipet. Denne bøyen (3) skal benyttes i *tilllegg* til eksisterende indre bøye (2), og ikke alene for endring av f.eks. heading på skipet.

Så langt i år, er det innmeldt 100 (84 i 2021) anløp til SeaWalken.

Dager der ingen har bestilt SeaWalk, er fartøy tildelt posisjon 4. Disse fartøyene benytter bøyene som vanlig.

NB! Dager der innkommende fartøy skal benytte samme posisjon som avgående fartøy, skal ikke innkommende fartøy under noen omstendigheter passere posisjon 1, før avgående fartøy har passert Grande på utgående!

Det er ikke planlagt dager med Ankertilvisning for sesongen 2022.

Opp i dalen, SE for Geiranger, står det en vindmåler. Vi håper at denne skal kunne gi oss tidlige varsel de dagene vi sliter med vindkast. I tillegg står der en vindmåler i Geiranger sentrum. Disse målerene finn en på Portwind.no <https://www.portwind.no/index.html#VS1424.php> . Vi viderefører også varslene fra Meterologisk institutt på siden <http://butikk.met.no/scripts/butikk.cgi> (brukarnamn og passord = KV).

Fortøyningsbåt i Geiranger har lyttevakt på VHF kanal 13 og 16, og kan i tillegg kontaktes på telefon 99 10 20 79. 1 times varsel før ankomst Geiranger på VHF eller telefon. På forespørsel, vil fortøyningsbåten legge seg i den posisjonen los/kaptein anviser.

Ankerplanen vil bli fortløpende oppdatert på internettsida www.kystverket.no/losgeiranger. Loser som blir tildelt oppdrag i Geiranger, må kontrollere denne nettsiden for å finne eventuelle endringer før anløpet.

Vi takker involverte parter for tillatelse til å benytte materiale, god hjelp og et godt samarbeid.

Svein P. Myklebust
Statslos
Tlf. 40 43 58 21

Nils Petter Starheimsæter
Statslos
Tlf. 93 21 28 99

Port calls in Geiranger – Guidelines

Your ref.	Our ref.	Archive no.	Executive Officer	Date
		Geiranger	Emil Heggelund	21.02.2017

Pursuant to section 3 of Regulation number 1634 dated 7 December 2004, the Norwegian Coastal Administration has established the following guidelines for port calls, anchoring and stern to mooring in the Geirangerfjord.

1. Maximum length of ship using stern-to mooring at Lausneset is 250 metres.
2. Maximum length of ship at sway position 3 (3S) is 180 metres.
3. Minimum length of ship using stern-to mooring at Fonneset (3F) is 180 metres.
4. If a vessel, allocated to position 4, due to weather, finds this position unsafe, position 3S may be used if;
 - the vessel is the only vessel inside the line Homlung – Lausneset, and
 - NCA/Pilot approves change of position, and
 - the vessel is technically equipped (azipods/sternthrusters) for such operation, and
 - a combination of anchor and engine is used to maintain position.

Allocation of anchor position

1. On days when 4 or more vessels have port calls, anchor positions shall be allocated.
2. Anchor positions will be allocated on days when dispensation is granted from the Guidelines

Note:

Previous position on Homlong (3H) is no longer in operation

Emil Heggelund
Pilot Master

CC:
Appendices:

Central postal address: Kystverket, P.O. Box 2,
NO-6025 ÅLESUND

Tel.: +47 70 23 10 00
Fax: +47 70 23 10 08

Web:
Email: post@kystverket.no

Tel.: +47
Fax: +47

Acc. no.:
Org. no.:

Please address all letters, correspondence and emails to the Norwegian Coastal Administration, not to departments or individuals

Forskrift om tilvisning av plass til oppankring og fortøyning i Geirangerfjorden, Møre og Romsdal.

Forskrift om tilvisning av plass til oppankring og fortøyning i Geirangerfjorden, Møre og Romsdal.

Fastsatt av Fiskeri- og kystdepartementet 7. desember 2004 med hjemmel i lov 8. juni 1984 nr. 51 om havner og farvann m.v. § 6 annet ledd.

§ 1. Virkeområde

Forskriften gjelder farvannet øst for E 007° 10 i Geirangerfjorden, jf. sjøkart nr. 127.

Forskriften gjelder lospliktige fartøy etter lov 16. juni 1989 nr. 59 om lostjenesten m.v. § 13 med tilhørende forskrifter. Kystdirektoratet kan ved enkeltvedtak bestemme at forskriften også skal gjelde fartøy som ikke er lospliktige.

§ 2. Melding

Fartøy som planlegger å gå inn i farvannet skal tidligst mulig, og senest en uke før anløp, sende opplysninger om fartøyets navn og kallesignal til Kystverket. Fartøy med særlige krav til sikkerhetstiltak skal opplyse om dette. For sommersesongen skal melding være gitt innen 15. april samme år.

§ 3. Tilvisning av ankringsplass

Fartøy som ønsker å stoppe i farvannet, skal følge Kystverkets tilvisning av plass for ankring eller fortøyning. Fartøy som ikke følger anvisningene kan pålegges å gå ut av farvannet.

Kystverket kan nekte fartøy å gå inn i farvannet dersom anløp ikke anses sikkerhetsmessig forsvarlig. Varsel om dette skal gis så tidlig som mulig.

§ 4. Taubåt

I spesielle tilfeller kan Kystverket pålegge fartøy å nytte taubåt eller holde taubåt i beredskap i området.

§ 5. Hastighetsbegrensning og aktsomhetsplikt

Høyeste tillatte hastighet i farvannet er 8 knop. Ved seilas og oppankring i farvannet skal alle fartøy utvise spesiell aktsomhet.

§ 6. Lytteplikt på radio

Fartøy i eller på vei til eller fra farvannet, skal lytte kontinuerlig på VHF-kanalene 13 og 16.

§ 7. Dispensasjon

Kystdirektoratet, eller den det bemyndiger, kan i spesielle tilfelle dispensere fra bestemmelsene i forskriften. Søknad om dispensasjon sendes skriftlig til Kystdirektoratet én måned før fartøyets planlagte ankomst.

§ 8. Straffebestemmelser

Den som forsettlig eller uaktsomt overtrer forskriften her, straffes med bøter etter lov 8. juni 1984 nr. 51 om havner og farvann m.v. § 28, hvis ikke strengere straffebestemmelser kommer til anvendelse.

§ 9. Ansvar

Forskriften her medfører ingen endringer i det ansvar fartøyets fører ellers har i forhold til fartøyets fremdrift, navigering, manøvrering og ankring.

§ 10. Ikrafttredelse

Forskriften trer i kraft 1. januar 2005.

Forskrift om fartsavgrensing i sjøen i Stranda kommune, Møre og Romsdal fylke, sjøkart nr. 127.

Forskrift fastsett av Stranda kommunestyre 18. april 2018 med heimel i forskrift 15. desember 2009 nr. 1546 om fartsbegrensinger i sjø, elv og innsjø § 4 første ledd, gitt med heimel i lov 17. april 2009 nr. 19 om havner og farvann § 13. Forskrifta er godkjent 19. april 2018 av Kystverkets hovudkontor i medhald av føre nemnde forskrift § 4 første ledd.

§ 1 Fartsavgrensing

8 knop er høgste tillate fart i innanfor eit området trekt mellom følgjande posisjonar:

62°06,664'N, 007°10,464'E (Kvitneset), derfrå i nordleg retning til
62°07,072'N, 007°10,559'E (Fyrlykt Grande), derfrå i søraustleg retning til
62°06,158'N, 007°12,218'E (Maråkvika/tenderbrygge 1), derfrå i sørvestleg retning til
62°06,104'N, 007°12,155'E (inste Seawalkbøye), vidare i sørvestleg retning til
62°05,944'N, 007°11,672'E (Gjøravika), og i nordleg retning tilbake til
62°06,664'N, 007°10,464'E (Kvitneset).

3 knop er høgste tillate fart i området sør for ei linje trekt mellom posisjonane:

62°05,944'N, 007°11,672'E (Gjøravika),
62°06,104'N, 007°12,155'E (inste Seawalkbøye), og
62°06,158'N, 007°12,218'E (Maråkvika/tenderbrygge 1).

§ 2 Unntaksregel

Forskrifta gjeld ikkje for

- a) fartøy som høyrer til forsvaret, politiet, tollvesenet og brannvesenet, samt losfartøy og ambulansefartøy,
 - b) fartøy med lege om bord,
 - c) fartøy i sjøredningsteneste
- der overskriding av fartsavgrensinga må til for å få utført utrykkinga eller oppdraget.

Fartøy som nemnd i første ledd skal om mogleg vise varsellys eller på anna måte varsle om utrykkinga eller oppdraget.

§ 3 Dispensasjon

Kommunestyret kan gje dispensasjon frå denne forskrifta. Dispensasjon kan berre skje etter grunngjeve søknad. Dispensasjon skal vidare berre skje i særlege tilfelle, og det skal leggjast vekt på at det ikkje ved bølgeslag eller på anna måte oppstår skade eller fare for skade på personar, medrekna badande, andre fartøy, strandliner til farvatnet, kaier, akvakulturanlegg eller omgjevnadane elles.

Dispensasjonen skal gjerast tidsavgrensa.

Kommunestyret kan delegere mynde etter første ledd til hamnestyret.

Tildeling eller avslag på søknad om dispensasjon kan klagast på. Kystverkets hovudkontor er klageinstans for vedtak fatta av kommunestyret eller hamnestyret.

§ 4 Straffeansvar

Brot på forskrifta eller einskildvedtak gitt i medhald av denne, straffast med bøter etter lov 17. april 2009 nr. 19 om havner og farvann § 62, for så vidt brotet ikkje vert ramma av strengare strafferegel.

§ 5 *Ikraftsetjing*

Forskrifta trer i kraft ved kunngjering i Norsk Lovtidend.

Pilot/Master exchange.

Information to ships calling at Geiranger.

Geiranger has special and unpredictable local wind conditions. It is therefore necessary to inform about necessary precautions during your stay.

Mooring: (Aft mooring to bollards ashore or to the buoys in the Sea-walk).

Make sure that the hawsers are equally tensioned, and fed out as close to the center of the ship as possible. This is also important when the vessel is moored between the Sea-Walk buoys.	
All ropes must be fastened by brakes or on bollard, never on "tension" .	

Sea-walk: special precautions.

When between the buoys, ship must be positioned so that the Sea-Walk can move freely in and out. (It is important not to stretch the SeaWalk too far.)	
Use aft gangway, - this gives the Sea-walk best possibility of movement.	

Watch keeping on bridge and in engine.

Keep in contact with "Friaren" (Geiranger harbor) on ch. 13.	
"Friaren" will contact the ship if the wind increases.	
Always keep main engines ready on short notice, and consider having engines running if the wind increases. The "Officer of the watch" must be informed of the importance of this.	
Consider if the pilot should be present on the bridge together with the bridge team if the weather or wind conditions requires.	
The pilot leaves his mobile telephone number if he leaves the bridge. Mob.....	
Use special weather forecast for Geiranger. http://butikk.met.no/kundedata/tekst/VV_Geiranger.html User KV /Passord KV Portwind Geiranger: http://www.portwind.no/vs1285.php Portwind Geiranger S: https://portwind.no/vs1424.php	

Emil Heggelund

Pilot Master

NAME OF PORT	GEIRANGER
Region/City/Port: Geirangerfjord cruise port	
Web:	www.stranda-hamnevesen.no
Official Port Address: Geirangervegen 2 6216 Geiranger	GEIRANGERFJORD CRUISE PORT IMO registered Port Facilities Geiranger: NOG NR-0001
Date: 03.01.2022 rev. 30.03 2022	

PORT			
Contact on arrival (detail name):		VHF channel:	13/16
PFSO on duty		Telephone:	+ 47 99 10 20 79
		Notice required:	1 hour
Advise if passenger vessels have priority to berth	Anchoring only or pos 4B, between the Seawalk bouys		
Are there any restrictions on arrival/departure time	No		
Specify normal working hours for	8 - 18	Pilots	
		Linesmen	
		Tugs	
Notes:			
Mooring boat Geiranger:	+ 47 99 10 20 79	24 hrs	
Maritime VHF:	channel 13/16		
Duty and PFSO direct, Geiranger:	+ 47 99 10 20 79		
SeaWalk Geiranger:	+ 47 99 10 20 79		

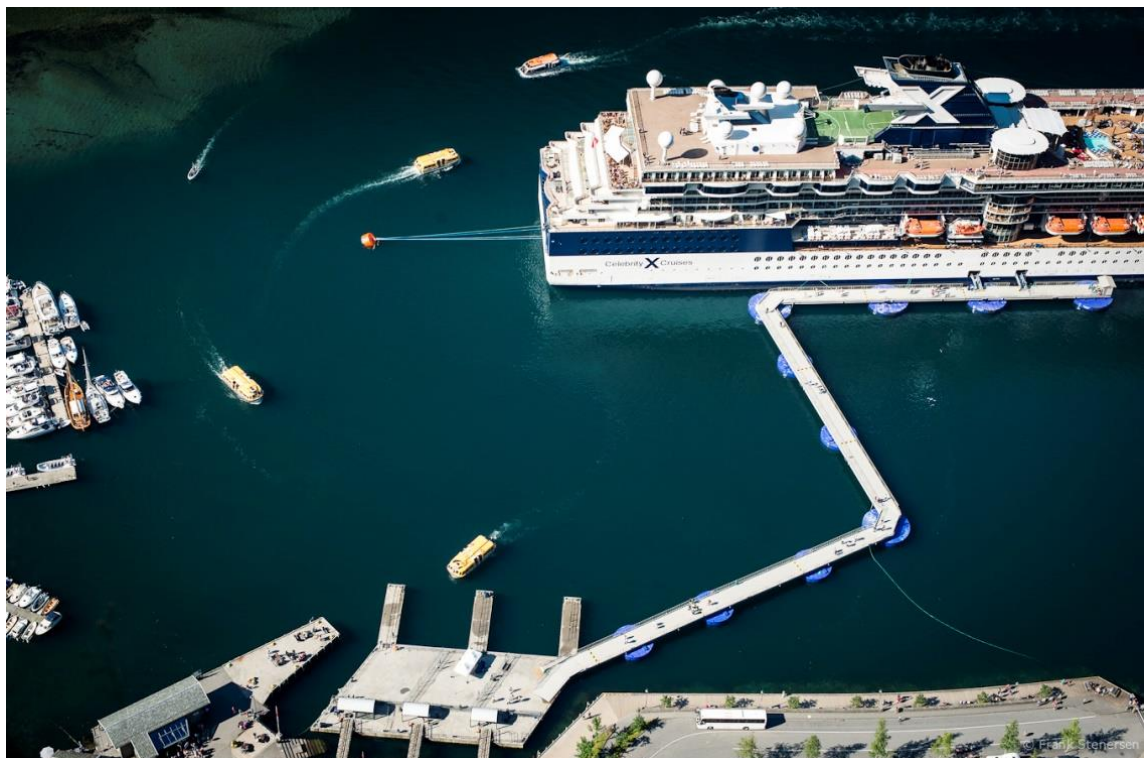
To satisfy the recommendation from Norwegian act relating to Harbours and Fairways, LOV 2019-06-21-70, section 5:

Max number of passenger per day in Geiranger: approx 6000 pax – period: 20th June to 10th August.

TOWAGE			
Are tugs compulsory?	Yes <input type="checkbox"/>	No x	
Nearest tugs are available from	Available with 12 hrs notice		
Ålesund			

PILOTAGE			
Is pilot compulsory?	Yes x	No <input type="checkbox"/>	VHF channel: Channel : 13/16
Position of pilot station:	Lat: N 62°27,0'		Long: E 005°58,9'
Range of tides & max.currents	1,5 – 2,0 m		
Approach channel width & depth	m		
Distance from pilot station to dock/anchorage	57 nautical miles		
Estimated time from pilot station to dock & max. speed for transit	4 hours 8 knots in the Geirangerfjord Tenderboats 3 knots innerfjord.		
Air draft restrictions	None		

Other restrictions	
Minimum depth and diameter of turning basin	No dedicated turning basin. Width inner fjord 600 m with depth minimum 25 m, outer fjord 800 m with minimum depth 25 m.
Minimum depth alongside the pier	Geiranger pier: Length 49 m/ Draft 4,3 – 9 m Not available for cruise ships, cargo only.
Notes:	<p>In order to protect the environment, we reserve our right to ask all passenger vessels calling at Geiranger to make use of the SeaWalk for embarking and disembarking, if the SeaWalk is available.</p> <p>IMPORTANT: In 2022 the fee for pos 4B, between the Seawalk bouys, will be same as for use of Seawalk.</p> <p>On days with one ship in port the ship (min. length 180m) will be allocated to Seawalk.</p> <p>On days with more than one ship in port, one ship will be allocated to Seawalk.</p>

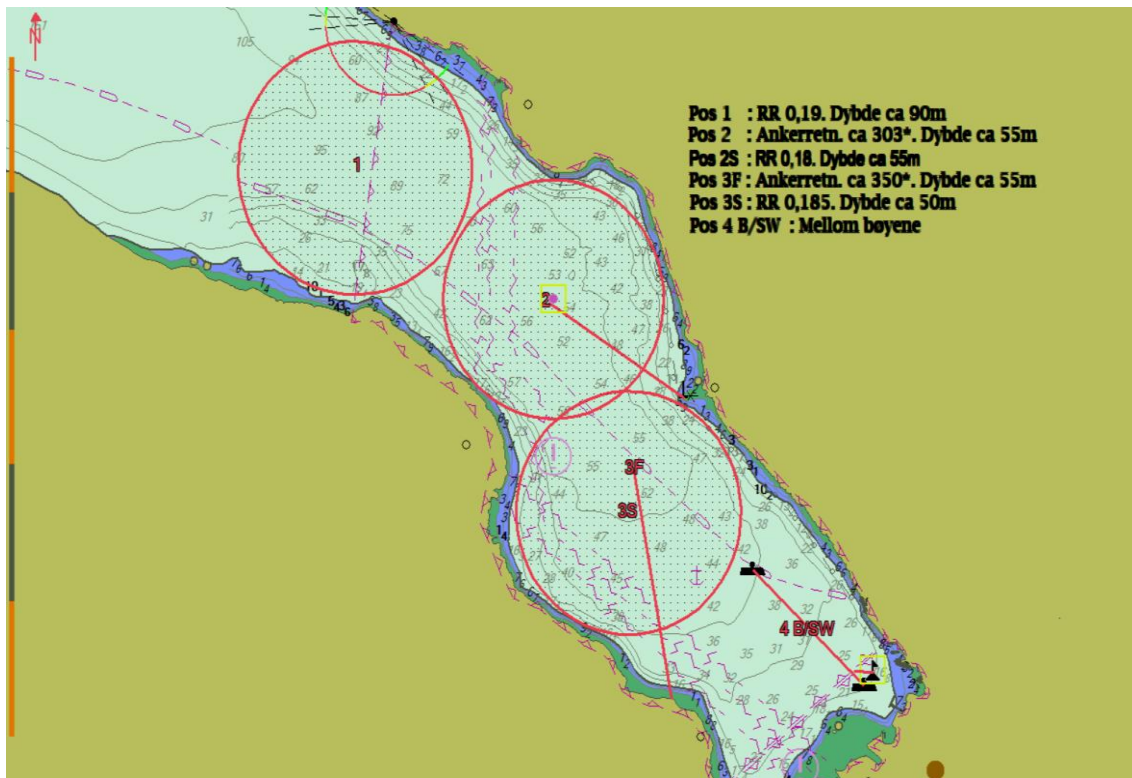


With reference to the local regulation FOR 2004-12-07, nr 1634 § 3", the Norwegian Coastal Directory has established the following guidelines for assigning anchor positions in the Geirangerfjord.

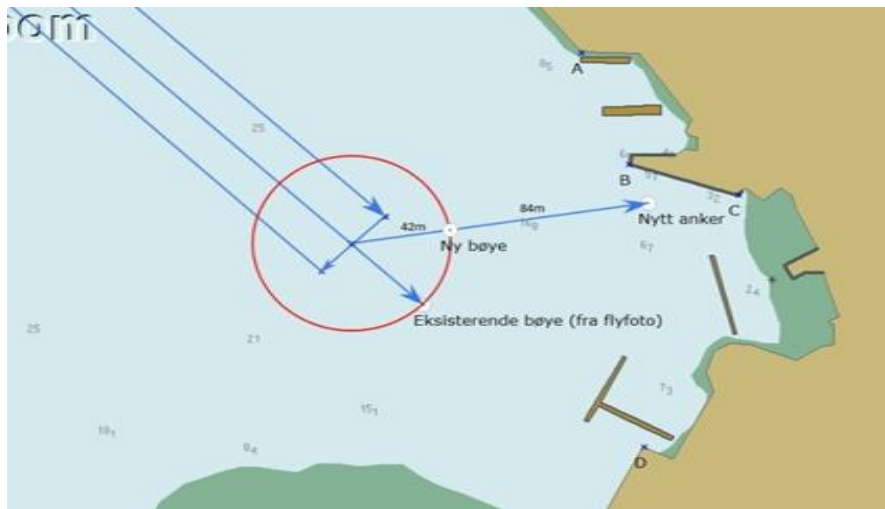
1. Maximum ship length using stern mooring Lausneset is 250 m.
2. Maximum ship length position 3 swaying (3S) is 180 m.
3. Minimum ship length using stern mooring Fonneset (3F) is 180 m.
4. If a vessel, allocated to position 4, due to weather, finds this position unsafe, position 3S may be used if;
 - i. The vessel is the only vessel inside the line Homlung – Lausneset, and
 - ii. NCA/Pilot approves change of position, and
 - iii. The vessel is technically equipped (azipods/sterndrusters) for such operation, and
 - iv. A combination of anchor and engine is used to maintain position.

NB: Previous position on Homlung (3H) is no longer in operation.

Anchorpositions in Geiranger



Seawalk bouy



Distance from tender pier to city centre	100 m
Is there a passenger terminal?	Yes <input type="checkbox"/> No x
Shore gangway:	Available <input type="checkbox"/> Not available x

ANCHORAGE	Anchorplan ready approx. April in cooperation with the Norwegian Coastal Directory.		
Anchorage position	According to plan		
Location inner Geirangerfjord	LAT: N62°06,105' LON: E007°12,156'		
Min.depth of anchorage	40 m		
Type of Bottom	Sand/ clay		
Wind / Current			
Distance from anchorage to tender pier /landing stage area.	400 – 1000 m		
Name of tender pier or landing stage	Geiranger cruise terminal		
Type of Bitts/Bollards at tender pier.			
Type of fenders at tender pier	Tires		
Distance from tender pier or landing stage to city centre	5 min.		
Height of landing stage above water at	High water: 70 cm		
	Low water: 70 cm		
Describe the way passengers get on/off the tenders (Are there steps, etc?).	Max 2 steps		
Are the tender areas wheelchair accessible?	Yes		
AVAILABILITY OF SHORE-TENDERS	Yes: x	No: <input type="checkbox"/>	
Type: Sightseeingboat	Number	1	Capacity 190
Type: Sightseeingboat	Number	2	Capacity 147
Are the shore tenders provided with all official certifications and permissions to transport persons in the area.	Yes Must be ordered in advanced		
Is it allowed the use of the ship's tenders	Yes x	No <input type="checkbox"/>	

SPEEDLIMIT:

Due to safety in and around the Geirangerfjord Cruise Port, Stranda Port Authority introduces the maximum speed limits (inner Geirangerfjord area).

8 knots is the highest allowed speed within a range drawn from the following positions:

62 ° 06,664'N, 007 ° 10,464'E (Kvitneset), north direction to
62 ° 07,072'N, 007 ° 10,559'E (Grande Grande), there in the south-east direction to
62 ° 06,158'N, 007 ° 12,218'E (Maråkvika / tenderbregge 1), south-west facing direction to
62 ° 06,104'N, 007 ° 12,155'E (inner Seawalk bend), further south west to
62 ° 05,944'N, 007 ° 11,672'E (Gjøravika), and in the north direction return to
62 ° 06,664'N, 007 ° 10,464'E (Kvitneset).

The **5 knots** speed applied around the Geiranger port area.

The area of SeaWalk and Geiranger cruise terminal.

3 knots is the highest allowed speed in the area south of a line drawn between the positions:

62 ° 05,944'N, 007 ° 11,672'E (Gjøravika),
62 ° 06,104'N, 007 ° 12,155'E (inner Seawalk bend), and
62 ° 06,158'N, 007 ° 12,218'E (Maråkvika / tenderbrygge 1).

SECURITY AND VISITORS

Detail which facilities are in place

Each cruise ship will be allocated a tender pier for operation of tender boats and will exercise access control of respective areas for a specified period of time. SSO must establish security checkpoints (100%) at the entrance to restricted areas.

The PFSO has authorised access for personnel to the ISPS area as follows:

- Persons employed by Stranda Port Authority.
- Persons on official business (police, customs, pilots, fire brigade, Stranda Community).
- Crew on board the mooring boat.

All authorised personnel must wear an ID-card indicating admission to "Restricted areas".

The port/security personnel will carry out spot checks of the ID cards for a ship when going onboard. Advance notification of such spot checks will be provided.

Certificate ISPS plan approved	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details	
Name and contact of PFSO :	Rita Berstad Maraak		Contact nr. + 47 46 41 11 13	
Hand luggage scanner available?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details	
Luggage scan available?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details	
Fences present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details	
Shore guards present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details	

Notes

SSO must establish security checkpoints (100%) at the entrance to restricted areas in Geiranger and Hellesylt.

Solid waste/ garbage: only Hellesylt port
Fresh water : not available
Grey/ black water: only Hellesylt port
Washing with fresh water: confirmed
Permit of touch with paint: confirmed. Consideration must be given to the environment
Maintenance work: confirmed. Hot work on request due to fire preparedness
Fuel: not available

OTHER ENVIRONMENTAL ISSUES	
Additional useful information	<ul style="list-style-type: none"> • Ships using garbage/ waste burners on board must switch them off when entering the port area. • Tender-boats must stop engines at ship's side and alongside jetty. • Permission is given to lower anchor, to lower painting raft, lifeboats, pontoon, diving and to conduct boat drill and bell.

New environmental regulation in the Geirangerfjord area.

The Norwegian Maritime Authority's environmental regulations for the world heritage fjords, came into force from 1st March 2019.

Use of scrubber system

- **Open scrubber systems:** not accepted as equivalent solution to comply with the Sulphur requirement.
- **Close loop scrubbers:** permitted provided measures are installed to reduce emission of visible smoke/vapour.
- Fuel with Sulphur content of **maximum 0.1 %** is permitted.

The requirements applies independently of when the ship has been built Ref. MARPOL Annex VI/13

Use of incinerator

- Use of incinerator in the Geirangerfjord is **prohibited**.

Black water and grey water

- It is **prohibited** to discharge blackwater and greywater into the fjords.
- Black water and grey water which is managed by a ship in accordance with MARPOL Annex IV, regulation 9.1 is not considered "black water" and "grey water".

Special rules regarding emission of nitrogen oxides (NOx) from ships in the world heritage fjords.

Ships of 1,000 gross tonnage and upwards shall, irrespective of the requirements in force at the year of the ship's construction, in the world heritage fjords comply with:

- The Tier I requirements, cf. MARPOL regulation VI/13 by 1 January 2020;**
- The Tier II requirements, cf. MARPOL regulation VI/13 by 1 January 2022;**
- The Tier III requirements cf. MARPOL regulation VI/13 by 1 January 2025.**

The Norwegian Maritime Authority may upon written application from the company grant exemption for a ship from the Tier I requirements set out in MARPOL regulation VI/13 cf. section 12, if it can be documented that the ship will comply with the Tier III requirements not later than 1 January 2022.

Ship specific environment instruction for the world heritage fjords

- Ship of GT10 000 or more, shall have a ship specific environment instruction for operation within the world heritage fjords. This to ensure that the ship operate in an optimal environmental friendly manner by use of technical and operational measures. The instruction shall include but not limited to:
- Training of personnel.
- Operational and technical measures to reduce emission of particles and visible smoke.
- Optimisation of speed as a measure to reduce emission in general.

NAME OF PORT	HELLESYLT
Region/City/Port: Geirangerfjord cruise port	
Web:	www.stranda-hamnevesen.no
Official Port Address: Geirangervegen 2 6216 Geiranger	GEIRANGERFJORD CRUISE PORT IMO registered Port Facilities Hellesylt: NOHSY-0001
Date: 03.01 2022 rev. 30.03 2022	

PORT			
Contact on arrival (detail name):		VHF channel:	13/16
PFSO on duty		Telephone:	+ 47 91 78 46 99
		Notice required:	1 hour
Advise if passenger vessels have priority to berth	Yes		
Are there any restrictions on arrival/departure time	No		
Specify normal working hours for	8 - 18	Pilots	
		Linesmen	
		Tugs	
Notes:			
Duty and Service telephone, Hellesylt:	+ 47 91 78 46 99	24 hrs	
Maritime VHF:	channel 13/16		
PFSO direct, Hellesylt:	+ 47 46 41 11 13		

To satisfy the recommendation from Norwegian act relating to Harbours and Fairways, LOV 2019-06-21-70, section 5:

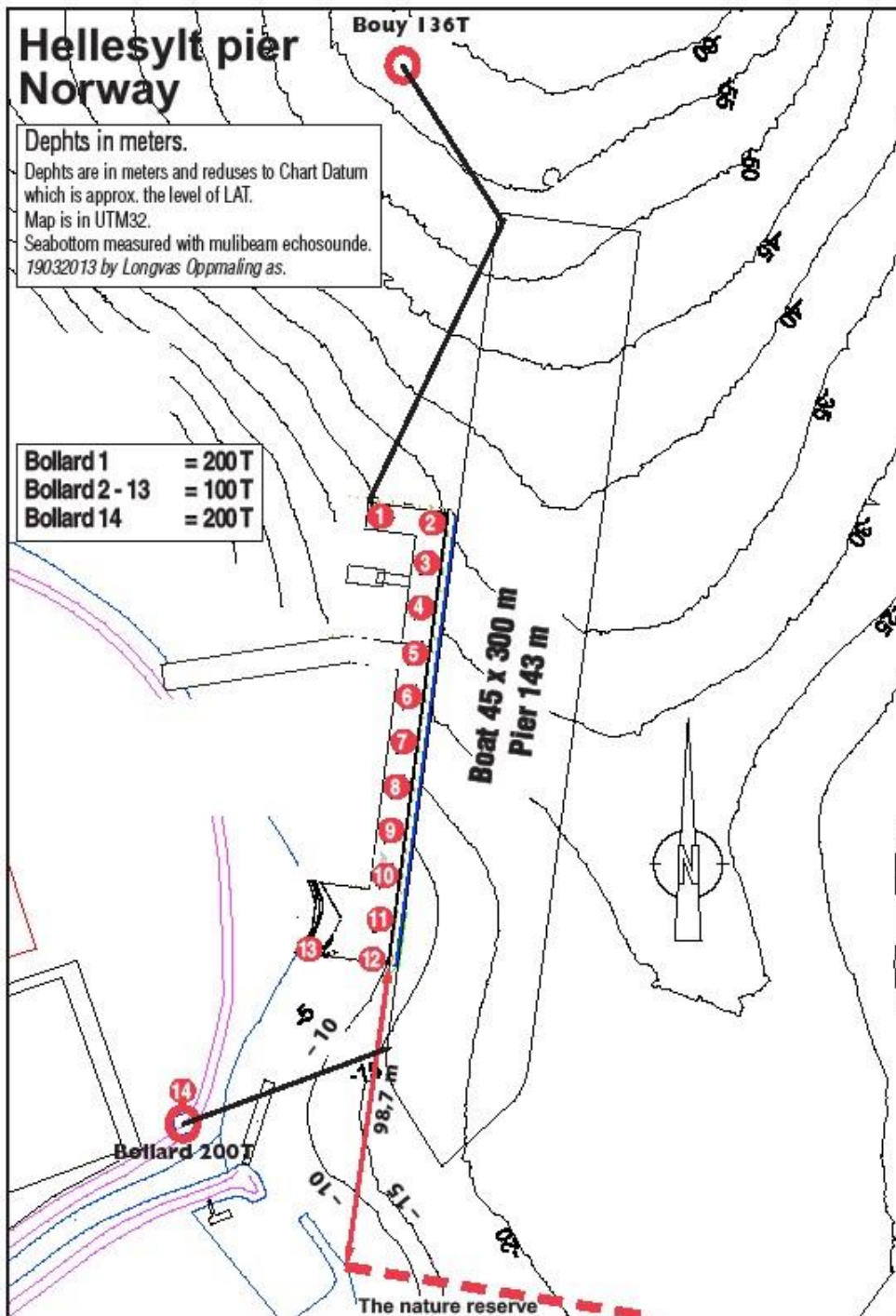
Max number of passenger per day in Geiranger: approx 6000 pax – period: 20th June to 10th August.

TOWAGE			
Are tugs compulsory?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Nearest tugs are available from Ålesund	Available with 12 hrs notice		

BERTH	
Name:	HELLESYLT CRUISE PIER
Length:	143 m
Draft:	10,52 m
Actual depth:	9,38 m
Draft:	Deducted: extreme low water: 0,34 m, surface tolerance: 0,5 m and tolerance ground conditions: 0,3 m

Location of berth:	Lat: N 62°05, 162' Long: E 006°52,521' Quay direction: 005,8°		
Max length/Draft permitted:	LOA: decided by master/pilot		
Type of the berth:	Mainly cruise, but also containers and bulk traffic		
Pier surface:	Concrete		
Height of pier above charted low water datum water:	4,0 m		
Type and spacing of fenders:	Supercell SC1700 RE	Seven fenders	Fender panel b = 1.8m and h = 3.6m
Bollard spacing and bollard:	2 ex. 200T	Refer drawing	
Pull/strength:	1 ex. Buoy 136T		
Number of bollards:	and 12 ex. 100T		
Required side of ship alongside:	Starboard only		
Do linesmen have motorboat:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Pier obstructions:	None		
Notes			
Maximum wind for docking 22, 5 m/s. ref. drawing for location, landbollard and mooring.			
Stern of the ship: 1 ex: mooring buoy (136T).			
At the pier: 12 ex. Bollards 100T / 1 ex. Bollard 200T. Bollard forward: 1 ex. 200T			

PILOTAGE			
Is pilot compulsory?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	VHF channel: Channel : 13/16
Position of pilot station:	Lat: N 62°27,0'		Long: E 005°58,9'
Range of tides & max.currents	1,5 – 2,0 m		
Approach channel width & depth	m		
Distance from pilot station to dock/anchorage	52 nautical miles.		
Estimated time from pilot station to dock & max. speed for transit	3, 5 hours.		
Air draft restrictions	None		
Other restrictions			
Minimum depth and diameter of turning basin	No dedicated turning basin. Width inner fjord 900 m with depth minimum 50 m		
Minimum depth alongside the pier	Hellesylt ferry port: Length 40 m/ Draft 5 m. (Not available for cruise ships, cargo only.)		
Notes:	In order to protect the environment, we reserve our right to ask all passenger vessels calling at Hellesylt to make use of the quay for embarking and disembarking, if the quay is available.		
Hellesylt: normally used in combination with Geiranger and Stranda on shore excursion			



DISTANCE FROM BERTH TO CITY CENTRE:	200 m
Is there a passenger terminal	No
Shore gangway:	Not available

SECURITY AND VISITORS

Detail which facilities are in place

Each cruise ship will be allocated a tender pier for operation of tender boats and will exercise access control of respective areas for a specified period of time. SSO must establish security checkpoints (100%) at the entrance to restricted areas.

The PFSO has authorised access for personnel to the ISPS area as follows:

- Persons employed by Stranda Port Authority.
- Persons on official business (police, customs, pilots, fire brigade, Stranda Community).
- Crew on board the mooring boat.

All authorised personnel must wear an ID-card indicating admission to "Restricted areas".

The port/security personnel will carry out spot checks of the ID cards for a ship when going on-board. Advance notification of such spot checks will be provided.

Certificate ISPS plan approved	Yes x	No <input type="checkbox"/>	Details	
Name and contact of PFSO :	Rita Berstad Maraak		Contact nr. + 47 46 41 11 13	
Hand luggage scanner available?	Yes <input type="checkbox"/>	No x	Details	
Luggage scan available?	Yes <input type="checkbox"/>	No x	Details	
Fences present?	Yes x	No <input type="checkbox"/>	Details	
Shore guards present?	Yes x	No <input type="checkbox"/>	Details	

Notes
SSO must establish security checkpoints (100%) at the entrance to restricted areas in Geiranger and Hellesylt.

Solid waste/ garbage: On request.
Fresh water : Not available
Grey/ black water: On request
Washing with fresh water: Confirmed
Permit of touch with paint: confirmed. Consideration must be given to the environment
Maintenance work: confirmed. Hot work on request due to fire preparedness
Fuel: not available



OTHER ENVIRONMENTAL ISSUES

Additional useful information

- Ships using garbage/ waste burners on board must switch them off when entering the port area.
- Tender-boats must stop engines at ship's side and alongside jetty.
- Permission is given to lower anchor, to lower painting raft, lifeboats, pontoon, diving and to conduct boat drill and bell.

New environmental regulation in the Geirangerfjord area.

The Norwegian Maritime Authority's environmental regulations for the world heritage fjords, came into force from 1st March 2019.

Use of scrubber system

- **Open scrubber systems:** not accepted as equivalent solution to comply with the Sulphur requirement.
- **Close loop scrubbers:** permitted provided measures are installed to reduce emission of visible smoke/vapour.
- Fuel with Sulphur content of **maximum 0.1 %** is permitted.

The requirements applies independently of when the ship has been built Ref. MARPOL Annex VI/13

Use of incinerator

- Use of incinerator in the Geirangerfjord is **prohibited**.

Black water and grey water

- It is **prohibited** to discharge blackwater and greywater into the fjords.
- Black water and grey water which is managed by a ship in accordance with MARPOL Annex IV, regulation 9.1 is not considered "black water" and "grey water".

Special rules regarding emission of nitrogen oxides (NOx) from ships in the world heritage fjords.

Ships of 1,000 gross tonnage and upwards shall, irrespective of the requirements in force at the year of the ship's construction, in the world heritage fjords comply with:

- a) **The Tier I requirements, cf. MARPOL regulation VI/13 by 1 January 2020;**
- b) **The Tier II requirements, cf. MARPOL regulation VI/13 by 1 January 2022;**
- c) **The Tier III requirements cf. MARPOL regulation VI/13 by 1 January 2025.**

The Norwegian Maritime Authority may upon written application from the company grant exemption for a ship from the Tier I requirements set out in MARPOL regulation VI/13 cf. section 12, if it can be documented that the ship will comply with the Tier III requirements not later than 1 January 2022.

Ship specific environment instruction for the world heritage fjords

- Ship of GT10 000 or more, shall have a ship specific environment instruction for operation within the world heritage fjords. This to ensure that the ship operate in an optimal environmental friendly manner by use of technical and operational measures. The instruction shall include but not limited to:
 - Training of personnel.
 - Operational and technical measures to reduce emission of particles and visible smoke.
 - Optimisation of speed as a measure to reduce emission in general.

VIKTIGE TELEFONNUMMER

Vakttelefon Geiranger 24/7(duty phone)	+47 99 10 20 79
Vakttelefon Hellesylt 24/7 (duty phone)	+47 91 78 46 99
PFSO / PSO	+47 46 41 11 13 / 99 53 17 17
Politi (Police)	+47 70 11 87 00 eller 02800
Alarmtelefoner	Brann: 110 (Fire) Alarm: 112 (Rescue) Ambulans: 113 (Ambulance)
ISPS varslingstelefon	+47 35 57 26 25
Maritim radiostasjon (Coastal radiostation)	120
Kystverket	07 847
MS Friaren 24/7	+47 99 10 20 79
MS Geirangerfjord I	+47 48 03 15 91
MS Geirangerfjord II	+47 45 48 81 33
FjordGuiding	+47 40 08 78 01
SeaWalk 24/7	+47 99 10 20 79

PULLERTER I GEIRANGER

FONNANESET, 200 T



LAUSNESET, 200 T



Omgjøringstabell (kabel lengder til meter)

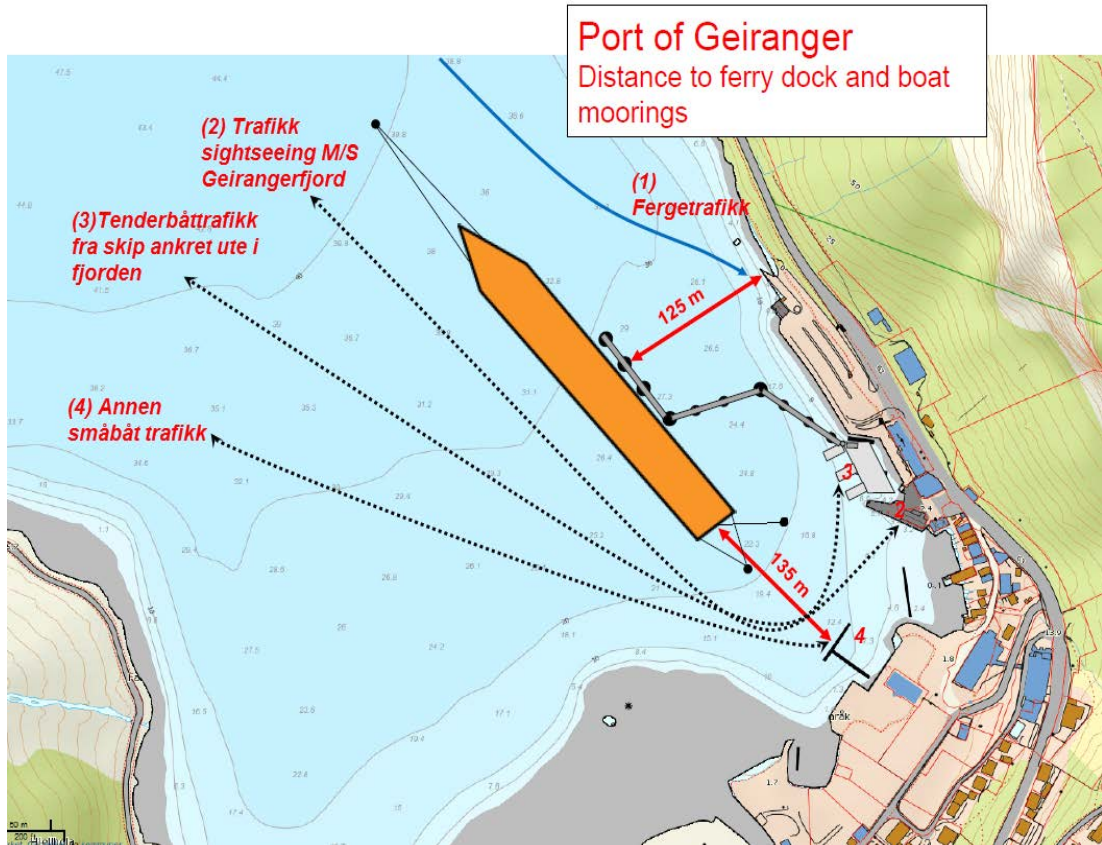


KYSTVERKET

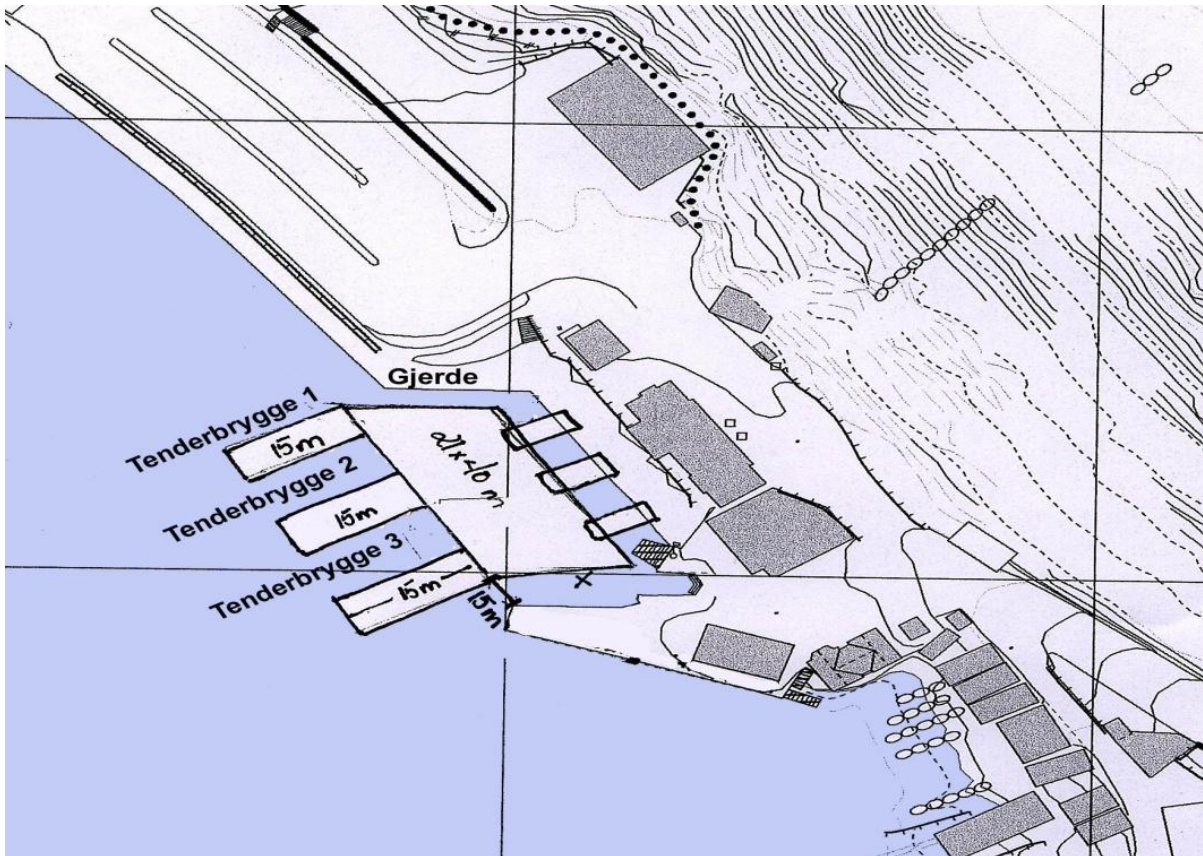
0.01`	=	19 m
0,02`	=	37 m
0.03`	=	56 m
0,04`	=	74 m
0,05`	=	93 m
0.06`	=	111 m
0.07`	=	130 m
0.08`	=	148 m
0.09`	=	167 m
0.10`	=	185 m
0.11`	=	203 m
0.12`	=	222 m
0.13`	=	240 m
0.14`	=	259 m
0.15`	=	278 m
0.16`	=	296 m
0.17`	=	314 m
0.18`	=	333 m
0.19`	=	352 m
0.20`	=	370 m
0.21`	=	389 m
0.22`	=	407 m
0.23`	=	425 m
0.24`	=	444 m
0.25`	=	463 m
0.26`	=	481 m
0.27`	=	499 m
0.28`	=	518 m
0.29`	=	536 m
0.30`	=	555 m
0.35`	=	648 m
0.40`	=	740 m
0.45`	=	833 m
0.50`	=	926 m

1 lås kjetting = 15 favner =	27.3m
2	= 54,6m
3	= 81,9m
4	= 109.2m
5	= 136,5m
6	= 163,8m
7	= 191,1m
8	= 218,4m
9	= 245,7m

SEAWALK



TENDERBRYGGE



12.06.2022	Mein Schiff 1	4		0800-1800	1930-2030	316	111554			
13.06.2022	Viking Mars	2		0800-1800		228	47800			
13.06.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
14.06.2022	MSC Grandiosa				1000-2100	332	177000			
14.06.2022	MSC Virtuosa	4		1000-1700	0700-0800	333	139072			
14.06.2022	World Voyager	2		1000-1900		120	9934			
15.06.2022	AidaPrima				0830-1700	300	125572			
15.06.2022	Iona	4		0900-1700	0630-0715	345	184700			
18.06.2022	Europa 2	4		0800-1800		226	42830			
20.06.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
21.06.2022	World Explorer	3S		0600-1800		120	9923			
21.06.2022	MSC Grandiosa	4		1100-2100	0900-1000	332	177000			
22.06.2022	Iona	4		0900-1700	0630-0715	345	184700			
22.06.2022	Rotterdam				0900-1700	297	99836			
23.06.2022	Celebrity Apex	3F		0700-1500		306	129500			
23.06.2022	Mein Schiff 1	4		0800-1800	1930-2030	316	111554			
24.06.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			
25.06.2022	Spirit of Adventure	4		0900-1700		236	58119			
27.06.2022	World Navigator	3S		0800-2000		126	9271			
27.06.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
28.06.2022	Star Legend	3S		0700-1330		135	9961			
28.06.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
29.06.2022	MSC Grandiosa				0815-1600	332	177000			
29.06.2022	Iona	4		0900-1700	0630-0715	345	184700			
30.06.2022	Mein Schiff 3	4		0800-1900	1930-2030	293	99526			
01.07.2022	World Explorer	3S		0800-2000		120	9923			
01.07.2022	Mein Schiff 4	4		0800-1800	1930-2030	293	99526			
02.07.2022	AidaPerla	4		1100-1900	0800-0930	300	125572			
02.07.2022	Scenic Eclipse 1	3S		1300-1600	1800-1900	168	17545			
03.07.2022	Marina	4		0900-1700	1900-2100	239	66084			
04.07.2022	Mein Schiff 1	4		1030-2030	0800-0900	316	111554			
04.07.2022	Le Dumont Durville	3S		0830-1300	1500-1800	131	9966			
05.07.2022	MSC Grandiosa	4		1100-2100	0900-1000	332	177000			
06.07.2022	Deutschland	2		1400-2100		175	22496			
06.07.2022	Iona	4		0900-1700	0630-0715	345	184700			
07.07.2022	Mein Schiff 3	4		1030-2000	0800-0900	293	99526			
07.07.2022	Viking Mars	2		0800-1800		228	47800			

08.07.2022	Amadea	2		0700-1300		193	29008			
08.07.2022	Mein Schiff 4	4		0800-1800	1930-2030	293	99526			
10.07.2022	Seven Seas Splendor	2		1100-2200	0700-0900	224	54000			
10.07.2022	World Navigator	3S		0800-2000		126	9271			
10.07.2022	Viking Jupiter	4		0900-2000		228	47861			
11.07.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			
12.07.2022	Deutschland	3S		1900-2200		175	22496			
12.07.2022	MSC Grandiosa				1100-2100	332	177000			
12.07.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
13.07.2022	Iona	4		0900-1700	0630-0715	345	184700			
14.07.2022	Volendam	4		0800-1700		238	61214			
14.07.2022	Le Dumont Durville	3S		0830-1300	1500-1800	131	9966			
15.07.2022	Mein Schiff 1	4		0800-1800	1930-2030	316	111554			
17.07.2022	Vasco da Gama	4		1100-1900		219	55877			
18.07.2022	Le Dumont Durville	3S		0830-1300	1500-1800	131	9966			
18.07.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
19.07.2022	MSC Grandiosa	4		1100-2100	0900-1000	332	177000			
20.07.2022	Iona	4		0900-1700	0630-0715	345	184700			
20.07.2022	Star Pride	3S		1200-1900		134	9975			
21.07.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			
22.07.2022	Halifax	4		0800-1900		322	113000			
23.07.2022	Star Legend	3S		0700-1330		135	9961			
25.07.2022	Mein Schiff 4	3F		0800-1800	1930-2030	293	99526			
25.07.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
26.07.2022	Amadea	2		0700-1300		193	29008			
26.07.2022	AidaPrima	4		1400-2100	1100-1230	300	125572			
27.07.2022	MSC Grandiosa				0815-1600	332	177000			
27.07.2022	Iona	4		0900-1700	0630-0715	345	184700			
28.07.2022	Le Dumont Durville	3S		0830-1300	1500-1800	131	9966			
28.07.2022	Jewel of the Seas	4		1000-1800		293	90090			
29.07.2022	Deutschland	3S		1800-2100		175	22496			
29.07.2022	Artania	4		0700-1400		231	44697			
31.07.2022	Mein Schiff 1	4		0800-1800	1930-2030	316	111554			
31.07.2022	World Voyager	3S		1000-1900		120	9934			
01.08.2022	Le Dumont Durville	3S		0830-1300	1500-1800	131	9966			
01.08.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
02.08.2022	MSC Grandiosa	4		1100-2100	0900-1000	332	177000			

03.08.2022	Iona	4		0900-1700	0630-0715	345	184700			
04.08.2022	AidaPerla	4		1130-1900	0800-0930	300	125572			
08.08.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
09.08.2022	Viking Mars	2		0800-1800		228	47800			
09.08.2022	MSC Grandiosa				1100-2100	332	177000			
09.08.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
10.08.2022	Iona	4		0900-1700	0630-0715	345	184700			
11.08.2022	Mein Schiff 1	4		0800-1800	1930-2030	316	111554			
12.08.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			
15.08.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
16.08.2022	MSC Grandiosa	4		1100-2100	0900-1000	332	177000			
17.08.2022	Iona	4		0900-1700	0630-0715	345	184700			
18.08.2022	Rotterdam	4		0800-1700		297	99836			
19.08.2022	Mein Schiff 4	4		0800-1800	1930-2030	293	99526			
20.08.2022	AidaPerla	4		1100-1900	0800-0930	300	125572			
21.08.2022	Leonardo1	4		0800-2200		294	145000			
21.08.2022	Seven Seas Splendor	2		1000-2100	0700-0900	224	56182			
22.08.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
23.08.2022	MSC Grandiosa				1100-2100	332	177000			
23.08.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
24.08.2022	Iona	4		0900-1700	0630-0715	345	184700			
25.08.2022	Deutschland	3S		0800-1300		175	22496			
26.08.2022	Viking Mars	4		0800-1800		228	47800			
28.08.2022	Mein Schiff 4	4		0800-1800	1930-2030	293	99526			
29.08.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			
30.08.2022	Celebrity Silhouette	3F		0700-1500		315	122210			
30.08.2022	MSC Virtuosa	4		1100-1800	0800-0900	333	139072			
31.08.2022	Iona	4		0900-1700	0630-0715	345	184700			
03.09.2022	Artania	1		1800-2000		231	44697			Crusing only
04.09.2022	Jewel of the Seas	4		1000-1900		293	90090			
05.09.2022	Mein Schiff 4	3F		0800-1800	1930-2030	293	99526			
05.09.2022	Costa Diadema	4		1200-1800	0830-1000	304	133019			
06.09.2022	MSC Grandiosa				1100-1900	332	177000			
06.09.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
06.09.2022	World Navigator	3S		1300-2200		126	9271			
07.09.2022	Iona	4		0900-1700	0630-0715	345	184700			
08.09.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			

14.09.2022	Vasco da Gama	4		1100-1700	1900-2000	219	55877			
15.09.2022	Amadea	2		0700-1300		193	29008			
15.09.2022	Rotterdam	4		0700-1700		297	99836			
15.09.2022	Silver Moon	3F		1200-1700	0800-0930	213	40790			
17.09.2022	Leonardo1	4		0800-2200		294	145000			
18.09.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			
19.09.2022	Mein Schiff 3	4		0800-1800	1930-2030	293	99526			
20.09.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
22.09.2022	Spirit of Adventure	4		0800-1700		236	58119			
25.09.2022	Hanseatic Inspiration	3S		1200-1800		139	16100			
28.09.2022	AidaPerla	4		1200-2000	0830-1000	300	125572			
29.09.2022	Rotterdam	4		0700-1700		297	99836			
02.10.2022	Vasco da Gama	4		1100-1900		219	55877			
04.10.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
08.10.2022	AidaPerla	4		1100-1900	0800-0930	300	125572			
16.10.2022	Vasco da Gama	4		1100-1900		219	55877			
18.10.2022	AidaPrima	4		1230-2030	0900-1030	300	125572			
22.10.2022	Amadea	2		1700-1900		193	29008			

Kanalplan VHF

SØR-NORGE 2022

● Telenor kystradio: MMSI 00257 0000

MSI	VÆR
02.33 UTC	
06.33 UTC	09.00 LT
10.33 UTC	12.00 LT
14.33 UTC	15.00 LT
18.33 UTC	18.00 LT
22.33 UTC	21.00 LT

Lokaltid (LT) er
UTC +1 t om vinteren og
UTC +2 t om sommeren

- 78 ● Snorre
- 66 ● Gullfaks-A
- 21 ● Oseberg-A
- 05 ● Grane
- 79 ● Sleipner-A
- 66 ● Draupner
- 03 ● Ula
- 20 ● Ekofisk
- 22 ● Valhall

