

C 2 Mecklenburger Bucht

C 2.1 Fehmarn to Travemünde

C 2.1.1 Fehmarn to Neustädter Bucht

Approaches

Landmarks see Fig.

(2006)

Lighthouse Dahmeshöved from SE Fig. C 2.1.1

Shipping restrictions

Military exercises see Section A 1.6

Fishing see also Section A 1.4

trawlers

outside the 20-m-depth contour up to 1.5 nm distance from the coast during the winter period

Natural conditions

Current

during strong E winds

W to SW current

during strong N winds

in the inner part of Mecklenburger Bucht SW current maximum speed 1.5 kn

along the line Fehmarn-Darß E current maximum speed 1.5 kn

during strong W winds

along the coast E current maximum speed 1.5 kn

during strong S winds

in the central part of Mecklenburger Bucht and along the Holstein coast NE to NW

current maximum speed 1 kn

during extremely strong storms maximum current speed 2 to 4 kn

Water level

increasing during NE winds

during storms up to 3 m

decreasing during SW winds

During storms up to 2 m

Ice

icing on open sea depends on wind and surface current

in the inner part of the bay risk of piling up of drifting ice during onshore winds

risk of barricades of pressure ice

Fairway

Restrictions

fairways subject to silting

Recommendations

local authorities provide information about the actual water depth

Entrance to Großenbroder Binnensee

restrictions

after silting correction of fairway and buoyage at short notice

Großenbroder Binnensee

dimensions of fairway

water depth 2.5 m

regulations

speed limit 5 kn

Port

Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Großenbroder Binnensee (54° 21' N 011° 04' E)							
Yachthafen Klemens		to 4.5 m					Pleasure craft 180 Berths visitors berths available
Großenbrode Yachthäfen		2.5 m					Pleasure craft 400 Berths visitors berths available
Wassersport- zentrum		to 2.5 m					Pleasure craft visitors berths available
Grömitz (54° 08' N 010° 57' E)							
Yachthafen		2–3 m					Pleasure craft 780 Berths (18 visitors berths) open from 1.April to 31.October

C 2.1.2 Neustädter Bucht

Approaches

Landmarks see Fig.

(2006)

Tower E of Pelzerhaken from S
Fig. C 2.1.2

Shipping restrictions

Military exercises see also Section A 1.6

SE of Neustadt

submarine exercise area

Fishing see C 2.1.1

Natural conditions

Current

Neustädter Bucht

into the bay during NE winds

out of the bay during SW winds

off Pelzerhaken maximum current speed 3 kn

junction to inner water N of Neustadt

depending on wind direction gentle or strong current opposite to wind direction

Water level

increasing during NNE winds up to 1.5 m

greater local variations possible

decreasing during SSW winds up to 1.5 m

greater local variations possible

Fairway

Regulations

speed limit

for all power driven recreation craft and water motor scooters 8.1 kn in the 1 nm wide

fairway between buoy 1 Travemünde fairway and buoy 2 Neustadt fairway

with seaward limit marked by yellow buoys

Fairway up to Harbour entrance

dimensions of fairway

Least depth 7.3 m

Main harbour fairway Neustadt

dimensions of fairway

Water depth 4.0 to 5.5 m

regulations

Extraordinary large vessels according to German Shipping Regulations

LOA 90 m or more or beam of 13.5 m or more or draught of 4.5 m or more

Speed limit

5.4 kn N of a line connecting buoys 3 and 6

Anchorage

Anchorage/ Position	Water depth/ Ground	Characteristics
W of dredged channel Neustadt Church bearing in centre of harbour entrance Neustadt	5–7 m Sand with stones	

Port

Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Neustadt (54° 06' N 010° 49' E)							
Quay W part	450 m						commercial shipping
Quay E part	200 m						Fishery
Neustadt-Wiek (54° 06' N 010° 48' E)							
Coast Guard Jetty							Naval Berth Coast Guard

Yacht harbour Fairway E part							Pleasure craft 250 Berths
Jetty N of yacht harbour							Pleasure craft visitors berths available
Ancora Marina		4 m					Pleasure craft 1 400 Berths

Harbour services

waste disposal facilities

Oily residuals

Garbage

ships supplies and bunker facilities

repair facilities

C 2.1.3 Neustädter Bucht to Travemünde

Shipping restrictions see C 2.1.2

Natural conditions see C 2.1.2

Niendorf (53° 59' N 010° 49' E)

Approach fairway

dimensions of fairway

least depth 3 m

restrictions

fairway liable to silting

After silting correction of fairway and buoyage at short notice

Port

berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Niendorf							
Fishing harbour		to 3 m					Fishery
Jetty N part							Local traffic
Private boat harbours on both sides of the entrance		to 3 m					Pleasure craft
Yacht harbour shipyard							Pleasure craft

harbour services

waste disposal facilities

oily residuals

ships sewage

garbage

ships supplies and bunker facilities

C 2.2 Travemünde and Lübeck

C 2.2.1 Travemünde (53° 58' N 010° 53' E) and Trave

Approaches

Route planning

recommendation

crossing high-voltage DC cable Lübeck-Trelleborg

crossing the cable preferably at right angles

switch off the magnetic compass autopilot

Shipping restrictions

Military exercises see Section A 1.6

Fishing see Section A 1.4

Nature reserve

nature protection areas

from Stülper Huk N- and SW-wards along the Untertrave shore

along the Priwall (Pötenitzer Wiek) W- and S coast

in Dassower See

shipping is allowed with special permission only

Natural conditions

Current

during NNW to E winds

into Trave estuary

within the breakwater river direction, minor N drift

maximum current speed 2 kn

near the coast eddies at half force of the main current

directly off the estuary in the middle and S part of the fairway in SW direction

in the N part directly before the northern breakwater in S direction

during S to W winds

out of Trave estuary

within the breakwater river direction, minor N drift

maximum current speed 2 kn

near the coast eddies at half force of the main current

off the harbour area

one branch in fairway direction towards roadstead

one branch SE wards towards Mecklenburg coast

Water level

increasing during N to SE winds up to 1 m

in extreme circumstances up to 3 m

decreasing during SW to W winds up to 1 m

in extreme circumstances up to 3 m

Magnetic variations

in vicinity of the high-voltage DC cable Lübeck-Trelleborg (Arrie) up to 70°

Ice

icing possibly between mid January and mid February

Vessel traffic service

Area

Travemündung and Trave

Station

VTs Travemünde

Continuous listening watch

all vessels on VHF channel of Trave Traffic within the service area

Compulsory registration

oil, gas- and chemical tankers according to § 30 SeeSchStrO

vessels of 6 m beam or more

towed and pushed units of 6 m beam or more

Reports

when passing reporting points

Service

traffic permission

traffic information

Pilotage

Pilot service

pilotage compulsory

oil, gas- and chemical tankers according to § 30 SeeSchStrO

vessels over 60 m length or 10 m beam

Pilot Station Travemünde

Pilot request

time

approaching

at least 12 hours before light-buoy 1 Lübeck-Gedser-Way

if the voyage time is less than 3 hours immediately after leaving the previous port

confirmation 2 hours before light-buoy 1

departing or shifting

at least 2 hours before departure

if departure is scheduled between 19:00 and 08:00 by 17:00

Pilot boards

boarding place

Near fairway buoy

pilot boat will guide vessels in difficult weather conditions

Fairway

Regulations

extraordinary large vessels according to German Shipping Regulations

fairway buoy Trave to Stülper Huk (km 21.2)

length 190 m or more or beam 29 m or more or draught 8.0 m or more

Stülper Huk to light beacon 28 (km 12.5)

length 180 m or more or beam 25.5 m or more or draught 7.5 m or more

light beacon 28 to Lübeck Stadthäfen

length 140 m or more or beam 19 m or more or draught 6.5 m or more

compulsory tug assistance

for vessels with a lateral surface above the waterline of 2 000 m² and above (ship plus deck cargo) and not being designated as extraordinary large vessels

wind force exceeding 6 Bft

between light buoys 3/4 and Skandinavienkai

wind force exceeding 7 Bft

between Trave-km 15.3 (formerly Flenderwerft) to Lübeck

traffic permission for Travemünder Enge

Inbound traffic

when passing fairway buoy Trave no outbound vessel may have passed the line
Stülper Huk/Light beacon 16
when passing fairway buoy No1 no vessel may have departed from Travemünde
when no vessel departing from Lübeck has reached Priwall Süd

passage interdiction

in Travemünder Enge between the lines connecting light buoys 3 and 4 and the
beacons at km 25.5

for vessels of 6 m beam and more

at a range of visibility exceeding 1000 m and at winds up to force 6 Bft
inclusive and the aggregate beams of the vessels that would be involved
in such head-on situation would not exceed 42.00 m, whereas the
draught of one of the vessels would not exceed 6.50 m

at a range of visibility below 1000 m or at winds exceeding force 6 Bft
and the aggregate beams of the vessels that would be involved in such
head-on situation would not exceed 35.00 m, whereas the draught of
one of the vessels would not exceed 6.50 m

when no head-on situations are permitted to develop, the outbound vessel shall
have the right of way

on Untertrave above Schlutup to Lübeck between Trave-km 15.3 (formerly Flender
Werft) to Trave-km 8.6 (town piers)

for vessels of 6 m Beam

if the aggregate beams of the vessels that would be involved in such
head-on situation would not exceed 35.00 m, whereas the draught of
one of the vessels would not exceed 6.50 m

when no head-on situations are permitted to develop, the vessel with the
broader beam shall have the right of way; in cases where both vessels have
roughly the same beam, the inbound vessel shall have the right of way.

passage and overtaking interdicted

in Herreninseldurchstich

information about reported vessels in opposite direction may be obtained from
VTS Travemünde

speed limit

between buoys 3/4 and Priwall Süd

6.5 kn for vessels with less than 3 m draught

all other vessels with minimum speed for steering but max. 8.1 kn

8.1 kn between Priwall Süd and light beacon 20

6.5 kn upstream of light beacon 20

Trave Approach

dimensions of fairway

maintained depth 10 m

Trave to S of Siechenbucht

dimensions of fairway

maintained depth 10 m

Trave to Lübeck (km 6.9)

dimensions of fairway

maintained depth 9.5 m

Herreninsel passage at Siems

dimensions of narrow passage

width 52.9 m between the piling of the former bascule bridge

regulations

passage interdiction

before passing contact VTS Travemünde

Signals

Traffic Signals
at VTS Travemünde

Signal		Meaning
Day	Night	
Ball Ball triangle to bottom	F.r. F.r. F.gn.	extraordinary shipping restrictions
Ball triangle to bottom triangle to top or flag „red/white/red“ horizontally lined	F.r F.gn. F.	entry prohibited

Flood warning

broadcast by public media

Tide gauge

Ostpreußenkai

MWL at 5 m above tide gauge zero

Anchorage

Anchorage/ Position	Water depth/ Ground	Characteristics
Nordermole in approx. 211°, 2 nm	17 m Sand, Stiff mud, Clay	

Port

Berths

Port/ Berth Position	Quay length h	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Travemünde							
Trave, N- and W-part							
Ostpreußenkai	200	9 m					Local traffic
Prinzen-, Kaiser- and Überseebrücke	120	5–8 m					
Nordermole Dalbenreihe							Pleasure craft
Überseebrücke Jetty Jachtklub							Pleasure craft
Siechenbucht S of Fischereihafen Dalbenreihe		10 m to 7 m					Waiting place for large vessels
Fischereihafenbrück e		7 m					Fishery and pleasure craft
Marina Baltica							Pleasure craft
Jetty Böbs-Werft							Pleasure craft
Skandinavienkai 8 ferry berths	1 850	8,5–9,5 m					Ro-Ro
Trave, S- and E-part							
Kohlenhofkai	165	to 5 m					

Passathafen		3–6 m					Pleasure craft Visitors berths available
Rosenhof- Yachthafen		3–6 m					Pleasure craft 100 Berths Visitors berths available

Harbour services

- manoeuvring and berthing assistance
- tugs
- waste disposal facilities
 - oily residuals
 - ships sewage
 - garbage
- ships supplies and bunker facilities

Pötenitzer Wiek (53° 56,5' N 010° 53' E)

Regulations

- navigation interdicted
 - outside designated fairways
 - between 15.Feb. to 15.Jun. before 11:00 h on the day before Sundays and official holidays and till 09:00 h of the following working day
- speed limit 4,3 kn

Fairway

- entrance Pötenitzer Wiek
 - dimensions of narrow passage
 - least depth 4 m

Anchorage

- regulations
 - anchorage only on designated roadsteads and water areas outside 100 m distant from ashore between 11:00 on the day before Sundays and official holidays and till 09:00 h of the following working day

Dassower See (53° 54,5' N 010° 56' E)

Regulations

- speed limit 4.3 kn

C 2.2.2 Lübeck (53° 52' N 010° 41' E)

Approaches see C 2.2.1

Vessel traffic service see C 2.2.1

Fairway see C 2.2.1

Narrow passages

Eric-Warburg-Brücke (under construction 2007)

- dimensions of narrow passage
 - main passage
 - width 37.5 m
 - vertical clearance 6 m when closed

side passage

width 35 m

vertical clearance 6 m when closed

Engelsgrube-swing bridge (between Hansahafen and Holstenhafen)

dimensions of narrow passage

vertical clearance 2.5 m when closed

maximum size of vessel

Beam 9 m

Draught 4 m at MWL

opening time/order to open

Order for opening the bridge should be sent to harbour authority by 14:00 h on the day before the intended passage

opening times Monday to Friday and during weekends at 12:00 h

Signals see also C 2.2.1

Signals of vessels

request for opening Engelsgrube-Swing bridge daily (also on Sundays and holidays) between 08:30 and 09:30 h and

from 01.Apr. – 30.Sept., on Sundays between 20:00–21:00 h

from 01.Oct. – 31.March., on Sundays between 10:00–19:00 h

two long blasts (— —)

Traffic signals

at working area Wasser- und Schifffahrtsamt Lübeck-Karlshof

Tide gauge

at working area Wasser- und Schifffahrtsamt Lübeck-Karlshof

at Burgtor bridge (bascul bridge)

at Engelsgrube bridge (swing bridge)

Bridge signals

at Engelsgrube bridge (swing bridge) according to SeeSchStrO Section A 6.4

at bascule bridges according to chapter 19 (§ 19.16) BinSchStrO

Port

Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Lübeck, Untertrave							
Herrenwyk							
Lehmannkai III	550 m	7,5 m					
Lehmannkai II	150 m	8 m					Ro-Ro
Schlutup							
Fischereihafen	120 m	2,5–4 m					Partly pleasure craft
Schlutupkai I	185 m	6 m					
Silobetrieb	115 m	4 m					Grain
Schlutupkai II	220 m	9,5 m					Ro-Ro
Seglerverein Schlutup		to 3,2 m					Pleasure craft
Grell-Werft		to 4,5 m					Pleasure craft 40 Berths
Staack-Werft		to 2 m					Pleasure craft

Siems							
Seelandkai - Berth 1 - Berth 2 - Berth 3		8 m 8,5 m 9,5 m					
Lehmannkai I	295 m	7,5–9,5 m					Ro-Ro Bulk
Lehmannkai IV	225 m	7 m					
Lübeck, Herreninsel							
Seglerverein Trave		to 3,5 m					Pleasure craft
Marina am Stau		to 4 m					Pleasure craft
Seglerverein Kattegatt		1–3 m					Pleasure craft
Lübeck, Bad Schwartau (Petroleumhafen and Toter Travearm)							
various Boat harbours and Marinas		2–4 m					Pleasure craft
Lübeck, Stadthäfen							
Vorwerker Port							
Silokai	225 m	9 m					Grain
Nordlandkai	1 100 m	8,7–9,5 m					Ro-Ro
Konstinkai							
Umschlaghafen	1 100 m	8–10 m					Ro-Ro Forest products Bulk
Lübecker Lagerhaus	200 m	6,5 m					Bulk
Burgtorhafen							
Burgtorkai	750 m	8 m					Bulk Passengers
Wallhafen							
Wallhafen	1 500 m	6,6–8 m					Forest products
Hansahafen							
Pier	1 150 m	6–8 m					Passengers Waiting berths
Hansa-Marina		6 m	20 m				Pleasure craft Visitors berths available
E-part		6 m					Pleasure craft Short term berths
Klughafen							
Klughafen		3 m					Waiting berths for inland traffic
Holstenhafen							
Quay		3–6 m					Pleasure craft

Harbour services

manoeuvring and berthing assistance

tugs

waste disposal facilities

oily residuals

ships sewage

garbage

ships supplies and bunker facilities

repair facilities

C 2.3 Travemünde to Warnemünde

C 2.3.1 Wismarbucht

Approaches see also C 2.2.1

Route planning

- approaches Wismarbucht

 - W approach through Offentief

 - NE approach through Große Tief

Radar targets

- cliffs in Wismarbucht at Großklützhöved

- N and W part of Poel

- N part of Wustrow peninsular

Natural conditions

Current

- N of Timmendorf

 - during prolonged NNE to ENE winds weak W current

 - during prolonged SSW to WSW winds weak E current

- W of Timmendorf

 - during prolonged NNE to ENE winds weak S current

 - during prolonged SSW to WSW winds weak N current

- along the Mecklenburg coast SW current during stronger S winds

Water level

- during N to E winds increasing

 - during strong NE storms up to 2.8 m possible

- during S or W winds decreasing

 - during strong SW storms up to 1.9 m

Magnetic variations

- in vicinity of the high-voltage DC cable Lübeck-Trelleborg (Arrie) up to 70°

Ice

- during prolonged E winds strong ice pressures possible

Vessel traffic service

Station

- VTs Travemünde

Continuous listening watch

- all vessels on VHF channel of Wismar Traffic within the service area

Compulsory registration

- all vessels and towed and pushed units of 6 m beam or more

- oil tanker, gas tanker and chemical tanker according to § 30 (1) SeeSchStrO

Reports

- arrival

 - 1 hour before passing Wismar fairway buoy or Offentief

- during the passage

 - after pilot boarding

 - when passing the reporting points

 - when passing light buoy 9 or 23 report to VTS centre if navigating through Flaggstief

- departing

 - immediately before leaving the berth

Service

- traffic permission

traffic information

Pilotage

Pilot service

pilotage compulsory

vessels carrying dangerous or polluting cargo

vessels of 90 m length or more or of 13 m beam or more or more than 5 m draught

Pilot station Timmendorf

area of responsibility

area between Wismar port and outer pilot boarding places

Pilot request

time

entering

at least 4 hours before arrival at the outer boarding place

departing, short hauls or shifting

at least 3 hours before departure

for the time between 19:00 and 07:00 h by 17:00 h of the previous day

Pilot boards

boarding place

near fairway buoy Wismar

vessels of 90 m length or more and vessels with more than 5.2 m draught

NW of light buoy Offentief

NE of Timmendorf

vessels of less than 90 m length or less than 5.2 m draught

during special weather and traffic conditions

pilot boat guides the vessel to a safe boarding place

other boarding places as agreed

Fairway

Regulations

extraordinary large vessels according to SeeSchStrO

length 140 m or more or beam 21 m or more or draught 8.0 m or more

Großes Tief to Krakentief (main fairway from seaward to Wismar)

dimensions of fairway

width 60 m (sole width of the dredged fairway)

maintained depth 9,5 m

maximum size of vessel

draught

according to vessel's dimension and type determined by WSA Lübeck

Fairway through Offentief

dimensions of fairway

width 200 m

maintained depth 5 m

Flaggtief (side fairway)

dimensions of fairway

maintained depth 4 m

Anchorage

Regulations

announcement of WSD Nord for using inner road for

bunkering

vessels carrying dangerous or polluting goods

Anchorage/ Position	Water depth/ Ground	Characteristics
Wismar Outer roadstead 54° 06' N 011° 23' E	11–17 m Sand with stones	not safe during N winds
Boltenhagenbucht 54° 00' N 011° 14' E off Boltenhagen	10 m Stiff mud	
Wohlenberger Wiek 54° 58,5' N 011° 19,0' E (occasionally near buoy 19 otherwise in the S part of the bay)	7–9 m	good holding Ground
Inner road 54° 59' N 011° 21' E	6–9 m Sand, Stiff mud	

Ports

Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Timmendorf (54° 00' N 011° 23' E)							
Fishery and Pilot harbour		3 m					Pilot vessels Life boats Fishery Pleasure craft 60 Visitors berths available
Kirchdorf (54° 00' N 011° 26' E)							
Marina		to 3 m					Fishery Local traffic Pleasure craft 30 Berths
Niendorf / Poel (54° 00' N 011° 27' E)							
Marina		to 3 m					Pleasure craft 50 Berths
Tarnewitz (53° 58,5' N 011° 15,0' E)							
Jetty							under construction (2007)
Hohen Wieschendorf (53° 57' N 011° 21' E)							
Marina							Pleasure craft 120 Berths
Wohlenberg (53° 56,5' N 011° 15,0' E)							
Jetty							Pleasure craft

2.3.2 Wismar (53° 54' N 011° 28' E)

Approaches see also C 2.3.1

Landmarks see Fig.

Wismar Port

Fig. C 2.3.2

Shipping restrictions

Nature reserve

nature reserve area

around Walfisch island

Fauler See (S part of Poel)

Langenwerder

Tarnewitzer Huk

Vessel traffic service see C 2.3.1

Pilotage see C 2.3.1

Fairway see also C 2.3.1

Main fairway

regulations

speed limit

S of latitude front light Walfisch 8.1 kn

Kirchsee

regulations

speed limit

5.4 kn N of buoy Kirchdorf 1

Anchorage see C 2.3.1

Port

Rules and Regulations

compulsory tug assistance

vessels of 90 m length and more

extraordinary large vessels according to SeeSchStrO

Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Wismar							
Oil harbour							
LP 1	120 m	8,23 m	150 m				Mooring along dolphins, Bow seawards
Chemical pier							
LP 2	130 m	5,3 m					Use of anchor within 8 m off the berth prohibited
Wood Terminal							
LP 3, 4	313 m	8,23 m					
Grain Terminal							
LP 5, 6	202 m	8,23 m					General cargo Bulk

Kalihafen							
N part LP 7–9	500 m	8,23 m					Bulk
S part LP 10–12	505 m	8,23 m					General cargo Bulk
Überseehafen							
Brunkowkai							Pleasure craft 110 Berths
N part LP 13–15	584 m	8,23 m					General cargo Bulk
Old Port							
LP							Fishery Passengers Pleasure craft
Wendorf							
Marina		3 m					Pleasure craft 25 visitors berths
small craft berth							Pleasure craft Visitors berths on request
Westhafen							
pleasure craft service							Pleasure craft 35 Berths

Harbour services

- manoeuvring and berthing assistance
- tugs
- waste disposal facilities
 - oily residuals
 - ships sewage
 - garbage
- ships supplies and bunker facilities
- repair facilities
- other facilities
 - deratting
 - deratting certificates

2.3.3 Wismarbucht to Warnemünde

Shipping restrictions

Military exercises see Section A 1.6

Fairway

Entrance Rerik

restrictions

Salzhaff entrance not marked and buoyed

change of water depth due to silting and see weed

Ports

Berths

Port/ Berth	Quay length	Water depth	Maximum size of vessel	Characteristics
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Position			Length	Beam	Draught	Tonnage	
Rerik (54° 06' N 011° 37' E)							
Pontoons at Salzhaß		1–2 m					Fishery Pleasure craft 20 visitors berths
Kühlungsborn (54° 09' N 011° 46' E)							
Promenade pier							Passenger
Port	130 m	3,5 m	recreation crafts 18 m				Fishery Passengers Life boat Pleasure craft 100 Visitors berths
Heiligendamm (54° 08,7' N 011° 50,6' E)							
Promenade pier							Passengers

C 2.4 Warnemünde to Darßer Ort

C 2.4.1 Rostock (54° 05' N 012° 07' E)

Approaches

Routeing

Traffic Separation Scheme "South of Gedser"
navigate according to Rule 10 COLREG

Route planning

recommendation
crossing power cable between Gedser Odde and a position 1.5 nm E of Rostock-
Warnemünde entrance
crossing the cable preferably at right angles
switch off the magnetic compass autopilot

Landmarks see Fig.

Warnemünde with Seekanal and Überseehafen Fig. C 2.4.1 a

(2006)

Warnemünde, Westmole and Leuchtturm and Hotel „Neptun“ Fig. C 2.4.1 b

(2006)

Warnemünde, Ostmole and VTS Centre Warnemünde Fig. C 2.4.1 c

(2006)

Shipping restrictions

Fishing see also Section A 1.4

fish farm

N of Nienhagen

shipping prohibited year-round

Military exercises see Section A 1.6

Natural conditions

Current

during S and W to NNW winds eastward up to 3 kn

during N to SSE winds westward

for Seekanal and Rostock-Überseehafen-Fairway no reliable data available

Water level

increasing during NW to NE winds

during strong NE storms up to 2.4 m

decreasing during SE to W Winds

during SW storms up to 1.6 m

Magnetic variations

in vicinity of the power cable between Gedser Odde and a position 1.5 nm E of Rostock-Warnemünde entrance up to 70°

Ice

ice pressure along the coast possible

Vessel traffic service

Area

fairway buoy to Rostock Stadthafen

Station

VTs Centre Warnemünde

Continuous listening watch

all vessels on VHF channel of Warnemünde Traffic

Compulsory registration

vessels of 30 m length and more

vessels carrying dangerous or polluting goods

Reports

approaching

30 min before arrival Rostock fairway

during passage

when passing reporting points

after pilot boarding

entering or leaving the fairway

when alongside

start and end of turning operations in turning basin

departing

before departing the port or berth

Service

traffic permission

traffic information

Pilotage

Pilot service

pilotage compulsory

vessels carrying dangerous or polluting goods

from approach to LP 60

vessels of length 100 m or more or beam 15 m or more or draught 7.5 m or more

LP 60 to Rostocker Fischereihafen

vessels of length 80 m or more or beam 11 m or more or draught 6 m or more

from buoys 59/M 2 - 44 to Stadthafen Rostock

vessels of length 60 m or more or beam 10 m or more or draught 4.5 m or more

Pilot station Warnemünde

Pilot request

time

approaching

at least 3 h before arriving outer pilot boarding place

departing, short haul or shifting

at least 3 h before departure

if departure is scheduled between 19:00 and 07:00 by 17:00

Pilot boards

boarding place

approaching

- with draught 11.58 m or more
 - W of buoys Rostock and buoy 1
- with draught 6.5 m or more
 - W of buoys 5 and 7
- up to 6.5 m draught
 - W of buoys 11 and 13
- departing
 - up to 9.45 m draught
 - E of buoys 14 and 8
 - up to 10.66 m draught
 - between buoys 8 and 6
 - Draught exceeding 10.66 m
 - N of buoy 2
- during extraordinary weather or traffic conditions
 - pilot boat will guide the vessel to safe boarding place
 - other boarding place as agreed

Fairway

Regulations (extract)

special regulations

fairway with 120 m sole width

head-on situations are permitted to develop between vessels with aggregate beams of 40 m and more and a maximum draught of 8,50 m and more if the following prerequisites are met

- for vessels with aggregate beams between 40 and 60 metres, if the involved captains/shippers agree that a head-on situation develops and the wind force does not exceed 6 Bft

- for vessels with a draught of more than 8,50 m which are constrained to take the fairway centre, as instructed by the vessel traffic centre

fairway with 50 m sole width

head-on situations are only permitted to develop between vessels with aggregate beams between 17 m and 22 m

- as instructed by the vessel traffic centre, provided the involved captains/shippers agree that a head-on situation develops and the wind force does not exceed 6 Bft

vessels exceeding the above mentioned head-on situations are permitted to develop in the area of berth P 7, provided the draught is not exceeded

Seekanal to LP 60

natural conditions

current

across river Warnow entrance

dimensions of fairway

maintained depth 14.5 m

restrictions

silting in vicinity of breakwater heads

regulations

extraordinary large vessels according to SeeSchStrO

length 230 m or more or beam 36 m or more or draught 12 m or more

speed limit 6.5 kn

Rostock-Fairway LP 60 to Rostock

natural conditions

Current

out-going up to 4 kn

dimensions of fairway

maintained depth

to Marienehe 8 m

to LP 83 Haedgehalbinsel 6.5 m

regulations

extraordinary large vessels according to SeeSchStrO

length 125 m or more or beam 17.5 m or more or draught 5.5 m (7.5 m to Marienehe) or more

speed limit 6.5 kn

All other Fairways

regulations

speed limit 6.5 kn

Anchorage

Regulations

announcement of WSD Nord for using W part of roadstead for

bunkering

vessels carrying dangerous or polluting goods

cargo operations

Anchorage/ Position	Water depth/ Ground	Characteristics
Rostock roadstead 54° 13' N 011° 58' E	14–18 m Sand, Clay	unsafe during strong onshore winds

Port

Rules and Regulations

compulsory tug assistance

vessels of 100 m length or more

area Passagierkai Warnemünde to LP 60 Überseehafen including Ölhafen, Chemiehafen and Müsingkai

vessels of 90 m length or more

area Marienehe and Stadthafen

by-laws for Naval Port Warnemünde

entry and navigation only with special permission issued by military port authority

Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Rostock							
Rostock-Warnemünde							
Alter Strom		to 3.1 m	28.6m		3.1 m		Fishery Rescue boat Pleasure craft Visitors berths in N part
Marina		to 2 m					Pleasure craft
Marina Hohe Düne		to 4.7 m	60 m		3.5 m		Pleasure craft 750 visitors berths e
Neuer Strom LP P1–P6					6.55 m		

Passenger quay LP P7					8.38 m		
Ostmole Jetty			35 m		1.83 m		
Breitling							
Naval port							Prohibited area
Rostock-Überseehafen							
Chemiehafen			190 m		8.45 m		Bulk
Ölhafen 6 LP			260 m		13 m		Tanker
Basin A 11 LP			125 m		10.36 m		Alongside LP 54 and LP 55 anchoring prohibited up to 10 m off the quay
Basin B 12 LP			170 m		13 m		
Basin C 4 LP					13 m		
Pier I West 8 LP			155 m		10,36 m		Ferries Ro-Ro
Müsingkai							
4 LP					5,8 m		
Rostock-Marienehe							
20 LP					7,92 m		Training area LP 8 general cargo lay-by berth
Metallaufbereitung							
4 LP					5,79 m		Bulk
Rostock Stadthafen							
LP pontoons					6,4 m		Pleasure craft
Stadthafen West		approx. 5 m					Pleasure craft
Stadthafen West Steganlage							Pleasure craft 140 Berths
Haedgehafen		3,5 m					Pleasure craft Visitors berths in S part
Stadthafen Ost		approx. 5 m					Pleasure craft
Schnatermann							
Jetty		to 2,5 m					Pleasure craft
Schmarl Nord							
Jetty		3–4 m					Pleasure craft 196 Berths
Bramow							
Marina		approx. 5 m					Pleasure craft 100 Berths
Langenort							
Marina		2–3 m					Pleasure craft 30 Visitors berths
Gehlsdorf							
Neptun Marina		5–7 m					Pleasure craft 70 Berths

Gehlsdorf Nord Private marina		to 3 m					Pleasure craft
Gehlsdorf Süd Private marina		to 2 m					Pleasure craft Visitors berths available

Harbour services

- manoeuvring and berthing assistance
- tugs
- waste disposal facilities
 - oily residuals
 - ships sewage
 - garbage
- ships supplies and bunker facilities
- repair facilities
- dock and slipways

Name Dock/ Slipway	Maximum size of facility				Maximum size of vessel			
	Length	Beam	Depth	Tonnage	Length	Beam	Draught	Tonnage
Floating dock Neptun Industrie	230 m	37,2 m		23 000 t				

- other facilities
 - deratting
 - deratting certificates

C 2.4.2 Warnemünde to Darßer Ort

Approaches see also C 2.4.1

Route planning

- recommendation
 - crossing power cable between Gedser Odde and a position 1.5 nm E of Rostock-Warnemünde entrance
 - crossing the cable preferably at right angles
 - switch off the magnetic compass autopilot

Shipping restrictions

Nature reserve see also Chapter A 3.3

- national park Vorpommersche Boddenlandschaft
- coast between Ahrenshoop and Darßer Ort

Natural conditions

Water level

- during NE Winds increasing up to 2.5 m
- during SW Winds decreasing up to 1.6 m

Current

- follows wind direction along the coast
- E to NE current or W to SW current dominate
- during calm wind conditions
 - after W or NW storms E drift towards the coast possible

Magnetic variations

- in vicinity of the power cable between Gedser Odde and a position 1.5 nm E of Rostock-Warnemünde entrance up to 70°

Ports

Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Lengt h	Beam	Draught	Tonnage	
Graal-Müritz (54° 15,5' N 012° 14,5' E)							
Promenade pier							Passengers
Wustrow (54° 21' N 012° 23' E)							
Promenade pier							Passengers