

# Baltic Sea Handbook Part 3

**Section C2**

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Sample Print Output for  
**Jeppesen Marine**

**Bundesamt für Seeschifffahrt  
und Hydrographie  
Pilot Study**

Version 2



BUNDESAMT FÜR  
SEESCHIFFFAHRT  
UND  
HYDROGRAPHIE

Not for navigation

 **JEPPESSEN<sup>®</sup>**  
*Marine*

## C.2 Mecklenburger Bucht

### C 2.1 Fehmarn to Travemünde

#### C 2.1.1 Fehmarn to Neustädter Bucht

##### Approaches

##### Landmarks

See figure



(2006)

Figure C 2.1.1: Lighthouse Dahmeshöved from SE

##### Shipping Restrictions

##### Military Exercises

See Section A 1.6

##### Fishing

See also Section A 1.4

Trawling operations: outside the 20 m. depth contour up to 1.5 nm distance from the coast; from 01 November to 30 April

##### Natural Conditions

##### Currents

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 actual water depth

**Entrance to Großenbroder Binnensee**

Dimensions of Fairway  
 water depth 4.5 m to 6.7 m

Limits on size of vessel  
 maximum length 24 m; maximum beam 12 m;

Restrictions  
 after silting correction of fairways and buoyage at short notice

Regulations  
 speed limit 6 kn.

**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
			Length	Beam	Draught	Tonnage	
Großenbroder Binnensee (54° 21' N 011° 04' E)							
Yachthafen Klemens		to 6 m					Pleasure craft 200 berths 10 visitor berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Großenbrode Yachthäfen		2.5 m					Pleasure craft 400 berths Visitor berths available
Wassersportzentrum		2.5 m					Pleasure craft Visitor berths available
Grömitz (54° 08' N 010° 57' E)							
Yachthafen		2 m to 3 m					Pleasure craft 780 berths 18 visitor berths From 30 April to 31 October

### C 2.1.2 Neustädter Bucht

#### Approaches

#### Landmarks

See figure



(2006)

Figure C 2.1.2: Tower E of Pelzerhaken from S

#### Shipping Restrictions

#### Military Exercises

See also Section A 1.6

SE of Neustadt

Submarine exercise area

#### Fishing

See Section C 2.1.1

## Natural Conditions

### Currents

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

### Ice

See section C 2.1.1

## 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

water depth 7.3 m

### Harbour fairway Neustadt -Wiek

Dimensions of Fairway

water depth 5.4 m least depth known

Regulations

outbound vessels of 30 m length and more have right of way against inbound vessels

speed limit

between buoy 12/Wiek 1 and Ancora Marina entry 3 kn

### Main harbour fairway Neustadt

Dimensions of Fairway

water depth 4.0 m 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**

<b>Anchorage Position</b>	<b>Water Depth Ground</b>	<b>Characteristics</b>
W of dredged channel Neustadt Church bearing in centre of harbour entrance Neustadt	5 m to 7 m; sand; stone	

**Port**

## Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	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 Visitor berths available
Ancora Marina		4 m					Pleasure craft 1400 berths

## Harbour Services

Waste disposal facilities

oily wastes; garbage

Ships supplies and bunker facilities

fuel; other supplies

Repair facilities

unspecified repairs

**C 2.1.3 Neustädter Bucht to Travemünde****Shipping Restrictions**

See section C 2.1.2

**Natural Conditions**

See section C 2.1.2

**Niendorf (53° 59' N 010° 49' E)****Fairway**

Approach fairway

Dimensions of Fairway

water depth 3 m

Restrictions

fairways 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
			Length	Beam	Draught	Tonnage	
Niendorf							
Fishing Harbour		to 3 m					Fishery
Jetty N part							Local traffic
Private boat harbours on both sides of the entrance location		to 3 m					Pleasure craft
Yacht harbour, shipyard							Pleasure craft; Shipyard

**Harbour Services**

Waste disposal facilities

oily wastes; garbage

Ships supplies and bunker facilities

fuel; other supplies

## **C.2.2 Travemünde and Lübeck**

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

#### **Approaches**

##### Route Planning

###### Recommendations

- 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

- 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**

##### Currents

- 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 Travë

#### Station

VTS Travemünde

#### Continuous listening watch

all vessels on VHF channel of Travë 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

All vessels must report as follows

- when passing reporting point

#### Service

traffic permission  
traffic information

### Pilotage

#### Pilot District

Travemünde

#### 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 Requests

- 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

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 m<sup>2</sup> 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  
water depth 10 m maintained depth

**Trave to S of Siechenbucht**

Dimensions of Fairway  
water depth 10 m maintained depth

**Trave to Lübeck (km 6.9)**

Dimensions of Fairway  
water depth 9.5 m maintained depth

**Herreninsel passage at Siems**

Dimensions of Fairway  
width 52.9 m

Regulations  
passage interdiction  
before passing contact VTS Travemünde

**Signals****Traffic Signals**

Not yet implemented.

**Flood Warning**

Not yet implemented.

**Tide Gauge**

Not yet implemented.

**Anchorage**

<b>Anchorage Position</b>	<b>Water Depth Ground</b>	<b>Characteristics</b>
Nordermole in approx. 211°, 2 nm	17 m sand; stiff mud; clay;	

**Port****Berths**

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Travemünde							
Trave, N- and W-part							
Ostpreußenkai	200 m	to 9 m					Local traffic

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Prinzen-, Kaiser- and Überseebrücke	120 m	5 m to 8 m					
Nordermole Dalbenreihe							Pleasure craft
Überseebrücke Jetty Jachtklub							Pleasure craft
Siechenbucht S of Fisc- hereihafen Dalbenreihe		7 m to 10 m					Waiting place for large vessels
Fischereihafenbrücke		7 m					Fishery; Pleasure craft
Marina Baltica							Pleasure craft
Jetty Böbs-Werft							Pleasure craft
Skandinavienkai 8 ferry berths	1850 m	8.5 m to 9.5 m					Ro-Ro
Trave, S- and E-part							
Kohlenhofkai	165 m						
Passathafen		3 m to 6 m					Pleasure craft Visitor berths available
Rosenhof-Yachthafen		3 m to 6 m					Pleasure craft 100 berths Visitor berths available

### Harbour Services

Manoeuvring and berthing assistance  
harbour tug

Waste disposal facilities  
oily wastes; sewage; garbage

Ships supplies and bunker facilities  
fuel; other supplies

### 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 Fairway  
water 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

### 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

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

limits on size of vessel

maximum beam 9 m; maximum draft 4 m;

opening time/order to open

Days: 7 days a week; Time: From 1200 h

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

## Signals

### Signals of Vessels

Not yet implemented.

### Traffic Signals

Not yet implemented.

## Tide Gauge

Not yet implemented.

## Bridge Signals

Not yet implemented.

## Port

## Berths

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	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 m to 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		8 m					
Seelandkai, Berth 2		8.5 m					
Seelandkai, Berth 3		9.5 m					
Lehmannkai I	295 m	7.5 m to 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 m to 3 m					Pleasure craft
Lübeck, Bad Schwartau (Petroleumhafen and Toter Travearm)							
various Boat harbours and Marinas		2 m to 4 m					Pleasure craft
Lübeck, Stadthäfen							
Vorwerker Port							

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Silokai	225 m	9 m					Grain
Nordlandkai	1100 m	8.7 m to 9.5 m					Ro-Ro
Konstinkai							
Umschlaghafen	1100 m	8 m to 10 m					Ro-Ro; Bulk Forest products
Lübecker Lagerhaus	200 m	6.5 m					Bulk
Burgtorhafen							
Burgtorkai	750 m	8 m to 10 m					Bulk; Passengers
Wallhafen							
Wallhafen	1500 m	6.6 m to 8 m					Forest products
Hansahafen							
Pier	1150 m	6 m to 8 m					Passengers Waiting berths
Hansa-Marina	1150 m	6 m	20 m				Pleasure craft Visitor berths available
E part		6 m					Pleasure craft Short term berths
Klughafen							
Klughafen		3 m					Waiting berths for inland traffic
Holstenhafen							
Quay		3 m to 6 m					Pleasure craft

### Harbour Services

Manoeuvring and berthing assistance  
harbour tug

Waste disposal facilities  
oily wastes; sewage; garbage

Ships supplies and bunker facilities  
fuel; other supplies

Repair facilities  
unspecified repairs

## **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 peninsula

#### **Natural Conditions**

##### **Currents**

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**

oil, gas- and chemical tankers according to § 30 (1) SeeSchStrO  
all vessels and towed and pushed units of 6 m beam or more

##### **Reports**

All vessels must report as follows

- 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 Flaggtief
- departure
  - immediately before leaving berth

#### Service

traffic permission  
traffic information

### Pilotage

#### Pilot District

area between Wismar port and outer pilot boarding places

#### 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

#### Pilot Requests

- 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

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  
water depth 9.5 m maintained depth

##### Restrictions

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

water depth 5 m maintained depth

**Flaggtief (side fairway)****Dimensions of Fairway**

water depth 4 m maintained depth

**Anchorage****Rules and regulations****Regulations**

announcement of WSD Nord for using inner road for bunkering vessels carrying dangerous or polluting goods

<b>Anchorage Position</b>	<b>Water Depth Ground</b>	<b>Characteristics</b>
Wismar Outer roadstead 54° 06' N 011° 23' E	11 m to 17 m; sand; stone	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 m to 9 m; (Seabed information not available)	good holding ground
Inner road 54° 59' N 011° 21' E	6 m to 9 m; sand; stiff mud;	

**Port****Berths**

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Timmendorf (54° 00' N 011° 23' E)							
Fishery and Pilot harbour		to 3 m					Fishery; Pleasure craft 60 visitor berths rescue station with life- boat pilot vessels
Kirchdorf (54° 00' N 011° 26' E)							
Marina		to 3 m					Fishery; Pleasure craft 30 berths Local traffic
Niendorf / Poel (54° 00' N 011° 27' E)							

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Marina		to 3 m					Pleasure craft 50 berths
Tarnowitz (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

### C 2.3.2 Wismar

#### Approaches

See also section C 2.3.1

#### Landmarks



Figure C 2.3.2: Wismar Port

#### Shipping Restrictions

##### Nature Reserve

around Walfisch island  
Fauler See (S part of Poel)  
Langenwerder  
Tarnewitzer Huk

#### Vessel Traffic Service

See section C 2.3.1

**Pilotage**

See section C 2.3.1

**Fairway**

See section 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 section C 2.3.1

**Port****Rules and Regulations**

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
			Length	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							

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
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 visitor berths
small craft berth							Pleasure craft Visitor berths on request
Westhafen							
pleasure craft service							Pleasure craft 35 berths

### Harbour Services

Manoeuvring and berthing assistance

harbour tug

Waste disposal facilities

oily wastes; sewage; garbage

Ships supplies and bunker facilities

fuel; other supplies

Repair facilities

unspecified repairs

Other services

de-ratting; SSCC

## C 2.3.3 Wismarbucht bis 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 seaweed

**Port****Berths**

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Rerik (54° 06' N 011° 37' E)							
Pontoons at Salzhaff		1 m to 2 m					Fishery; Pleasure craft 20 visitor berths
Kühlungsborn (54° 09' N 011° 46' E)							
Promenade pier							Passengers
Port	130 m	3.5 m	18 m				Fishery; Passengers; Pleasure craft 100 visitor berths rescue station with life- boat Vessel length restriction is for recreation craft
Heiligendamm (54° 08.7' N 011° 50.6' E)							
Promenade pier							Passengers

## C 2.4 Warnemünde to Darßer Ort

### C 2.4.1 Rostock

#### Approaches

##### Routeing

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

##### Route Planning

##### Recommendations

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 figure



(2006)



(2006)

Figure C 2.4.1.a: Warnemünde with Seekanal and Überseehafen      Figure C 2.4.1.b: Warnemünde, Westmole and Leuchtturm and Hotel „Neptun“



(2006)

Figure C 2.4.1.c: Warnemünde, Ostmole and VTS Centre Warnemünde

## **Shipping Restrictions**

### **Military Exercises**

See section A 1.6

### **Fishing**

See section A 1.4

fish farm N of Nienhagen; entry prohibited from January to December

## **Natural Conditions**

### **Currents**

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**

VTSCentre 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**

All vessels must report as follows

- 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 District

Warnemünde

##### 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 Requests

- approaching  
at least 3 h before arriving outer pilot boarding place
- departing, short haul or shifting  
at least 3 hours before departure  
if departure is scheduled between 19:00 and 07:00 by 17:00

##### Pilot Boards

Approaching, with draught 11.58 m or more: W of buoys Rostock and buoy 1  
Approaching, with draught 6.5 m or more: W of buoys 5 and 7  
Approaching, 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  
Departing, up to 10.66 m draught: between buoys 8 and 6  
Departing, 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

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

## Harbour Entrance

Limits on size of vessel

maximum length 295 m; maximum beam 45 m; maximum draft 13 m;

## Seekanal to LP 60

Natural Conditions

current across river Warnow entrance

Dimensions of Fairway

water depth 14.5 m maintained depth

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

Speed: 4 kn. outgoing current

Dimensions of Fairway

to Marienehe

water depth 8 m maintained depth

to LP 83 Haedgehalbinsel

water depth 6.5 m maintained depth

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

### Rules and Regulations

Regulations

announcement of WSD Nord for using W part of roadstead for bunkering

vessels carrying dangerous or polluting goods  
cargo operations

<b>Anchorage Position</b>	<b>Water Depth Ground</b>	<b>Characteristics</b>
Rostock roadstead 54° 13' N 011° 58' E	14 m to 18 m; sand; clay	unsafe during strong onshore winds

## Port

### Rules and Regulations

#### Regulations

compulsory tug assistance

vessels of 90 m length or more

1 tug boat for areas Marinehafen, Stadthafen, Fischereihafen, MAB, Müsingkai and MAGEB

vessels of 100 m length or more

1 tug boat for areas Passagierkai Warnemünde and Überseehafen including Ölhafen and Chemiehafen

vessels of 160 m length or more

2 tugs for all harbour areas

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
			Length	Beam	Draught	Tonnage	
Rostock							
Rostock-Warnemünde							
Alter Strom		to 3.1 m	28.6 m		3.1 m		Fishery; Pleasure craft Rescue Boat; Visitor 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 visitor berths
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

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
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		General cargo; lay up vessels berth Training area LP 8
Metallaufbereitung							
4 LP					5.79 m		Bulk
Rostock Stadthafen							
LP pontoons					6.4 m		Pleasure craft
Stadthafen West		5 m					Pleasure craft depths approximate
Stadthafen West Steganlage							Pleasure craft 140 berths
Haedgehafen		3.5 m					Pleasure craft Visitor berths in S part
Stadthafen Ost		5 m					Pleasure craft depths approximate
Schnatermann							
Jetty		to 2.5 m					Pleasure craft
Schmarl Nord							
Jetty		3 m to 4 m					Pleasure craft 196 berths
Bramow							
Marina		5 m					Pleasure craft 100 berths depths approx.
Langenort							
Marina		2 m to 3 m					Pleasure craft 30 visitor berths
Gehlsdorf							
Neptun Marina		5 m to 7 m					Pleasure craft 70 berths
Gehlsdorf Nord Private marina		to 3 m					Pleasure craft

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	Beam	Draught	Tonnage	
Gehlsdorf Süd Private marina		to 2 m					Pleasure craft Visitor berths available

### Harbour Services

Manoeuvring and berthing assistance  
harbour tug

Waste disposal facilities  
garbage

Ships supplies and bunker facilities  
fuel; other supplies

Repair facilities  
docks 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		23000 t				

Other services  
de-ratting; SSCC

## C 2.4.2 Warnemünde bis Darßer Ort

### Approaches

See also section C 2.4.1

### Route Planning

Recommendations  
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  
Vorpommersche Boddenlandschaft  
coast between Ahrenshoop and Darßer Ort

### Natural Conditions

#### Currents

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

**Water Level**

during NE Winds increasing up to 2.5 m  
during SW Winds decreasing 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°

**Port****Berths**

Port/ Berth Position	Quay length	Water depth	Maximum size of vessel				Characteristics
			Length	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