

**PD TEESPORT LIMITED**

**WEEKLY NAVIGATIONAL BULLETIN NO.21**

**FOR THE RIVER TEES, HARTLEPOOL AND TEES BAY**

**Issued by the Harbour Master on 07 October 2024**

**PD TEESPORT LIMITED - DREDGING, SURVEY AND BUOY- MAINTENANCE CRAFT**

These craft work as and when required anywhere in the harbour; up-to-date information on their positions and intentions is available at all times from "Tees VTS".

**CURRENT DRAFT FORMULAE**

The "Current Working Draft Formulae" are based on the actual depths as shown on the latest berth and channel sounding charts available and should be used in establishing drafts/times of entry in the short term i.e. **ONLY** up to a day or two ahead.

The "Draft Formulae for Planning Purposes" are based as above, but limited by tolerance depths where applicable and these **MUST** be used in establishing drafts for longer term planning, chartering etc.

In either case, the formulae quoted provide for minimum static underkeel clearance:

**River Tees:** 2.3m the Sea Reach and 0.9m in the River Channel and for berthing, except those berths marked\*, where clearance is 0.5m for berthing, berths marked \*\*, where a clearance of 1.5m applies in respect of ships over 122m OAL, and berths marked \*\*\* where a clearance of 1.5m applies for berthing.

**Hartlepool:** Underkeel clearance dependent on beam of ship.

**NB:** For Redcar Bulk Terminal and ConocoPhillips vessels, the maximum permissible draught is based on high water height and the above underkeel clearances. The time required to undertake the passage means that the underkeel clearance may be less than stated above at some stages of the passage. Typically, for an inward Redcar Bulk Terminal vessel, she enters the Sea Reach 1½ hours before high water, when the underkeel clearance can be 1.9m and enters the River Channel 1 hour before high water, when the underkeel clearance can be 0.7m. Masters and Pilots are advised to include this consideration in their passage plan, particularly during periods of moderate or heavy swell.

The Duty Assistant Harbour Master is to be consulted in all instances of heavily drafted vessels and those cases where approaching a berth from a particular direction may allow a deeper draft without impinging on the above minimum underkeel clearance.

In formulating a vessel's passage plan, Masters/Pilots should take into consideration areas of shoaling within the navigable channel, as:

1. **North Channel Line**

Between Port Clarence Riverside Berth and Port Clarence West Quay, where depths of less than 4.6 m extend up to 15 metres into the channel.

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2. **South Channel Line**

The channel is maintained and sounded only to point 100 metres upriver of Exolum Riverside Terminal (marked by dredge limit buoys).

**OBSTRUCTIONS**

None.

**NAVIGATIONAL AIDS**

Tees Approach Buoy AIS No.10	-	Inoperative
SC No.9 Buoy	-	Out of Position
SC No.8 Buoy	-	Extinguished
Philips Approach Buoy	-	Extinguished
Riverside Ro/Ro	-	Extinguished
	-	Light Character Incorrect

**ADDITIONAL INFORMATION**

1. **Able Seaton Port Basin**

The draft formulae quoted on the attached sheets (where appropriate) for the Seaton Holding Basin apply only to the approaches to the basin; information about the depths on the various berths should be obtained from the berth operator. As guidance, berth depths have been added for Able Seaton Port Berths 1, 10, 11 and 6 in consultation with the berth operator.

2. **Port of Middlesbrough No.1 Berth**

The minimum depth quoted on the attached sheets (where appropriate) for Port of Middlesbrough No.1 apply only from the upriver quay edge of the berth downriver. Any vessels wishing to overhang the upriver quay edge of the berth are by exception and consultation must be sought. The draft formula quoted provides for a maximum size vessel of 200m x 24m.

3. **Dry-Docks**

The draft formulae quoted for A & P and UK Docks take into account the minimum depth on the approaches, including the dry-dock cut (sill height has been excluded in this calculation). A UKC of 0.5m has been applied. The sill height for each dry-dock is published in the Current Minimum Berth Depths sheet.

4. **North Tees "A" Jetty**

A speed limit of 8kts has been introduced for all vessels passing North Tees "A" Jetty when a vessel is berthed alongside.

**HARBOUR MASTER**





**PD TEESPORT LIMITED**

**HARBOUR MASTER'S OFFICE**

**CURRENT MINIMUM BERTH DEPTHS**

The depths shown are the minimum that may be expected on a berth. Masters and Agents should note that deeper water may be available given the vessel's position. Advice may be sought from Tees VTS

Date: 07/10/2024 12:25

**RIVER TEES - SOUTH SIDE**

**RIVER TEES - NORTH SIDE**

Port of Middlesbrough Berth 1	7.4	m + flow	Exolum Riverside Jetty	3.3	m + flow
Port of Middlesbrough Berth 2	6.7	"	Billingham Reach Wharf**	-0.6	"
Port of Middlesbrough Berth 3	3.7	"	Able Billingham Reach**	2.0	"
Port of Middlesbrough Berth 4	2.7	"	Bamlett's Wharf*	3.3	"
Able Vulcan Quay*	0.6	"	TAG Loadout Quay*	0.0	"
Able Central Quay*	1.3	"	H Hill Basin - West*	2.2	"
Able Dock Point Quay*	2.2	"	H Hill Basin - East*	4.2	"
Able Bex Quay	5.1	"	Gibson Quay*	2.0	"
			Port Clarence West Quay*	4.2	"
Cochranes Wharf*	0.0	"			
Tarmac Cochranes Wharf*	4.0	"	Port Clarence Riverside*	3.2	"
Normanby Wharf	2.6	"	Port Clarence Inset Berth*	4.7	"
			Clarence Wharf	3.5	"
Cargo Fleet Wharf (TCP)	3.4	"			
West Quay (Teesport Commerce Park)	3.8	"	N Tees "A" Jetty	6.5	"
East Quay (Teesport Commerce Park)	3.6	"	N Tees No 2 Jetty	9.7	"
Heavy Lift Quay (TCP)	6.9	"	N Tees No 3 Jetty	10.0	"
UK Docks No 1 Drydock (sill)	2.4	"	N Tees No 4 Jetty	11.6	"
UK Docks No 2 Drydock (sill)	2.4	"			
UK Docks Frontage	3.9	"	Ineos No 1 Jetty	5.9	"
A & P Tees Frontage - West	5.6	"	Ineos No2 Jetty	6.2	"
A & P Tees No 2 Drydock (sill)	0.6	"			
A & P Tees No 1 Drydock (sill)	2.4	"	Navigator No 1 Jetty	6.1	"
A & P Tees Frontage - East	4.1	"	Navigator No 2 Jetty	8.4	"
			Navigator No 3 Jetty	7.3	"
Steel River Quay	13.7	"			
			Exolum Seal Sands 2 Jetty	7.1	"
			Exolum Seal Sands 1 Jetty	8.7	"
			ConocoPhillips No 1 Jetty	15.4	"
			ConocoPhillips No 2 Jetty	15.4	"
<b><u>TEESPORT OIL JETTIES</u></b>			ConocoPhillips No 8 Jetty	8.7	"
Arthur Taylor Jetty	5.9	"	ConocoPhillips No 7 Jetty	8.5	"
West Byng Jetty	7.4	"	ConocoPhillips No 6 Jetty	8.9	"
QE2 Jetty	6.3	"	ConocoPhillips No 3 Jetty	12.5	"
			ConocoPhillips No 4 Jetty	15.4	"
			ConocoPhillips No 5 Jetty	15.0	"
<b><u>TEES DOCK BERTHS</u></b>					
No 1 Berth	13.8	"			
No 2 Berth	13.1	"	Able Seaton Port Basin Nos 2-9	4.5	"
No 3 Berth	13.6	"	Able Seaton Port Basin No 1 Berth	7.3	"
No 2 RoRo/No 5	8.4	"	Able Seaton Port Basin No 6 Berth	4.3	"
No 1 RoRo	7.2	"	Able Seaton Port Basin No 10 Berth	9.9	"
No 6 Berth	9.7	"	Able Seaton Port Basin No 11 Berth	9.6	"
No 7 Berth	9.4	"			
Potash Terminal	10.4	"			
			<b><u>HARTLEPOOL</u></b>		
			Britannia Quay	2.9	"
Tees Dock No 8	7.2	"	Victoria Quay	6.3	"
Tees Dock No 9	6.1	"	Deepwater Berth	7.4	"
Tees Dock No 10 Jetty	11.3	"	Irvine's Quay - Inner	7.1	"
Riverside RoRo Berth	7.8	"	Irvine's Quay - Outer	6.1	"
NWA R.S.T.C. berth	1.1	"	North Basin - North Side	1.8	"
Redcar Bulk Terminal	14.3	"	North Basin - South Side	1.4	"