Who benefits?

Brokers

Brokers can use Avanti to get information on suitable berths as soon as they receive a vessel order from a cargo owner.

Trading partners

With easily available, accurate and reliable information, unnecessarily large safety margins for drafts can be avoided. Avanti helps trading partners to reduce costs and accelerate product access to the market.

Masters of vessels

Most accidents happen between the pilot station and the berth. Avanti provides Masters with the information to comply with IMO requirements for berth to berth passage planning in the interests of improved safety.

Harbour masters

A reliable port starts with reliable information. Avanti provides a professional interface for communicating information to port users improving the port's image and reducing the time spent answering requests for information.

Publishers of nautical information

As the number of digital publications continues to rise, Avanti will provide a one-stop shop for up-to-date information provided by the experts who know their ports, the harbour masters.

Port Information Guide Approach Admission policies Depths ADMIRALTY

Would you like further information?

Website: https://Avanti.envitia.com

Contact details for information and support: **UKHO: Christine Trickett,** Christine.Trickett@ukho.gov.uk

IHMA: Ben van Scherpenzeel, Scherpenzeel.ehmc@harbourmaster.org





ACCESS TO VALIDATED NAUTICAL INFORMATION



Avanti helps harbour masters to manage their nautical port information so that it is accessible to port users improving the safety and efficiency of shipping. Ports add their information to Avanti and can easily update this information through

to the port community, the port's trading partners and hydrographic offices.

Why has Avanti been developed?

Why should a port's most important customers, the cargo or ship owners, collect nautical port information themselves? Why doesn't the port make this information easily available to customers?

Association developed in collaboration with the United Kingdom Hydrographic Office.

The marine industry and hydrographic offices often struggle to collect information and depend on representatives to visit ports and terminals, or through captains' reports after a port call. Despite these efforts information can go out of date very quickly.



At the same time, harbour masters must respond to requests for nautical port information, often about areas of frequent change, and can find it difficult to update port information quickly and consistently.

As a result the various parties dealing with a single vessel may be using different information for loading, discharging, sailing and assistance. This can affect efficiency and safety.

Avanti solves these problems by making the updates to port information easy for harbour masters and accessible for port users. Reliable nautical port information is the foundation of an efficient port resulting in both economic and environmental benefits.

Why not use a Port's website?

No two port websites present their entry information in the same way. The interpretation of nautical terms and units of measurement can vary and may lead to misunderstanding. This lack of consistent presentation makes finding port information a time consuming and expensive activity for port users.



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Pag58.jpg	51*53'.2N 004*20'.8E	
Photo 058.jpg	Dredging regime	
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Position	The fairway and berth depths are monitored by regular soundings and maintained by dredging when necessary.	
Dredging regime Controlling depth	Maintained by the port authority.	
Safe horizontal clearance	<u>Controlling depth</u>	
Date of introduction	Safe horizontal clearance	
Date of removal		
Tidal range mean	Date of introduction	
Tidal range minimum Tidal range maximum	Date of removal	
Water density mean	<u>Tidal range mean</u>	
Water density minimum		
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Avanti avoids these problems by using internationally accepted definitions and units of measurement in a clear and easily navigated format.

How does Avanti work?

By securely accessing their port's information on the Avanti website, harbour masters can speedily update information about their port making it instantly accessible to the marine industry and port community.

Harbour masters can use Avanti free of charge and have the confidence of knowing that they are in control of information about their port's access through a website that has been developed by an internationally respected organization.

Project agenda 2014:

- Testing of 4 ports
- Discuss incentive for updates
- Discuss glossary
- Discuss minimum required data
- Ensure international recognition