SeaWays Training Academy (UK)

‘Effective Use of ASD Tugs’

Course: Effective Use of ASD’s for Pilots

Course description: This is a simulator based course over 3, 4 or 5 days depending on client’s own specifications and choice.

Simulators: 360 degree full mission TUGSIM, 220 full mission bridge sim, 180 degree LED tug sub-station.

The STA course is very structured and refined to a defined standard that is non-subjectively assessed. The course is 1 day classroom training either two or four days simulator based exercises, utilising two tug masters on tug simulators and full mission bridge for Pilots. Tugmasters can be supplied or clients can bring their local Tugmasters for team building exercises.

Time allocation for the program will be:

Day 1 – Theory.

A slideshow presentation and discussion will be conducted in the classroom. Highlighted features will include, design of ASD’s, towage techniques, effective bollard pull, speed and stability, standard pilot orders for ASD’s, tug engine failure during a move and effects due to reduced bollard pull and towline angle forces on ships leads (diagram below) and much more relevant to their uses.

This theory session has been presented to over (how many) Pilots in ports such as?

Duration 6 hours. Run through of simulators and morning exercise to get familiarised with equipment.
Day 2 – Practical exercises, utilising all three simulators.

Because of the advanced software we are able to replicate actual operational scenarios to a high and realistic standard. Exercises will be conducted in clear and calm conditions with no faults to machinery, this is designed for the pilot to concentrate more on establishing a full understanding of the effective use of the tugs along with the increased bollard pull and standard communication orders to the tug master. It is important that operational procedures are geared to the lowest common denominator accepted in the system under the worst acceptable operating parameters. It cannot be set to our best pilots and tug masters on a nice sunny calm day when all is going to plan. Duration 8 hours.
Day 3 – Practical exercises with machinery breakdowns and variable weather conditions.

Today’s exercises will be all about the “What If's” exercises to include – Main ship rudder lock, engine failure, wind on and off the berth, tug engine failure and towlines parting. All exercises designed to build confidence in effective use due to limitations during live moves. Duration 8 hours.

Day 4 & 5 – Will involve type specific exercises as arranged by client prior to course.

Course includes: 3, 4 or 5 days in Training Academy, lunches each day, coffees & soft drinks.

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Training times: Training will normally commence at 08:30 daily and complete at 17:00. A varied lunch is made available from 12:00 daily. This can be arranged to meet your specific ethnic dietary requirements (please advise). Fruit, water, tea and coffee are available at all times during training. There is free WIFI at the Seaways Training Academy for use in breaks.

SeaWays Trainer: Capt. Steve Sandy is a fully trained and accredited SeaWays Training Master with Serco Ltd and is their National Training Manager with direct responsibility for internal marine training. He has had extensive experience in operating VOITH and Z-peller tugs.

Telephone: +44 7963 077080

Locations: The simulator training will be conducted at the Training Centre sited in Portsmouth, UK at the premises of Transas Marine Ltd (address shown above).
Portsmouth – population 207,000
Portsmouth is a city and a seaport lying on the south coast of England with a Royal Naval Dockyard and port that incorporates a ship repair and refit facility. The port has a busy cross channel ferry RORO terminal to France and has a small commercial port. Local ferry traffic connects the port with the nearby Isle of Wight. Portsmouth and Southsea have a wealth of maritime historical sites that include the famous VICTORY (Nelson’s Flagship), WARRIOR and the MARY ROSE (recovered wreck of a Tudor warship). The ‘Gunwharf’ retail area has a wide range of store and restaurants.

Accommodation:  Suggested hotels:

**Hilton Portsmouth**  
Eastern Road  
Farlington  
PORTSMOUTH  
PO6 1UN  
Tele: 44 23 9221911

**Inn Lodge Portsmouth**  
Burrfields Rd  
Portsmouth  
PO3 5HH  
Tel: 44 (0) 23 9265 0510

**Hilton** £90/night WIFI extra:  
**Inn Lodge** £65 night with Free WIFI

Also consider:

**Royal Maritime Club***  
Queen Street  
PORTSMOUTH  
PO1 3HS.  
(NB: 10 miles from STC – centre of Portsmouth)

**The Langstone Hotel****  
Northney Road  
Hayling Island  
PORTSMOUTH  
PO 11 0NQ  
(15 mins by car from STA – great facilities but out of city)

Heath and safety:  Whist in the Training Centre and simulator hand hygiene is important to prevent the spreading of infections. Please use the hand sanitizers provided at all times.

The Training Centre is air-conditioned.

There is a non-smoking policy throughout the UK, which makes it illegal to smoke inside any building. Smokers are required to stand outside the Training Academy in a designated area.

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