

Tractor Tugs for Tug Masters and Mates

COURSE DESCRIPTION

The goal of this three-day course for tug masters and mates is to help develop tug-handling skills on what are known as tractor tugs. The course begins with an introduction to tractor tugs and proceeds through practical exercises performed on a simulator, with at least half the course time spent on the simulator. Course participants will gain a firm understanding of the tug capabilities and limitations of Voith-Schnieder Propulsion; Azimuthing Bow Driven Tugs; Azimuthing Stern Driven Tugs and Combi-tugs.

The course is designed around major ship maneuvering evolutions where tugs are employed such ship escort and docking. The course can be tailored to specific tug company operations and ports



COURSE SCHEDULE

	Day 1	Day 2	Day 3
Morning	Introduction to non - conventional tug types	Environmental Effects on Tug Handling	Tug Capabilities and Limitations (Azimuthing Stern Driven Tugs)
		Tug Capabilities and Limitations (Voith-Schnieder)	Tug Capabilities and Limitations (Combi-tugs)
	Tug Placement Theory	Tug Capabilities and Limitations (Azimuthing Bow Driven Tugs)	Tug Capabilities and Limitations (Tug Interaction)
	Lunch	Lunch	Lunch
Afternoon	Simulation & Debrief	Simulation & Debrief	Simulation & Debrief
			Course Review/ Critique

COURSE REQUIRMENTS

This course is for Tug Masters and Mates experienced on conventional tugs who are transitioning to tractor tugs.

An end of course evaluation will document student performance in meeting the objectives of the course.



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