Operation: Small Boat Coming Alongside a Vessel

Worksheet

Watch the evolution of a small boat coming alongside the vessel from the points of view of: from the bridge, from the small boat, and from the bow. Pay attention to the various steps which are discussed throughout the different parts of the evolution. Also pay attention to the safety concerns which are discussed. While watching and interacting with these videos, fill out the worksheet below.

From the Bridge Point of View

1. What communications are discussed between the Bridge of the vessel and the Small Boat?
2. Why does the Small Boat request permission to come alongside?
3. What is the optimal course for the vessel to come to so that it provides the safest ride for the Small Boat?
4. Why must the Vessel maintain Course and Speed? At what point can they alter course?
5. List the steps followed by the Bridge

From the Point of View of the Small Boat

1. At what angle is the best approach for the Small Boat when coming alongside the Vessel?
2. What interaction does the wake have upon the Small Boat as it comes alongside?
3. What is “Suction” and why must a Small Boat be aware of this as it gets close to the side of the vessel?
4. Why must the Small Boat slowly lower it’s speed when it has attached the painter to the bow?
5. What is the painter and what does it accomplish?
6. When departing from the side of the vessel, what is major safety concern in regards to “suction” and the wake?
7. List the steps followed by the Small Boat

From the Point of View of the Bow

1. What does the term “Figure Eighting” mean?
2. What does the term “Take a Round Tern” mean?
3. What does the term “Hold the line” mean?
4. What does the term “Serge the line” mean?
5. What safety concerns must be considered while handling lines?
6. What is the most dangerous aspect of handling a line when dealing with a Small Boat coming alongside?
7. List the steps followed by the Bow