Shiphandling Simulator

*New in the Integrated Training Phase*

TACTICAL TRAINING GROUP ATLANTIC
Shiphandling Simulator

Outline

• Background
• ENTERPRISE CSG Inaugural Event
• Way ahead
Background

• Shiphandling simulators installed in each home port 2005-2006
• Norfolk/San Diego multiple bridges within complex; linkable
  • Multi-ship events (linked) never before conducted

• Historically operated by SURFOR contractors for basic phase/unit
  – Funding oversight by SURFOR
  – Single ship scenarios
    • Pier work, harbor navigation, UNREP approaches
  – Ships get 60 hours a year; few ships use it all
ENTERPRISE CSG

11 Oct 2011

• Organized because all ENT CSG ships were in Norfolk
  – VICKSBURG was in town conducting FST-GC
  – Conducted at night after first day of FST-GC (1700-2100)

• Three modules within NSST complex were linked for multi-ship event
  – ENT, VIK and any DDG

• Strait of Hormuz transit of formation
  – Traffic Separation Scheme
  – High speed, night transit
  – Tight formation
  – Lots of shipping; fishing boats; smugglers and patrol boats

• Until now the first time they see this is on deployment
  – No real chokepoint in Treasure Coast scenario

UNCLAS
Schedule of Events

1645 Enterprise Gator briefs track to Navigators/watch teams
1700 Brief to all players
1715 Man up simulators
1730 Start exercise. Objectives were to exercise:
   - VIK manage traffic for the group
   - VIK query response - 2 countries
   - Group response to fast movers
   - Group close maneuvering at night (2000/3000 yards)
   - Group response to propulsion casualty (last event) (not conducted—just too much)
1900 Exercise complete - debrief
1930 Brief ENT Plane Guard procedures/message – simulation (not conducted)
Formation at COMEX
Response to Patrol Boats
ENTERPRISE CSG

- ENT Navigator and NSST staff created accurate scenario
- NSST instructors attended
- Two radio circuits; Navy Red and Bridge-to-Bridge
  - Had to use handheld radio for bridge-to-bridge
- ENT in one module, VIK in one module, DDG in another
- Froze problem to convene and discuss on whiteboard (priceless)
Way Ahead

• Next event is Feb-Mar 2012 for IKE CSG
  – Will also conduct IWO ARG event, not yet planned
• Need to arrange funding for Integrated Training Phase event
  – Currently NSST coupled to SURF TYCOM – Basic/Unit level training
  – Cost of this event approx $1200.00 (4 contractor instructors +)
  ❑ Message to CFFC from CSFTL/TTGL requesting alignment for semi-annual event
• Institutionalize this event package
  ❑ Prepare an event plan for the event
  ❑ Published plan for event and pass to ALCON 30 days before event
  ❑ Prepare a brief for participants when they arrive at the simulator
  ❑ Share ENT CSG event with West Coast
  ❑ Published Proceedings article capturing this event