



# Damage Control TRAINING

Unit 2.07



# Enabling Objectives



- Describe purpose of training exercises & the TYCOM requirement for these exercises.
- Describe purpose/use of training skeds
- Describe role of Planning Board for Training in coordinating shipboard training schedules
- Describe the shipboard training organization
- Explain the responsibilities of DC Personnel as a member of the PB4T



# Enabling Objectives cont'd



- Describe off-ship resources available to conduct DC training and the training methods available to conduct this training
- EXPLAIN the dynamic of the DC training program and the relationship with the Surface Force Continuous Training Program



# REFERENCES



- OPNAVINST 3120.32C
- Standard Organization & Regulations of the U.S.Navy (SORN)
- OPNAVINST 3541.1E
- SURFACE SHIP SURVIVABILITY TRAINING REQUIREMENTS
- **COMNAVSURFORINST 3502.1C**
- Surface Force Training Manual
- Fleet Exercise Publication (FXP-4)
- NSTM 079
- NTTP 3-20.31
- NAVSEA WEB SITE
- <http://www.dcfp.navy.mil>
- CBR WEB SITE
- <https://www.cbrd.navy.mil>
- ATG WEB SITE
- <https://www.atg.surfor.navy.mil>



# FOCUS



- It is easy for forget how important Damage Control (DC) is until an emergency arises & special measures become necessary for the ship to be kept afloat*

**NSTM 079**



# OBJECTIVES



- Ensure Personnel Understand how to take all practical preliminary measures before damage occurs
  - Maintenance
  - Inventory
  - Inspections
  - Administration
  - Distributive Stow
- Ensure Personnel Understand how to minimize & localize damage
  - Isolation
  - Boundaries
  - Stability & Buoyance
  - Decontamination



# OBJECTIVES

## conti.



- Ensure Personnel Understand how to quickly accomplish emergency repairs after the occurrence of damage
  - ❑ Casualty PWR
  - ❑ Manning Essential Equipment
  - ❑ Shipboard & Personnel Decontamination



# TRAINING THE CREW



REALISTIC



REDUNDANCY

PROGRESSIVE





# EDUCATIONAL TOPICS:

## LEVEL OF KNOWLEDGE (LOK)



- a. Individual damage control duties & responsibilities.
- b. Knowledge of the ship's vital systems.
- c. Ship's organization for attaining damage & casualty control objectives.
- d. DC principles, the necessity for them and their applicability to the ship.
- e. Maintaining DC material & equipment in highest degree of operational readiness.
- f. Basic principles of detection, use of detection equipment & means of determining amount and kind of contamination resulting from attack by chemical, biological or radiological (CBR) agents.
- g. Equipment, methods and processes to decontaminate the ship's interior and exterior after a CBR attack.
- h. First aid treatment for all types of casualties.
- i. Ship's inherent resistance to damage and its ability to remain afloat.
- j. Lessons learned from previous damage control experiences.





# NEW SURFACE FORCE TRAINING MANUAL

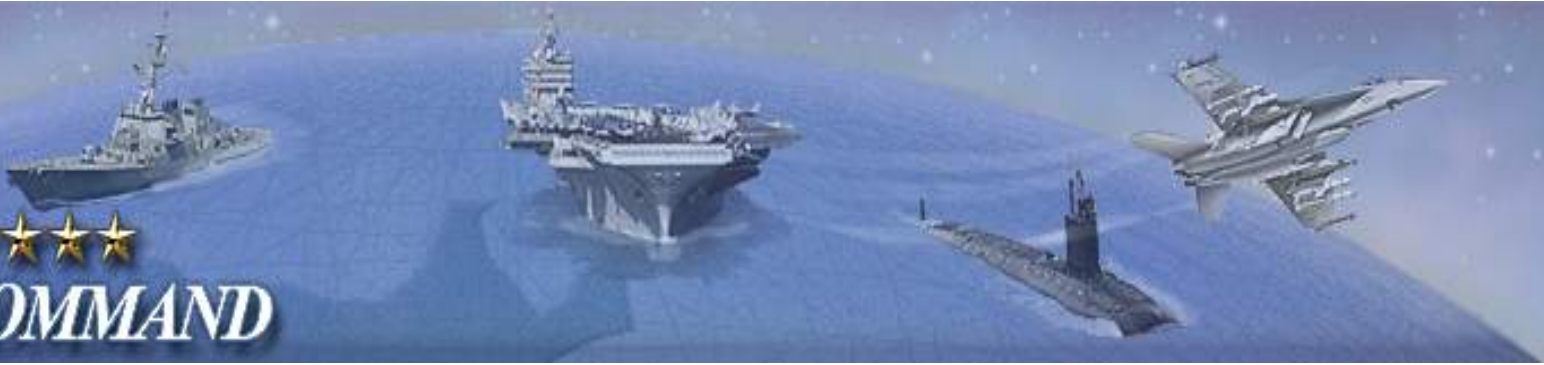




UNITED STATES



FLEET FORCES COMMAND



VISION



INTENTIONS

Surface Warfare Culture Principles:

Integrity

Level of Knowledge

Procedural Compliance

Formal Communications

Questioning Attitude

Forceful Back-up

Risk Management



COMNAVSURFLANT



COMNAVSURFOR  
COMNAVSURFPAC

# TRANSITION TERMINOLOGY

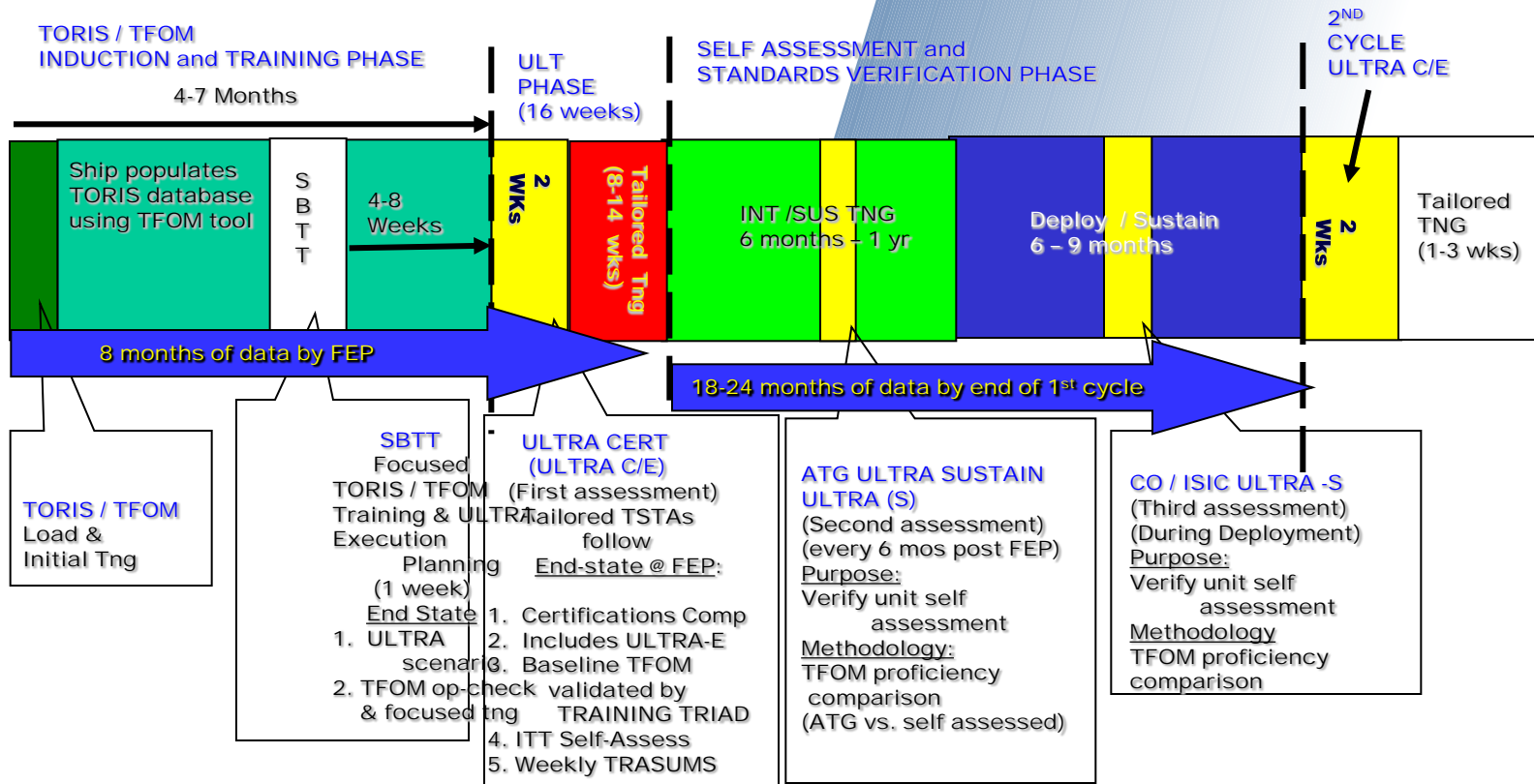


PREVIOUS TERMINOLOGY	SHIPTRAIN/ CONTINUOUS TRNG
CART II	UNIT LVL TRNG READINESS ASSESSMENT-CERT (ULTRA-C) (ULTRA-ENG/ULTRA-E)
IA	ULTRA-E
TA	ULTRA-SUSTAINMENT (ULTRA-S) EVERY SIX (6) MONTHS
CART I	(ULTRA-S) WHILE DEPLOYED (ATG)

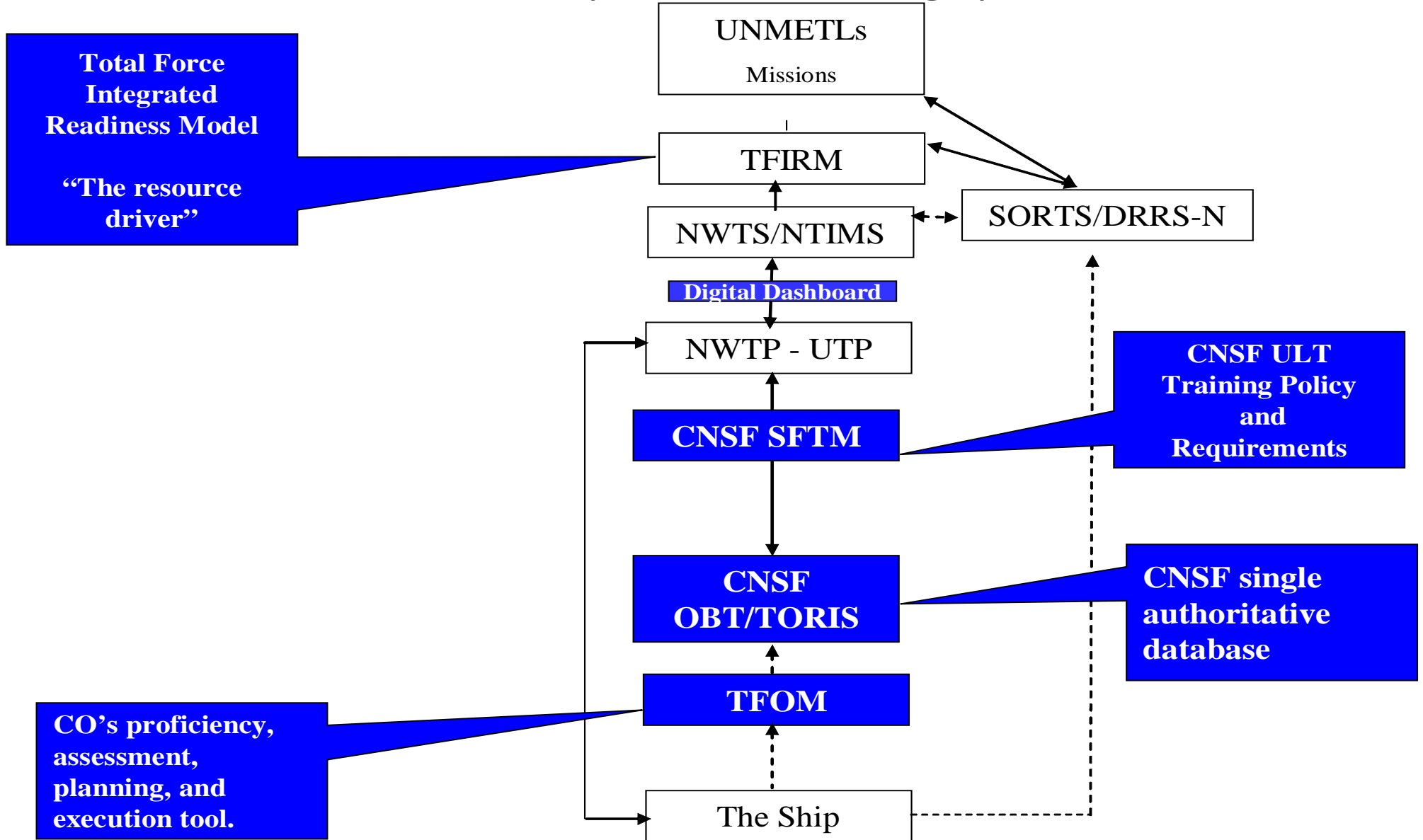
NO MORE U/W DEMONSTRATIONS



# SHIPTRAIN PHASES



**Figure 2-1-2**  
**Navy Warfare Training System**



# CERTIFICATION LEVELS



<u>Score</u>	<u>Color</u>
100-90	GREEN
89-80	BLUE
79-70	YELLOW
69-60	RED



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- RESPOND TO & TAKE CORRECTIVE ACTIONS FOR FIRE
  - ✓ One effective drill demonstrated by each Damage Control Repair Station per quarter at Cond I or at Cond II  
(may be accomplished while underway or in port)
  - ✓ One effective drill demonstrated by each IET while in port.





# Continuous Certification Requirements (CCRs)

## QUARTERLY



- RESPOND TO & TAKE CORRECTIVE ACTIONS FOR SHORING
  - ✓ One effective drill demonstrated by each Damage Control Repair Station per quarter at Cond I or at Cond II  
(may be accomplished while underway or in port)
  - ✓ One effective drill demonstrated by each IET while in port.



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- RESPOND TO & TAKE CORRECTIVE ACTIONS FOR PLUGGING
  - ✓ One effective drill demonstrated by each Damage Control Repair Station per quarter at Cond I or at Cond II  
(may be accomplished while underway or in port)
  - ✓ One effective drill demonstrated by each IET while in port.



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- RESPOND TO & TAKE CORRECTIVE ACTIONS FOR PIPE PATCHING
  - ✓ One effective drill demonstrated by each Damage Control Repair Station per quarter at Cond I or at Cond II  
(may be accomplished while underway or in port)
  - ✓ One effective drill demonstrated by each IET while in port.



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- RESPOND TO & TAKE CORRECTIVE ACTIONS FOR HAZMAT CASUALTY
  - ✓ One effective drill demonstrated by each IET while in port
  - ✓ One effective drill demonstrated by the FLYING SQUAD while U/W



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- PROVIDE ASSISTANCE TO A VESSEL IN DISTRESS
  - ✓ One effective drill demonstrated by each Damage Control Repair Station per quarter at Cond I or at Cond II  
(may be accomplished while underway or in port)
  - ✓ One effective drill demonstrated by each IET while in port.



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- RESPOND TO & TAKE CORRECTIVE ACTION FOR CASUALTY PWR
  - ✓ One effective drill demonstrated IAW ship's approved Casualty PWR Bill @ COND I (may be accomplished while underway or in port)



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- EMPLOY CW DEFENSE PROCEDURES DURING A CHEMICAL ATTACK
  - ✓ Demonstrated IAW CBR Bill, NTTP 3-20.31, NSTM 470 while U/W @ COND I
  - ✓ NOT APPLICABLE TO MHCs & SEA FIGHTER



# Continuous Certification Requirements (CCRs)

## QUARTERLY



- COMBAT A MAJOR CONFLAGRATION
  - ✓ Demonstrated by each Damage Control Repair Station at Cond I schedule permitting (may be accomplished while underway or in port)





# Continuous Certification Requirements (CCRs)

## QUARTERLY



- DC LEVEL OF KNOWLEDGE (LOK)
  - ✓ Administer LOK Exams to Basic DC-Qualified & newly reported as Basic DC-Qual is attained



# Continuous Certification Requirements (CCRs)

## PERSONNEL



- SCHOOLS

- ✓ 80% of required NTMPS schools onboard & confirmed quotas for the unfilled requirements



# Continuous Certification Requirements (CCRs) MANAGEMENT



- ASA CHECKSHEETS

- ✓ 80% of all items met w/ full compliance & a plan to correct all deficiencies



# Continuous Certification Requirements (CCRs) MANAGEMENT



- WTRP

- ✓ Maintain an effective watchstander and DCTT Watch Team Replacement Plan IAW the Damage Control Training ASA Checksheets for Cond I, II, & III covering four (4) QTRS



# Continuous Certification Requirements (CCRs)



- DURING ALL ULTRAS
  - ✓ assess daily the ability to maintain material condition YOKE IAW ships instruction.
  - ✓ assess the ability to maintain material condition ZEBRA
  - ✓ CIRCLE WILLIAM when conducting Cond I drills and CBR-D drills
  - ✓ Administer LOK Exams to all Qualified personnel



# Continuous Certification Requirements (CCRs)



- DURING ULTRA-C
  - ✓ DCTT effectiveness
  - ✓ Demonstrate effective activation of CMWDS
  - ✓ Standard CBR Scenario:
    - MOPP 1-2 (ISIC)
    - MOPP 3-4 (ATG)
  - ✓ REP-5 INV



# TRAINING TEAMS



- a. Integrated Training Team (ITT)
- b. Combat Systems Training Team (CSTT)
- c. Engineering Training Team (ETT)
- d. Damage Control Training Team (DCTT)
- e. Force Protection Training Team (FPTT)
- f. Seamanship Training Team (STT)
- g. Aviation Training Team (ATT) (LHA/LHD//LPD only)
- h. Medical Training Team (MTT)
- i. Visit Board Search and Seizure Training Team (VBSS)



# INTERGRATED TRAINING TEAM

## ITT



- WHAT IS IT???
- ✓ demonstrate "cause and effect" relationships between systems
- ✓ affects multi-mission areas
- ✓ tests the proficiency of watchstanders





# INTERGRATED TRAINING TEAM

## ITT



- EXAMPLE

- ✓ imposing a simulated casualty to a non-vital system such as sea water cooling to an air conditioning plant
- ✓ if not detected and corrected in a timely manner by the watchstander/teams, lead to a loss of chilled water
- ✓ would cause the loss of a principal combat system such as the SPY-1 radar



# DC as a member of PB4T



- Provide guidance and critique of drills that have been done
- Provide areas of the DC organization that have room for improvement
- Should have training scheduled with the TRO/TRAINO **BEFORE** PB4T to address points that need improvement



# Off-Ship Training Resources



- ATG
- NAVSEA
- ISIC
- Repair Maintenance Facilities (RMF)
- NAVAIR
- Fleet Training Commands (FTC)
- LHA/LHD/CVN



# Who Needs the Training???



SO, WHERE ARE ALL  
THE MANUALS FOR  
THIS STUFF?????

