

DEPARTMENT OF THE NAVY

Commander in Chief
United States Atlantic Fleet
1562 Mitscher Ave., Ste. 250
Norfolk, VA 23551-2487

Commander in Chief
United States Pacific Fleet
250 Makalapa Drive
Pearl Harbor, HI 96860-3131

CINCLANTFLT/CINCPACFLTINST 4720.3A
N66/N63
27 Apr 00

CINCLANTFLT/CINCPACFLT INSTRUCTION 4720.3A

Subj: MANAGEMENT OF AFLOAT COMBAT SYSTEMS AND C4I INSTALLATIONS
AND IMPROVEMENTS

Ref: (a) CNO WASHINGTON DC 021648Z May 98
(b) COMNAVSEASYS COM ltr 9400 Ser 05/051 of 7 Aug 98
(c) CINCPACFLT/CINCLANTFLTINST 4720.4A
(d) NAVSEA Technical Specification 9090-310
(e) CNO Memo 1500 Ser N7/8U637313 of 14 Oct 98

Encl: (1) D-30 Timeline
(2) "A through O" Process
(3) Baseline Review Board
(4) Battle Force Change Control Board
(5) D + 2 Feedback
(6) List of Acronyms

1. Purpose. To provide orderly process and procedures for the efficient implementation of combat systems and command, control, communications, computers and intelligence (C4I) systems across the Battle Force (BF). The primary intent of this process is to ensure the combat deployers, (i.e., the Carrier Battle Group (CVBG or BG), the Amphibious Ready Group (ARG) with the embarked Marine Expeditionary Unit (MEU), Pacific Fleet Middle East Force (PACMEF), and the Mine Warfare Readiness Group (MIWRG)), receive improved, certified warfighting technologies, in order to achieve the highest possible degree of warfighting capability and interoperability; and to ensure that these capabilities are provided with the proper training, logistics, and technical

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documentation. Configuration control for deploying units not covered by a BG/ARG/PACMEF/MIWRG deployment will be handled in accordance with paragraph eight.

2. Cancellation. CINCPACFLT/CINCLANTFLTINST 4720.3.

For LANTFLT, message CINCLANTFLT NORFOLK VA 241200Z Jul 98 is also superceded. This instruction should be reviewed in its entirety due to significant revisions made from CINCPACFLT/CINCLANTFLTINST 4720.3.

3. Scope. This instruction addresses the process for initiating, approving, and scheduling combat systems and C4I system installations and upgrades, including software deliveries, with an emphasis on BG/ARG/PACMEF deployments. (BG/ARG/PACMEF will hereafter be referred to as Battle Force or Battle Forces). This process is applicable to all shipboard combat systems, C4I system installations, Programs of Record (POR), and upgrades, including Ship Alterations (SHIPALT), engineering and field changes programmed under the Fleet Modernization Program (FMP), Ordnance Alterations (ORDALT), emergent C4I upgrades, Advanced Concept Technology Demonstrations (ACTD), and Operational Proof of Concepts. FLTCINC in this instruction refers to CINCLANTFLT or CINCPACFLT. Commander Military Sealift Command (COMSC) is treated as a Type Commander (TYCOM) and is involved with this process as all other TYCOMs are.

4. Background. Reference (a) assigned Commander, Naval Sea Systems Command (NAVSEA) responsibility to address combat systems and C4I systems interoperability issues. Reference (b) published the Guidance and Policy Paper (G&PP) 98-03, which provided an interim process for Systems Commands until new instructions are promulgated. This instruction incorporates the tenets of the Deployment minus thirty months (D-30) process from NAVSEA's G&PP 98-03, revises and expands CINCPACFLT/CINLANTFLT 4720.3 to include combat systems, and also adds a detailed section on waiver requirements for non-standard alterations or prototype installations, emergent changes to the final baseline configuration and post Target Configuration Date (TCD) installations. See enclosure (1) for the D-30 timeline and enclosure (2) on details on "A through O" process.

5. D-30 Process. Enclosure (1) describes the D-30 process and outlines the planning process for initiating, approving and scheduling Battle Force combat systems and C4I installations and

upgrades. Paragraph 6 addresses allowances for emergent changes to the final baseline configuration due to technology insertion opportunities and emergent operational requirements.

6. Exceptions to the Standard Process. The Combat Systems and C4I systems "Final Baseline Configuration" is established at D-24 and should be installed as early as possible, preferably prior to D-12 to support the Inter-Deployment Training Cycle (IDTC), and always prior to TCD. However, certain situations may prevent the inclusion of requirements identified after Final Baseline Configuration (D-24) and/or may require an installation after TCD: emergent requirements, equipment shortages, and ship availability. In addition, there may be a requirement to conduct an operational at-sea test of equipment. To resolve these issues, a formal process is required to assess all the risks associated with doing an installation after TCD. Every installation has potentially negative effects in training, interoperability, etc. The "A-O" process will aid the FLTCINC and other commanders in making the correct assessment of risk, enhancements to war fighting capability, and operational requirement. If, at any time during the process an installation is identified that will not complete prior to the TCD, that installation will require a TCD waiver approved by FLTCINC. An installation is deemed complete when the Systems Operational and Verification Tests (SOVT) have been signed and the completion message has been transmitted. The following exception process will also be used to re-assess requirements at any time it becomes known that a system installation completion date will no longer meet TCD. Requests for non-standard alterations/prototype installations must allow two weeks for evaluation and response, unless addressing a safety issue. See enclosure (2) for further details.

a. At D-12 system availability and installation schedules should be firm enough to determine the probability of completion prior to TCD. Previously scheduled and approved systems that will no longer be completed by TCD will be re-evaluated by the FLTCINC.

b. Installers will coordinate with the TYCOM for scheduling the installation.

c. Requests for changes to the Final Baseline Configuration from D-24 to TCD(D-6) will be submitted to FLTCINC via NAVSEA 53's electronic-CCB process.

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d. Requests for non-standard or post-TCD installations will be made via the A-O message to the FLTCINC. (See enclosure (2) for specifics of how the message should be written.) This message will be submitted by the command which identifies the requirement and will include a description of the war fighting capability improved in quantifiable terms. NAVSEA 53 will evaluate the impact of the proposed change on Battle Force Interoperability.

e. FLTCINC will coordinate with TYCOMs, Numbered Fleet Commander (NFC), BG commander for CVBG issues, Commander, Amphibious Group (COMPHIBGRU) TWO/THREE for amphibious issues, to determine if non-standard or post TCD installation should occur. Factors that FLTCINC will evaluate are:

- (1) Value added for warfighter.
- (2) Impact on sailor: Is this upgrade "transparent" or "invasive"?
- (3) Amount of training required.
- (4) Impact on training plan.
- (5) Impact on testing and integration.
- (6) Impact if installation does not occur.
- (7) Risk.
- (8) Proposed installation date.
- (9) Extent of upgrade - software patch or new hardware and software.

f. FLTCINC will approve or deny all requests.

g. Installers will coordinate with the TYCOMs (N2, N43 or N6) for scheduling the installation.

7. Systems Integration Testing

a. By reference (a), NAVSEA has the central responsibility to address combat systems and C4I interoperability within the systems commands and to coordinate problem resolution with the fleet. NAVSEA 53 will determine readiness for Preliminary Battle Force Interoperability Certification at D-7 and for Final

Certification at D-2. The criteria for achieving Battle Force Interoperability certification are specified in reference (b).

b. Within the Battle Force Interoperability certification process, completion of platform-level certification testing and a Fleet Delivery Readiness Review (FDRR) provide the mechanism for ensuring combat systems, C4I elements and data links are ready for introduction into individual ships, submarines, and aircraft. Battle Force Integration Testing (BFIT), conducted using the Distributed Engineering Plant (DEP), provides the basis for preliminary Battle Force Interoperability certification. In addition, the BFIT provides initial validation of the BG OPTASK LINK, the BF Capabilities and Limitations documentation, and other procedures designed to mitigate known interoperability problems. Final Battle Force Interoperability certification will be based on the resolution of identified interoperability problems.

c. The validation and quality assurance process is essential to the successful Battle Force employment of combat and C4I systems. An installation or upgrade will not be considered complete until its SOVT and appropriate systems integration testing are successfully accomplished. To ensure overall battle force system performance and interoperability among interfacing systems in an operational environment, the FLTCINC Battle Group System Integration Testing (BGSIT) process is to be conducted on these deploying groups in accordance with reference (c). This process includes BGSIT/ARGSIT Final Integration Testing (FIT), which is conducted post-TCD at sea and evaluates the Battle Force interoperability and integration of combat systems and C4I systems. The integration team effort is to be coordinated by the appropriate Battle Force commander supported by TYCOMs, Immediate Superiors in Command (ISIC), Program Managers, Field Activities, etc., and tailored to identified needs of the particular Battle Force.

8. Unique Deployers. Certain ships, such as those forward deployed, or those making different deployments and are not part of a Battle Force, such as Joint United States-Latin American Naval Exercise (UNITAS), MIWRG, or counter-drug operations, may use some of the tenets of this instruction. For example, it may not be possible to do a full land-based testing, nor will it be possible to execute a full D-30 process for those ships that are forward-deployed overseas. In these cases, the FLTCINC in coordination with the TYCOMs and NAVSEA 53 will mutually agree on how much of this process will be incorporated.

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9. Responsibilities

a. FLTCINC

(1) Promulgates Battle Force or deploying force composition message (D-30).

(2) Attends the Initial Baseline Review (D-28) if desired.

(3) Tasks TYCOMs/Commander Marine Forces (COMMARFOR) to review Initial Baseline Configuration (D-27).

(4) Incorporates the TYCOMs'/COMMARFOR's responses and forwards the Initial Baseline Configuration to Unified CINCs, NFCs, BG commanders, COMPHIBGRU, Commanding General, Marine Expeditionary Force (CG MEF), requesting changes, additions, and deletions (D-27).

(5) Forwards prioritized additional and unfunded requirements to OPNAV, information to Systems Commanders (SYSCOMs) and Program Executive Officers (PEOs) (D-27).

(6) Promulgates the Baseline Review Board (BRB) membership by name (D-26).

(7) Chairs the Pre-Deployment Planning Conference and then, as a result of that conference, forwards the Deployment Baseline Configuration to SYSCOMs and PEOs (D-25).

(8) Chairs the Deployment Planning Conference (D-24) and approves the Final Baseline Configuration.

(9) Approves or disapproves the Battle Force Change Control Board (BF CCB) recommendations (D-24 - D-0).

(10) Populates the Integrated Battle Force Training Database (D-24).

(11) Receives installation and status updates briefs from Commander, Space and Naval Warfare Systems Command (SPAWAR), NAVSEA, Commander, Naval Air Systems Command (NAVAIR), and other SYSCOMs as appropriate on a weekly basis on video tele-conference (VTC). Receives and reviews SYSCOMs' update of POAMs required in reference (d)(D-24 through D-1).

(12) Receives Battle Force training status and requirements from SYSCOMs/PEOs/BF (D-20).

(13) Promulgates Battle Force ashore training plan (D-18).

(14) Chairs Pre-TCD Conference (D-10 - D-7). Provides and coordinates action items from review.

(15) Approves or disapproves TCD waivers (D-9 - D-1).

(16) Conducts BGSIT process in accordance with reference c (D-5 - D-4).

(17) Deploys Battle Force (D).

b. OPNAV

(1) Reviews request for additional unfunded requirements (D-26).

(2) Responds to request for additional unfunded requirements provided by FLTCINCs(D-25).

(3) Attends the Pre-Deployment Planning Conference (D-25).

(4) Attends Deployment Planning Conference and is a voting member of the BRB (D-24) and BF CCB (as required) (D-24 - D).

(5) Attends weekly VTC by SYSCOMs (D-24 - D-0).

c. TYCOMs (COMNAVSURFLANT/PAC, COMNAVAIRLANT/PAC, COMSUBLANT/PAC, COMMARFORLANT/PAC, COMINEWARCOM, COMSCLANT/PAC)

(1) Attend Initial Baseline Review, when required (D-28).

(2) Review Initial Baseline Configuration and provide to FLTCINC a list of planned cross decks and installations. Initiate a prioritized request to FLTCINC to identify sponsor for validated but unfunded requirements (D-27).

(3) Attend the Pre-Deployment Planning Conference (D-25).

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(4) Attend the Deployment Planning Conference and is a voting member of the BRB (D-24) and BF CCB (D-24 - D-0).

(5) Promulgate ship availability to SYSCOMs and PEOs in order to facilitate installation and training windows (D-24).

(6) Attend weekly VTC by SYSCOMs (D-24 - D-0).

(7) Review BATGRU Battle Force training requirements (D-20).

(8) Review BATGRU Battle Force afloat training plan (D-12).

(9) Attend Pre-TCD Conference (D-10 - D-7).

(10) Evaluate all TCD waiver proposals and makes recommendations to FLTCINC (D-9 through D-1).

d. Numbered Fleet Commander (NFC) (COMSECOND/THIRDFLT)

(1) Reviews the Initial Baseline Configuration (D-27).

(2) Attends the Pre-Deployment Planning Conference (D-25).

(3) Attends the Deployment Planning Conference and is a voting member of the BRB (D-24) and BF CCB (D-24 - D).

(4) Attends the weekly VTC by SYSCOMs (D-24 through D-0)

(5) Receives review of all training requirements by Battle Force (D-20).

(6) Reviews Battle Force afloat training plan (D-12)

(7) Evaluates all TCD waiver proposals and makes recommendations to FLTCINC.

(8) Conducts advanced training with Joint Task Force Exercise (JTFEX) or Fleet Exercise (FLEETEX) (D-2).

e. Theater Navy Commanders. Review Proposed Baseline Configuration and submit comments to FLTCINC (D-27).

f. SYSCOMs and PEOs. SPAWAR, NAVAIR, and NAVSEA, Commander, Naval Supply Systems Command (NAVSUP), Commander

Marine Corps Systems Command, (COMMARCORSSYSCOM), PEOs, Bureau of Naval Personnel (BUPERS), Bureau of Medicine (BUMED), and Direct Reporting Program Managers (DRPM).

- (1) Identify Proposed Baseline Configuration via electronic query (D-29).
- (2) Attend Initial Baseline Review (D-28).
- (3) Review requests for unfunded requirements (D-27).
- (4) Present draft Deployment Baseline Configuration at Pre-Deployment Planning Conference (D-25).
- (5) Brief the BRB at the Deployment Planning Conference (D-24). SPAWAR 04 and NAVAIR 4.0 are voting members of the BRB.
- (6) SPAWAR 05 serves as the deputy chair of the BF CCB (D-24 - D). NAVAIR 4.0 is a voting member of the BF CCB.
- (7) Submit waiver request messages for exceptions to the final baseline configuration to the BF CCB (D-24 - D) and TCD waiver offer messages FLTCINC (D-9 - D)
- (8) Promulgate plan of action and milestones (POA&M) for installation (D-24).
- (9) Brief FLTCINC, TYCOMs, and NFC on a weekly basis via VTC (D-24 through D).
- (10) Provides Battle Force training status and requirements to FLTCINC (D-20).
- (11) Begin systems integration testing (D-18).
- (12) Complete systems integration testing (D-13).
- (13) PEOs will coordinate the software deliveries with all appropriate organizations and provide delivery details by naval message when exact dates are known (D-13 - D-6).
- (14) SYSCOMs and PEOs BFIT (shore site testing using DEP)(D-12).
- (15) Submit feedback to FLTCINC per enclosure (5) (D+2).

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g. NAVSEA 53

(1) Consolidates and distributes Proposed Baseline Configuration (D-29).

(2) Holds Initial Baseline Review to review the Proposed Baseline Configuration. As a result of this review, NAVSEA 53 establishes the Initial Baseline Configuration. NAVSEA 53 will also transmit a message to FLTCINC, which lists all installations planned to be accomplished and announces the posting of the Initial Baseline Configuration on a NAVSEA website (D-28).

(3) Promulgates BF CCB members by name (D-25).

(4) Acts as deputy chair for BRB at the Deployment Planning Conference (D-24).

(5) Chairs the Battle Force Configuration Planning Group (BF CPG) which meets quarterly (D-21 - D-12).

(6) Conducts Combat Systems Integration Testing (CSIT) (D-18).

(7) Conducts ship FDRR (D - 13).

(8) Conducts Final BFIT Readiness Review (test readiness review for shore site using DEP)(D-13).

(9) Conducts BFIT (D-12).

(10) Produces the Capabilities and Limitations document (Preliminary at D-7 and final at D-2).

(11) Certifies the BF is ready for deployment (Preliminary at D-7 and final at D-2).

h. BG Commander

(1) If tasked, reviews BG Initial Baseline Configuration and submit prioritized list (D-27)

(2) If tasked, attends Pre-Deployment Planning Conference (D-25).

(3) Attends weekly VTC as required (D-24 - D-0).

(4) Reviews all training requirements of Integrated Battle Force Training (IBFT) database and present results to TYCOMs and CINC (D-20).

(5) Begins IDTC with Basic Ashore Phase and individual proficiency training (D-18).

(6) Presents afloat training plan to NFC, TYCOM, and FLT CINC and begin training on team proficiencies (D-12).

(7) Attends Pre-TCD Conference (D-10 to D-7).

(8) Evaluates all TCD waiver proposals and makes recommendations to FLTCINC (D-9 to D-1).

(9) Provide feedback on D-30 process to FLTCINC, TYCOM, and NFC per enclosure (5) (D+2).

i. COMPHIBGRU TWO/THREE

(1) If tasked, reviews Initial Base Line Configuration and submit prioritized list to TYCOM (D-27).

(2) If tasked, attends Pre-Deployment Planning Conference (D-25).

(3) Attends weekly VTC (D-24 - D).

(4) Reviews all training requirements of IBFT database and present results to TYCOMs, NFC, and FLTCINC (D-20).

(5) Begins IDTC with Basic Ashore Phase and individual proficiency training (D-18).

(6) Presents ashore training plan to NFC, TYCOM, and FLTCINC (D-18).

(7) Presents afloat training plan to NFC, TYCOM, and FLTCINC and begin training on team proficiencies (D-12).

(8) Attends Pre-TCD Conference (D-10 to D-7).

(9) Evaluates all TCD waiver proposals and makes recommendations to TYCOM (D-9 to D-1).

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j. COMPHIBRON

(1) Attends Pre-TCD Conference (D-10 to D-7).

(2) Evaluates TCD offer proposals for ARG and makes recommendations to COMPHIBGRU (D-6 to D-1).

(3) Provides feedback on D-30 process to FLTCINC, TYCOM, and NFC per enclosure (5) (D+2).

k. MEU

(1) Evaluate TCD waiver proposals that effect the MEU, and makes recommendations to TYCOM (D-6 to D-1).

(2) Provide feedback on D-30 process to FLTCINC, TYCOM, and NFC per enclosure (5)(D+2).



A. G. HARMS, JR.
Deputy and Chief of Staff



T. W. LAFLEUR
Deputy and Chief of Staff

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ELEVENTH MEU

THIRTEENTH MEU

FIFTEENTH MEU

THREE ONE MEU

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D - 30 Timeline

This enclosure outlines the planning process for initiating, approving and scheduling Battle Force combat systems and C4I installations and upgrades:

Month

Event

D - 30 FLTCINC promulgates Battle Force composition message to other FLTCINCs, Theater CINCs, NFC, SYSCOMs, PEOs, TYCOM, and MARFORLANT or PAC. This message should also include all deployers, including UNITAS and MIWRG. The unclassified composition message will identify the:

- Commanders: BG, Destroyer Squadron Commander, PHIBRON, and PACMEF Commander.
- Carrier Air Wing,
- MEU,
- Ships and submarines by hull number,
- deployment dates and TCD, and
- Ships within five years of decommissioning (based on input from OPNAV)

Note: Every effort will be made by the FLTCINC not to change the TCD. However, this will be dictated by operational requirements.

D - 29 1. SYSCOMs and PEOs identify Proposed Baseline Configuration.

2. Based on inputs from SYSCOMs and PEOs, NAVSEA 53 will consolidate and distribute Proposed Baseline Configuration.

D - 28 1. NAVSEA 53 holds Initial Baseline Review, attended by SYSCOMs and PEOs, to review the Proposed Baseline Configuration. (FLTCINC and TYCOMs attend as they desire). As a result of the review, NAVSEA 53 establishes the Initial Baseline Configuration. NAVSEA 53 will also transmit a message to FLTCINC, information to CNO, theater commanders, TYCOMs, and NFCs which lists all installations that will be accomplished prior to the deployment. This message announces the posting of the initial baseline configuration on a NAVSEA website. Message to include:

Enclosure (1)

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- a. POR installs
 - b. Installations for ACTD or operational proof of concept must include deinstallation and system/ship restoration funding in the request message (reference d).
- D - 27** 1. FLTCINC tasks TYCOMs/MARFOR to review Initial Baseline Configuration. TYCOMs/MARFOR provide FLTCINC a list of TYCOM/MARFOR planned and funded cross-decks and installs and initiate a prioritized request to FLTCINC which identifies requirements not included (unfunded) in the Initial Baseline Configuration.
2. FLTCINC incorporates the TYCOM's/MARFOR's response and forwards Initial Baseline Configuration to Theater CINCs, NFCs, and CG MEF requesting changes, additions, and deletions. All changes must be valid requirements. Depending on the situation, the FLTCINC may task COMPHIBGRU (representing COMPHIBRON) or the BG commander, to review the configuration.
3. FLTCINC forwards prioritized additional and unfunded requirements to OPNAV, information to SYSCOMs and PEOs.
- D - 26** 1. OPNAV, SYSCOMs and PEOs review requests for additional and unfunded requirements.
2. FLTCINC promulgates BRB members by name (see enclosure (3) for details.)
- D - 25** 1. OPNAV responds to the FLTCINC's request for unfunded requirements.
2. SYSCOMs and PEOs present a draft Deployment Baseline Configuration at Pre-Deployment Planning Conference to FLTCINC, TYCOMs/COMMARFOR, respective NFC, and respective COMPHIBRU and BG commander if tasked. The outcome of the Pre-Deployment Planning Conference is the CINC forwarding the fleet supported Deployment Baseline Configuration to SYSCOMs and PEOs.
3. NAVSEA 53 promulgates BF CCB members by name (enclosure (4)).

- D - 24** 1. SYSCOMs and PEOs brief the BRB at the Deployment Planning Conference. This flag level board chaired by FLTCINC approves the Final Baseline Configuration, which is placed under the BF CCB configuration management. Henceforth, the BF CCB will control the combat systems and C⁴I configuration for the battle force through an "Exception Process" for emergent requirements. See enclosure (4) for additional details on the BF CCB.
2. TYCOMs provides ship availability to SYSCOMs and PEOs in order to facilitate installations.
3. SYSCOMs and PEOs promulgate POA&M for installation, including required schools, amount of on board training required, specific NECs and associated manning levels, and training audience. The message will include list of Points of Contacts (POC) for quota control or provider for scheduled training, i.e., contractor or Chief of Naval Education and Training (CNET).
4. The Battle Force Configuration Planning Group (BF CPG), which is chaired by NAVSEA, will meet quarterly until the shore testing begins.
5. FLTCINC populates the Integrated Battle Force Training database.
6. On a weekly basis, SPAWAR, NAVAIR, NAVSEA and other SYSCOMs as appropriate, will brief FLTCINC, NFC, TYCOMs and others as desired via VTC installation and status updates to their programs.
- D - 20** Battle Forces/ISICs review training requirements of IBFT database and coordinate with chain of command to complete.
- D - 18** 1. FLTCINC promulgates Battle Force ashore training plan.
2. Battle Forces begin IDTC with Basic Ashore Phase and individual proficiency training.
3. SYSCOMs and PEOs begin systems integration testing. (Fleet involvement invited, but is not required.)
- D - 13** 1. SYSCOMs and PEOs complete systems integration testing.

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2. NAVSEA 53 conducts ship FDRR.

3. NAVSEA 53 conducts Final BFIT Readiness Review (test readiness review for shore site testing using DEP).

4. A software delivery will be conducted after the FDRR. The exact timing of the software deliveries will be based on the results of the FDRR, ship schedules, and resource availability. PEOs will coordinate the software deliveries with all appropriate organizations and provide delivery details by naval message when exact dates are known.

D - 12 1. SYSCOMs and PEOs begin BFIT.

2. SYSCOMs promulgate update message providing final status of installations.

3. Battle Force presents afloat training plan to NFC, TYCOMs, and FLTCINC. Battle Forces begin training on training team proficiencies.

D - 10 FLTCINC holds Pre-TCD Conference. Battle Forces brief final combat systems and C4I configuration to NFC, TYCOMs with SYSCOMs. SYSCOMs provide feedback to issues. Briefs on security and BGSIT/Amphibious Ready Group System Integrated Testing (ARGSIT) provided to Battle Forces. This conference is for each Battle Force to brief install/training status, concerns and any additional install/training requests to fix shortfalls noted. TYCOM will promulgate updated combat systems and C4I upgrade/training status resulting from conference. The Battle Force shall brief latest on installations, training, local area network (LAN) security, BG and ARGSIT, etc.

D - 7 1. NAVSEA 53 produces preliminary Capabilities and Limitations document based on successful testing.

2. NAVSEA 53 produces preliminary Battle Force Interoperability certification.

D - 6 1. TCD occurs.

2. SYSCOMs and PEOs should have completed all scheduled combat systems and C⁴I upgrades by TCD. Earlier completion is always encouraged. All subsystems including SOVT/Combat System Readiness Review (CSRR) testing, training and logistics provisions should be complete.

3. IDTC unit level training under TYCOMs ends and group level training begins.

4. FLTCINC conducts BG/ARGSIT readiness review.
(CINCPACFLT only)

D - 5 Conduct Composite Training Unit Exercise (COMPTUEX) and BGSIT FIT in accordance with process established in reference c. For Forward Deployed Naval Forces in PACFLT, BGSIT FIT will occur biannually during a schedule promulgated in accordance with reference (c).

D - 2 1. NAVSEA 53 promulgates final Capabilities and Limitations document

2. NAVSEA 53 technically certifies the battle force ready for deployment, focusing on the safety and interoperability of the equipment in a battle force setting. This certification differs significantly from the NFC's operational certification of the Battle Force.

3. NFC conducts advanced training, via FLEETEX and JTFEX.

D - 1 IDTC group level training ends and Pre-Overseas Movement (POM) commences.

D FLTCINC deploys Battle Force.

D + 2 Battle Force and SYSCOMs provides feedback to FLTCINC, TYCOM, and NFC on D-30 process including comments on training, installation process, logistics, etc. The Battle Force should comment on how the process prepared them to deploy. See enclosure (5) for details.

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"A - O" Process

1. The "A through O" process is adapted from the CLF 241201Z JUL 98 message which stated that all future installations had to be approved based on the paragraphs A through O. Paragraphs 2 through 6 gives the details of the A - O process; paragraph 7 gives the format of the "A-O message." The A-O process will apply to all non-standard and post-TCD installations.

2. Messages from the BG commander, PHIBRON commander, MEFSAG commander, will use message subject line "TCD WAIVER REQUEST." The message should be sent to FLTCINC, information to NFC, the appropriate TYCOM, SYSCOM or PEO, and COMNAVSEASYSKOM 53. Any commander will generally have veto authority. The FLTCINC will coordinate responses between all concerned.

3. Messages from a SYSCOM or a PEO will use the subject line "TCD OFFER MESSAGE." The message should be sent to FLTCINC, information to the NFC, respective TYCOMs, appropriate operational chain of command, and to NAVSEA 53. (For example, to the BG commander for CVBG issues, to COMPHIBGRU TWO/THREE for amphibious issues, to COMINSEWARCOM and the Mine Counter Measures Squadron (MCMRON) Commander for MIWRG issues, and to the appropriate ship, submarine, or aircraft squadron.) If request is post-TCD and affects the ARG, the request must also be sent information to the appropriate COMPHIBRON and MEU commander. Any commander will generally have veto authority. The FLTCINC will coordinate response between all concerned.

4. For non-standard installs, use paragraph 3 procedures except subject of message is "NON-STANDARD INSTALL OFFER MESSAGE."

5. The FLTCINC will make the final determination based on inputs from the TYCOM for a training and material perspective, from the NFC, the battle group commander or amphibious group commander for an operational perspective, and from NAVSEA 53 from a technical, interoperability standards perspective. Factors that FLTCINC will evaluate are:

a. Specifically, what is the added operational value for the warfighter? Does the warfighter, (not program manager), require this installation, or is this a "nice to have"?

b. What is the operational impact on the warfighter if the proposed installation does not occur?

c. What is the impact on operator and maintainer? How much additional training is required? Is the training available?, and, if so, how is it to be delivered? Is this upgrade "transparent" or "invasive"?

d. What is the difficulty and risk of installation? Is this the first time this installation has been accomplished?

e. When is the proposed installation to be installed with respect to the operational schedule? For example, will this installation occur prior to COMPTUEX or PHIBRON-MEU Integration, or after JTFEX?

f. What is the extent of upgrade - Is this a software patch or new hardware and software?

g. Is this a standalone system or interoperable with other key systems? If interoperable, does NAVSEA 53 concur?

h. Is the change Safety related?

i. Does the change affect manning or workload?

j. Is the change logistically supported (i.e. drawings, technical manuals, onboard repair parts, etc.)?

6. Engineering development models may request multiple deliveries in a single blanket request message, with information as specified in paragraph 7, indicating a scheduled period and end-date, in order to provide more flexibility to engineering efforts.

7. The following is the "A - 0" message format:

a. Identification of change/title

b. Type of change (hardware, software, and firmware)

c. Purpose of change "For TCD waivers, include statement why installation is occurring after TCD. This could be insufficient time to test, correction for discrepancy, lack of funding, new capability, etc."

d. Operational impact if not installed

e. Prerequisite requirements

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f. Testing accomplished for approval/certification by appropriate technical agent (NAVSEA, SPAWAR, PEOs, etc.) prior to the request.

g. Schedule (to include length of time for temporary installations).

h. Integrated logistics support requirements

i. Training requirements

j. Impact to existing systems

k. Risk assessment

l. Contingency (options/fall back)

m. Documentation requirements

n. Interoperability impact

o. Point of contact and phone number

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Baseline Review Board (BRB)

Purpose. The BRB is tasked with establishing the Final Baseline Configuration for a given battle force.

Background. The BRB, a FLTCINC chaired board, is nominated at D-26 and is established at D-24. In the past there has been numerous discussions even up to the deployment date of what would be the configuration of the battle force. By establishing this board, the flags will decide early enough in the Inter-deployment Training Cycle, the Final Baseline Configuration. Once the flags decide what the configuration is, then the emphasis will be on execution of that plan under the management of the BF CCB.

Membership:

Chairman: FLTCINC (flag level)

Deputy Chairman: NAVSEA 53

Representatives of the following organizations (voting members)

OPNAV N6/N8

SPAWAR 04-

NAVAIR 4.0

2nd or 3rd Fleet

TYCOMs: COMNAVSURFLANT or PAC

COMSUBLANT or PAC

COMINWARCOM (for MIWRG)

COMNAVAIRLANT or PAC

MARFORLANT or PAC

COMSC WASHINGTON DC

(for MSC ships)

Following ad hoc non-voting members support as required:

Program Offices, PEOs, and Direct Reporting Program Offices

Others as requested by the chairman.

Battle Force Change Control Board (BF CCB)

Purpose: The BF CCB is tasked with evaluating proposed changes to the Final Baseline Configuration.

Background: Once the Final Baseline Configuration is established, a disciplined process is invoked to evaluate proposed warfighting benefit versus technical, schedule, and programmatic risk. The Chairman of the BF CCB forwards the board's recommendation to the respective FLTCINC, who as the ultimate authority, can accept or reject the board's recommendation.

Membership:

Chairman: NAVSEA 53
Deputy Chair: SPAWAR 05
Final Decision authority: FLTCINC

2nd or 3rd Fleet

OPNAV N6/N8

NAVAIR 4.0

TYCOMs:

COMNAVSURFLANT or PAC

COMSUBLANT or PAC

COMINWARCOM (for MIWRG)

COMNAVAILANT or PAC

MARFORLANT or PAC

COMSC WASHINGTON DC
(for MSC ships)

Following ad hoc non-voting members support as required:

Program Offices, Program Executive Offices, and Direct
Reporting Program Offices

Others as requested by the chairman.

Process: Proposed changes to the Final Baseline for a given Battle Force should be brought to the attention of NAVSEA 53 for CCB consideration. Additionally, the FLTCINC may convene a CCB to consider an emergent requirement, late changes to Battle Force composition, or to evaluate installations that may violate the established TCD.

The BF CCB will consider each change proposal on an individual basis. The CCB is not a vehicle for shortcutting required system testing and certification. Systems requiring certification (software, weapon system safety, flight deck, etc.) must be certified before they can be fielded.

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Additionally, systems that are critical to BF interoperability (e.g., LINKs, command and control systems) must be reviewed for battle force interoperability testing and certification.

NAVSEA 53 maintains a Risk Assessment Questionnaire that will guide the BF CCB process. The goal is to conduct BF CCBs electronically, at the discretion of the Chairman. Representatives for the system being proposed to the CCB shall answer all questions of the Risk Assessment prior to CCB presentation. This will enable the CCB to focus on areas of risk and evaluate risk versus warfighting benefit.

BF CCB recommendations include:

- Approval or disapproval of the proposed installation/upgrade.
- Conditional approval of the proposed change pending completion of a board assigned action (e.g., additional testing, Ship Installation Drawing/Ship Alteration Request approval, mitigation of electro-magnetic interference, certification of integrated logistic support, etc.)

Minutes of the BF CCB, including the final recommendation will be signed by NAVSEA 53 and forwarded to the respective FLTCINC. The FLTCINC is the approval authority.

D+2 Feedback

1. This enclosure provides details for making an assessment of the D - 30 process and for the success of installing the improvements on the ships, submarines, and aircraft.

2. SYSCOMs provide following information at D + 2:

System	At D-18		D - 0	
	Projected Completion Date	Projected Cost	Actual Completion Date	Actual Cost
ABC	MONTH YR	\$\$	MONTH YR	\$\$
	Description of outstanding SOVT discrepancies at D+2 (if applicable)		POAM to resolve	

Actual completion date includes successful SOVT. If install was completed post-TCD, it must be highlighted.

3. BG commander and PHIBRON commander provide the following information:

a. At D+2 send message with following data.

System	When CASREPped	When CASCORed	Was Tech Assist Required?
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Note: Above data is required only for new installs or upgrades, i.e., for those items identified in the Final Baseline Configuration and CASREPped from TCD to D+2. Do not include CASREPs on existing systems if the CASREP was not related to an upgrade.

b. Post-deployment brief should assess the new capabilities.

4. Any comments by any command on the process, e.g., quality of install, training, ease of keeping informed, etc., are welcome at any time in the process.

Acronyms

ACTD	Advanced Concept Technology Demonstration
ARG	Amphibious Ready Group
ARGSIT	Amphibious Ready Group System Integration Testing
BF	Battle Force
BF CCB	Battle Force Change Control Board
BFIT	Battle Force Integration Test
BG	Battle Group
BGSIT	Battle Group System Integration Testing
BRB	Baseline Review Board
BUMED	Bureau of Medicine
BUPERS	Bureau of Naval Personnel
C4I	Command, Control, Communications, Computer, and Intelligence
CG MEF	Commanding General, Marine Expeditionary Force
CINCLANTFLT	Commander in Chief, U.S. Atlantic Fleet
CNET	Chief on Naval Education and Training
CNO	Chief of Naval Operations
COMMARCORSSYSCOM	Commander, Marine Corps Systems Command
COMMARFOR	Commander, Marine Forces
COMPTUEX	Composite Training Unit Exercise
CINCPACFLT	Commander in Chief, U.S. Pacific Fleet
CPG	Configuration Planning Group
CSD	Consolidated Software Deliveries
CSIT	Combat System Integration Testing
CSRR	Combat System Readiness Review
CVBG	Carrier Battle Group
DEP	Distributed Engineering Plant
DRPM	Direct Reporting Program Managers
DESRON	Destroyer Squadron
FDRR	Fleet Delivery Readiness Review
FIT	Final Integration Testing
FLEETEX	Fleet Exercise
FMP	Field Management Plan
G&PP	Guidance and Policy Paper
IBC	Initial Baseline Configuration
IBFT	Integrated Battle Force Training
IDTC	Inter-Deployment Training Cycle
ISIC	Immediate Superior in Command
JTFEX	Joint Task Force Exercise
LAN	Local Area Network
MCMRON	Mine Counter Measures Squadron

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MEF	Middle East Force
MEFSAG	Middle East Force Surface Action Group
MEU	Marine Expeditionary Unit
MIWRG	Mine Warfare Readiness Group
NAVSUP	Naval Supply Systems Command
NFC	Numbered Fleet Commander
NMIMC	Navy Medical Information Management Command
PACMEF	Pacific Middle East Force
PEO	Program Executive Officer
PHIBGRU	Amphibious Group
PHIBRON	Amphibious Squadron
POA&M	Plan of Action & Milestones
POR	Program of Record
ORDALT	Ordnance Alteration
SHIPALT	Ship Alteration
SOVT	System Operation Verification Testing
SYSCOM	Systems Command
TCD	Target Configuration Date
TYCOM	Type Commander
UNITAS	Joint United States-Latin American Naval Exercise
VTC	Video Tele-Conference