

Fleet Modernization  
Program Conference  
January 2003

**Planning Subcommittee  
Agenda**

# Agenda

- Schedule
- Introductions / Administrative Remarks
- Review New ESC Strategic Goals
- Planning Subcommittee Approach to Strategic Goals
- Working Group Reports
- Define Strategic Goal Supporting Action Items
- Working Group Breakout Sessions

# Schedule

- Planning Subcommittee:
  - 1300 to 1600 Tues
  - Joint Session Weds @ 0800
  - 0900 to 1600 Weds
  - 0800 to 1130 Thurs
    - 0830 to 0915 Brief to ESC
  - Break into Working Groups by 1000 on Weds
  - Back to together for Working Group update at 1500 on Weds
  - Back to together for Subcommittee wrap-up at 1030 on Thurs
  - Conclude Planning Subcommittee 1130 Thurs
  - Joint Session 1230 Thurs

# Planning Subcommittee

- Chairman: Puget Sound Naval Shipyard, Code 270
- Co-Chairman: Norfolk Naval Shipyard, Code 270
- Introductions
  - Name / Organization / Role in FMP Process

# FMP Strategic Goals

- **Goal 1:** *Ensure CONOPS / FMP investments address Fleet's most significant concerns*
- **Goal 2:** *Fund and implement FMP training plan*
- **Goal 3:** *Establish a Common Process*
- **Goal 4:** *Fully implement NDE and transition to ERP*
- **Goal 5:** *Document and Publicize Consequences of installing immature ALTs*

# Goal 1: CONOP

- **Goal:** Assure Fleet Modernization Program investments address the fleet's most significant concerns while maintaining clear lines of responsibility for the modernization plan and its resourcing.
- **Logic:** CNO Executive Board of 6 Mar 01 required the development of a concept of operations (CONOPS) to specify ownership of the Fleet Modernization Program (FMP) and provide alternatives for improving requirements generation and visibility of the FMP during the program and budget preparation cycle. The CONOPS specifies Commander, U.S. Fleet Forces Command (CFFC) and Fleet Type Commander ownership of the FMP and is intended to increase the fleet's engagement in FMP requirements generation and resourcing.

# Goal 1: CONOP (cont.)

## **Objectives**

- Increased Fleet voice in requirements generation
- Balanced current and future readiness requirements while maintaining sponsor integrity
- Allow for major stakeholder participation early in the process
- Allow for execution year adjustments
- Inherently drive feedback at requirements generation and execution
- More completely and accurately cost alterations

## **Milestones**

- Fleet and FMP office representatives meet with N43 to determine next steps

## **Measures**

- TBD following discussion with N43

# Goal 3: Common Process

- **Goal:** Develop a single common business process that supports modernizations, Battle Force interoperability, and FMP CONOPS / CFFC requirements
- **Logic:** To install equipment / systems on ships, PARMs are required to follow different processes for two Fleets and 5 SPMs. A single process will reduce the burden on PARMs and simplify overall procedures. An improved process that is transparent to PARMs working with Ship Program Managers and Fleets can be created by capitalizing on the best business process from SPMs and Fleets.

# Goal 3: Common Process (cont.)

- **Objectives**

- By the end of FY02

- Implement JCF and SAR tech specs throughout the SPMs and PARMs
    - Implement a common proposed ALT process in NDE, e.g., SHIPALTs, AERs, etc.

- By the end of FY03

- Standardize content of letters of authorization
    - Develop a process to document software changes.
    - Provide timely CCB response to the JCF and SAR.

- **Measurement**

- Are PARMs (e.g., SPAWAR) seeing reduction in variety among SPM processes?

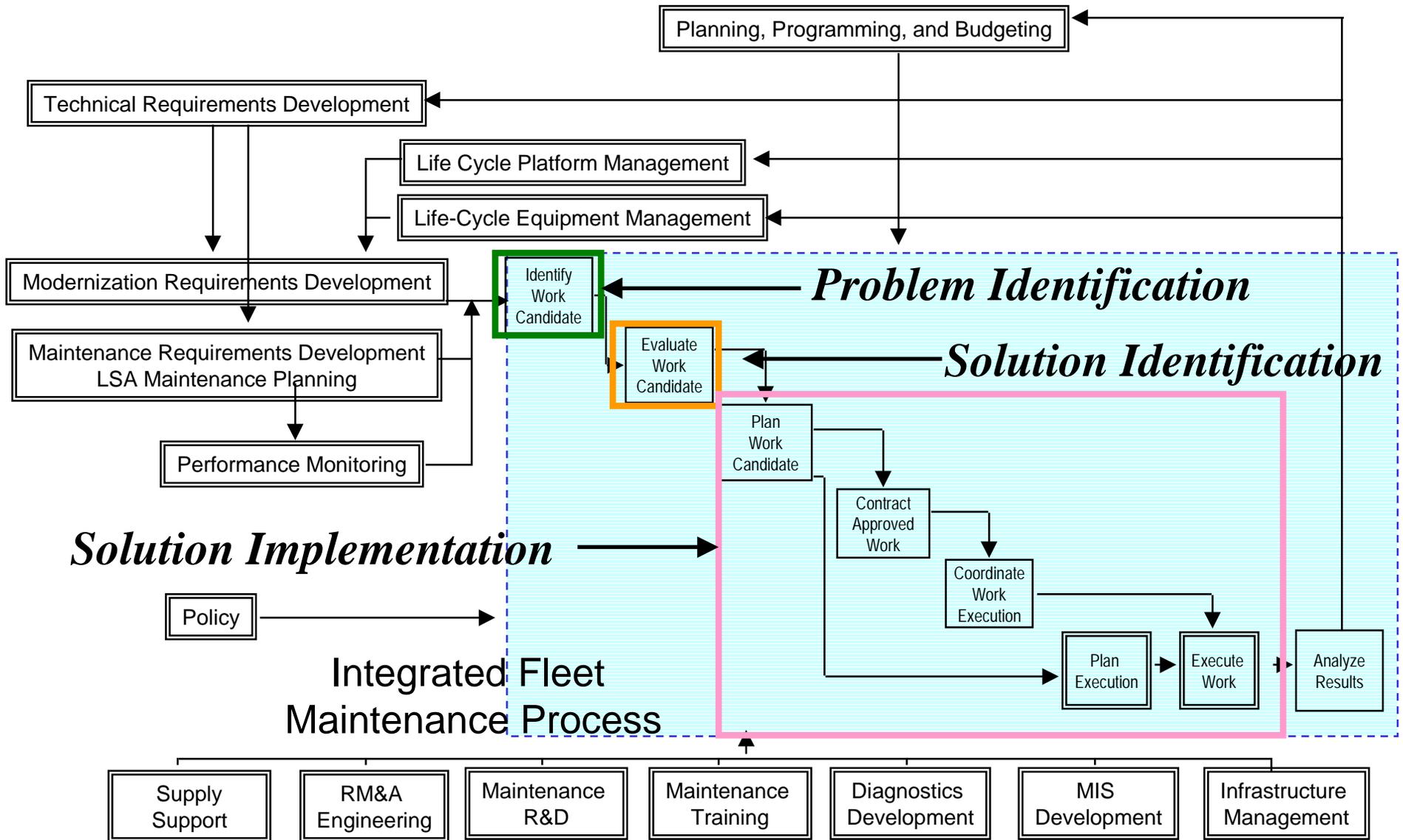
# Goal #1: CONOPS

- Approach:
  - Short term: Develop a process to ensure fleet concerns are adequately addressed
    - Address Fleet Strategic Goal pursuant to TMA/TMI
      - Working with NAVSEA 05N, CAPT Chesterman
    - Assess the need for additional short term actions
  - Long term: Implement CONOPS or “Plan B”
    - Associated FMP Process Modifications

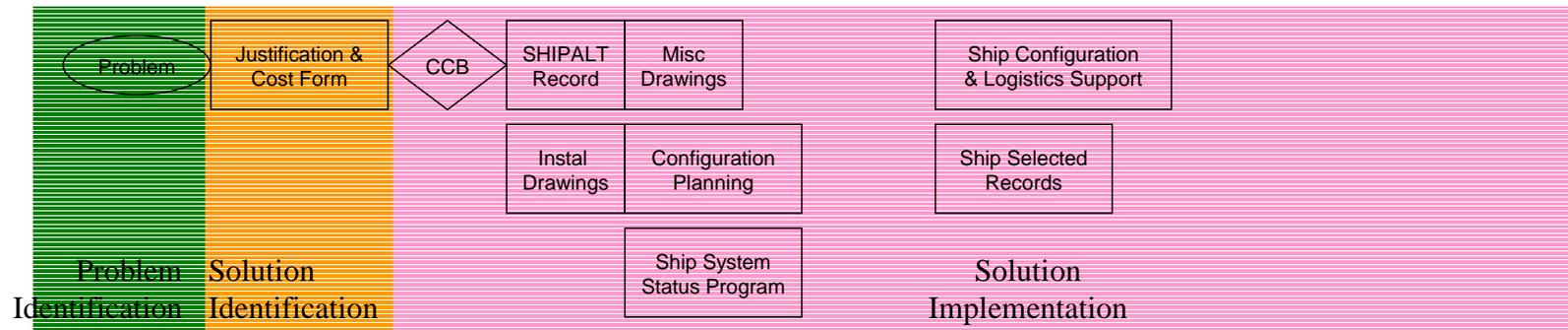
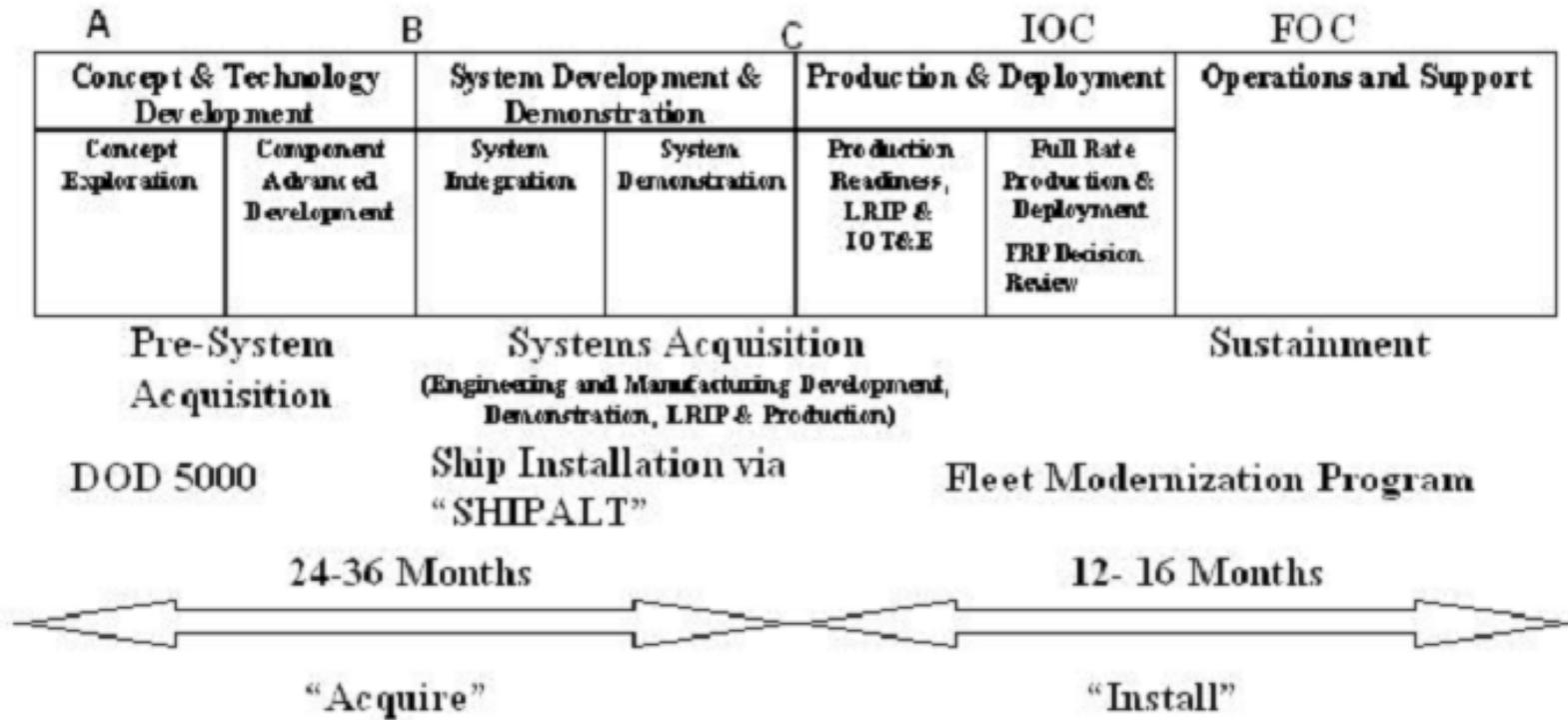
# TMA/TMI

- Working with CAPT C.W. Chesterman (NAVSEA 05N) to ensure “FMP/SPM” integration into TMA/TMI process
- TMA Panel includes Fleets, SPMs, and OPNAV
  - **Key link to FMP is SPM participation in TMA Panel**
  - TMA panel screens problems, approves solutions, and reviews implementation
  - No formal turnover process or “TMA Shipalts”...a solution may be a Shipalt
- TMA database is on FTSCCLANT web site and will be also posted on “maintenance” web site
- TMA flag added to JCF/SAR
- Proposed FMP Manual Change (Chapter 4)
- **Botton Line: Need SPM involvement on TMA Panels**
  - Continued dialog between NAVSEA 05N and SPMs

# Integrated Maintenance Process



# System Acquisition/FMP SHIPALT Installation Process



# Goal #3: Common Process

- **Approach:**

- Surveyed FMP Stakeholders
- Developed a prioritized list of process improvement/standardization targets
  - Integrate Strategic Goal Objectives
  - Integrate efforts with Logistics Subcommittee
- Solve high priority process issues
- Re-survey FMP Stakeholders

# Prioritized Process Issues

- Implement JCF/SAR tech specs (ESC Objective)
  - SAR Level of detail / additional information
  - Improve quality of estimates
  - Business rules for Alt Briefs (Titles)
- Implement common proposed ALT process (ESC Objective)
- Standardize Authorization Letters (ESC Objective)
- AIT Exception tracking & Standardized Tasking Letters
- Develop Software Management Process (ESC Objective)
- **Future:**
  - Standardize electronic drawing delivery process
  - Develop electronic FMP Product repository

# SPM WORKING GROUP

- Majority of the process issues involve SPMs
- SPM Working Group meeting held 22-23 October, 2002 at NAVSEA
  - Representative of each SPM and SPAWAR present at the meeting
- Addressed / resolved most of the process issues

# SPM WORKING GROUP SUMMARY

22-23 October, 2002

Minutes posted on FMP WEB Site

Working Group Leaders

# **JCF/SAR Issues (Alteration Approval)**

NNSY C-270  
757-396-5110

# Items Addressed

- TMA/TMI 1
- Approval process 2
- Timely CCB response 3
- Rapid alt process 4
- JCF/SAR estimates 5
- Additional JCF info required by SPM 6
- SAR/JCF level of detail 7
- Standardize briefs across SPMs 8

# Issues

- TMA/TMI
  - Discussed previously (under Strategic Goal #1)
- Rapid Alt Process
  - Working group determined that a rapid alt process in addition to the one in the FMP manual is not needed.
- SAR Level of Detail
  - The working group agreed that there was no need to change the level of detail in the SAR tech spec

# JCF/SAR Estimates

- Need to get the planning yards involved in the JCF estimates. Particularly for AIT alts that will be executed during CNO avails.
- Need a better definition of the services estimate in the SAR tech spec.
  - The service's estimate should include all required industrial support services to install the alteration. This should include but not be limited to: crane and rigger services, electricity, welding, compressed air, hazardous waste disposal, fire watch and scaffolding and staging.

# Standardize Briefs Across SPMs

- The JCF submitter should have control of the shipalt brief (standardization across ship classes)
- If the SPM requires a change should request the submitter to change.
- The submitter should insure that changes are promulgated across all ship classes.
- We need a document to change the JCF vice rev for brief changes.
- New capability = new alteration
  - Back-fit alteration required under some circumstances
- No changes after the SAR is signed

# Approval Process

## (Standardize Across the SPMs)

- **Issues discussed:**
  - Priority of the alt drives the speed of approval
  - PARMs want the SPMs to meet the A- timeline
  - PMS-400 is setting a goal of approval of the JCF in 60 days
  - PMS-312 is also setting a goal of approval of the JCF in 60 days

# Additional JCF Info Required by Some SPMs

- Items discussed
  - Based on a random review, most SARs contain similar level of detail
  - PMS400 reviewing the need for additional information for JCF approval
  - Differences in timing between SPMs (info in JCF vs SAR)

# JCF/SAR (Summary)

- PMS400 ongoing action to assess ability to process JCFs without additional information
  - Recognized that some additional information is required during the design process / not a failure of the JCF/SAR process
- Agreement that Shipalt Briefs (Titles) should not be changed
  - Formal process via JCF revision to change brief
  - New capability needs to be a new alt (ie., it's not OK to simply change the brief/intent of an Shipalt)
  - Back-fit needs to be separate alt
    - May be Field Change or Ord alt
- Better definition of Field Change is desired
- Enhanced definition of service estimates will be added to the tech spec
- Agreed impact to integrated systems and calibration should be flagged on JCF

# **Proposed Alterations**

# BACKGROUND

- Proposed alterations have been a part of legacy FMPMIS
  - Limited use of capability (SURFLANT, PEO(EXW), SPAWAR)
- SPAWAR programs Advance Alterations (Type “AA”)
  - Converted to Proposed Alts when databases are synchronized (planned)
- Proposed alteration process was added to the FMPMIS Manual
  - Sections 4-4.4.1 and 4-4.4.2

# OBJECTIVE

- “Implement a common proposed Alt process in NDE”
  - Assigned as an objective under the Common Process Goal from the new (Summer 2002) FMP Strategic Plan

# ISSUES

- Do we want Proposed Alterations in NDE?
  - Conclusion: Yes
- Should we modify the process where proposed alts are considered electronic JCFs?
  - Conclusion: Yes
    - Modify NDE to include all of the JCF data elements
    - Develop electronic JCFs in proposed alt module

The  
Existing (NDE)  
Proposed Alteration  
Electronic Process

New PA - Nothing entered at this point.  
Note: The DEFAULTED entries.  
Blank fields with Red check marks must be completed.

**Manage Alterations**

Type: SA Class: LHA 0001

Generic Alteration Information Programming Proposed Alterations

✓ ALT BRIEF:

✓ CAT CODE:

✓ EIC:

✓ ESWBS:

✓ ICANC:

✓ ILS IND:

✓ IM:

✓ MANDAT ACTY:

✓ MD INDUSTRIAL:

✓ REQUEST ID:

✓ SPM ACTION CODE:

✓ (PROPOSED) TITLE:

✓ ALT PURPOSE:

✓ ALT DESC:

CHG DATE:  SEQ NUM:

**FLAGS**

C4I IMPACT:

DRYDOCK REQ:

INTEROP ALT FLAG:

MANDATING ALT:

SAFETY ALT:

SUBSAFE IMPACT:

SURV ALT FLAG:

SYS CERT FLAG:

TEMPEST IMPACT:

TOPSIDE IMPACT:

Y or N

Post Clear Close Help Search Mandatory/Additional/

See next slide for a sample of entered data

Going through process of creating a new PA  
The REQUEST ID and SEQ NUM are system generated

**Manage Alterations**

Type: SA Class: LHA 0001

Generic Alteration Information Programming Proposed Alterations

✓ ALT BRIEF: STEVE MURRAY DEMONSTRATION

✓ CAT CODE: 0

✓ EIC: 0000

✓ ESWBS: 10010

✓ ICANC: 0

✓ ILS IND: N

✓ IM: 10

✓ MANDAT ACTY: (TBD)

✓ MD INDUSTRIAL: 10

✓ REQUEST ID:

✓ SPM ACTION CODE: R

✓ (PROPOSED) TITLE: K

✓ ALT PURPOSE:  
To show the basic PA input screens and the subsequent TP11 Worksheet

✓ ALT DESC:  
This is a K Alt and will mock the programming while in the PA module

CHG DATE: 06 Oct 2002 SEQ NUM:

**FLAGS**

C4I IMPACT: N

DRYDOCK REQ: N

INTEROP ALT FLAG: N

MANDATING ALT: N

SAFETY ALT: N

SUBSAFE IMPACT: N

SURV ALT FLAG: N

SYS CERT FLAG: N

TEMPEST IMPACT: N

TOPSIDE IMPACT: N

Post Clear Close Help Search Mandatory/Additional

See next slide for the Additional Page

This is the Additional Page.  
Nothing is really required to be entered on this page.

Manage Alterations

Type: SA Class: LHA 0001

Generic Alteration Information Programming Proposed Alterations

(PRO) ALT NUM:  Assign # Link to an Existing Alt # Change PA Alt Type

DISAPP REASON:

MD AIT:  MIL TECH IND: T

ORIG SHIP:

SAFETY PROB CODE:  RISK CODE:  SEV CODE:

SCDS IMPACT FLAG: N

SPM APPRVL DATE:

REVIEWER DATA:

PYD REVIEW DATE:  PYD REVIEWER ID:

SPM REVIEW DATE:  SPM REVIEWER ID:

REFERENCE:

SCDS DESC:

Post Clear Close Help

Search Mandatory Additional

After the new PA is posted, the Ship Data tab will become visible.  
See next slide

This is the page to make ship hulls applicable. It also can be used to ‘unofficially’ schedule the Proposed Alteration.

Selecting the ‘Program’ button results in the listing of Availabilities for the applicable ship

FY:FYA:	NSA:	AVL TYPE:	AVL START DATE:
2010	NORVA	DPMA	09-Aug-2010
2008	NORVA	PMA	04-Aug-2008
2006	NORVA	PMA	22-May-2006
2004	NORVA	PMA	26-Jan-2004

See next slide for producing the TP11 FMP Worksheet

## TP11 - FMP Worksheet

**TP11 FMP Worksheet**

**Search Criteria**

Class: LHA 0001 ↓

Ship: LHA 0002 ↓

**Fiscal Year (s)**

Begin: 2003 ↓

End: 2004 ↓

Alpha: ↓

**Select Titles**

All

K and P Alts

D, E, and F Alts

**Fleet**

Both

Atlantic

Pacific

**Sort By**

Alt Number

Amt Pri

Fiscal Year Descending

**include Alt Request data**

Active Records

**View Select**

Preview Report

Hard Copy

Save to a File

Note:  
To see PAs that have not been completely Approved, this box **MUST** be checked.

See next slide for results

Results of query for TP11 which includes PAs

TP11 FMP WORKSHEET

SORTED BY: Alt Number  
FLEET: ALL  
FISCAL YEAR(S) and Alpha : 2003 - 2004  
TITLE: ALL

CLASS	SHIP	NAME	FY	SPM	AVL TYPE	START DATE	FINISH DATE				
LHA	0001	LHA 0002 SAIPAN	2003	470 D	DED	24 FEB 2003	20 JUN 2003				
ALTERATION	TITLE	DEV	STATUS	SPM	AMT	PRJ	PRJ			DRY	INCIDENTAL
STAT	ALT	TYC	CODE	PRI	PAC	LANT	BRIEF	DOC	RISK	MTL	COST
ER 02900	00 E	A		F99			INSTALL MAPA-C				10
CLASS	SHIP	NAME	FY	SPM	AVL TYPE	START DATE	FINISH DATE				
LHA	0001	LHA 0002 SAIPAN	2004	470 D	PMA	26 JAN 2004	21 MAY 2004				
ALTERATION	TITLE	DEV	STATUS	SPM	AMT	PRJ	PRJ			DRY	INCIDENTAL
STAT	ALT	TYC	CODE	PRI	PAC	LANT	BRIEF	DOC	RISK	MTL	COST
SA 00971	00 D	H		F99			CHRIMP INSTALLATION				10
SA 01030	00 R			R			FOOD SERVICES/GALLEY MODS				10
PA	00 D			R			HVAC 3-125-1-A, 3-1221-1-A				10
PA	00 R			R			STEVE MURRAY DEMONSTRATION				10

Notes:

1. SA 00971 is an 'Official' SA that has been scheduled/programmed for installation.
2. SA 01030 is a PA that has been assigned an Alt Number but NOT approved yet. The key identifier is the SPM Code of 'R.'
3. The bottom two lines show PAs that don't have Alt Numbers assigned and still are awaiting SPM approval.

See next slide for additional comments.

## Additional Comments:

1. All PAs are contained in a separate database from the Generic 'Official' Alteration database.
2. A 'proposed' scheduling/programming of the installation during any future Availability for any PA can be performed in the Proposed Alteration module.
3. When the SPM officially approves a PA and assigns a valid Alt Number, the system will automatically transition the data record to the Generic 'Official' Alteration database.
  - a. All ship applicability is retained.
  - b. For Title 'D' and 'F' Alts, the scheduling/programming information is retained.
  - c. For Title 'K' Alts, the scheduling/programming information is NOT retained. That must be performed separately in the Program Module.
4. SPM can disapprove a PA / Eliminate from TP11 Report

# Comments

- Only SPM (SPM Role) can enter Title K, D, & F alts into the system
- Tycom (Tycom Role) can enter AERs into the system
- Anyone with Alteration Update role can enter Proposed Alts
  - Optional e-mail can be sent to “Rapid Alt Team” notifying them of the new Proposed Alteration
- All Tycom and Update roles must be approved by the cognizant SPM

# AUTOMATED JCF PROCESS

- NDE will be modified such that developing a Proposed Alt is equivalent to submitting a JCF?
  - JCF Form includes 53 elements
  - 34 out of 53 elements are currently in NDE
    - 10 of the missing elements are concurrence signatures or POCs / 9 of the missing elements are data elements
  - 21 out of 53 elements are currently in the Proposed Alteration input module
  - 12 elements in the Proposed Alteration input module are not on the JCF Form
  - **Action assigned to JCF/SAR working group**

IN NDE	JCF DATA FIELDS	PROPOSED ALT DATA ELEMENTS	OTHER PROPOSED ALT DATA ELE
Y	ShipAlt Identification:		Date Submitted
	Ship Class		Reference
	ShipAlt # (Not the same as	Sequence # /Proposed Alt #	Survivability Alt
	ShipAlt Title	Proposed Alt Title	ICANC
	ShipAlt Revision		SPM Action Status Code
Y	ESWBS	ESWBS	SPM Approved Date
Y	Brief	Brief	Mandating Activity
Y	Purpose (Field in NDE is descriptive	Purpose	Mandatory Alt
Y	Justification for Alteration	Description	Disapp Reason
Y	Material		Military Tech Indicator
Y	Applicable Ships (Only on Ship Class		Planning Yard Review ID
Y	Ship Class		Planning Yard Review Date
N	First Install	Original Ship	
N	Required Prior or Concurrent Alts		
Y	C5I Impact (C4I now)	C4I Impact	
Y	Drydock Required (Y/N)	Drydock Required	
Y	Subsafe Impact (Y/N)	Subsafe Impact	
Y	Distributive systems Impact (Y/N)	SCDS Impact	
Y	Sys Certification (Y/N)	System Cert.	
Y	Tempest Impact (Y/N)	Tempest Impact	
Y	Topside Impact (Y/N)	Topside Impact	
Y	WT & MT Impact (Y/N)		
Y	AIT Capable (Y/N)		
Y	Safety Alt (Y/N)	Safety Severity Code/Probability/Risk	
ILS Req'd	ILS Affected (Y/N)	ILS Indicator	
N	Shipboard Stowage Affected (Y/N)		
N	Industrial Stowage Affected (Y/N)		
N	Aviation Impact (Y/N)		
N	ICD's Required (Y/N)		
Y	TMA/TMI (Y/N)		
Y	ACAT I-IV (Y/N)		
Y	Interoperability Alt (Y/N)	Interop Alt	
N	Other Systems Interface		
Y	IBOM		
Y	Category Code	Cat Code	
Y	Cost Indicator (A,C,D,F,X)		
Y	Implementation Level Code (D,I,T,F)		
Y	Material Costs		
Y	Installation Mandays	Ins Industrial MDs & Ins AIT MDs	
Y	DSA Mandays		
N	TOC		
N	Priority		
N	SAR Preparer	Requester	
N	SAR Approver	SPM Review ID	
	JCF Submitter		
	Lead LCM (Logistics)		
	ENGN Dir.		
	System TPOC		
	SEA 08		
	TYCOM		
	Other		
	SPM		

# Proposed Alteration Process (Summary)

- Agreed Proposed Alteration capability should be retained
- Agreed that NDE should be modified to accommodate electronic JCFs (Electronic JCF = Proposed Alt)
  - Only a few of the JCF elements are not currently in NDE
  - A few elements are in the Proposed Alt Modules but not on the JCF
  - Working group to review JCF/Proposed Alt/NDE elements
  - SPM approves JCF via CCB and approved proposed alt via NDE
- Short Term Implementation Plan:
  - 1 Year transition period to educate JCF developers (typically don't use FMPMIS/NDE)
  - Required for all Alterations (currently required for D/F/AER and optional for K alts)
  - JCF hard copy report with signatures
- Long Term Implementation Plan:
  - Electronic Signatures / Electronic Workflow

# Authorization Letters

# Background

- Advance Planning and Shipalt Authorization Letters are required per Chapter 10 of the FMP Manual
  - Issued at A-12 or as late as A-6 with agreement from the NSA
- All SPMs issue Authorization Letters but....
  - Different Formats/Content
  - Different practices pursuant to inclusion of non-K alts
  - Different practices pursuant to inclusion of NDE-NM 4720 (Material) reports
  - Problems with NDE-NM alt programming information matching the Authorization Letter
    - Some SPMs issue timely revisions, some SPMs don't revise their initial letter and some Tycoms don't even issue letters
- Recipients want consistency

# Objective

- “Standardize content of letters of authorization”
  - Assigned as an objective under the Common Process Goal from the new (Summer 2002) FMP Strategic Plan

# Letter Issues

- FMPMIS/NDE agreement with list of alterations
  - Timely issue of changes
- List of Alterations
  - K Alts, D Alts, AITs, and other Alts (Ordalts, Engineering Changes, Field Changes, AERs, MACHALTs, installation by Forces Afloat)
- Funding Statement
- Change Process
- Common Format

# FMPMIS/NDE Doesn't Match the Authorization Letter

- Complaint from the FMP Conference that some alts were not Authorized for accomplishment by the SPM in FMPMIS/NDE even though the alt was included on the Authorization Letter
  - Alt\_Stat Code “A” - Applicable-Not Authorized
  - Alt\_Stat Code “B” - Applicable And Authorized
  - Alt Status Codes changes from A to B when an Alteration is scheduled for an availability
    - Some SPMs admitted that FMPMIS/NDE was not being updated since the authorization letter provided the “authorization”

# FMPMIS/NDE Doesn't Match the Authorization Letter

- Carrier Example (CVN74 02/03 PIA)
  - 33 K alts listed on letter (Feb 02 (A-5.5))
    - No changes issued
  - 29 K alts in FMPMIS (Oct 02)
    - 2 alts in FMPMIS that are not listed on the letter
    - 6 alts on the letter not in FMPMIS
  - Currently executing 30 K alts
    - 5 alts on Authorization Letter not being worked
    - 3 alts not on letter but being executed
      - 2 in FMPMIS
      - 1 not in FMPMIS (late add)

# FMPMIS/NDE Doesn't Match the Authorization Letter

- **Agreement: FMPMIS/NDE must be kept up-to-date with Alteration Programming Changes**
- D-30 Baseline should also be reviewed
- **Action:** Steve Murray submit a proposed change to FMP Manual Chapter 10 to add the requirement that NDE-MN must be kept up-to-date and to review the D-30 baseline

# Electronic (Optional) Process

- Issue initial Authorization Letter at A-12
- Define in the letter a change control process
  - Official changes to the letter or
  - Electronic Process
    - NDE updated
    - NDE generated e-mail notification of addition or deletion
    - This is the process that is being utilized by some SPMs and Tycoms
  - **Recommendations:**
    - Add electronic notification feature (option) to NDE
    - Require change control process be specified in the letter

# Review of Sample Authorization Letters for List of Alts Included

- FMP Manual Requirements

## 10-2.1 Scope

This subsection addresses SHIPALT Authorization Letters which specify to the NSA/ SHAPEC the Title “K” and “KP” SHIPALTs, ORDALTs, and MACHALTs including AIT Installations which are to be accomplished during a specific ship availability.

- Provide the authorization for those alterations specifically programmed for accomplishment in a particular availability in the FMP by the CNO. Alterations to be installed by an AIT are also listed and the AIT activity is identified.

# Review of Sample Authorization Letters for List of Alts Included

<b>SPM</b>	<b>K Alts</b>	<b>D Alts</b>	<b>AITs</b>	<b>Ord Alts</b>	<b>Field Chng</b>	<b>Software</b>
PEO(CV)	X		X	X	X	
PEO(EXW)	X		X	X	X	X
PEO(MUW)	X	X	X	?	?	
PEO(TSC)	X		X	X	X	
PEO(SUB)	X		X	X	X	

# Review of Sample Authorization Letters for List of Alts Included

- Conclusions:
  - Most letters contain required lists of alts
  - Recommend FMP Manual wording be modified to read:
    - Title “K” and **“KP”** Shipalts, ORDALTs, and MACALTs including AIT installations
    - Continue to exclude Title D alts and AERs

FMP Manual Chapter 12:

- H. Title "D" and "F" SHIPALTs shall be programmed in NDE-NM in time to permit the design process to commence at Start Of Availability (A)-12.
- i. TYCOMs are responsible for **authorizing**, scheduling and executing Title "D" and "F" SHIPALTs and AERs.

# **Review of Sample Authorization Letters for List of Alts Included**

- **Conclusions:**
  - More information to follow on Software....
    - Software working group is developing the policies for managing software installation
    - Requirements to include software installation in the authorization are being considered

# Review of Sample Authorization Letters for Other Attributes

<b>SPM</b>	<b>Reports &amp; Estimates</b>	<b>Special Instructions</b>	<b>AIT Instructions</b>	<b>Support Organization (PY/NSA/etc) Instructions</b>
PEO(CV)	X	X	X	X
PEO(EXW)			X	
PEO(MUW)	X		X	X
PEO(TSC)	X		X	X
PEO(SUB)	X		X	

# Summary of Recommendations

- Agree on Minimum Content
  - Authorization / Availability info
  - Planning Activities
  - List of Authorized Work
  - Funding Statement
  - Material Information
  - Activity Responsibilities
  - Change Control Process
    - Letter Revisions or NDE/e-mail
  - Points of Contact

# Summary of Recommendations

- Update FMP Manual with minimum requirements
- Include **recommended** template in FMP Manual
  - Review proposed template (Breakout Session)
- Add electronic notification feature to NDE
  - Update FMP Manual to allow use of electronic updates after initial authorization letter is issued (Breakout Session)

# Miscellaneous Issues

# Standardized DSA Elements

- Previous SPM Action to review algorithm for generating DSA and work with OPNAV sponsor to fully fund
  - EXW/TSC/MUW plan to get together and present a united front
- Recommendation was to continue to fund DSA as a percentage of installation man-days
- FMP Manual requires SPM fund 1st time SIDs for D alts
  - TSC and SUB do while CV, EXW, and MUW don't
- Similar problem with ILS funding for D alts
- D alts should also generate DSA....unresolved who should fund (OPNAV Ship Sponsor or Fleet)
  - **ESC Action to make final determination**
    - Unresolved issue from business/financial subcommittee

# AIT / Temp Alts

## AIT

- Inside CNO availability, the NSA should be tracking exceptions
  - Needs to be a hand-off process where install/testing/deficiencies go beyond the availability
- Reviewing AIT tech spec for contractual issues associated with tasking and tasking letter content

## Temp Alt

- Temp Alts should be submitted to the SPM as proposed alts
  - FMP Manual requires JCF / Some SPMs using a Temp Alt package
  - Reviewing NDE process to flag temp alts

# PY Common Metrics Proposal

## SCHEDULE

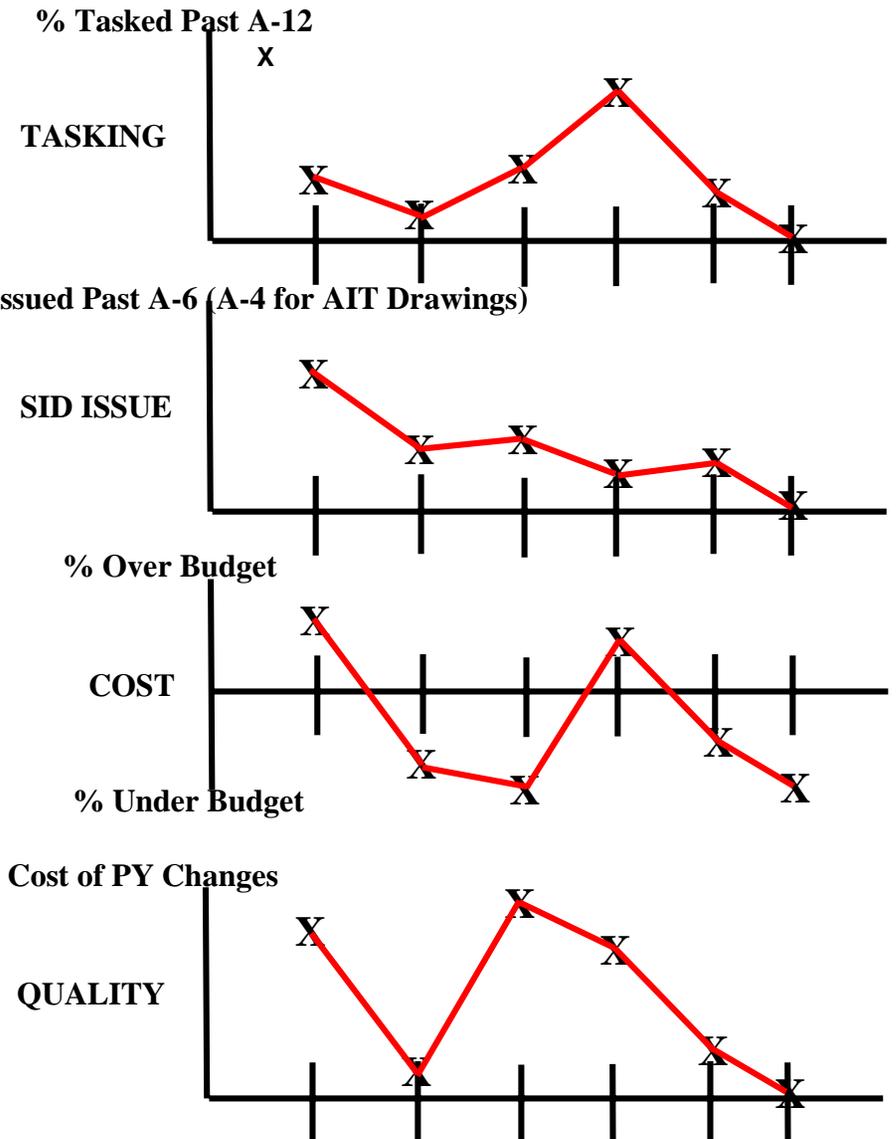
- Tasking to milestone
  - How timely did customers task the PY to A-12 FMP Milestone?
  - Measures churn
- Delivery to promised date
  - How well did the PY meet FMP A-6 / A-4 Milestone?
  - Measures PY responsiveness

## COST

- PY Development cost variance
  - What was product cost compared to budget?
  - Measures PY efficiency

## QUALITY

- Install cost growth attributable to design
  - How much growth was associated with design deficiencies?
  - Measures quality of PY products



# **Additional Working Group Reports**

- Software
  - NAVSEA 04M

# Action Item Summary

- P-65: Address the TMA/TMI issues from the Fleet Strategic Goals
- P-66: Develop FMP processes to manage the certification and installation of software
- P-67: Implement JCF/SAR Technical Specifications
- P-68: Implement Proposed Alteration Process
- P-69: Standardize Authorization Letters
- P-72: Address AIT related issues
- P-73: Develop process to flag Temp AIs in NDE and convert to type TMP when approved by SPM

## **Future:**

- P-70: Standardize Electronic Drawing Delivery
- P-71: Develop a FMP Product Electronic Repository

# ACTION ITEM SUMMARY

ALTERATION APPROVAL	SOFTWARE	EXECUTION PLANNING	AIT
TMA/TMI Process	Software Tracking	Authorization Letters:	Exception Tracking
<b>JCF/SAR Implementation:</b> - Alt Brief revision process - Service Estimates - Additional Info required? - Integrated system & calibration flags? - Integrate JCF and Proposed Alts data elements	Software Installation Process	- Optional electronic update process - Template	Standardized Tasking Letters
			Contractual Issues
Temp Alt process in NDE			

# Plan of Attack

- Break into Working Groups (1000 Weds)
  - SPM Working Group
    - JCF/SAR
    - Execution Planning
  - AIT
  - Software?
- Resolve existing action items
- Report to Planning Subcommittee (1500 Weds)
  - Remaining issues to resolve
  - Recommendations for new issues / action items
- Break back into Working Groups (0800 Thurs)
- Update/Plan of attack / wrap-up (1030 Thurs)

Planning Subcommittee

Past

FMP Process Improvement

Recommendations

# SUBCOMMITTEE PRIORITIES FROM JUL 01 CONFERENCE

- **Standardize RMMCO Processes**
- **COTS**
- **Electronic Distribution of FMP Products**
- **SPM Authorization Letters: Standardize Process**
- Joint Service/MSC/Coast Guard/FMS Interface with FMP
- Non-SPM FMPMIS Input process
- Improve Speed and Agility
- NAVAIR interfaces
- **Software**
- SSR/End of Overhaul Revisions

# SUBCOMMITTEE PRIORITIES FROM JAN 02 CONFERENCE

- **Management of Software Installations**
- Roadmapping / Distributive system impacts
- **FMP Product Repository**
- **Standardize SPM Process**
- Transition from SCN to FMP
- **Reduce SPM Cycle Time**
- Shipyard AIT Support Service Costs
- BG/Alt (IT21 matrix) churn
- Integration of availability work
- **Metrics / Process Discipline**
- Funding
- **Common S/A Briefs/Names/Designators**
- Firm Baseline by D-28
- Work integration during non-CNO avails
- Fleet involvement with scheduling

# Customer Input / Issues (Jul 02)

- Informal survey conducted:
  - Level of detail required on SARs by SPMs not consistent
  - Approval of JCF/SAR takes too long
  - Shouldn't use the same approval process for simple and complex alterations
  - Need an electronic repository with Drawings, SARs, ILS Cert Sheets, etc.
  - Need a consistent method for electronic drawing delivery
  - Poor estimates on JCFs/SARs cause budgeting problems

# Proposed FMP Process Improvements

- Standardize Electronic Drawing Delivery
- Develop an FMP Product Electronic Repository
- Firm Baseline by D-28 (Position Paper)
- Standardize Advance Planning Letters
- Implement CONOPS
- Rapid Alteration Process
- Others??
  - Plan to discuss within Subcommittee