



NBC Defense Equipment Reconstitution





OVERVIEW



- **PURPOSE**
- **BACKGROUND**
- **OBJECTIVES**
- **ASSUMPTIONS**
- **CENTRALIZED MANAGEMENT PROS / CONS**
- **GENERAL COA APPROACH**
- **COURSES OF ACTION (COAs)**
- **CHALLENGES**
- **SUMMARY**



PURPOSE



- **TO PRESENT A PARADIGM SHIFT IN THE MANAGEMENT OF NBC DEFENSE EQUIPMENT**
- **TO ENHANCE FUTURE OPERATIONAL FORCE CAPABILITIES BY CENTRALLY MANAGING NBC DEFENSE EQUIPMENT IN ORDER TO ESTABLISH AN IMMEDIATE AND SUSTAINABLE STATE OF READINESS IN CONJUNCTION WITH RECONSTITUTION**



BACKGROUND



- GAO, DODIG, AND NAVAL AUDITS HAVE CONSISTENTLY IDENTIFIED SHORTFALLS IN OUR ABILITY TO MANAGE NBCD EQUIPMENT AND ACCURATELY REPORT READINESS.
- PM NBCD BRIEF TO PP&O INTEGRATION DAY – DEC 02
 - “TO OBTAIN CONCURRENCE ON A STUDY / ILA ABOUT A CHANGE TO THE CONCEPT OF SUPPORT FOR THE NBCD COMMODITY”
- CONDUCT ILA PER MCO 4200.33 CLS
 - REDUCE LOGISTICS BURDEN FROM 57XX
 - IMPLEMENT OPTIMUM SUPPORT
- STUDY ADVISORY GROUP FORMED - FEB 2003
 - MEMBERS: PP&O, I&L, MCCDC, MARCORSYSCOM, MARFORPAC, MARFORLANT
 - INITIAL SAG BRIEF 27 FEB 2003
 - ILA AND AOA INITIATED
- PP&O AND I&L REQUEST PM NBCD DEVELOP **INTERIM** PROCESS TO ENSURE READINESS PROBLEMS ADDRESSED AS PART OF RECONSTITUTION - MAR 2003
- INDUSTRIAL BASE ISSUES



OBJECTIVES



- **RECONSTITUTE NBC DEFENSE ASSETS – MEU / MPF / MARFORs / GLOBAL WAR ON TERRORISM**
- **RELIEVE OPERATIONAL FORCES FROM LOGISTICS MANAGEMENT OF NBC DEFENSE ASSETS IN GARRISON**
- **IMPROVE AND SUSTAIN MAGTF NBCD OPERATIONAL READINESS**
 - **CENTRAL MANAGEMENT (TO INCLUDE FUNDING REQUIREMENTS)**
 - **TRAINING**
 - **EQUIPMENT**
 - **TAV**
 - **SUPPLY**
 - **MAINTENANCE**



RECONSTITUTION ASSUMPTIONS



- **INITIAL DEMAND EXCEEDS PRODUCTION CAPACITY & IMPACTS RECONSTITUTION**
- **PENDING TIMELINE, NEWLY FIELDDED EQUIPMENT MAY BE USED TO REPLACE LEGACY ITEMS**
- **RECONSTITUTION OF NBCD ASSETS TIME PHASED (4 YRS) TO ENSURE MAXIMUM BENEFIT DERIVED FROM JOINT FUNDING AND REPLACEMENT CONSIDERATIONS.**



CENTRALIZED MANAGEMENT ASSUMPTIONS



- STATUS QUO FOR NBCD EQUIPMENT MANAGEMENT WILL NOT SOLVE READINESS CONCERNS
- MARFORRES NBCD EQUIPMENT REMAINS AT DFW
- PRIORITIES
 - I MEF AND II MEF
 - HI - AS ALREADY PLANNED
 - OKI - AS ALREADY PLANNED FOR FY05
- NO REDUCTION IN 57XX MANPOWER
- INCREASE IN 57XX OPERATIONAL RESPONSIBILITIES (ADVISOR TO CO / STAFF; PLAN, COORDINATE, IMPLEMENT, AND SUPERVISE COMMAND NBCD TRAINING PROGRAMS; CONDUCT / INSTRUCT NBCD RECON, DETECTION, REPORTING, DECON / CONTROL CENTER OPERATIONS)
- PENDING TIMELINE, NEWLY FIELDDED EQUIPMENT MAY BE USED TO REPLACE LEGACY ITEMS
- FOX VEHICLE, MEDICANTS, AND INDIVIDUALLY ISSUED MASKS / ASSOCIATED TEST EQUIPMENT WILL BE CENTRALLY FUNDED, BUT MANAGED BY UNITS
- TRAINING ALLOWANCE (T/A) FOR UNITS WILL BE ESTABLISHED BY MCCDC WITH INPUT FROM USING UNITS.



CENTRALIZED MANAGEMENT PROS



- **SIGNIFICANTLY IMPROVES READINESS**
 - **OPERATIONAL READINESS**
 - REDUCES LOGISTICS BURDEN FOR 57XX ALLOWING MORE TIME FOR OPERATIONS AND TRAINING
 - REQUIRED READINESS LEVEL WILL BE SUSTAINED
 - **EQUIPMENT READINESS**
 - IMPROVES ACCURACY IN ASSET ACCOUNTABILITY AND SERVICEABILITY REPORTING
 - REDUCES DAMAGE AND LOST EQUIPMENT DUE TO EXCESSIVE HANDLING (I.E. ACCOUNT TURNS)
 - INCREASED ABILITY TO MEET TOTAL FORCE SURGE REQUIREMENTS AND SUSTAINMENT NEEDS
 - INCREASED ABILITY TO MEET UNIT SPECIFIC TARIFF REQUIREMENTS
 - **FLEXIBILITY**
 - REGIONAL CO-LOCATED ASSETS
 - CENTRALIZED – CONTINGENCY ASSETS
 - MDSSII DATA PROVIDED TO UNIT
 - ABLE TO MEET TPFDD TIMELINE
- **MAXIMIZES EFFICIENCY**
 - **ASSET MANAGEMENT – TOTAL ASSET VISIBILITY (TAV)**
 - REQUIRES FEWER PERSONNEL TO MAINTAIN EQUIPMENT
 - REDUCES TOTAL FORCE WAREHOUSE FOOTPRINT
 - INCREASES EFFECTIVENESS OF TOTAL FORCE SHELF LIFE MANAGEMENT PROGRAM
 - IMPROVES ACCURACY OF SHELF-LIFE REPORTING
 - SHELF LIFE EXTENSION TESTING
 - FIRST IN/FIRST OUT
 - REDUCES TIME REQUIRED TO PHYSICALLY IDENTIFY AND REMOVE EXPIRED AND/OR FAILED LOTS



CENTRALIZED MANAGEMENT PROS



- **MAXIMIZES EFFICIENCY (CONTINUED)**
 - ENHANCES CONTROL/REPORTING OF HAZMAT AND EQUIPMENT CONTAINING RADIOACTIVE SOURCES
 - IMPROVED ACCOUNTABILITY FROM MANUFACTURER TO FINAL DESTINATION DURING INITIAL FIELDING
 - **FUND MANAGEMENT**
 - DEDICATED REPLACEMENT/REPAIR FUNDING
 - BETTER POM REQUIREMENTS INSIGHT
 - STABILIZES FUNDING REQUIREMENTS
- **SIGNIFICANT REDUCTION IN COST (LONG-TERM)**
 - REDUCED PERSONNEL (MARINE MAN HOURS AT UNIT LEVEL VS CLS)
 - REDUCED REPLACEMENT COSTS DUE TO REDUCED LOSSES



CENTRALIZED MANAGEMENT CONS



- **COMMANDERS PERCEPTION**
 - **OWNERSHIP**
 - **AVAILABILITY**
- **O&M FUNDS**
- **ASSET VULNERABILITY**
- **TRAINING ALLOWANCE (T/A)**
- **PROCESS FOR REPORTING READINESS BY UNIT ON SORTS**

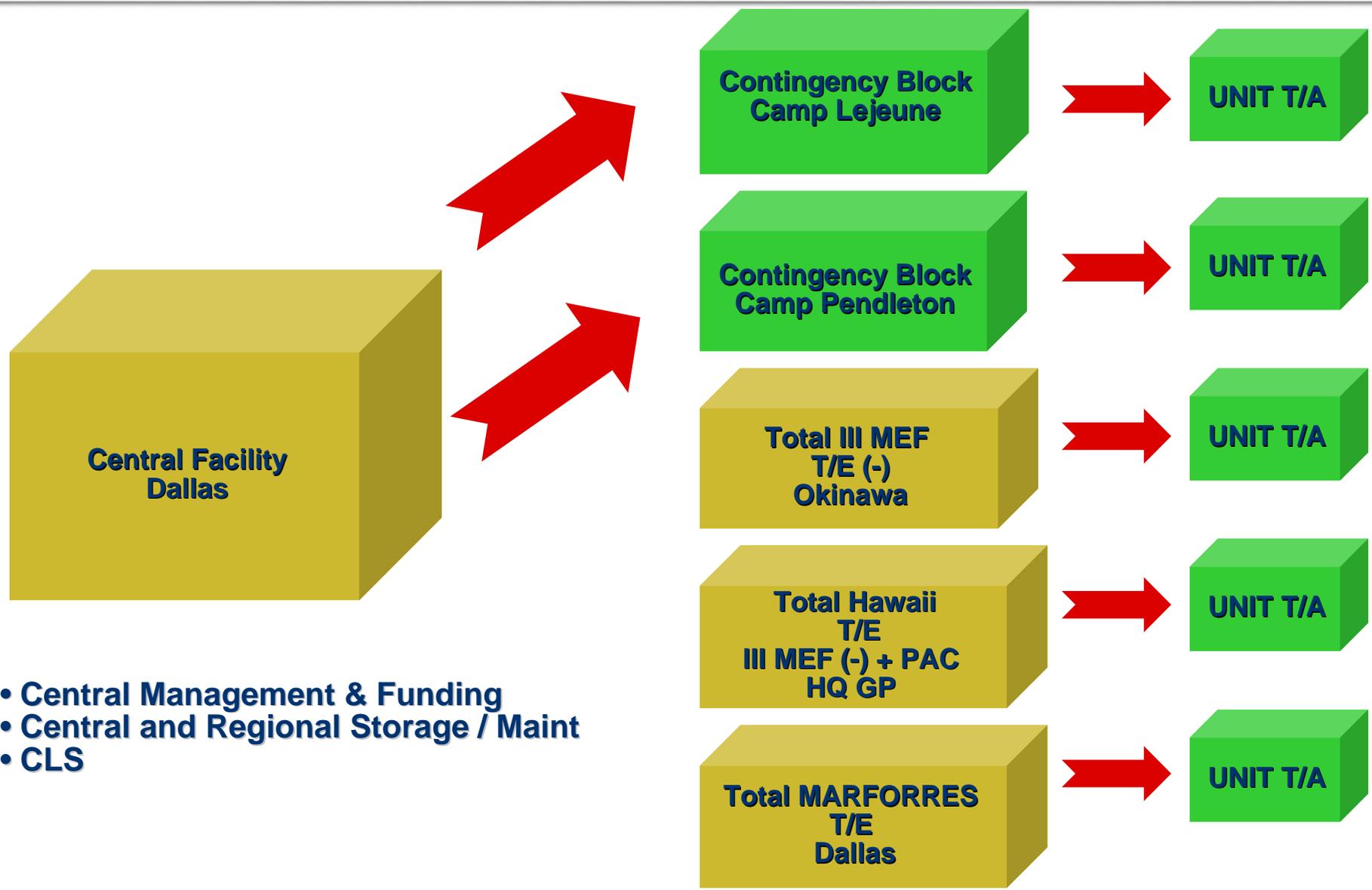


GENERAL COA APPROACH

- IDENTIFY NBCD EQUIPMENT / MEDS NOT IN THEATRE (CONUS / OCONUS)
- SUPPORT MPF / MEU RECONSTITUTION
- RECONSTITUTION ASSETS SHIPPED TO DESIGNATED FACILITIES
- MARFORPAC / LANT SHIP CONUS ASSETS TO DESIGNATED FACILITIES
- REPLACE / REPLENISH / MAINTENANCE / TAG / DISPOSAL
- GAIN TAV
- TRAINING ALLOWANCE TO UNITS
- CENTRAL MANAGEMENT TEAM TO III MEF ADDRESSING / SOLVING DEFICIENCIES / TARIFF / SHELF LIFE ISSUES
- CENTRALIZE FUNDING AND MANAGEMENT OF ALL MARFOR NBCD EQUIPMENT



COA 1



- Central Management & Funding
- Central and Regional Storage / Maint
- CLS



COA 1 APPROACH



CENTRAL FACILITY DALLAS STANDS UP

- RBE / MARFOR CONUS / RECONSTITUTION ASSETS TO DALLAS
- ASSETS REPLENISHED / REPLACED / REPAIRED / CALIBRATED / TAGGED / TARIFF
- GAIN TAV
- SORTS REPORTING AS BN LEVEL CAPABILITY RECONSTITUTED
- PRIORITY CONTINGENCY ASSETS SHIPPED TO CAMPS LEJEUNE AND PENDLETON (MEB / 2 MEU)
- MARFORRES RECONSTITUTED / GAIN TAV
- TRAINING ALLOWANCE (T / A) TO ALL ACTIVE / RESERVE UNITS
 - COMBAT STOCKS INCLUDE CLASS VII AND SOME CLASS II
 - CENTRALLY FUNDED FOR REPLACEMENT / REPLENISHMENT / REPAIR (INCLUDES INDIVIDUALLY ISSUED MASKS AND TEST EQUIPMENT)



COA 1 APPROACH CONT



CAMPS LEJEUNE AND PENDLETON STANDUP

- MEU ROTATION PACKAGES REPLACED / REPLENISHED / REPAIRED
- DISTRIBUTION BASED ON MARFOR / MEF OPLAN TIMELINES
 - MDSSII CREATED AND PASSED TO UNIT(S)
 - ASSETS EMBARKED IN 50 CU / TAC MARKED / LOGMARS LABELED
 - EQUIPMENT READINESS DATA PROCEDURES, TO BE ESTABLISHED

CENTRAL MANAGEMENT TEAMS TO III MEF FOR T/E DEFICIENCIES,
TARIFF / SHELF LIFE ISSUES, GAIN TAV

CENTRAL FACILITY WILL HAVE OVERALL USMC TAV AND CENTRALLY
MANAGE PROGRAM SHELF LIFE, CALIBRATION, AND TARIFF
REQUIREMENTS FOR EACH FACILITY

ORGANIZATIONAL MAINTENANCE CONDUCTED ON ALL ASSETS BY
CLS STAFF



COA 1 COST DETAILS



	DALLAS	LEJEUNE	PENDLETON	MFR	OKI	HI
FACILITY SIZE:	80K	30K	30K	SQ	FY- 05	COLOC
CLS MANNING:	7	4	4	(5)	2	2

REGIONAL EAUs IN GENERAL SUPPORT OF EACH FACILITY

YEARLY RECURRING COST AFTER YR 4: \$ 1,954,551



COA 1 OVERHEAD MANAGEMENT COST DETAILS



FACILITIES AND PERSONNEL COSTS

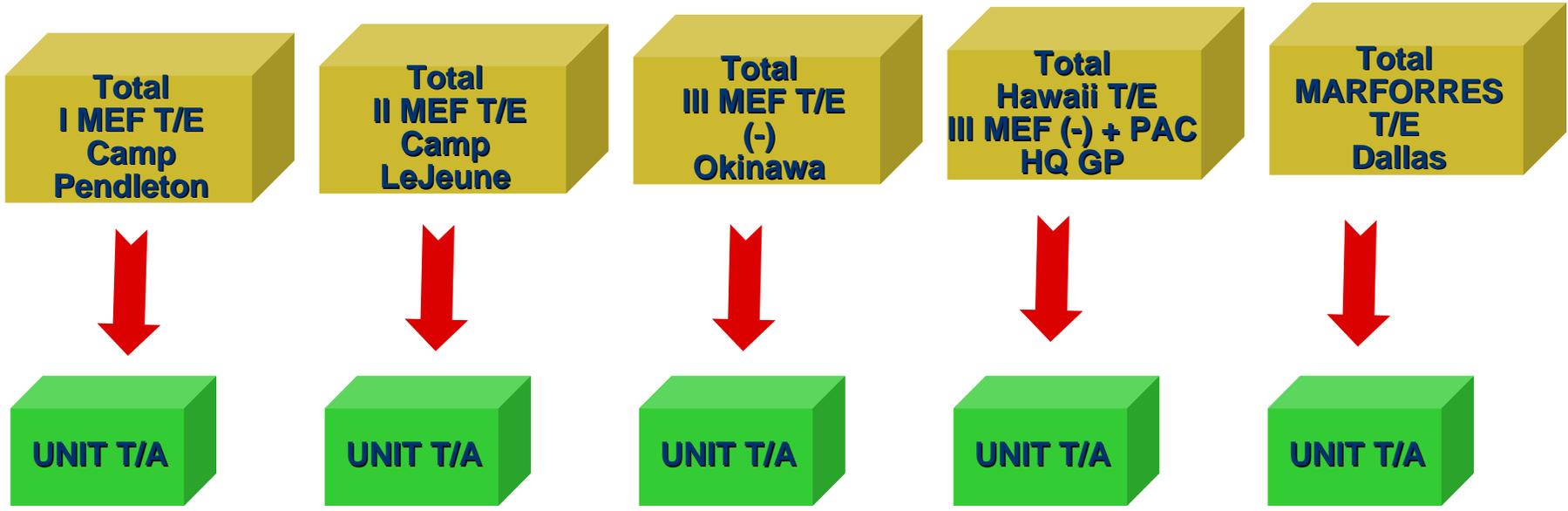
• FACILITIES	\$ 243,200
• LOGISTICS SYSTEMS MATERIEL AND INSTALLATION (LSMI)	\$ 818,400
• (INCLUDES UPGRADES, RACKING, FORKLIFTS, ETC)	
• CLS MANPOWER: 19 PERSONNEL	\$ 1,155,660
• OPERATIONS AND TRAINING	\$ 3,144,412
• SUB TOTAL	\$ 5,361,672

NBC DEFENSE EQUIPMENT BUYS YEAR 1	\$19,638,328
TOTAL	\$25,000,000

- FACILITIES COST IS LEASE COST AT DALLAS ONLY
- NO LEASE COST AT LEJEUNE AND PENDLETON – GOVERNMENT FACILITIES
- LSMI AT DALLAS MINIMAL (NO SIGNIFICANT FACILITY UPGRADES) BASED ON SSSF DATA
- LSMI AT LEJEUNE AND PENDLETON ASSUMES MODERATE FACILITY UPGRADES BASED ON CIF DATA



COA 2



- Central Management & Funding
- Regional Storage / Maint
- CLS



COA 2 APPROACH



CAMP LEJEUNE AND CAMP PENDLETON STAND UP

- RBE / ACTIVE DUTY MARFOR CONUS / RECONSTITUTION ASSETS TO LEJEUNE AND PENDLETON RESPECTIVELY
- ASSETS REPLENISHED / REPLACED / REPAIRED / CALIBRATED / TAGGED / TARIFF
- GAIN TAV
- SORTS REPORTING AS BN LEVEL CAPABILITY RECONSTITUTED
- MEUs PROVISIONED FROM LEJEUNE AND PENDLETON FACILITIES
- MARFORRES RECONSTITUTED AT PRESENT SITE / GAIN TAV
- TRAINING ALLOWANCE (T/A) TO ALL ACTIVE / RESERVE UNITS
 - COMBAT STOCKS INCLUDE CLASS VII AND SOME CLASS II
 - CENTRALLY FUNDED FOR REPLACEMENT / REPLENISHMENT/ REPAIR (INCLUDES INDIVIDUALLY ISSUED MASKS AND TEST EQUIP)



COA 2 APPROACH CONT

- DISTRIBUTION BASED ON MARFOR / MEF OPLAN TIMELINES
 - MDSSII CREATED AND PASSED TO UNIT(S)
 - ASSETS EMBARKED IN 50 CU / TAC MARKED / LOGMARS LABELED
 - EQUIPMENT READINESS DATA PROCEDURES, TO BE ESTABLISH
- CENTRAL MANAGEMENT TEAMS TO III MEF FOR T/E DEFICIENCIES,
TARIFF / SHELF LIFE ISSUES, GAIN TAV
- CENTRAL MANAGEMENT TEAM (LOCATION TBD) WILL HAVE OVERALL
USMC TAV AND CENTRALLY MANAGE PROGRAM SHELF LIFE,
CALIBRATION, AND TARIFF REQUIREMENTS FOR EACH FACILITY
- ORGANIZATIONAL MAINTENANCE CONDUCTED ON ALL ASSETS BY
CLS STAFF



COA 2 COST DETAILS



	CENT MGT TM	LEJEUNE	PENDLETON	MFR	OKI	HI
FACILITY SIZE:	N/A	60K	62K	SQ	FY- 05	COLOC
CLS MANNING:	3	7	7	(5)	2	2

REGIONAL EAUs IN GENERAL SUPPORT OF EACH FACILITY

ANNUAL RECURRING COST AFTER YR 4: \$1,920,892



COA 2 OVERHEAD MANAGEMENT COST DETAILS



FACILITIES AND PERSONNEL COSTS:

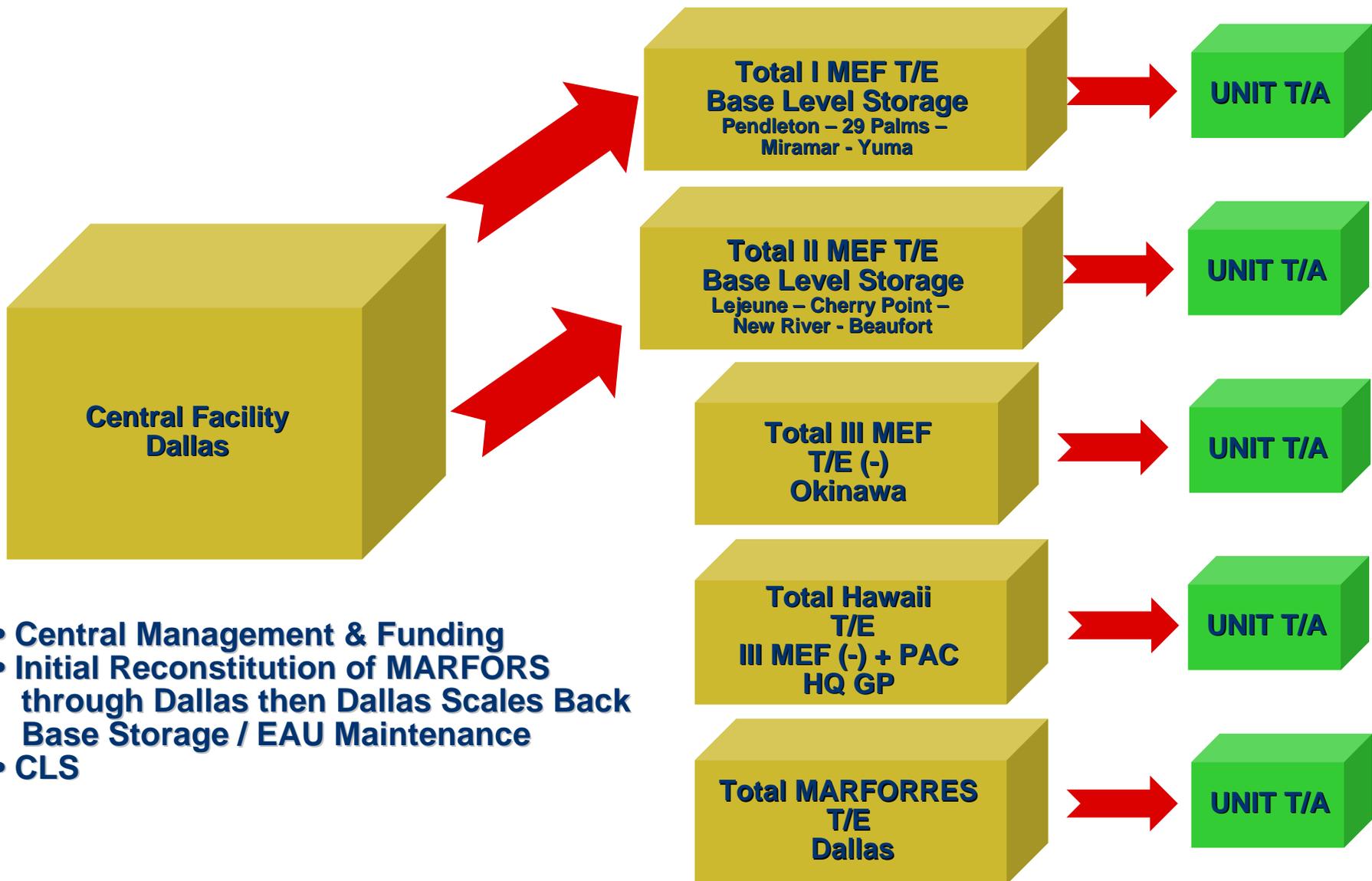
• FACILITIES	\$ 0
• LOGISTICS SYSTEMS MATERIEL AND INSTALLATION (LSMI) (INCLUDES UPGRADES, RACKING, FORKLIFTS, ETC)	\$ 1,098,000
• CLS MANPOWER: 21 PERSONNEL	\$ 1,502,820
• OPERATIONS AND TRAINING	\$ 2,980,000
• SUB TOTAL	\$ 5,580,820

NBC DEFENSE EQUIPMENT BUYS YEAR 1	\$19,419,180
TOTAL	\$25,000,000

- NO LEASE COST AT LEJEUNE AND PENDLETON – GOVERNMENT FACILITIES
- LSMI AT LEJEUNE AND PENDLETON ASSUMES MODERATE FACILITY UPGRADES BASED ON CIF DATA



COA 3



- Central Management & Funding
- Initial Reconstitution of MARFORS through Dallas then Dallas Scales Back Base Storage / EAU Maintenance
- CLS



COA 3 APPROACH



CENTRAL FACILITY DALLAS STANDS UP

- RBE / MARFOR CONUS / RECONSTITUTION ASSETS TO DALLAS
- ASSETS REPLENISHED / REPLACED / REPAIRED / CALIBRATED / TAGGED / TARIFF
- GAIN TAV
- SORTS REPORTING AS BN LEVEL CAPABILITY RECONSTITUTED
- PHASED FACILITY STAND UP BASED ON PRIORITIES
- CAMPS LEJEUNE AND PENDLETON FIRST PRIORITY DUE TO MEU BLOCK AND CONTINGENCY REQUIREMENTS
- SUB-STORAGE LOCATIONS ESTABLISHED BASED ON FACILITIES
- MARFORRES RECONSTITUTED / GAIN TAV
- TRAINING ALLOWANCE (T/A) TO ALL ACTIVE / RESERVE UNITS
 - COMBAT STOCKS INCLUDE CLASS VII AND SOME CLASS II



COA 3 APPROACH CONT



- CENTRALLY FUNDED FOR REPLACEMENT / REPLENISHMENT / REPAIR
- DISTRIBUTION BASED ON MARFOR / MEF OPLAN TIMELINES
- MDSSII CREATED AND PASSED TO UNITS(S)
- ASSETS EMBARKED IN 50 CU / TAC MARKED / LOGMARS LABELED
- EQUIPMENT READINESS DATA PROCEDURES, TO BE ESTABLISHED

CENTRAL MANAGEMENT TEAMS TO III MEF FOR T E DEFICIENCIES, TARIFF / SHELF LIFE ISSUES, GAIN TAV

ONCE ALL FACILITIES STAND UP, CENTRAL FACILITY WILL DOWNSIZE IN WAREHOUSE SPACE, CENTRAL MANAGEMENT TEAM / FACILITY REMAINS DALLAS

CENTRAL FACILITY WILL HAVE OVERALL USMC TAV AND CENTRALLY MANAGE PROGRAM SHELF LIFE, CALIBRATION, AND TARIFF REQUIREMENTS FOR EACH FACILITY

ORGANIZATIONAL MAINTENANCE CONDUCTED ON ALL ASSETS BY CLS STAFF



COA 3 COST DETAILS



	FACILITY SIZE	CLS MANNING
DALLAS	80K (INITIALLY)	5
CAMP LEJEUNE	42K	3
CHERRY POINT	8K	2
NEW RIVER	6K	2
BEAUFORT	4K	2
CAMP PENDLETON	37K	3
29 PALMS	11K	2
MIRAMAR	10K	2
YUMA	4K	2
MARFORRES	STATUS QUO	(5)
OKI	FY-05 NEW FAC	2
HI	COLOCATED CIF	2

REGIONAL EAUs IN GENERAL SUPPORT OF EACH FACILITY

ANNUAL RECURRING COST AFTER YR 4: \$2,713,409



COA 3 OVERHEAD MANAGEMENT COST DETAILS



FACILITIES AND PERSONNEL COSTS

• FACILITIES	\$ 243,200
• LOGISTICS SYSTEMS MATERIEL AND INSTALLATION (LSMI) (INCLUDES UPGRADES, RACKING, FORKLIFTS, ETC)	\$ 1,376,400
• CLS MANPOWER: 27 PERSONNEL	\$ 1,443,250
• OPERATIONS AND TRAINING	\$ 3,088,575
SUB TOTAL	\$ 6,151,425

NBC DEFENSE EQUIPMENT BUYS YEAR 1	\$18,848,575
TOTAL	\$25,000,000

- FACILITIES COST IS LEASE COST AT DALLAS ONLY
- NO LEASE COST AT BASES – GOVERNMENT FACILITIES
- LSMI AT DALLAS MINIMAL (NO SIGNIFICANT FACILITY UPGRADES) BASED ON SSSF DATA
- LSMI AT BASES ASSUMES MODERATE FACILITY UPGRADES BASED ON CIF DATA



CHALLENGES

- **PP/O DIRECTS MARFORS ON RECONSTITUTION AND CENTRALIZED MANAGEMENT PLAN**
- **PP/O DETERMINES SORTS REPORTING REQUIREMENTS**
- **I/L DIRECTS MCBs ON FACILITY REQUIREMENTS**
- **MCCDC DETERMINES TRAINING ALLOWANCE REQUIREMENTS**



SUMMARY

- RECONSTITUTE ALL MARFORs
- **INTERIM** PLAN FOR CENTRALIZED MANAGEMENT OF NBCD ASSETS
- TOP THREE COAs BASED ON AOA CRITERIA, RISK, AND SUSTAINABILITY
- PM NBC DEFENSE, IN COORDINATION WITH PP/O, I/L, MCCDC, AND LOGCOM WILL DEVELOP AND EXECUTE THE INTERIM IMPLEMENTATION EFFORT
- CONTINUE THE ILA AND CONDUCT AN ANALYSIS OF ALTERNATIVES AND COST BENEFIT ANALYSIS TO SUPPORT THE DOTMILPF PROCESS FOR FY06 IMPLEMENTATION



NBC DEFENSE EQUIPMENT RECONSTITUTION



QUESTIONS ?