

# C5RA “The Process”

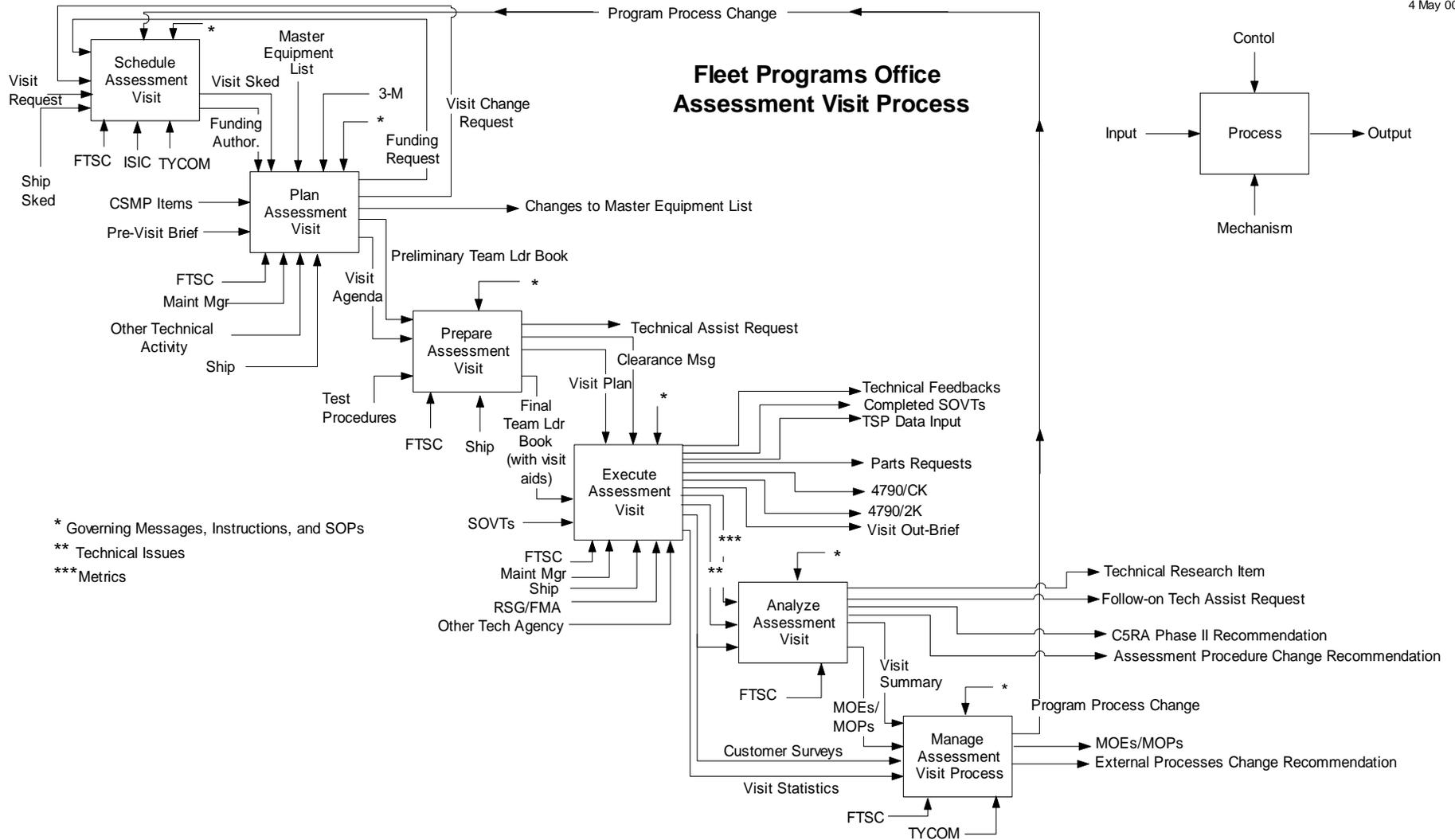
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# C5RA - Six Step Process

- The C5RA process is comprised of six steps:
  - Schedule
  - Plan
  - Prepare
  - Execute
  - Analyze and Follow-Up
  - Manage Process
- Process supports multiple Type Commanders and Fleet CINCs
- Process is monitored to provide metrics in effectiveness and efficiency for continuous improvement, including feedback from customer ships

# C5RA - Assessment Visit Process

4 May 00



# C5RA - Schedule and Plan

- **Schedule**

- Identify ship and establish date for Visit
- Ensure funding is available for Visit
- Ensure availability of ship for Visit
- Co-schedule with SEMAT II (Systems and Equipment Material Assessment Team)

- **Plan**

- Build agenda for Visit
- Provide aids for execution of Visit
- Confirm funding for Visit
- Determine requirements for Visit
- Conduct Pre-Visit brief

# C5RA - Schedule

PROVIDED COURTESY OF FTSLANT FLEET PROGRAMS OFFICE  
 UPDATED BIWEEKLY AT: [HTTP://WWW.SPEAR.NAVY.MIL/LOGIN/FTSLANT.HTR](http://www.spear.navy.mil/login/ftslant.htr)  
 DIRECT COMMENTS TO AL WALLACE: AWALLACE@CNSSL.SPEAR.NAVY.MIL OR (757) 463-6666 X 584

## FLEET TECHNICAL SUPPORT CENTER ATLANTIC SEMAT / CSRR / INSURV SHIP EVENTS

1 SEPTEMBER 2000  
 NEXT ISSUE DATE: 18 SEP 00  
 SEMAT/CSRA MSG 4-041-00

SHIP NAME (HULL NR) (ISIC) HPORT	(UIC)	SEPTEMBER 4:MON	OCTOBER 9:MON	NOVEMBER 10:FRI 23:THU	DECEMBER 25:MON HOLIDAY	JANUARY 01 1:MON 15:MON	FEBRUARY 19:MON	MARCH	APRIL	MAY 28:MON HOLIDAY
PORTLAND (LSD 37) (CPG-2) LCRK	(20012)	ZAN C-2 (5, 8, 12, 22) NEPA (27-28) IPT 9, 30	HOLIDAY	HOLIDAY	HOLIDAY	HOLIDAY	HOLIDAY			
DEYO (DD 989) (CDS-2) NORVA	(20836)	LT P. C-2 (5, 15) 5 --- FMAV --- 22 IPT 27, 28								
PHILADELPHIA (SSN 690)		TEP (11, 22)	# TARGET + CSRR	GROTON						
TORTUGA (LSD 46) (CPG-2) LCRK	(21562)	ALX (6, 8, 11, 22) S-2 FT.LAUD IPT 27, 28	3, 12, 16, 23, 27, 29	31 --- FMAV --- 22	BALTRM IPT 27, 28	5, 6, 9				
BURKE (DDG 51) (CDS-2) NORVA	(21487)	LAW (1, 5, 8, 11, 22) C-2 YKTN IPT 27, 28	11	30						
SAN JACINTO (CG 56) (CCG-2) NORVA	(21389)	DEL (1, 11) C-2 5 --- FMAV --- 26 IPT 27, 29	11	30						
DETROIT (AOE 4) (CLR-2) EARLE	(20120)	INSURV (11, 15) IPT 22	11	23, 27		FEP (9, 14) 20		S-2(P) (1, 14) IPT 23		C-2(P) (26, 30) IPT
OBANNON (DD 987) (CDS-14) MYPT	(20834)	INSURV (11, 15) 2, 29 EC	C-2 (2, 9, 13) SMI (19, 20) IPT 15	8, 13, 16 N.ORLNS 17-- FMAV-- 30		14				16MAY01
CARTER HALL (LSD 50) (CPG-2) LCRK	(21880)	BAR (5, 8, 15, 18, 28) S-2 IPT 29	6, 16	FEP (30, 3, 6, 10, 13, 17) C-2 6 --- FMAV --- 24		5, 15		INSURV (26, 2) 8		POM 27
DOYLE (FFG 39) (CDS-14) MYPT	(21106)	INSURV (18, 22) P.EVGLDS	2, 3, 10, 11 IPT 11	1, 6, 13, 17 JAX	CHG (27, 4) SRA(E)			CHG (16, 23)		
SCOUT (MCM 8) INGLSD		MIL (18, 22) INSURV IPT 27	TBD	SMI (6, 10)	S-2 (27, 8)					
NASHVILLE (LPD 13) (CPG-2) NORVA	(07196)	DEL (12, 22) C-2 (25, 29) NEPA (2, 3) IPT 12, 29	12, 29							

\* RESERVE SHIPS # CLASSIFICATION OF SUBMARINE MOVEMENTS PRECLUDE PROVIDING DETAILS

S-1 SEMAT 1 (SNAPSHOTS)   
 C-2 CSRA PHASE I   
 O OTHER ASSESSMENTS: INSURV+, NEPA (INSURV), FEP+, CART+, SMA, SMI   
  AVAILABILITY START  
S-2 SEMAT 2 (TARGET + C-1)   
 C-2 CSRA PHASE II   
 O FEP+, CART+, SMA, SMI   
  AVAILABILITY END  
S-3 SEMAT 3 (MATL SELF ASSMT)   
 C-LIM LIMITED CSRA   
 + UNDERWAY EVENTS   
  AVAILABILITY END  
S-4 SEMAT 4 (AEC PHASE 2)   
 S-2 (TARGET) 4-6 MOS - DEPLOYMENT   
 S-4 (AEC) 2-4 MOS - AVAILABILITY

PCD PRODUCTION COMP DATE    FCT FINAL CONTRACT TRIAL    WEA WEAPONS ONLOAD/OFFLOAD    POM PRE-OVERSEAS MOVMT  
 EC ENGINEERING CERT    MI MATERIAL INSPECTION    FMAV FLEET MAINT AVAIL (FMAV)    CSSQT CMBT SYS SHIP QUAL TRIAL  
 CART CMD ASMT OF READ & TRA    SUR SURVEY    VST PORT VISIT    COC CHANGE OF COMMAND  
 FEP FINAL EXERCISE PERIOD    S/A / SMI SUPPLY MGMT ASSIST / INSP    SIT SHIP INTEGRATION TESTING    STRL SEA TRIAL  
 INPT INPORT    SEMAT SYS & EQUIP MATL ASSMNT    TCD TARGET CONFIG DATE - (LAST DATE FOR AIT INSTL)    PDS POST DPLYMNT STNDOWN  
 UW, U UNDERWAY    CSRA OLD CSRR / CSRA

# C5RA - Prepare

- **Prepare**
  - Assign resources for Visit requirements
  - Coordinate logistics for Visit
  - Determine execution plan for Visit
  - Prepare Clearance list
  - Develop Team Leader Books/Assessment Procedures

# C5RA - Execute

- **Execute**

- In-brief ship on visit specifics and first day test plan
- Conduct material condition assessments
- Provide maintenance training
- Assist with repairs
- Daily progress and planning briefings
- Validate or correct 2-Kilos in CSMP
- Find and expedite repair parts
- Document discrepancies
- Provide risk assessments
- Generate feedbacks
- Collect metrics data
- Debrief Ship's Force on visit results and material condition
- Input into Trouble Systems Process (TSP)

# C5RA - Analyze and Follow-Up

- **Analyze and Follow-Up**
  - Review metrics data
  - Produce and evaluate Measures of Effectiveness (MOEs) and Measures of Performance (MOPs)
  - Technical research
  - Follow-on technical assistance
  - Provide input for Phase II planning (if applicable)
  - Review Visit execution
  - Upload 4790/CKs

# C5RA - Manage Process

- **Manage Process**

- Review and take action on MOEs and MOPs
- Review process and program for corrections / improvements
- Provide external process(s) recommendations
- Respond to external requests for information or analysis
- Coordinate with other assessment processes/programs
- Review and administrate process policy, procedures and support efforts
- Liaison with other Fleet maintenance initiatives

# C5RA - Conclusion

- C5RA is a vital part of the Fleet Maintenance Philosophy
- Objective System/Equipment Assessment
- No report for Chain-of-Command; all discrepancy documentation is via the CSMP and 3-M
- The true customer is Ship's Force and Port Engineer/Maintenance Manager
- Visit Team stays connected to Fleet via Technical Assists, other visits, and Direct Fleet Support
- Validated material condition of ship for improved maintenance planning (validated work candidates)