Data Item Description

Title: Software/Firmware Change Request   **Approval Date: 20100420**
Number: DI-MISC-81807   **Limitation: N/A**
AMSC Number: N9130   **GIDEP Applicable: N/A**
DTIC Applicable: N/A
Office of Primary Responsibility: SH/PMS-408
Applicable Forms: N/A

Use/relationship: The Software/ Firmware Change Request will be used to alert or inform the government about changes to software and firmware and also to provide detailed information to the government about the changes and the estimated cost of the software/firmware changes.

This DID contains the format, content and preparation instructions for the data product generated by the specific and discrete work task requirement as delineated in the contract.

Requirements:

1. Reference Documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions shall be as specified in the contract.

2. Format. The Software/Firmware Change Request shall be presented in the Contractor's format.

3. Content. The Software/Firmware Change Request shall contain all the information identified in Figures 1-7.

4. End of DI-MISC-81807.

Page 1 of 8 Pages

DI-MISC-81807

SOFTWARE CHANGE REQUEST (SCR), PAGE 1

1. ORIGINATOR NAME AND ADDRESS (include e-mail address and telephone number)	2. DATE	3. JUSTIFICATION CODE

Name:
Organization:
Street 1:
Street 2:
City, State, Zip Code:

Telephone Number: (   )   ext::   E-mail address:

4. TYPE OF SCR	5. PRIORITY
☐ Class I ☐ Class II	☐ Emergency ☐ Urgent ☐ Routine

6. SCR DESIGNATION | **7. BASELINE AFFECTED**

a. CI/CSCI AFFECTED	b. CAGE CODE	c. SYSTEM DESIGNATION	☐ FUNCTIONAL ☐ ALLOCATED ☐ PRODUCT
d. SCR No.	e. REVISION	f. TYPE ☐ Preliminary ☐ Final	8. OTHER SYS/CONFIG ITEMS AFFECTED ☐ YES ☐ NO	9. IN PRODUCTION ☐ YES ☐ NO

10. DOCUMENTS AFFECTED

CAGE CODE	SPEC/DOC NO.	REVISION	SCN/NOR/ECN/ECO NO.

11. TITLE OF CHANGE	12. CONTRACT NO. & LINE ITEM
13. CONFIGURATION ITEM NOMENCLATURE	14. PROCURING CONTRACTING OFFICER

15. LOWEST ASSEMBLY AFFECTED

a. NOMENCLATURE	b. PART NO.

16. DESCRIPTION OF CHANGE

17. NEED FOR CHANGE

18. PRODUCTION EFFECTIVITY BY SERIAL NUMBER	19. EFFECT ON PRODUCTION DELIVERY SCHEDULE

20. RETROFIT

a. RECOMMENDED ITEM EFFECTIVITY	c. PLATFORMS AFFECTED
b. ESTIMATED KIT DELIVERY SCHEDULE	

21. ESTIMATED COST or (SAVINGS) UNDER CONTRACT

☐

☐ No Additional Cost/Savings – In Scope of the Contract

22. SUBMITTING ACTIVITY AUTHORIZING SIGNATURE	22a. TITLE

23. APPROVAL/DISAPPROVAL

a. LCCB CHAIRMAN	DATE :	☐ RECOMMEND APPROVAL ☐ RECOMMNED DISAPPROVAL
b. CCB CHAIRMAN	DATE :	☐ APPROVED ☐ DISAPPROVED

Figure 1   **Page 2 of 8 Pages**

DI-MISC-81807

SOFTWARE CHANGE REQUEST (SCR), Figure 2	SCR NUMBER & REV:

EFFECT ON FUNCTIONAL/ALLOCATED CONFIGURATION IDENTIFICATION	
24. OTHER SYSTEMS AFFECTED	25. OTHER CONTRACTORS/ACTIVITIES AFFECTED

26. CONFIGURATION ITEMS AFFECTED

27. EFFECTS ON PERFORMANCE ALLOCATIONS AND INTERFACES IN SYSTEM SPECIFICATION

28. EFFECTS ON EMPLOYMENT, INTEGRATED LOGISTICS SUPPORT, TRAINING, OPERATIONAL, EFFECTIVENESS, OR SOFTWARE

29. EFFECTS ON CONFIGURATION ITEM SPECIFICATIONS

30. DEVELOPMENTAL REQUIREMENTS AND STATUS

31. TRADE-OFFS AND ALTERNATIVE SOLUTIONS

32. DATE BY WHICH CONTRACTUAL AUTHORITY IS NEEDED

Figure 2

DI-MISC-81807

SOFTWARE CHANGE REQUEST (SCR), Figure 3	SCR NUMBER & REV:

EFFECTS ON PRODUCT CONFIGURATION IDENTIFICATION, LOGISTICS, AND OPERATIONS							
(X)	FACTOR	ENCL.	PAR.	(X)	FACTOR	ENCL.	PAR.
	33. EFFECT ON PRODUCT CONFIGURATION IDENTIFICATION OR CONTRACT				**35. EFFECT ON OPERATIONAL EMPLOYMENT**		
☐	a. PERFORMANCE			☐	a. SAFETY		
☐	b. WEIGHT-BALANCE STABILITY (*Aircraft*)	N/A	N/A	☐	b. SURVIVABILITY		
☐	c. WEIGHT-MOMENT (*Other equipment*)	N/A	N/A	☐	c. RELIABILITY		
☐	d. CDRL, TECHNICAL DATA			☐	d. MAINTAINABILITY		
☐	e. NOMENCLATURE			☐	e. SERVICE LIFE		
				☐	f. OPERATING PROCEDURES		
	34. EFFECT ON INTEGRATED LOGISTICS SUPPORT (ILS) ELEMENTS			☐	g. ELECTROMAGNETIC INTERFERENCE		
☐	a. ILS PLANS			☐	h. ACTIVATION SCHEDULE		
☐	b. MAINTENANCE CONCEPT, PLANS, PROCEDURES			☐	i. CRITICAL SINGLE POINT FAILURE ITEMS		
☐	c LOGISTICS SUPPORT ANALYSIS			☐	j. INTEROPERABILITY		
☐	d. INTERIM SUPPORT PROGRAMS				**36. OTHER CONSIDERATIONS**		
☐	e. SPARES AND REPAIR PARTS	N/A	N/A	☐	a. INTERFACE		
☐	f. TECH MANUALS/PROGRAMMING TAPES			☐	b. OTHER AFFECTED EQUIPMENT/GFE/GFP	N/A	N/A
☐	g. FACILITIES	N/A	N/A	☐	c. PHYSICAL CONSTRAINTS	N/A	N/A
☐	h. SUPPORT EQUIPMENT	N/A	N/A	☐	d. COMPUTER PROGRAMS AND RESOURCES		
☐	i. OPERATOR TRAINING			☐	e. REWORK OF OTHER EQUIPMENT	N/A	N/A
☐	j. OPERATING TRAINING EQUIPMENT			☐	f. SYSTEM TEST PROCEDURES		
☐	k. MAINTENANCE TRAINING			☐	g. WARRANTY/GUARANTEE		
☐	l. MAINTENANCE TRAINING EQUIPMENT			☐	h. PARTS CONTROL	N/A	N/A
☐	m. CONTRACT MAINTENANCE			☐	i. ENVIRONMENTAL		
☐	n. PACKAGING, HANDLING, STORAGE, AND TRANSPORTABILITY	N/A	N/A	☐	j. FMS RELEASE		

37. ALTERNATE SOLUTIONS

38. DEVELOPMENTAL STATUS

39. RECOMMENDATIONS FOR RETROFIT

40. WORK-HOURS PER UNIT TO INSTALL RETROFIT KITS				41. WORK-HOURS TO CONDUCT SYSTEM TESTS AFTER RETROFIT
a. ORGANIZATION	b. INTERMEDIATE	c. DEPOT	d. OTHER	

42. THIS CHANGE MUST BE ACCOMPLISHED ☐ BEFORE ☐ WITH ☐ AFTER THE FOLLOWING CHANGES:	43. IS CONTRACTOR FIELD SERVICE ENGINEERING REQUIRED? ☐ YES ☐ NO	44. OUT-OF-SERVICE TIME

45. EFFECT OF THIS SCR AND PREVIOUSLY APPROVED SCRs	46. DATE CONTRACTUAL AUTHORITY NEEDED FOR PRODUCTION: FOR RETROFIT:

Figure 3 **Page 4 of 8 Pages**

DI-MISC-81807

SOFTWARE CHANGE REQUEST (SCR), PAGE 4					SCR NUMBER and REV:	
FACTOR	NON-RECURRING (1)	RECURRING			COSTS/SAVINGS UNDER CONTRACT (5)	OTHER COSTS/SAVINGS TO THE GOVT (6)
		UNIT (2)	QUANTITY (3)	TOTAL *(Recurring)* (4)		
a. PRODUCTION COSTS/SAVINGS						
(1) CONFIGURATION ITEM/CSCI						
(2) FACTORY TEST EQUIPMENT						
(3) SPECIAL FACTORY TOOLING						
(4) SCRAP						
(5) ENGINEERING DATA REVISION						
(6) REVISION OF TEST PROCEDURES						
(7) QUALIFICATION OF NEW ITEMS						
(8) SUBTOTAL OF PROD. COSTS/SAVINGS						
b. RETROFIT COSTS						
(1) ENGINEERING DATA REVISION						
(2) PROTOTYPE TESTING						
(3) RETROFIT KITS FOR OPERATIONAL SYSTEMS						
(4) PREP. OF ORDALT INSTRUCTION						
(5) SPECIAL TOOLING FOR RETROFIT	N/A	N/A	N/A	N/A	N/A	N/A
(6) CONTRACTOR FIELD SERVIE ENGINEERING	N/A	N/A	N/A	N/A	N/A	N/A
(7) GOV'T PERSONNEL INSTALLATION						
(8) TESTING AFTER RETROFIT						
(9) SUBTOTAL OF RETROFIT COSTS/SAVINGS						
c. INTEGRATED LOGISTICS SUPPORT COSTS/ SAVINGS						
(1) SPARES/REPAIR PARTS REWORK	N/A	N/A	N/A	N/A	N/A	N/A
(2) NEW SPARES AND REPAIR PARTS	N/A	N/A	N/A	N/A	N/A	N/A
(3) SUPPLY/PROVISIONING DATA	N/A	N/A	N/A	N/A	N/A	N/A
(4) SUPPORT EQUIPMENT	N/A	N/A	N/A	N/A	N/A	N/A
(5) RETROFIT KITS FOR SPARES	N/A	N/A	N/A	N/A	N/A	N/A
(6) OPERATOR TRAINING COURSES						
(7) MAINTENANCE TRAINING COURSES						
(8) REV. OF TECH. MAN./PROGRAMMING TAPES						
(9) NEW TECH. MAN./PROGRAMMING TAPES						
(10) TRAINING/TRAINERS						
(11) MAINTENANCE MANPOWER						
(12) COMPUTER PROG DOCUMENTATION						
(13) SUBTOTAL OF ILS COSTS/SAVINGS						
d. OTHER COSTS/SAVINGS						
e. SUBTOTAL COSTS/SAVINGS						
SUBTOTAL UNDER CONTRACT						
f. COORDINATION OF CHANGES WITH OTHER CONTRACTORS						
g. COORDINATION CHANGES BY GOVERNMENT						
ESTIMATED NET TOTAL COSTS/SAVINGS						

Figure 4

DI-MISC-81807

SOFTWARE CHANGE REQUEST (SCR), Figure 5			*SCR NUMBER and REV:*	

48. ESTIMATED COSTS SAVINGS/SUMMARY, RELATED SCRs *(Use parentheses for savings)*				
FACTOR	CAGE CODE (a)	SCR NUMBER (b)	COSTS/SAVINGS UNDER CONTRACT (c)	OTHER COSTS/ SAVINGS (d)
a. PRODUCTION COST/SAVING *(Subtotal of Costs/Savings Elements from block 51a applicable to aircraft, ship, tank, vehicle, missile, or its subsystem)*				
SUBTOTAL PRODUCTION COSTS/SAVINGS				
b. RETROFIT COSTS *(Applicable to aircraft, ship, tank, vehicle, missile, or its subsystem)*				
SUBTOTAL RETROFIT COSTS				
c. INTEGRATED LOGISTICS SUPPORT COSTS/SAVING REVISED REQUIREMENTS				
(1) ITEM RETROFIT *(If not covered under "b")* *(Applicable to aircraft, ship tank, vehicle, missile, or its subsystem)*				
(2) ILS SUBTOTAL *(Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)*				
(3) OPERATOR TRAINER *(Net total cost/saving from each SCR covering operator trainer)*				
(4) MAINTENANCE TRAINER *(Net total cost/saving from each SCR covering maintenance trainer)*				
(5) OTHER TRAINING EQUIPMENT				
(6) SUPPORT EQUIPMENT *(Net total cost/saving from each SCR on support equipment)*				
(7) ILS PLANS				
(8) MAINTENANCE CONCEPT, PLANS, SYSTEM DOCUMENTS				
(9) INTERIM SUPPORT PLAN				

NEW REQUIREMENTS	PROCURING ACTIVITY CODE	NON- RECURRING COSTS	RECURRING COSTS				
			UNIT	QTY	TOTAL		
(10) PROVISIONING DOCUMENTATION							
(11) OPER TRNR/TRNG DEVICES/EQUIP							
(12) MANUALS/PROGRAMMING TAPES, SPARES, REPAIR PARTS *(For 11)*							
(13) MAINTENANCE TRNR/TRNG DEVICES/ EQUIPMENT							
(14) MANUALS/PROGRAMMING TAPES, SPARES, REPAIR PARTS *(For 13)*							
(15) SUPPORT EQUIPMENT							
(16) MANUALS/PROGRAMMING TAPES *(For 15)*							
(17) PROVISIONING DOCUMENTATION *(For 15)*							
(18) REPAIR PARTS *(For 15)*	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(19) SUBTOTAL ILS COSTS/SAVINGS *(Sum of c. 1 through c. 18)*				
	CAGE CODE	SCR NUMBER		
d. OTHER COSTS/SAVINGS *(Total from block 48d of related SCRs)*				
TOTAL OTHER COSTS/SAVINGS				
SUBTOTALS OF COLUMNS				
SUBTOTAL UNDER CONTRACT				

Figure 5   **Pages 6 of 8 Pages**

DI-MISC-81807

SOFTWARE CHANGE REQUEST (SCR), Figure 6

SCR NUMBER and REV:

49. TITLE OF CHANGE

50. DATE AUTHORIZATION TO PROCEED
RECEIVED BY CONTRACTOR (YYMMDD)

S START DELIVERY **C** COMPLETED DELIVERY PROGRESS POINT

		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
a. CONFIGURATION	(1) Software Engineering																																				
	(2) Software Documentation																																				
	(3) Software Engineering Test																																				
	(4) Update TDP																																				
b. SUPPORT EQUIPMENT	(1) Software Engineering Environment Upgrade																																				
	(2) Software Test Environment Upgrade																																				
c. TRAINER	(1) Operator																																				
	(2) Maintenance																																				

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

Figure 6 **Page 7 of 8 Pages**

DI-MISC-81807

SOFTWARE CHANGE REQUEST (SCR), Continuation Sheet, Figure 7	
TITLE OF CHANGE	*SCR NUMBER and REV:*
PARAGRAPH#　　　**BLOCK/LINE NO.**　　　**BLOCK TITLE AND SUPPLEMENTARY INFORMATION**	

Figure 7　　　　　　　　　　　　　**Page 8 of 8 Pages**