WebAIM Short Form TASK GROUP INSTRUCTION

31-MAR-2025 0946

20.14.15.2.9020 (September 2024) ICN: 3819P25201 KeyOp: A01

TGI NO:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHG/VER:
	S/A 96771D EPTMS	**AY**	**A**	**0**	**0/0**

SHIP/HULL NO:	SHIP/HULL NAME:	PROJECT:	SYSTEM:	PLANT ID:	CASREP CAT:
LCC-19	**USS BLUE RIDGE**	19P			

CU PHASE TITLE: *(RE) F/O – S/A 96771D, ACCOMPLISH ENGINEERING PLANT TEMPERATURE MONITORING SYS

PREPARING ACTIVITY:	STATUS: APP	WORKING STATUS:	
PREPARED BY: UCHIMURA, KAZUKI	CODE: 233	PHONE: 8093501432	DATE: 27-MAR-2025
APPROVED BY: HOSONO, MASAHIRO	CODE: 233	PHONE: 8093501455	DATE: 27-MAR-2025
CONCURRED BY:	CODE:	PHONE:	DATE:

REASON FOR WORK/NEED FOR CHANGE:
EXSAZC70

JCN:
EXSA-ZC70

SPECIAL REQUIREMENTS:
TGI Short Form

CU PHASE DESCRIPTION:

1. SCOPE/PURPOSE:

1.1 Title: S/A 96771D, Engineering Plant Temperature Monitoring System; accomplish

1.2 Location of Work:

1.2.1 Engine Room (8-86-0-E)

1.2.2 Passage (4-87-3-L)

1.2.3 Uninterruptible Power Supply Equipment Room (5-83-0-Q)

1.2.4 Engine Room (5-86-0-E)

1.2.5 Trunk (5-86-2-T)

1.2.6 Passage (5-86-4-L)

ZONE MANAGER:	ZONE:	COMPARTMENT:	LEVEL:	FRAME:	SIDE:
YAGINUMA, TAKEHIDE					

JOB SUMMARY ID:	TOT MAN HR.:	TOT DUR:	TOT JML COST:	PLANNING ACCEPTANCE:
252A0001				

WORK CERTIFICATION SIGNATURES:	DLs													

COMPLETION OF WORK REVIEW:	BADGE NO:	SHOP/CODE:	PHONE:	DATE:
RECORDS REVIEW:	BADGE NO:	SHOP/CODE:	PHONE:	DATE:

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CU PHASE DESCRIPTION (Cont.)

1.2.7 Engine Room Enclosed Operating Station (6-86-0-E)

1.2.8 IC and Gyro Room No. One (7-60-0-C)

1.2.9 Shaft Alley (9-98-0-Q)

1.3 Identification:

1.3.1 Quantity (One EA), Power System
Remarks: See Ref. No. 3 and Ref. No. 7 through Ref. No. 9 for details.

1.3.2 Quantity (One EA), Lighting System
Remarks: See Ref. No. 4, Ref. No. 8 and Ref. No. 9 for details.

1.3.3 Quantity (One EA), Interior Communication System
Remarks: See Ref. No. 5 through Ref. No. 9 for details.

1.3.4 Quantity (One Lot), Structural Work for S/A96771D Engineering Plant Temperature Monitoring System
Remarks: See Ref. No. 11 for material and detail

1.4 Security Classification:

1.4.1 Space – 1.2.8

1.5 Initial Condition:

1.5.1 Potential Asbestos Hazard

1.5.2 Potential Lead Hazard

1.6 Contractor work start date: 7/21/2026

1.7 Contractor work completion date: 11/21/2027

2. PROCEDURE:

2.1 Pump out, clean and dry the bilge area located in 1.2.1 and 1.2.9 free from oil, debris, and other foreign matter.

2.2 Accomplish electrical removals, modifications and installations of the system listed in 1.3.1 through 1.3.3 in accordance with Ref. No. 3 through Ref. No. 9.

2.2.1 Electrical installations must be in accordance with Ref. No. 10.

2.2.2 Fabricate and install each new label plate in accordance with Ref. No. 3 and Ref. No. 8.

2.2.3 Accomplish the requirements of 009-12 of Ref. No. One, including Table 2, Column(s) A, Lines One through 7.

2.2.4 Accomplish the requirements of 009-25 of Ref. No. One for the local air hose test of each new weld for watertight/airtight

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CU PHASE DESCRIPTION (Cont.)

structural boundary. Allowable leakage: None.

2.3 Accomplish each structural work for S/A 96771D listed in 1.3.4 in accordance with Ref. No. 11.

2.3.1 Accomplish the requirements of 009-12 of Ref. No. One, including Table 2, Column(s) A, Lines One through 7.

2.4 Accomplish the following machinery work.

2.4.1 Remove existing and install new each thermometer in accordance with Ref. No. 6.

2.5 Accomplish the requirements of 009-32 of Ref. No. One for each new and disturbed surface.

2.6 Notes:

2.6.1 Planner: Code 233 K. Uchimura, 080-9350-1432
Planner: Code 231B T. Ando, 243-4372
Planner: Code 232 T. Iikura, 243-2374

2.6.2 Work Integration Manager (WIM): Code 333 T. Yaginuma, 080-5419-0598

2.6.3 Provision of oily/chemical water barge will be coordinated by Project Team.

2.6.4 Calibration of thermometers is the responsibility of ship's force.

2.6.5 JCN EXSA-ZC70 is related to this TGI.

2.7 Government Furnished Material (GFM):

2.7.1 All GFM listed in each S/A drawing will be provided as kitted material.

2.7.2 SRF-JRMC will provide GFM listed in Appendix “M”.

2.8 SRF-JRMC will provide the following service work: (TGI No. 3819P25201S03)

2.8.1 [C740] Crane and crane rigging service.

2.8.2 [X99E] Utilities service, electrical.

2.8.3 [X99M] Utilities service, including low pressure air supply, water supply, and steam supply.

2.8.4 [C106.1] Safety inspection for SRF-JRMC employees.

2.8.5 [C106.2] Gas free inspection for SRF-JRMC employees.

2.8.6 [C133] QA Inspection for (G) symbol(s).

Ref. No.	Document/Drawing Number	DOCUMENT/DRAWING TITLE	REV	CHG NO.	CPY REQ	PARAGRAPH	SECT	PG	CHPT

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Ref. No.	Document/Drawing Number	DOCUMENT/DRAWING TITLE	REV	CHG NO.	CPY REQ	PARAGRAPH	SECT	PG	CHPT
1	NSI FY25	Standard Items	-	ORG	N				
2	LI FY25	Local Standard Items	-	ORG	N				
3	DWG 302-8894429	POWER SYSTEM MODIFICATIONS ENGINEERING PLANT TEMPERATURE MONITORING SYSTEM	-		Y			ALL	
4	DWG 303-8974904	LIGHTING SYSTEM MODIFICATIONS ENGINEERING PLANT TEMPERATURE MONITORING SYSTEM	-		Y			ALL	
5	DWG 401-8895232	IC CIRCUIT 7TM & MISCELLANEOUS IC MODIFICATIONS INCID TO EPTMS	-		Y			ALL	
6	DWG 211-8783648	ENGINEERING PLANT TEMPERATURE MONITORING SYSTEM ENGINE ROOM & SHAFT ALLEY	-		Y			ALL	
7	DWG 245-8783649	ENGINEERING PLANT TEMPERATURE MONITORING SYSTEM EQPT ARR EOS (6-86-0-E) & TRUNK	-		Y			ALL	
8	LAR SRFY-0082-25	Correction of the SCD drawing 401-8895232 "-" & 245-8783649 "-"	-		Y			ALL	
9	PDD 302-ELM-250220	SUPPLEMENTAL INFO FOR S/A 26711 INSTL OF FDN, CBL PEN & CBL SPRT	-		Y			ALL	
10	MIL MIL-STD-2003	Electric Plant Installation Standard Methods for Surface Ships and Submarines	B		N				
11	DWG 113-8974282	ENGINEERING PLANT TEMPERATURE MONITORING SYSTEM FOUNDATION MODIFICATIONS	-		Y			ALL	

TASK NAME / TASK DESCRIPTION	SHOP/ TSD	TS	SF WC	CREW #	MHRS	RWRK
2.1 SFTR, LBR						
2.2 ELEC, SFTR, WELD, SMTL, INSL, RGRS, PNTR, QA						
2.3 SFTR, WELD, INSL, PNTR, QA, ELEC						
2.4 OMCH						
2.5 PNTR, QA						
Electrical Work CFM: air compressor rental cost, fuel oil cost,						

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TASK NAME / TASK DESCRIPTION	SHOP/ TSD	TS	SF WC	CREW #	MHRS	RWRK
asbestos sample and analysis cost, banding material, fasteners, insulation tape, plastic bags, rope, and other consumable.						
Structure Work CFM: all paints, thinner, grits including disposal cost, marine chemist, firewatch cost, lead sampling/analysis cost, air compressor rental cost and fuel oil cost for air hose test, ---continue to below---	22/MQ	CS		0	0	N
---continued from above--- asbestos sampler cost and analysis cost for compartment insulation, and misc such as electrode, gases, temporary covering material, and other consumable.	22/MQ	CS		0	0	N
Machinery Work CFM: cleaning solvent, brushes and rags.	22/MQ	CS		0	0	N
Process Funding Document.	10/CT	OM		1	1	N

MATERIAL REFERENCES

REF NO.	DOCUMENT/DRAWING NUMBER	DOCUMENT/DRAWING TITLE	REV
1	211-8783648		
2	303-8974904		
3	401-8895232		
4	113-8974282		
5	302-8894429		
6	ELM-250220		

ICN: 3819P25201	KEY OP: A01

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
001	F1	1	M	TRANSMITTER,TEMPERA, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6685 015875860		NA	4	N	50245467	27/EA	
002	1	2	M	CABLE,POWER,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6145 012019494 EY		NA	4	N	50245470	30/FT	
003	3	3	M	CLAMP,CABLE,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5935 011715758 QF		NA	4	N	50245472	30/EA	
004	4	3	M	CLAMP,CABLE,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5935 011795430		NA	4	N	50245475	30/EA	
005	5	3	M	LOUDSPEAKER,PERMANE, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5965 010992696 TM		NA	4	N	50245478	1/EA	

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006	6	3	M	AMPLIFIER,AUDIO FRE, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	3H 5996 014413360 GL		NA	4	N	50245385	1/EA	
007	7	3	M	CABLE,POWER,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6145 012027771		NA	4	N	50245481	4000/FT	
008	1	4	M	PLATE,ME, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 9515 001533184		NA	4	N	50245392	4/SF	
009	2	4	M	ANGLE,ST, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 9520 002774913		NA	4	N	50245388	20/FT	
010	3	4	M	SCREW,CAP,HEXAGON H, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5305 012871586		NA	4	N	50245485	1/BX	
011	4	4	M	NUT,SELF, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 013954695		NA	4	N	50245387	8/EA	
012	5	4	M	WASHER,FLAT, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 011036042		NA	4	N	50245495	1/HD	
013	6	4	M	SCREW, HEX CAP, SCREW, HEX CAP, SPEC:MIL-DTL-1222, TYPE I, GRADE 5 SIZE: 5/16"-18UNC-2A X 1-1/2"LG, MATL: STEEL, FINISH: ZINC COATED, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5305 LL9605928		NA	4	N	50277410	8/EA	
014	6	4	M	SCREW, HEX CAP, SCREW, HEX CAP, SPEC: MIL-DTL-1222, TYPE I, GRADE 5, SIZE: 5/16"-18UNC-2A X 1-1/2"LG, MATL: STEEL, FINISH: ZINC COATED, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5305 LL9605928		NA	4	N	50277411	8/EA	
015	7	4	M	NUT,SELF, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 016234029		NA	4	N	50245386	8/EA	
016	8	4	M	WASHER,FLAT, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 012590296		NA	4	N	50245396	8/EA	

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ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
017	9	4	M	ANGLE, STRUCTURAL, ANGLE, STRUCTURAL, SPEC: MIL-S-22698, ABS GRADE, GRADE-A, ASTM A36, SIZE: 4" X 3" X 1/2"THK, MATL: STEEL, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B TLSP LL4658451		NA	4	N	50707479	10/FT	
018	10	4	M	SCREW,CA, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5305 012836469		NA	4	N	50245383	16/EA	
019	11	4	M	NUT,SELF, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 014397288		NA	4	N	50245382	16/EA	
020	12	4	M	WASHER,F, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 012664641		NA	4	N	50245381	16/EA	
021	13	4	M	PLATE,ME, 1 PLATE = 2FT X 2FT REQUIRED ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 9515 002375333		NA	4	N	50245379	4/SF	
022	1	5	M	DISTRIBUTION PANEL, DISTRIBUTION PANEL, ALB-1, VOLTAGE: 125V, PHASE: 1, CIRCUIT: 12, WITH DOOR, GROIND BUS AND GROUND DETECTION LIGHT, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436			NA	4	N		1/EA	
023	2	5	M	CIRCUIT, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5925 002047488		NA	4	N		2/EA	
024	3	5	M	CIRCUIT BREAKER, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5925 002047494		NA	4	N		2/EA	
025	4	5	M	YOKE,CIR, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5925 002020938		NA	4	N		2/EA	
026	5	5	M	POWER SUPPLY, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	3B 6120 200081749		NA	4	N		1/EA	
027	6	5	M	BATTERY POWER SUPPL, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	3B 6130 200018630		NA	4	N		1/EA	

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028	7	5	M	PANEL,POWER DISTRIB, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6110 013164331		NA	4	N		1/EA	
029	8	5	M	CIRCUIT BREAKER, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5925 014560004		NA	4	N		2/EA	
030	9	5	M	ABSORBER,OVERVOLTAG, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5920 014765120		NA	4	N		1/EA	
031	10	5	M	SWITCH, TOGGLE, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5930 012459532		NA	4	N		1/EA	
032	11	5	M	TRANSFORMER,POWER, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5950 005480481		NA	4	N		1/EA	
033	12	5	M	CONDUIT,METAL,FLEXI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5975 001191486		NA	4	N		10/FT	
034	13	5	M	BOX CONNECTOR,ELECT, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5975 005560412		NA	4	N		2/PG	
035	14	5	M	HOUSING,LIGHT, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6210 000286713		NA	4	N		2/EA	
036	15	5	M	CONNECTOR,PLUG,ELEC, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5935 012425602		NA	4	N		1/EA	
037	16	5	M	BACKSHELL,ELECTRICA, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5935 011691694		NA	4	N		1/EA	
038	17	5	M	SWITCH,R, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	3B 5930 002965290		NA	4	N		1/EA	
039	18	5	M	CIRCUIT BREAKER, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5925 014821112		NA	4	N		1/EA	
040	21	5	M	BLANKING PLATE, BLANKING PLATE, SIZE: 2.06”L X 2.25” W ALB-1, DUAL POLE, MIL-P-23928, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	LL4463200		NA	4	N		10/EA	

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041	22	5	M	CABLE,POWER,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6145 012019499		NA	4	N		300/FT	
042	23	5	M	CABLE,POWER,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6145 012019500		NA	4	N		30/FT	
043	24	5	M	CABLE,POWER,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6145 012022796		NA	4	N		200/FT	
044	25	5	M	CABLE,POWER,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6145 012022798		NA	4	N		50/FT	
045	26	5	M	CABLE,POWER,ELECTRI, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 6145 012022795		NA	4	N		200/FT	
046			M	CABLE AS, LAR SRFY-0082-25 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5995 016526047		NA	4	N		1/RL	
047	1	6	M	RISE, RUBBER INSERT , RISE, RUBBER INSERT SLEEVE, FRR/LEHF (FIRE RESISTANT RUBBER/LOW GRADE OF EXPANSION, HALOGEN FREE), LENGTH: 8.27"/210MM, ELM-250220, ITEM NO.1 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	LL4588936		NA	4	N		30/EA	
048	2	6	M	RISE, RUBBER INSERT , RISE, RUBBER INSERT SLEEVE.FRR/LEHF (FIRE RESISTANT RUBBER/LOW GRADE OF EXPANSION, HALOGEN FREE), LENGTH: 8.27"/210MM, ELM-250220, ITEM NO.2 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	LL4588929		NA	4	N		2/EA	
049	7	6	M	STUD,WELDING, ELM-250220, ITEM NO.7 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5307 017223367		NA	4	N		31/EA	

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SHIP/HULL NO:	SHIP/HULL NAME:	PROJECT:	SYSTEM:	PLANT ID:	CASREP CAT:
LCC-19	**USS BLUE RIDGE**	**19P**			

CU PHASE TITLE: *(RE) F/O – S/A 96771D, ACCOMPLISH ENGINEERING PLANT TEMPERATURE MONITORING SYS

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
050	9	6	M	FRAME, PROTECTOR, FRAME, PROTECTOR, MCT, SIZE: 100 MM DIA X 83 MM DEPTH, (4" X 3.2"), PACKING AREA: 60 MM X 60 MM (2.36" X 2.36"), BASE MATL: LYCRON, FRAME MATL: STAINLESS STEEL, REMARKS: LYCRON FRAME WITH OPEN SIDE, ELM-250220, ITEM NO.9 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	LL6826690		NA	4	N		1/EA	
051	11	6	M	SPACER,C, ELM-250220, ITEM NO.11 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5975 010356937		NA	4	N		5/EA	
052	13	6	M	STUD, WELDING, STUD, WELDING, HANGER, SIZE: 3/4" X 4-1/16" O/A LG, XBL TYPE, ROUND CORNER SQUARE STUD, 2 HOLES, WITH FERRULE, MATL: STEEL. BIW CAT# 53407-013, NSN: 5307-01-692-2312 (X SMIC) ELM-250220, ITEM NO.13 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	LL9006871		NA	4	N		8/EA	
053	14	6	M	INTERNAL THREADED , INTERNAL THREADED STUD, FULL BASE, WELDING, WITH ARC SHIELD (FERRULE), SPEC: MIL-S-24149/1 TYPE-2 CLASS-5A, THREAD: 1/4”-20UNC-2B X 0.375" LG, OVERALL DIA: 0.500" +/- 0.005", OVERALL LENGTH (BEFORE WELD): 1.000” +/- 0.031", MATL: CABON STEEL, DO NOT CROSS NSN: 5307-01-513-4376 (SMIC: X3)	LL9100483		NA	4	N		44/EA	
054	15	6	M	SCREW,CA, ELM-250220, ITEM NO.15 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5305 014231329		NA	4	N		16/EA	
055	16	6	M	NUT,PLAIN,HEXAGON, ELM-250220, ITEM NO.16 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 014292040		NA	4	N		16/EA	

TGI NO:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHG/VER:
	S/A 96771D EPTMS	**AY**	**A**	**0**	**0/0**

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LCC-19	**USS BLUE RIDGE**	**19P**			

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MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
056	17	6	M	WASHER,F, ELM-250220, ITEM NO.17 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5310 008024701		NA	4	N		32/EA	
057	10	6	M	PROTECTO, ELM-250220, ITEM NO.10 ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 5975 010345540		NA	4	N		4/PR	
067	14	4	M	PLATE,ME, ORDER FOR KTR ORIG: C-226 Y. TSUCHIYA 080-9350-1436	9B 9515 001533236		NA	4	N	50245376	1/SF	
101			M	PIPE,METALLIC, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 4710 003475111		NA	4	N		10/FT	
102			M	PIPE,METALLIC, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 4710 002775468		NA	4	N		10/FT	
103			M	BAR,METAL, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 9510 001891556		NA	4	N		10/FT	
104			M	ANGLE,STRUCTURAL, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	3B 9520 009545666		NA	4	N		20/FT	
105			M	ANGLE,STRUCTURAL, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 9520 002897013		NA	4	N		30/FT	
106			M	ANGLE,STRUCTURAL, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 9520 002774903		NA	4	N		70/FT	
107			M	PLATE,ME, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR QTY: 3 SF 3 FT X 1 FT X 1 PM ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 9515 002375333		NA	4	N		3/SF	
108			M	INSULATI, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9Q 5640 008096312		NA	4	N		10/EA	
109			M	INSULATI, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9Q 5640 008096315		NA	4	N		10/EA	
110			M	SOUND CO, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9Q 5640 007565866		NA	4	N		5/SH	

TGI NO:	COMPONENT NAME:	TYPE:	PHASE:	REPEAT:	CHG/VER:
	S/A 96771D EPTMS	**AY**	**A**	**0**	**0/0**

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LCC-19	**USS BLUE RIDGE**	**19P**			

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MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M / C	DESCRIPTION	STOCK NUMBER	GENERIC MATL TYPE	LVL	QA	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
111			M	ADHESIVE, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 8040 002738708		NA	4	Y		1/GL	
112			M	TAPE,TEX, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 8315 002671632		NA	4	N		1/RO	
113			M	TAPE,TEX, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 8315 002671633		NA	4	N		1/RO	
114			M	CAP,SNAP, ORIG: C231B, T. ANDO 243-4372 ORDERED FOR KTR	9B 5325 007377648		NA	4	N		100/EA	