

EQUIPMENT TEST LIST
DIESEL ENGINE DRIVEN MANUAL ALTERNATORS
POWER SYSTEMS EQUIPMENT

	CONTENTS	PAGE		CONTENTS	PAGE
1.	GENERAL	1	3.18	ANTIFREEZE & RUST INHIBITOR	23
3.1	KS-5574-01 L25-L36, L100-L102, L200-L202, L200A-L202A, L225-L236, L228A-L236A	2	3.19	SUMP OIL ANALYSIS FOR STBY ENG ALTNR	24
3.2	KS-5574-01 L95-L99, L96A-L99A, L103-L107, L104A-L107A	3	3.20	ENGINE FUEL STORAGE	24
3.3	KS-5574 SER.71	4	3.21	900-TYP PWR PLT AUTO FL PUMP CONT	24
3.4	KS-5665	5			
3.5	KS-5666-01	6			
3.6	KS-5666 (10 KW COMMERCIAL-TYPE)	7			
3.7	KS-15622 L1-L4	8			
3.8	KS-15717 L4-L9	10			
3.9	KS-15777	10			
3.10	KS-15884L1	12			
3.11	KS-15884 L2 - L4	13			
3.12	KS-15899 L1, L2, L11, L12	15			
3.13	KS-15929 L1, L11	16			
3.14	KS-15954 L1, L2, L11, L12	18			
3.15	KS20523 & KS20524	19			
3.16	KS20525 & KS20526	21			
3.17	KS-20527 L1-L12	22			
			1.	GENERAL	
			1.01	This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.	
			1.02	This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.	
			1.03	Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.	
			1.04	Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.	
			1.05	Section 010-300-011 provides Equipment Test List instructions.	

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

SECTION 155-001-013

3.0 ALT,DSL ENG MAN

3.1 ALT,DSL ENG MAN; KS-5574-01 L25-L36, L100-L102, L200-L202, L200A-L202A, L225-L236, L228A-L236A

FOR ALL UNITS

155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-128-703	(4/4)	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
		2.01	LUBRICATE ALTERNATOR BEARINGS (OR EVERY 150 HRS OF OPRN)	MW 24M	-----
		2.01	LUBRICATE COOLING FAN BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE GOVERNOR LINKAGE JOINTS-OVERSPEED TRIP (OR EVERY 50 HRS OPRN)	MW 6M	-----
		2.01	LUBRICATE STARTIGN MOTOR & BENDIX DRIVE BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	REPLACE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.06	(A) CLEAN AIR FILTERS (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.06	(B) REPLACE LUBRICATING OIL FILTER ELEMENT (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.06	(C - D) CLEAN OR REPLACE FUEL OIL FILTERS-PRIMARY & SECONDARY (OR EVERY 500 HRS OPRN)	MW 12M	-----
		2.06	(F) REPLACE FUEL SUCTION LINE FILTER ELEMENT (OR EVERY 500 HRS OPRN)	MW 12M	-----
		2.07	CHECK FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
		2.08	(A - C) CHECK OVERSPEED TRIP OPRN	MW 24M	-----
		2.08	(D) CHECK FUEL OIL PRESSURE SWITCH OPRN	MW 12M	-----
		2.08	(E & F) CHECK LUBRICATING OIL PRESSURE SWITCH OPRN	MW 12M	-----
		2.08	(G & I) CHECK WATER TEMPERATURE SWITCH OPRN	MW 12M	-----
		2.08	(J) CHECK OIL PRESSURE DELAY (OPD) RELAY	MW 12M	-----
		2.09	CHECK FAN BELT TENSION	MW 24M	-----
		2.14	INSPECT VOLTAGE REGULATOR & CONTROL PANEL	MW 24M	-----
		2.15	CHECK BRUSH PRESSURE	MW 12M	-----
		2.16	CHECK BRUSH LENGTH	MW 24M	-----
		2.17	CHECK BRUSH FIT	MW 24M	-----
		2.18	CHECK BRUSH ALIGNMENT	MW 24M	-----
		2.20	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 48M	-----
		2.23	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.23	ROUTINE RUN - 1 HOUR	MW 2W	-----
		2.23	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-128-703	(4/4)	2.13	(2.13.1) CLEAN INLET SCREEN AND SEDIMENT BOWL OF LUBE OIL LEVEL REGULATOR (EVERY 300 HRS OPRN OR 12 MTHS)	MW 12M	-----
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TROUBLE TESTS

155-128-703	(4/4)	2.19	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
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3.2 ALT, DSL ENG MAN; KS-5574-01 L95-L99, L96A-L99A, L103-L107, L104A-L107A

FOR ALL UNITS

155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-128-702	(3/4)	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
		2.01	LUBRICATE ALTERNATOR BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE COOLING FAN BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE GOVERNOR LINKAGE JOINTS & OVERSPEED TRIP (OR EVERY 50 HRS OPRN)	MW 6M	-----
		2.01	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARINGS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	REPLACE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.07	CLEAN AIR FILTERS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.08	REPLACE LUBRICATING OIL FILTER ELEMENT (OR EVERY 150 HRS OPRN)	MW 24M	-----
		2.09	(A & B) REPLACE FUEL OIL FILTERS-PRIMARY & SECONDARY (OR EVERY 500 HRS OPRN)	MW 12M	-----
		2.09	(D) REPLACE FUEL SUCTION LINE FILTER (OR EVERY 500 HRS OPRN)	MW 12M	-----
		2.10	TEST OVERSPEED TRIP	MW 24M	-----
		2.11	TEST FUEL OIL PRESSURE SWITCH	MW 24M	-----
		2.12	TEST LUBRICATING OIL PRESSURE SWITCH	MW 24M	-----
		2.13	TEST WATER TEMPERATURE SWITCH	MW 24M	-----
		2.15	DRESS SOLENOID SWITCH DISC CONTACT STUDS	MW 48M	-----
		2.15	INSPECT SOLENOID SWITCH DISC CONTACT INSULATORS	MW 60M	-----
		2.18	CHECK FOR LEAKS & EXCESSIVE VIBRATION	MW 24M	-----
		2.20	REPLACE PRESSURE CAP OR GASKET ON RADIATOR	MW 24M	-----
		2.21	CHECK FAN BELT TENSION	MW 24M	-----
		2.23	INSPECT VOLTAGE REGULATOR & CONTROL PANEL	MW 24M	-----
		2.24	INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
		2.29	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
		2.34	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.34	ROUTINE RUN - 1 HOUR	MW 2W	-----

155-128-702 (3/4) 2.34 ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN) MW 12M -----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-128-702 (3/4) 2.17 (2.17.1) CLEAN INLET SCREEN AND SEDIMENT BOWL OF LUBE OIL LEVEL REGULATOR (OR EVERY 300 HRS OPRN) MW 12M -----

TROUBLE TESTS

155-128-702 (3/4) 2.09 (C) SERVICE INJECTOR FILTERS TT -----

2.32 CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE TT -----

3.3 ALT,DSL ENG MAN; KS-5574 SER.71

FOR ALL UNITS

155-003-000 (2/0) 1.00 ENGRG & OPRNL REVIEW GEN INSTN & SUM PCDR MW 36M -----

155-003-001 (2/0) 1.00 ENGRG & OPRNL REVIEW PRETEST CHECKLIST MW 36M -----

8.00 AC STBY PLT ENGRG & OPRNL REVIEW MW 36M -----

155-003-003 (2/0) PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW MW 12M -----

155-128-701 (4/4) 2.01 CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN) MW 2W -----

2.01 LUBRICATE ALTERNATOR BEARING (OR EVERY 150 HRS OPRN) MW 12M -----

2.01 LUBRICATE COOLING FAN BEARINGS (OR EVERY 150 HRS OPRN) MW 12M -----

2.01 LUBRICATE OVERSPEED TRIP (OR EVERY 50 HRS OPRN) MW 6M -----

2.01 LUBRICATE OVERSPEED TRIP-ANGLE DRIVE (OR EVERY 100 HRS OPRN) MW 6M -----

2.01 LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARINGS (OR EVERY 150 HRS OPRN) MW 12M -----

2.01 LUBRICATE THROTTLE CONTROL CLEVIS PIN (OR EVERY 25 HRS OPRN) MW 6M -----

2.01 REPLACE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN) MW 12M -----

2.07 (A) REPLACE AIR FILTER (OR EVERY 150 HRS OPRN) MW 12M -----

2.07 (B & C) REPLACE FUEL OIL FILTERS-PRIMARY & SECONDARY (OR EVERY 500 HRS OPRN) MW 12M -----

2.07 (E) REPLACE LUBRICATING OIL STRAINER (OR EVERY 75 HRS OPRN) MW 12M -----

2.08 INSPECT FOR LEAKS & EXCESSIVE VIBRATION MW 12M -----

2.10 TEST AUTOMATIC SHUTDOWN DEVICES MW 24M -----

2.11 CHECK FAN BELT TENSION MW 24M -----

2.16 INSPECT VOLTAGE & CONTROL PANEL MW 24M -----

2.17 CHECK BRUSH PRESSURE MW 24M -----

2.18 CHECK BRUSH LENGTH MW 24M -----

2.19 CHECK BRUSH FIT MW 24M -----

2.20 CHECK BRUSH ALNMT MW 24M -----

2.21 CLEAN & INSPECT COMMUTATOR AND COLLECTOR RING SURFACES MW 24M -----

155-128-701	(4/4)	2.22	CLEAN AND INSPECT COMMUTATOR SLOTS	MW 24M	-----
		2.25	CHECK WATER LEVEL & FUEL SUPPLY (AND PRIOR TO EACH RUN)	MW 2W	-----
		2.25	ROUTINE RUN - 1 HOUR	MW 2W	-----
		2.25	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

SKINNER OIL FILTER

155-128-701	(4/4)	2.07	(D) REMOVE & CLEAN SKINNER TYPE OIL FILTER (OR EVERY 150 HRS OPRN)	MW 24M	-----
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AC OIL FILTER

155-128-701	(4/4)	2.07	(D) REPLACE AC TYPE OIL FILTER ELEMENT (OR EVERY 150 HRS OPRN)	MW 24M	-----
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OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-128-701	(4/4)	2.09	CLEAN INLET BOWL AND BRASS SCREEN (OR EVERY 300 HRS OPRN)	MW 12M	-----
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TROUBLE TESTS

155-128-701	(4/4)	2.07	(F) INJECTOR FILTERS CLEANED OR REPLACED	TT	-----
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3.4 ALT,DSL ENG MAN; KS-5665

FOR ALL UNITS

155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-138-701	(4/3)	2.01	CHANGE CRANKCASE OIL OR PEFORM OIL ANALYSIS (OR EVERY 300 HRS OPRN)	MW 12M	-----
		2.01	CHANGE GOVERNOR OIL (OR EVERY 500 HRS OPRN)	MW 24M	-----
		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
		2.01	CHECK GENERATOR BEARING OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	CLEAN & LUBRICATE TACHOMETER FLEXIBLE DRIVE SHAFT (OR EVERY 100 HRS OPRN)	MW 24M	-----
		2.01	CLEAN & REFILL GENERATOR BEARINGS	MW 24M	-----
		2.01	CLEAN & REPACK SEALED TYPE RADIATOR FAN MOTOR BEARING	MW 60M	-----
		2.01	CLEAN OR REPLACE LUBRICATING OIL STRAINER ELEMENTS (OR EVERY 8 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE GOVERNOR LINKAGE JOINTS & POWER PISTON TAILROD (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE RADIATOR FAN BEARINGS WITH GREASE CUPS OR OIL CUPS (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE RADIATOR FAN MOTOR BEARINGS WITH OIL CUPS (OR EVERY 100 HRS OPRN)	MW 24M	-----
		2.01	LUBRICATE STARTER MOTOR BEARINGS WITH OIL CUPS (OR EVERY 150 HRS OPRN)	MW 24M	-----
		2.01	REFILL TACHOMETER DRIVE GREASE CUP	MW 12M	-----

155-138-701 (4/3)	2.01	REPLACE GENERATOR BEARING LUBRICANT	MW 24M	-----
	2.05	REPLACE LUBE OIL BYPASS FILTER ELEMENTS (OR EVERY 150 HRS OPRN)	MW 24M	-----
	2.06	(D) CLEAN LUBRICATING OIL SUCTION STRAINER (OR UPON DROP IN OIL PRESSURE OR CRANKCASE OIL REPLACED)	MW 12M	-----
	2.06	CLEAN LUBRICATING OIL STRAINER ELEMENTS	MW 2M	-----
	2.13	CLEAN CYLINDER HEAD FUEL JET FILTER ELEMENTS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.14	(A) REPLACE FUEL OIL FILTER ELEMENTS (OR EVERY 300 HRS OPRN)	MW 24M	-----
	2.14	(D) FUEL OIL FILTER-DRAIN SLUDGE (OR EVERY 100 HRS OPRN)	MW 6M	-----
	2.16	AIR-BOX DRAIN VALVE-OPEN & DRAIN (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.17	CLEAN CRANKCASE BREATHER (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.18	CHECK LEAKS & EXCESSIVE NOISE & VIBRATION	MW 12M	-----
	2.19	CHECK OVERSPEED CUTOFF DEVICE OPRN	MW 24M	-----
	2.20	CHECK WATER TEMP & WATER TEMP SWITCH OPRN	MW 6M	-----
	2.28	CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS	MW 24M	-----
	2.29	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.38	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.38	ROUTINE RUN - 2 HOURS	MW 2W	-----
	2.38	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-138-701 (4/3)	2.11	(2.11.1) CLEAN LUBE OIL REGULATOR INLET BOWL AND BRASS SCREEN	MW 12M	-----
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TROUBLE TESTS

155-138-701 (4/3)	2.12	CLEAN FUEL INJECTOR FILTERS	TT	-----
	2.25	CLEAN & INSPECT STARTING MOTOR	TT	-----

3.5 ALT,DSL ENG MAN; KS-5666-01

FOR ALL UNITS

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-139-702 (1/3)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 5 HRS OPRN)	MW 2W	-----
	2.01	CLEAN LUBE OIL FILTER (PUROLATOR) (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE ALTERNATOR BEARING	MW 36M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE (OR EVERY 50 HRS OPRN)	MW 6M	-----

155-139-702 (1/3)	2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 100 HRS OPRN)	MW 6M	-----
	2.01	REPLACE AIR INTAKE FILTER OIL (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	REPLACE BOSCH FUEL PUMP OIL (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	REPLACE GOVERNOR OIL (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.11	(A) CLEAN FUEL OIL FILTER A ELEMENT (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.11	(B) CLEAN FUEL OIL FILTER B ELEMENT (OR EVERY 50 HRS OPRN)	MW 6M	-----
	2.13	INSPECT FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
	2.14	CHECK OVERSPEED CUTOFF DEVICE OPRN	MW 24M	-----
	2.18	CHECK FAN BELT TENSION	MW 12M	-----
	2.19	CLEAN & INSPECT CONTROL CABINET WIRING, RELAYS, SWITCHES, ETC.	MW 12M	-----
	2.20	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
	2.22	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.30	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.30	ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.30	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
◆ TROUBLE TESTS				
155-139-702 (1/3)	2.27	CLEAN & INSPECT STARTING MOTOR	TT	-----
◆ 3.6 ALT,DSL ENG MAN; KS-5666 (10 KW COMMERCIAL-TYPE)				
◆ FOR ALL UNITS				
155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-139-701 (2/3)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHANGE GOVERNOR OIL (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 5 HRS OPRN)	MW 2W	-----
	2.01	LUBRICATE ALTERNATOR BEARING	MW 36M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	REPLACE AIR INTAKE FILTER OIL (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	REPLACE HIGH PRESSURE FUEL INJECTION PUMP OIL (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.11	CLEAN FUEL OIL FILTER A ELEMENT (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.11	CLEAN FUEL OIL FILTER B ELEMENT (OR EVERY 50 HRS OPRN)	MW 6M	-----

SECTION 155-001-013

155-139-701	(2/3)	2.12	CLEAN LUBE OIL FILTER (PUROLATOR) (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.13	INSPECT FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
		2.14	CHECK OVERSPEED CUTOFF DEVICE OPRN	MW 24M	-----
		2.18	CHECK FAN BELT TENSION	MW 12M	-----
		2.19	CHECK ALTNR & EXCITER VOLTAGE REGULATION	MW 12M	-----
		2.20	(2.20 - 2.24) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 12M	-----
		2.25	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
		2.29	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.29	ROUTINE RUN - 1 HOUR	MW 2W	-----
		2.29	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
TROUBLE TESTS					
155-139-701	(2/3)	2.26	CLEAN & INSPECT STARTING MOTOR	TT	-----
3.7 ALT,DSL ENG MAN; KS-15622 L1-L4					
FOR ALL UNITS					
155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-165-301	(4/1)	3.12	(3.12 - 3.13) CHECK OVERSPEED ALARM	MW 12M	-----
		3.14	(3.14 - 3.15) CHECK LOW LUBRICATING OIL PRESSURE ALARM	MW 12M	-----
		3.16	(3.16 - 3.17) CHECK COOLING WATER HIGH TEMPERATURE ALARM	MW 12M	-----
155-165-701	(5/6)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 200 HRS OPRN)	MW 12M	-----
		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN OR EVERY 8 HRS OPRN)	MW 2W	-----
		2.01	CLEAN LUBE OIL FILTERS (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE AIR SHUTDOWN VALVE SHAFT (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE ALTERNATOR BEARING (OR AT TIME OF 5-HOUR RUN)	MW 24M	-----
		2.01	LUBRICATE OVERSPEED TRIP DRIVE SHAFT (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE RADIATOR FAN BEARING (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	REPLACE FILTER ELEMENT IN SUPPLY LINE TO GOVERNOR (OR EVERY 75 HRS OPRN)	MW 12M	-----
		2.06	DRAIN FUEL OIL DRAIN CONTAINER (OR EACH VISIT TO OFFICE)	MW M	-----
		2.11	CLEAN AIR INTAKE CLEANER	MW 12M	-----
		2.12	(A) CLEAN PRIMARY FUEL OIL FILTER ELEMENTS	MW 12M	-----
		2.12	(B) CLEAN SECONDARY FUEL OIL FILTER HOUSING (OR EVERY 75 HRS OPRN)	MW 12M	-----

155-165-701 (5/6)	2.12	(C) REPLACE SECONDARY FUEL OIL FILTER ELEMENT (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.14	CHECK OVERSPEED CUTOFF DEVICE OPRN	MW 24M	-----
	2.15	TEST LUBRICATING OIL PRESSURE SWITCH	MW 24M	-----
	2.16	TEST FUEL OIL PRESSURE SWITCH	MW 24M	-----
	2.17	TEST HIGH WATER TEMP SWITCH	MW 24M	-----
	2.18	TEST CIRCUIT BREAKER RELAY	MW 24M	-----
	2.20	INSPECT FOR LEAKS & EXCESSIVE NOISE & VIBRATION	MW 12M	-----
	2.23	REPLACE RADIATOR PRESSURE CAP OR GASKET	MW 24M	-----
	2.26	CHECK FAN BELT TENSION	MW 24M	-----
	2.28	CHECK ALTRN & EXCITER VOLTAGE REGULATION	MW 12M	-----
	2.29	CHECK GENERATOR FRAME, WINDINGS AND BEARING TEMPERATURE	MW 12M	-----
	2.30	(2.30 - 2.31) CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES & COMMUTATOR SLOTS	MW 24M	-----
	2.39	CHECK CRANKING CUTOFF SWITCH	MW 12M	-----
	2.41	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.41	ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.41	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

120KW

155-165-701 (5/6)	2.01	LUBRICATE GOVERNOR LINKAGE (OR EVERY 100 HRS OPRN)	MW 12M	-----
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170KW

155-165-701 (5/6)	2.01	REPLACE 4-UNIT LUBE OIL FILTER (OR EVERY 200 HRS OPRN)	MW 12M	-----
	2.01	REPLACE TURBOCHARGER FILTER ELEMENT (OR EVERY 200 HRS OPRN)	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

REMOTE RADIATOR COOLED

155-165-701 (5/6)	2.01	LUBRICATE WATER PUMP (MANUAL SET-REMOTE RADIATOR) (AND PRIOR TO EACH RUN OR EVERY 8 HRS OPRN)	MW M	-----
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RADIATOR COOLED

155-165-701 (5/6)	2.01	LUBRICATE WATER PUMP (120KW ENGINE RADIATOR ON SET) (OR EVERY 8 HRS OPRN)	MW M	-----
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OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

ALL OTHER PART NOS. - 2D FUEL OIL

155-165-701 (5/6)	2.01	REPLACE BOSCH FUEL PUMP OIL (OR EVERY 150 HRS OPRN)	MW 12M	-----
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ALL OTHER PART NOS. - 1D FUEL OIL

155-165-701 (5/6)	2.01	REPLACE BOSCH FUEL PUMP OIL (OR EVERY 75 HRS OPRN)	MW 12M	-----
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OPTIONAL FEATURES

LUBE OIL REGULATOR

SECTION 155-001-013

155-165-701 (5/6) 2.13 (2.13.1) CLEAN LUBE OIL LEVEL REGULATOR INLET BOWL & BRASS SCREEN (OR EVERY 300 HRS OPRN) MW 12M -----

TROUBLE TESTS

155-165-701 (5/6) 2.38 DISMANTLE, CLEAN, AND LUBRICATE STARTING MOTOR AND BENDIX DRIVE TT -----

3.8 ALT,DSL ENG MAN; KS-15717 L4-L9

FOR ALL UNITS

155-003-000 (2/0) 1.00 ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR MW 36M -----

155-003-001 (2/0) 1.00 ENGRG & OPRNL REVIEW PRETEST CHECKLIST MW 36M -----

8.00 AC STBY PLT ENGRG & OPRNL REVIEW MW 36M -----

155-003-003 (2/0) PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW MW 12M -----

155-172-700 (3/3) 2.01 (A & B) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN OR EVERY 8 HRS OPRN) MW 2W -----

2.01 (D) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN) MW 12M -----

2.01 (E) LUBRICATE OVERSPEED CUTOFF DEVICE (OR EVERY 25 HRS OPRN) MW 6M -----

2.10 CLEAN AIR CLEANER (OR EVERY 100 HRS OPRN) MW 24M -----

2.11 REPLACE FUEL OIL FILTER ELEMENTS (OR EVERY 100 HRS OPRN) MW 24M -----

2.12 REPLACE LUBE OIL FILTER ELEMENT (OR EVERY 100 HRS OPRN) MW 24M -----

2.13 INSPECT FOR LEAKS & EXCESSIVE VIBRATION MW 12M -----

2.17 CHECK FAN BELT TENSION MW 24M -----

2.18 REPLACE RADIATOR PRESSURE CAP GASKET MW 24M -----

2.20 TEST OVERSPEED CUT-OFF DEVICE MW 24M -----

2.21 TEST OIL PRESSURE SWITCH MW 24M -----

2.22 TEST HIGH WATER TEMP SWITCH MW 24M -----

2.23 CHECK ALTNR & EXCITER VOLTAGE REGULATION MW 12M -----

2.24 CHECK TEMPERATURE MW 12M -----

2.25 INSPECT COMMUTATOR SLOTS MW 24M -----

2.26 (2.26 - 2.30) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES MW 24M -----

2.31 CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES MW 24M -----

2.37 ROUTINE RUN - 1/2 HOUR MW 2W -----

2.38 CHECK WATER LEVEL & FUEL SUPPLY MW 2W -----

2.38 ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN) MW 12M -----

TROUBLE TESTS

155-172-700 (3/3) 2.35 CLEAN & INSPECT STARTING MOTOR & CONTROL PANEL TT -----

3.9 ALT,DSL ENG MAN; KS-15777

FOR ALL UNITS

155-003-000 (2/0) 1.00 ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR MW 36M -----

155-003-001 (2/0) 1.00 ENGRG & OPRNL REVIEW PRETEST CHECKLIST MW 36M -----

155-003-001	(2/0)	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-174-301	(3/0)	2.28	TEST AUDIBLE ALARM SWITCH	MW 12M	-----
		2.29	TEST AIR PRESSURE FAILURE ALARM	MW 12M	-----
		2.30	TEST HIGH OIL TEMP ALARM	MW 24M	-----
		2.31	TEST HIGH WATER TEMP ALARM	MW 24M	-----
		2.32	TEST OVERSPEED AND REVERSE POWER ALARM	MW 24M	-----
		2.33	TEST LOW OIL PRESSURE ALARM	MW 24M	-----
		3.04	TEST ALARM	MW 24M	-----
155-174-701	(3/3)	2.01	(A1 - A4) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
		2.01	(A5) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 600 HRS OPRN)	MW 12M	-----
		2.01	(B1) CHECK GOVERNOR OIL LEVEL (AND PRIOR TO EACH RUN)	MW M	-----
		2.01	(B2) CHANGE GOVERNOR OIL (OR EVERY 600 HRS OPRN)	MW 12M	-----
		2.01	(C1) CHECK ALTERNATOR BEARING OIL LEVEL (AND PRIOR TO EACH RUN)	MW M	-----
		2.01	(C2) CHANGE ALTERNATOR BEARING OIL	MW 24M	-----
		2.01	(D) LUBRICATE FUEL CONTROL SHAFT BEARINGS	MW 6M	-----
		2.01	(E) LUBRICATE RADIATOR FAN BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
		2.01	(F) LUBRICATE RADIATOR FAN MOTOR BEARINGS	MW 12M	-----
		2.01	(G) LUBRICATE GOVERNOR MOTOR BEARINGS	MW 12M	-----
		2.01	(H) LUBRICATE GOVERNOR LINKAGE JOINTS	MW 12M	-----
		2.01	(I1) LUBRICATE STARTING MOTOR (OR EVERY 100 HRS OPRN)	MW 24M	-----
		2.01	(I2) LUBRICATE BENDIX DRIVE BEARING	MW 24M	-----
		2.01	(I3) LUBRICATE PINION SCREW SHAFT	MW 24M	-----
		2.11	(2.11.1) EMPTY FUEL DRIP TANK (AND AFTER EVERY RUN)	MW 2W	-----
		2.11	(2.11.2) L59 FUEL FILTER (OR EVERY 100 HRS OPRN)	MW 9M	-----
		2.12	(A) REPLACE FUEL OIL FILTER ELEMENTS (OR EVERY 600 HRS OPRN)	MW 24M	-----
		2.12	(D) DRAIN SLUDGE FROM FUEL OIL FILTER (OR EVERY 100 HRS OPRN)	MW M	-----
		2.13	(A) CLEAN FUEL OIL STRAINER BY ROTATING HANDLE (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW M	-----
		2.13	(B) REMOVE & CLEAN FUEL OIL STRAINER (OR EVERY 1000 HRS OPRN)	MW 24M	-----
		2.14	REPLACE LUBE OIL FILTER ELEMENTS (OR EVERY 600 HRS OPRN)	MW 24M	-----
		2.16	FILTER SILENCER (OR EVERY 1000 HRS OPRN)	MW 12M	-----
		2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW 12M	-----
		2.19	CLEAN AIR LINE FILTER	MW 12M	-----

155-174-701 (3/3)	2.20	TEST OVERSPEED CUTOFF DEVICE	MW 24M	-----
	2.21	TEST LOW OIL PRESSURE SWITCH	MW 24M	-----
	2.22	TEST HIGH OIL TEMP SWITCH	MW 24M	-----
	2.23	TEST HIGH WATER TEMP SWITCH	MW 24M	-----
	2.24	TEST HIGH WATER TEMP ALARM	MW 24M	-----
	2.27	CHECK WATER TEMPERATURE REGULATOR	MW 24M	-----
	2.28	CHECK FAN BELT TENSION	MW 24M	-----
	2.31	TEST HEAT EXCHANGER WATER PUMP SWITCH	MW 24M	-----
	2.33	CLEAN & INSPECT VOLTAGE REGULATOR	MW 24M	-----
	2.34	CHECK BRUSH PRESSURE	MW 24M	-----
	2.35	CHECK BRUSH LENGTH	MW 24M	-----
	2.36	CHECK BRUSH FIT	MW 24M	-----
	2.37	CHECK BRUSH ALIGNMENT	MW 24M	-----
	2.38	CHECK BRUSH HOLDERS	MW 24M	-----
	2.39	CLEAN & INSPECT COMMUTATOR AND COLLECTOR RING SURFACES	MW 24M	-----
	2.40	CLEAN COMMUTATOR SLOTS	MW 24M	-----
	2.42	(A) CRANKING CUTOFF SWITCH	MW 24M	-----
	2.42	(B) FREQUENCY MONITOR SWITCH	MW 24M	-----
	2.44	(2.44.1) CLEAN & INSPECT MAIN CONTROL CABINET WIRING, RELAYS, SWITCHES	MW 12M	-----
	2.44	(B) ROUTINE RUN - 3 HOURS	MW 2W	-----
	2.44	(C) ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.44	(D & E) CHECK WATER LEVEL & FUEL SUPPLY)	MW 2W	-----

OPTIONAL FEATURES

RADIATOR COOLED

155-174-701 (3/3)	2.29	CHECK RADIATOR FAN LOW SPEED SWITCH	MW 24M	-----
	2.30	CHECK RADIATOR FAN HIGH SPEED SWITCH	MW 24M	-----

3.10 ALT,DSL ENG MAN; KS-15884L1

FOR ALL UNITS

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-176-301 (2/1)	3.04	TEST FUSE ALARM	MW 6M	-----
	3.05	TEST OVERSPEED ALARM	MW 12M	-----
	3.06	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
	3.07	TEST WATER HIGH TEMP ALARM	MW 12M	-----
155-176-701 (5/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND AFTER 8 HRS OPRN)	MW 2W	-----

155-176-701 (5/1)	2.01	LUBRICATE ALTERNATOR BEARINGS (OR EVERY 150 HRS OPRN)	MW 24M	-----
	2.01	LUBRICATE COOLING FAN BEARINGS	MW 12M	-----
	2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR REPLACE EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE STARTER MOTOR & BENDIX DRIVE BEARINGS (OR EVERY 150 HRS OPRN)	MW 24M	-----
	2.01	REPLACE AIR CLEANER OIL (OR EVERY 100 HRS OPRN)	MW 24M	-----
	2.01	REPLACE LUBE OIL FILTER ELEMENT (OR EVERY 250 HRS OPRN)	MW 24M	-----
	2.09	REPLACE PRIMARY & SECONDARY FUEL OIL FILTERS & FUEL SUCTION LINE FILTER (OR EVERY 500 HRS OPRN)	MW 36M	-----
	2.10	INSPECT FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
	2.11	(2.11.1) AIR BOX DRAINS AND TANK TUBES CLEANED (OR EVERY 500 HRS OPRN)	MW 36M	-----
	2.11	(2.11.1) DRAIN TANKS EMPTIED (OR EVERY 8 HRS OPRN)	MW 6M	-----
	2.12	CHECK OVERSPEED TRIP DEVICE	MW 24M	-----
	2.13	TEST FUEL OIL PRESSURE SWITCH	MW 24M	-----
	2.14	TEST LUBRICATING OIL PRESSURE SWITCH	MW 24M	-----
	2.15	TEST HIGH WATER TEMP. SWITCH	MW 24M	-----
	2.16	TEST HOT-WIRE RELAY	MW 24M	-----
	2.19	REPLACE RADIATOR PRESSURE CAP OR GASKET	MW 24M	-----
	2.20	CHECK FAN BELT TENSION	MW 24M	-----
	2.23	CLEAN & INSPECT ENGINE CONTROL CABINET WIRING, RELAYS & SWITCHES	MW 24M	-----
	2.24	(2.24 - 2.28) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.29	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
	2.30	CLEAN & INSPECT COMMUTATOR SLOTS	MW 24M	-----
	2.33	INSPECT SOLENOID SWITCH	MW 48M	-----
	2.35	(B) ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.35	(C) ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.35	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-176-701 (5/1)	2.11	CLEAN LUBE OIL LEVEL REGULATOR INLET BOWL SCREEN (IF PROVIDED) (OR EVERY 300 HRS OPERTAION)	MW 12M	-----
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TROUBLE TESTS

155-176-701 (5/1)	2.32	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
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3.11 ALT, DLS ENG MAN; KS-15884 L2 - L4

FOR ALL UNITS

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
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SECTION 155-001-013

155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-176-302	(2/1)	3.04	TEST FUSE ALARM	MW 6M	-----
		3.05	TEST OVERSPEED ALARM	MW 12M	-----
		3.06	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
		3.07	TEST WATER HIGH TEMP ALARM	MW 12M	-----
155-176-701	(5/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
		2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND AFTER 8 HRS OPRN)	MW 2W	-----
		2.01	LUBRICATE ALTERNATOR BEARINGS (OR EVERY 150 HRS OPRN)	MW 24M	-----
		2.01	LUBRICATE COOLING FAN BEARINGS	MW 12M	-----
		2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 100 HRS OPRN)	MW 12M	-----
		2.01	LUBRICATE STARTER MOTOR & BENDIX DRIVE BEARINGS (OR EVERY 150 HRS OPRN)	MW 24M	-----
		2.01	REPLACE AIR CLEANER OIL (OR EVERY 100 HRS OPRN)	MW 24M	-----
		2.01	REPLACE LUBE OIL FILTER ELEMENT (OR EVERY 250 HRS OPRN)	MW 24M	-----
		2.09	REPLACE PRIMARY & SECONDARY FUEL OIL FILTERS & FUEL SUCTION LINE FILTER (OR EVERY 500 HRS OPRN)	MW 36M	-----
		2.10	INSPECT FOR LEAKS & EXCESSIVE VIBRATION	MW 12M	-----
		2.11	(2.11.1) AIR BOX DRAINS AND TANK TUBES CLEANED (OR EVERY 500 HRS OPRN)	MW 36M	-----
		2.12	CHECK OVERSPEED TRIP DEVICE	MW 24M	-----
		2.13	TEST FUEL OIL PRESSURE SWITCH	MW 24M	-----
		2.14	TEST LUBRICATING OIL PRESSURE SWITCH	MW 24M	-----
		2.15	TEST HIGH WATER TEMP. SWITCH	MW 24M	-----
		2.16	TEST HOT-WIRE RELAY	MW 24M	-----
		2.19	REPLACE RADIATOR PRESSURE CAP OR GASKET	MW 24M	-----
		2.20	CHECK FAN BELT TENSION	MW 24M	-----
		2.23	CLEAN & INSPECT ENGINE CONTROL CABINET WIRING, RELAYS AND SWITCHES	MW 24M	-----
		2.24	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
		2.29	CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
		2.30	CLEAN & INSPECT COMMUTATOR SLOTS	MW 24M	-----
		2.33	INSPECT SOLENOID SWITCH	MW 48M	-----
		2.35	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
		2.35	ROUTINE RUN - 1 HOUR	MW 2W	-----
		2.35	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-176-701	(5/1)	2.11	CLEAN LUBE OIL LEVEL REGULATOR INLET BOWL SCREEN (IF PROVIDED) (OR EVERY 300 HRS OPERATION)	MW	12M	-----
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TROUBLE TESTS

155-176-701	(5/1)	2.32	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT		-----
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3.12 ALT,DSL ENG MAN; KS-15899 L1, L2, L11, L12

FOR ALL UNITS

▶	155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW	36M	-----
▶	155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW	36M	-----
▶			8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW	36M	-----
▶	155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW	12M	-----
	155-180-301	(2/0)	2.28	TEST HORN DISCONNECT	MW	24M	-----
			2.29	TEST AIR PRESSURE FAIL ALARM	MW	12M	-----
			2.30	TEST HIGH OIL TEMP ALARM	MW	24M	-----
			2.32	TEST OVERSPEED AND REVERSE POWER	MW	24M	-----
			2.33	TEST LOW OIL PRESSURE ALARM	MW	24M	-----
			3.05	TEST ALARM CUTOFF SWITCH	MW	24M	-----
▶	155-180-701	(4/1)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 500 HRS OPRN)	MW	12M	-----
▶			2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW	2W	-----
▶			2.01	LUBE OIL FILTER (OR EVERY 500 HRS OPRN)	MW	24M	-----
▶			2.01	LUBRICATE AIR CLEANERS (OR EVERY 100 HRS OPRN)	MW	24M	-----
▶			2.01	LUBRICATE ALTERNATOR BEARING (OR EVERY 150 HRS OPRN)	MW	12M	-----
▶			2.01	LUBRICATE GOVERNOR (OR EVERY 500 HRS OPRN)	MW	12M	-----
▶			2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 75 HRS OPRN)	MW	12M	-----
▶			2.01	LUBRICATE OVERSPEED TRIPS (EARLY MODELS) (OR EVERY 25 HRS OPRN)	MW	6M	-----
▶			2.01	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARING (OR EVERY 100 HRS OPRN)	MW	12M	-----
▶			2.12	REPLACE FUEL OIL FILTER ELEMENT (OR EVERY 250 HRS OPRN)	MW	24M	-----
▶			2.13	CLEAN FUEL OIL STRAINER BY ROTATING HANDLE (OR EVERY 8 HRS OPRN)	MW	6M	-----
▶			2.13	REMOVE & CLEAN FUEL OIL STRAINER	MW	24M	-----
▶			2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW	12M	-----
▶			2.19	TEST CRANKING CUTOFF, FREQ MONITORING AND OVERSPEED CUTOFF SWITCHES	MW	24M	-----
▶			2.20	TEST LUBRICATING OIL PRESSURE SWITCH OPRN	MW	24M	-----
▶			2.21	TEST HIGH LUBE OIL TEMP. SWITCH	MW	24M	-----
▶			2.22	TEST HIGH WATER TEMP. SWITCH	MW	24M	-----
▶			2.23	TEST PREL HIGH WATER TEMP. ALARM SWITCH	MW	24M	-----
▶			2.29	TEST HEAT EXCHANGER WATER PUMP SWITCH	MW	24M	-----

SECTION 155-001-013

155-180-701 (4/1)	2.32	CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.37	(2.37 & 2.38) CLEAN & INSPECT COMMUTATOR & COLLECTOR RINGS, COMMUTATOR SLOTS	MW 24M	-----
	2.40	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.40	MAIN CONTROL CABINET-CLEAN & INSPECT WIRING, RELAYS, SWITCHES	MW 24M	-----
	2.40	ROUTINE RUN - 3 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 2W	-----
	2.40	ROUTINE RUN - 3 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.41	AUTOMATIC SWITCH CO. RELAYS SECTION 040-804-701	MW 24M	-----
	2.41	STRUTHERS DUNN RELAYS-SECTION 040-801-701	MW 24M	-----

OPTIONAL FEATURES

SYNCRO START

155-180-301 (2/0)	2.31	TEST HIGH WATER TEMP ALARM	MW 12M	-----
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RADIATOR COOLED

155-180-701 (4/1)	2.01	LUBRICATE RADIATOR FAN BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE RADIATOR MOTOR FAN BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.26	CHECK FAN BELT TENSION	MW 24M	-----
	2.27	CHECK RADIATOR FAN LOW-SPEED SWITCH	MW 24M	-----
	2.28	CHECK RADIATOR FAN HIGH-SPEED SWITCH	MW 24M	-----

LUBE OIL LEVEL REGULATOR

155-180-701 (4/1)	3.18	LUBE OIL LEVEL REG BOWL & INLET SCREEN CLEANED (OR 300H OPERATION)	MW 12M	-----
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TROUBLE TESTS

155-180-701 (4/1)	2.08	CLEAN & INSPECT STARTING SOLENOID SWITCH, STARTING MOTOR, BENDIX DRIVE	TT	-----
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3.13 ALT,DSL ENG MAN; KS-15929 L1, L11

FOR ALL UNITS

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-185-301 (2/0)	3.03	TEST FUSE ALARM	MW 12M	-----
	3.04	TEST OVERSPEED ALARM	MW 12M	-----
	3.05	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
	3.06	TEST WATER HIGH TEMPERATURE ALARM	MW 12M	-----
155-185-701 (4/0)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	LUBRICATE AIR SHUTDOWN VALVE SHAFT BUSHING (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE ALTERNATOR BEARINGS (OR EVERY 150 HRS OPRN)	MW 24M	-----

155-185-701 (4/0)	2.01	LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE OVSPEED CUTOFF DEVICE (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	LUBRICATE STARTING MOTOR & BENDIX DRIVE BEARING (OR EVERY 150 HRS OPRN)	MW 6M	-----
	2.01	REPLACE LUBE OIL FILTER ELEMENTS (OR EVERY 250 HRS OPRN)	MW 24M	-----
	2.01	SERVICE AIR CLEANERS (OR EVERY 150 HRS OPRN)	MW 12M	-----
	2.03	CHECK LUBRICATING OIL PRESSURE (AND DURING EACH RUN)	MW 2W	-----
	2.04	CHECK LUBRICATING OIL TEMPERATURE (AND DURING EACH RUN)	MW 2W	-----
	2.05	CHECK ENGINE SPEED (AND DURING EACH RUN)	MW 2W	-----
	2.12	REPLACE FUEL OIL FILTERS PRIMARY OR SECONDARY AND FUEL OIL STRAINER (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.14	REPLACE LUBE OIL FILTER ELEMENTS (OR EVERY 250 HRS OPRN)	MW 12M	-----
	2.15	REPLACE GOVERNOR FILTER (OR EVERY 250 HRS OPRN)	MW 12M	-----
	2.16	CLEAN LUBE OIL COOLER & HEAT EXCHANGER	MW 12M	-----
	2.17	CLEAN AIR BOX DRAIN TUBES (OR EVERY 500 HRS OPRN)	MW 12M	-----
	2.17	EMPTY AIR BOX DRAIN TANKS (OR EVERY 8 HRS OPRN)	MW M	-----
	2.19	INSPECT FOR LEAKS & EXCESSIVE NOISE VIBRATION	MW M	-----
	2.20	TEST ALL AUTOMATIC SHUTDOWN DEVICE	MW 12M	-----
	2.21	(B) CHECK LUBE OIL PRESSURE SWITCH	MW 12M	-----
	2.22	(B) CHECK FUEL OIL PRESSURE SWITCH	MW 12M	-----
	2.24	(B) CHECK HIGH WATER TEMPERATURE SWITCH	MW 12M	-----
	2.25	CHECK PRELIMINARY HIGH WATER TEMPERATURE SWITCH OPRN	MW 12M	-----
	2.27	CHECK COOLING WATER SOLUTION	MW 12M	-----
	2.28	CHECK REPLACE HEAT EXCHANGER & RADIATOR PRESSURE CAP	MW 24M	-----
	2.29	CHECK FAN BELT TENSION	MW 12M	-----
	2.32	CHECK HEAT EXCHANGER WATER PUMP SWITCH	MW 12M	-----
	2.33	CHECK ANTIFREEZE SOLUTION AND RUST INHIBITOR	MW 12M	-----
	2.35	(B) CHECK IMMERSION HEATER	MW 12M	-----
	2.36	REPLACE ETHER SUPPLY	MW 24M	-----
	2.38	(A) CHECK ENGINE ALTRN OUTPUT VOLTAGE	MW M	-----
	2.39	CHECK BRUSH PRESSURE	MW 12M	-----
	2.40	CHECK BRUSH LENGTH	MW 12M	-----
	2.41	CHECK BRUSH FIT	MW 12M	-----
	2.42	CHECK BRUSH ALIGNMENT	MW 12M	-----
	2.43	CHECK BRUSH HOLDERS	MW 12M	-----
	2.44	CLEAN & INSPECT COLLECTOR RING SURFACES	MW 12M	-----

◆	155-185-701 (4/0)	2.48	(B) ROUTINE RUN - 1 HOUR	MW 2W	-----
◆		2.48	(C) ROUTINE RUN - 7 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES

REMOTE RADIATOR COOLED

	155-185-701 (4/0)	2.30	CHECK RADIATOR FAN LOW SPEED SWITCH	MW 12M	-----
		2.31	CHECK RADIATOR FAN HIGH SPEED SWITCH	MW 12M	-----

LUBE OIL LEVEL REGULATOR

	155-185-701 (4/0)	2.16	(2.16.1) CLEAN INLET BOWL & BRASS SCREEN (OR EVERY 300 HRS OPRN)	MW 12M	-----
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HEAT EXCHANGER COOLED

	155-185-701 (4/0)	2.37	CHECK WATER TEMPERATURE REGULATOR	MW 12M	-----
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TROUBLE TESTS

	155-185-701 (4/0)	2.06	ENGINE ALTNR KW OUTPUT	TT	-----
		2.07	EXHAUST OUTLET BACK PRESSURE	TT	-----
		2.10	FUEL OIL PRESSURE	TT	-----
		2.11	FUEL INJECTORS	TT	-----
		2.13	FUEL INJECTOR FILTERS	TT	-----
◆		2.46	DISMANTLE, CLEAN, & LUBRICATE STARTING MOTOR SPRAG CLUTCH	TT	-----

3.14 ALT,DSL ENG MAN; KS-15954 L1, L2, L11, L12

FOR ALL UNITS

◆	155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
◆	155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
◆		8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
◆	155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
◆	155-187-301 (2/0)	3.03	(3.03 - 3.05) TEST ALL ALARMS	MW 12M	-----
◆	155-187-701 (2/4)	2.01	(A1 - A4) CHECK CRANKCASE OIL LEVEL (AND PRIOR EACH RUN & EVERY 8 HRS OPERATION)	MW 2W	-----
◆		2.01	(A5) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.01	(B1) CHECK GOVERNOR OIL LEVEL	MW M	-----
◆		2.01	(B2) CHANGE GOVERNOR OIL (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.01	(C) LUBRICATE ALTERNATOR BEARINGS (OR EVERY 150 HRS OPRN)	MW 24M	-----
◆		2.01	(D) LUBRICATE RADIATOR FAN BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.01	(E) LUBRICATE RADIATOR FAN MOTOR (OR EVERY 300 HRS OPRN)	MW 12M	-----
◆		2.01	(F) LUBRICATE GOVERNOR MOTOR BEARINGS (OR EVERY 300 HRS OPRN)	MW 12M	-----
		2.01	(G) LUBRICATE GOVERNOR LINKAGE JOINTS	MW 6M	-----
		2.01	(H1) LUBRICATE STARTING MOTOR BEARING	MW 12M	-----
		2.01	(H2) LUBRICATE BENDIX DRIVE BEARING	MW 24M	-----
		2.01	(H3) LUBRICATE PINION SCREW SHAFT	MW 24M	-----

155-187-701 (2/4)	2.12	FUEL OIL FILTER (OR 250H OPERATION)	MW 12M	-----
	2.13	(A) CLEAN FUEL OIL STRAINER ELEMENT BY ROTATING HANDLE (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW M	-----
	2.13	(B) REMOVE AND CLEAN FUEL OIL STRAINER ELEMENT	MW 12M	-----
	2.14	REPLACE LUBE OIL FILTER ELEMENTS (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.16	AIR CLEANER (OR 1000H OPERATION)	MW 12M	-----
	2.17	INSPECT FOR LEAKS & EXCESSIVE NOISE & VIBRATION	MW 12M	-----
	2.18	TEST TURBOCHARGER OIL PRESSURE SWITCH	MW 12M	-----
	2.20	TEST OVERSPEED & CRANKING CUTOFF DEVICES	MW 24M	-----
	2.24	CHECK PREL. HIGH WATER TEMP SWITCH	MW 24M	-----
	2.27	CHECK FAN BELT TENSION	MW 12M	-----
	2.30	TEST HEAT EXCHANGER WATER PUMP SWITCH	MW 24M	-----
	2.33	(2.33 - 2.37) CLEAN & INSPECT BRUSH HOLDERS & BRUSHES	MW 24M	-----
	2.38	(2.38 - 2.39) CLEAN & INSPECT COMMUTATOR & COLLECTOR RING SURFACES	MW 24M	-----
	2.42	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.42	ROUTINE RUN - 3 HOURS	MW 2W	-----
	2.42	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.43	CLEAN & INSPECT CABINET WIRING, RELAYS, SWITCHES, EQUIPMENT	MW 12M	-----

OPTIONAL FEATURES

RADIATOR COOLED

155-187-701 (2/4)	2.28	RADIATOR FAN LOW SPEED SWITCH	MW 24M	-----
	2.29	RADIATOR FAN HIGH SPEED SWITCH	MW 24M	-----

LUBE OIL LEVEL REGULATOR

155-187-701 (2/4)	2.19	CLEAN LUBE OIL LEVEL REG. INLET SCREEN BOWL (IF PROVIDED) (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.21	TEST LUBE OIL PRESSURE SWITCH	MW 24M	-----
	2.22	TEST HIGH LUBE OIL TEMP SWITCH	MW 24M	-----
	2.23	TEST HIGH WATER TEMP SWITCH	MW 24M	-----

TROUBLE TESTS

155-187-701 (2/4)	2.38	CLEAN & INSPECT STARTING MOTOR & BENDIX DRIVE	TT	-----
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3.15 ALT,DSL ENG MAN; KS20523 & KS20524

FOR ALL UNITS

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-193-301 (1/2)	3.06	(3.06 - 3.09) TEST ALARMS- MANUAL CONTROL UNITS	MW 6M	-----

155-193-701 (3/0)	2.01	(A1 & A2) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	(A3) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	(C) CLEAN, REPL FILTER ELEM & LUBRICATE GOVERNOR FILTER & RESERVOIR (OR EVERY 1000 HRS OPRN)	MW 36M	-----
	2.01	(D) LUBRICATE ALTERNATOR BEARING (OR EVERY 9000 HRS OPRN)	MW 24M	-----
	2.01	(F1) LUBRICATE STARTING MOTOR BEARINGS (OR EVERY 300 HRS OPRN)	MW 24M	-----
	2.01	(F2) LUBRICATE SPRAG CLUTCH BEARING	MW 24M	-----
	2.01	(F3) LUBRICATE CLUTCH PINION SHAFT	MW 24M	-----
	2.01	(G) LUBRICATE GOVERNOR MOTOR BEARINGS	MW 12M	-----
	2.01	(H1) LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 25 HRS OPRN)	MW 6M	-----
	2.01	(H2) LUBRICATE AIR SHUTDOWN VALVE SHAFT BEARING	MW 12M	-----
	2.03	CHECK LUBE OIL PRESSURE (AND DURING EACH RUN)	MW 2W	-----
	2.05	CHECK ALTNR PWR OUTPUT (AND DURING EACH RUN)	MW 2W	-----
	2.08	REPL FUEL OIL FILTERS & STRAINERS (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.10	REPL FULL-FLOW LUBE OIL FILTER ELEM (OR EVERY 100 HRS OPRN)	MW 24M	-----
	2.11	CLEAN LUBE OIL COOLER (OR AS REQUIRED)	MW 12M	-----
	2.12	REPLACE AIR CLEANERS ELEMENTS	MW 12M	-----
	2.13	AIR BOX DRAINS & TANKS (OR EVERY 300 HRS OPRN)	MW 24M	-----
	2.14	INSPECT FOR LEAKS, EXCESSIVE NOISE & VIBRATION	MW 12M	-----
	2.16	CHECK LOW LUBE OIL PRESSURE SWITCH	MW 24M	-----
	2.17	CHECK PRELIMINARY HIGH WATER TEMP SWITCH	MW 24M	-----
	2.18	CHECK HIGH WATER TEMP SWITCH	MW 24M	-----
	2.22	CHECK RECTIFIER FAILURE LAMP STATUS	MW 24M	-----
	2.23	CHECK JACKET HEATER FAILURE LAMP STATUS	MW 24M	-----
	2.28	CHECK FAN BELT TENSION (OR EVERY 300 HRS OPRN)	MW 12M	-----
	2.29	CHECK ANTIFREEZE & RUST INHIBITOR IN COOLING SYS (ONCE LATE AUTUMN & MIDWINTER)	MW 6M	-----
	2.30	CHECK RADIATOR DISCHARGE AIR SHUTTERS OPRN	MW 12M	-----
	2.31	CLEAN IMMERSION HEATER OPRN (OR EVERY 300 HRS OPRN)	MW 6M	-----
	2.32	CHECK ALTERNATOR, EXCITER & VOLTAGE REGULATOR	MW M	-----
	2.35	CLEAN & INSPECT MAIN CONTROL CABINET WIRING, RELAYS, SWITCHES & EQUIPMENT	MW 24M	-----
	2.36	(C) ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----
	2.36	CHECK WATER LEVEL & FUEL SUPPLY	MW 2W	-----
	2.36	ROUTINE RUN - 1 HOUR	MW 2W	-----

OPTIONAL FEATURES

RADIATOR COOLED

155-193-701	(3/0)	2.01	(E) LUBRICATE ENGINE MTG RADIATOR FAN BEARINGS	MW 60M	-----
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LUBE OIL LEVEL REGULATOR

155-193-701	(3/0)	2.01	(B) CLEAN LUBE OIL LEVEL REG. (IF PROVIDED) INLET SCREEN BOWL (OR EVERY 300H OPERATION)	MW 12M	-----
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IMMERSION HEATER

155-193-701	(3/0)	2.29	IMMERSION HEATER (OR EVERY 300H OPERATION)	MW 6M	-----
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TROUBLE TESTS

155-193-701	(3/0)	2.19	REVERSE POWER	TT	-----
		2.20	CONTROL FUSE FAILURE	TT	-----
		2.21	CONTROL CKT BRKR TRIPPED	TT	-----
		2.24	OVERVOLTAGE	TT	-----
		2.25	CRANK FAILURE	TT	-----
		2.27	RADIATOR PRESSURE CAP	TT	-----

3.16 ALT, DSL ENG MAN; KS20525 & KS20526

FOR ALL UNITS

▶	155-003-000	(2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
▶	155-003-001	(2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
▶			8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
▶	155-003-003	(2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
	155-194-301	(2/0)	3.07	TEST CONTROL FUSE FAIL ALARM	MW 3M	-----
			3.08	TEST OVERSPEED ALARM	MW 12M	-----
			3.09	TEST LOW OIL PRESSURE ALARM	MW 12M	-----
			3.10	TEST HIGH WATER TEMP ALARM	MW 12M	-----
▶	155-194-701	(3/0)	2.01	(A) CHECK CRANKCASE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
▶			2.01	(A3) CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
			2.01	(C2) REPLACE GOVERNOR FILTER AND REFILL RESERVOIR (OR EVERY 1000 HRS OPRN)	MW 36M	-----
▶			2.01	(D) LUBRICATE ALTERNATOR BEARING (OR EVERY 9000 HRS OPRN)	MW 24M	-----
▶			2.01	(G1) LUBRICATE STARTING MOTOR BEARINGS (OR EVERY 300 HRS OPRN)	MW 24M	-----
			2.01	(G2) LUBRICATE SPRAG CLUTCH	MW 24M	-----
			2.01	(H) LUBRICATE GOVERNOR MOTOR BEARINGS (OR EVERY 25 HRS OPRN)	MW 12M	-----
▶			2.01	(I1) LUBRICATE GOVERNOR LINKAGE JOINTS (OR EVERY 25 HRS OPRN)	MW 6M	-----
			2.01	(I2) LUBRICATE AIR SHUTDOWN VALVE SHAFT BEARING	MW 12M	-----
▶			2.08	FUEL OIL FILTERS (OR EVERY 300 HRS OPRN)	MW 12M	-----
▶			2.10	LUBE OIL FILTER (OR EVERY 100 HRS OPRN)	MW 24M	-----
▶			2.11	LUBE OIL COOLER (OR AS REQUIRED)	MW 12M	-----

SECTION 155-001-013

155-194-701 (3/0)	2.12	REPLACE AIR CLEANER ELEMENTS	MW 24M	-----
	2.13	AIR BOX DRAINS & TANK (OR EVERY 300H OPERATION)	MW 24M	-----
	2.14	INSPECT FOR LEAKS, EXCESSIVE NOISE & VIBRATION	MW 24M	-----
	2.15	TEST OVERSPEED ALARM	MW 24M	-----
	2.16	TEST LOW OIL PRESSURE SWITCH	MW 24M	-----
	2.17	TEST PREL. WATER TEMP SWITCH	MW 24M	-----
	2.18	TEST HIGH WATER TEMP SWITCH	MW 24M	-----
	2.19	TEST REVERSE POWER	MW 24M	-----
	2.20	TEST CONTROL FUSE FAILURE	MW 24M	-----
	2.21	TEST CONTROL CKT BREAKER TRIPPED	MW 24M	-----
	2.22	TEST CHARGING RECTIFIER LAMP	MW 24M	-----
	2.23	TEST JACKET HEATER FAILURE	MW 24M	-----
	2.33	CHECK ALTERNATOR, EXCITER & VOLTAGE REGULATOR	MW M	-----
	2.37	(B) ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.37	(C) ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

ENGINE MOUNTED RADIATOR

155-194-701 (3/0)	2.28	CHECK FAN BELT TENSION (OR EVERY 300 HRS OPRN)	MW 12M	-----
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REMOTE MOUNTED RADIATOR

155-194-701 (3/0)	2.29	CHECK REMOTE RADIATOR FAN BELT TENSION (OR EVERY 300 HRS OPRN)	MW 12M	-----
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OPTIONAL FEATURES

LUBE OIL LEVEL REGULATOR

155-194-701 (3/0)	2.01	(B5) LUBE OIL LEVEL REGULATOR INLET SCREEN (OR EVERY 300 HRS OPRN)	MW 12M	-----
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IMMERSION HEATER

155-194-701 (3/0)	2.32	CLEAN IMMERSION HEATER (OR EVERY 300 HRS OPRN)	MW 12M	-----
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3.17 ALT,DSL ENG MAN; KS-20527 L1-L12

FOR ALL UNITS

155-003-000 (2/0)	1.00	ENGRG & OPRNL REVIEW GEN INSTN & SUM PRCDR	MW 36M	-----
155-003-001 (2/0)	1.00	ENGRG & OPRNL REVIEW PRETEST CHECKLIST	MW 36M	-----
	8.00	AC STBY PLT ENGRG & OPRNL REVIEW	MW 36M	-----
155-003-003 (2/0)		PWR FAILURE SIMLTN ENGRG & OPRNL REVIEW	MW 12M	-----
155-195-701 (1/3)	2.01	CHANGE CRANKCASE OIL OR PERFORM OIL ANALYSIS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	CHECK LUBE OIL LEVEL (AND PRIOR TO EACH RUN AND EVERY 8 HRS OPRN)	MW 2W	-----
	2.01	LUBRICATE * ENGINE BREATHER (OR EVERY 500 HRS OPRN)	MW 24M	-----
	2.01	LUBRICATE FUEL OIL FILTERS (OR EVERY 500 HRS OPRN)	MW 24M	-----

155-195-701 (1/3)	2.01	LUBRICATE LUBE FILTER BYPASS VALVE (OR EVERY 3000 HRS OPRN)	MW 36M	-----
	2.01	LUBRICATE MAIN ALTERNATOR BEARING (2000H) (FIRST 6M, THEN EVERY 24M)	MW 24M	-----
	2.01	LUBRICATE OIL FILTERS (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE OIL PAN & OIL PUMP SUCTION SCREEN (OR EVERY 3000 HRS OPRN)	MW 36M	-----
	2.01	LUBRICATE OIL PRESSURE REGULATING VALVE (OR EVERY 3000 HRS OPRN)	MW 36M	-----
	2.01	LUBRICATE OIL PUMP PRESSURE RELIEF VALVE (OR EVERY 3000 HRS OPRN)	MW 36M	-----
	2.01	LUBRICATE SPRAG CLUTCH BEARING	MW 24M	-----
	2.01	LUBRICATE STARTING AID VALVE & FLEXIBLE CABLE (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE THROTTLE YOKE & STOP CONTROL SWIVEL (OR EVERY 100 HRS OPRN)	MW 12M	-----
	2.01	LUBRICATE WATER PUMP (OR EVERY 500 HRS OPRN)	MW 24M	-----
	2.01	SERVICE AIR CLEANSER (OR EVERY 50 HRS OPRN)	MW 12M	-----
	2.12	CHECK OVERSPEED SWITCH & ALARM	MW 24M	-----
	2.14	CHECK LOW OIL PRESSURE SWITCH & ALARM	MW 24M	-----
	2.15	PRELIMINARY HIGH-COOLANT TEMPERATURE SWITCH ALARM	MW 24M	-----
	2.16	HIGH-COOLANT TEMPERATURE SWITCH & ALARM	MW 24M	-----
	2.18	CHECK COOLING WATER FOR ACIDITY	MW 12M	-----
	2.21	CHECK RADIATOR FAN BELT	MW 6M	-----
	2.24	COLD WEATHER STARTING AIDS * (A) ETHER STARTING DEVICE	MW 24M	-----
	2.30	ROUTINE RUN - 1 HOUR	MW 2W	-----
	2.30	ROUTINE RUN - 5 HOURS (OR PERFORM PWR FAILURE SIMLTN)	MW 12M	-----

OPTIONAL FEATURES

REMOTE MOUNTED RADIATOR

155-195-701 (1/3)	2.01	LUBRICATE REMOTE-MOUNTED RADIATOR MOTOR BEARINGS (OR EVERY 1000 HRS OPRN)	MW 24M	-----
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LUBE OIL LEVEL REGULATOR

155-195-701 (1/3)	2.10	INLET BOWL & BRASS SCREEN (OR EVERY 300 HRS OPRN)	MW 12M	-----
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IMMERSION HEATER

155-195-701 (1/3)	2.17	IMMERSION HEATER FAILURE SWITCH & ALARM	MW 24M	-----
	2.24	COLD WEATHER STARTING AIDS * (B) IMMERSION HEATER (OR EVERY 2000 HRS OPRN)	MW 24M	-----

3.18 ALT,DSL ENG MAN; ANTIFREEZE & RUST INHIBITOR

SELECT ONLY ONE CATEGORY

DUPONT #7 LIQUID ANTIRUST & WATER PUMP LUBRICANT				
065-305-301 (12/0)	3.02	REPLACE RUST INHIBITOR (NEXT SYSTEM FLUSHING)	MW *	-----
COOLING SYS TREATMENT (RUST INHIBITOR)				
065-305-301 (12/0)	3.01	(3.01 - 3.03) REPLACE COOLING SYS TREATMENT (OR EVERY 250 HRS OPRN)	MW 36M	-----

COOLING SYS CNTG ANTIFREEZE

◆	065-305-301	(12/0)	4.01	(4.01 - 4.11)	TEST ANTIFREEZE SOLUTION (ONCE LATE AUTUMN & MIDWINTER)	MW 6M	-----
◆			5.01	(5.01 - 5.02)	ACIDITY TEST	MW 6M	-----
◆			6.01	(6.01 - 6.02)	CLEAN COOLING SYSTEM	MW 12M	-----

3.19 ALT,DSL ENG MAN; SUMP OIL ANALYSIS FOR STBY ENG ALTR

FOR ALL UNITS

	065-330-105	(1/0)	3.01		SAMPLE ADMIN	MW 6M	-----
			3.02		SAMPLE REVIEW	MW 6M	-----
			4.02		OIL SAMPLE	MW 12M	-----

3.20 ALT,DSL ENG MAN; ENGINE FUEL STORAGE

FOR ALL UNITS

◆	065-320-301	(8/0)	3.01	(3.01 - 3.05)	DESL & GAS TRBN ENG FUEL REQTS	MW 12M	-----
			3.06		GASOLINE ENG FUEL REQTS	MW 12M	-----
◆			4.01	(4.01 - 4.08)	FUEL STORAGE REQTS	MW 24M	-----
◆			5.01	(5.01 - 5.04)	WATER DETN & RMVL	MW 12M	-----
◆			6.01	(6.01 - 6.04)	FUEL SMPL REQ	MW 12M	-----

TROUBLE TESTS

	065-320-301	(8/0)	7.01		FUEL INHIBITOR	TT	-----
			8.01		ON-SITE FUEL FILTRATION	TT	-----

3.21 ALT,DSL ENG MAN; 900-TYP PWR PLT AUTO FL PUMP CONT

FOR ALL UNITS

	155-020-105	(1/0)	5.02		TRG FUEL PUMP SYS CHECK	MW 6M	-----
			5.03		CHECK CONTROL UNIT ALARM TEST	MW 6M	-----