

ENGINE PARAMETER SHEET

TWIN ENGINE OPERATION

LOCAL CONTROL PANEL IN M.E.R.(STBD)

DATE

PARAMETER	UNIT	CST 100%	IDEAL	25%	50%	75%	100%	
ENGINE SPEED	RPM							
PROPELLER SPEED	RPM							
PROPELLER PITCH	DEG							
FW TEMP.	DEG C							
LO TEMP.	DEG C							
AIR COOLER FW TEMP.	DEG C							
START AIR PRESSURE	BAR							
FUEL PRESSURE	BAR							
FW PRESSURE	BAR							
SW PRESSURE	BAR							
SUPER CHARGING AIR PR.	BAR							
LO PRESSURE	BAR							
LOCAL SPEED CONTROL AIR PR.	BAR							
REMOTE SPEED CONTROL AIR PR	BAR							
CONTROL AIR PR. POS.1 ON PNEUMATIC SUPPLY FRAME	BAR							
CONTROL AIR PR. POS.2 ON PNEUMATIC SUPPLY FRAME	BAR							
ENGINE ROOM TEMP.	DEG C							
T/C RPM A BANK(X10)	RPM							
T/C RPM B BANK(X10)	RPM							
CRANK CASE PRE.	MM							

LOCAL PARAMETRS ON MAIN ENGINE (STBD)

IN M.E.R.

MAIN ENGINE FUEL RACK	mm							
M/E FW OUTLET TEMP.	DEG C							
M/E FW INLET TEMP.	DEG C							
CHARGE AIR COOLER FW INLET TEMP	DEG C							
CHARGE AIR COOLER FW OUTLET TEMP	DEG C							
SW TEMP OUTLET FROM LO COOLER	DEG C							
M/E ENGINE LO INLET TEMP	DEG C							
M/E ENGINE LO OUTLET TEMP	DEG C							

FUEL OIL PR. AFTER DUPLEX FILTER	DEG C							
SW TEMP BEFORE FW COOLER	DEG C							
SW TEMP AFTER FW COOLER	DEG C							
FW TEMP BEFORE FW COOLER	DEG C							
FW TEMP AFTER FW COOLER	DEG C							
START AIR PR.	BAR							

GEAR BOX SUPERVISION PANEL IN M.E.R.

OIL PR. AFTER PUMP	BAR							
OIL PR. BEFORE FILTER	BAR							
OIL PR. AT GEAR INLET	BAR							
SW PR. COOLER INLET	BAR							
OIL PR. AT CLUTCH INLET	BAR							
OIL PR GEAR DRIVEN HP PUMP	BAR							
OIL TEMP. AT GEAR INLET	DEG C							
MAIL THRUST BRG TEMP. FWD No.8	DEG C							
MAIN THRUST BRG TEMP. AFT No. 9	DEG C							

LOCAL PARAMETER ON GEAR BOX IN MER (STBD)

GEAR BOX LO TEMP BEFORE LO COOLER		DEG C						
GEAR BOX LO TEMP BEFORE LO COOLER		DEG C						
SW TEMP. BEFORE LO COOLER		DEG C						
SW TEMP. AFTER LO COOLER		DEG C						
GEAR BOX BRG TEMP	BRG No. 1	DEG C						
	BRG No. 2	DEG C						
	BRG No. 3	DEG C						
	BRG No. 4	DEG C						
	BRG No. 5	DEG C						
	BRG No. 6	DEG C						
	BRG No. 7	DEG C						
	BRG No. 10	DEG C						
SW PR ON PUMP		BAR						
LO PR ON G/B		BAR						

CPP OIL SYSTEM LOCAL GAUGES (MER)

CPP BUILT IN PUMP SUCT. PR.	BAR							
CPP BUILT IN PUMP DISCH. PR.	BAR							
CPP BUILT IN PUMP LO DIFF PR. ACROSS FILTER	BAR							
CPP TOPPING UP PUMP SUCT. PR.	BAR							
CPP TOPPING UP PUMP DISCH. PR	BAR							
OIL PR. AT DISCH. MANIFOLD ON REDUCING PANEL.	BAR							
CPP OIL PR. AT CONTROL UNIT ON REDUCING PANEL	BAR							

CPP OIL SYSTEM LOCAL GAUGES (AFT D/A)

CONTROL OIL PR. IN ELEC. HYD. CONTROL UNIT	BAR							
OD BOX OIL PR.	BAR							
STERN TUBE SW COOLING PR.	BAR							
OIL TEMP AT AFT BRG OF OD BOX	DEG C							
OIL TEMP AT FWD BRG OF OD BOX	DEG C							
OD BOX LO OUTLET TEMP (AFT) ON OIL ADJ. ASSY	DEG C							
OD BOX LO OUTLET TEMP (FWD) ON OIL ADJ. ASSY	DEG C							
PLUMMER BLOCK BRG TEMP (ON BRG)	DEG C							
PROPELLER PITCH(ON OD BOX)	DEG(A H)							
CPP OIL TEMP BEFORE COOLER	DEG C							
CPP OIL TEMP AFTER COOLER	DEG C							
OIL PR. ON RETURN PIPING(OD BOX DRAIN)	BAR							
SW INLET TEMP TO CPP COOLER	DEG C							
SW OUTLE TEMP FROM CPP COOLER	DEG C							
PLUMMER BLOCK SW COOLING TEMP.	DEG C							

PARAMETERS IN SCC (SIDE PANEL) STBD

ENGINE SPEED	RPM							
ENGINR HR METER	HOURS							
FUEL RACK POSITION	mm							
PROPELLER CONTROL OIL PR.	BAR							
PROPELLER OD BOX OIL PR.	BAR							
GEAR BOX CONTROL OIL PR.	BAR							
GEAR BOX LO PR.	BAR							
ENGINE LO PR	BAR							
ENGINE FW PR.	BAR							
SUPER CHARGING AIR PR.	BAR							
DIESEL OIL PR	BAR							
PROPELLER OD BOX OIL TEMP.	DEG C							
GEAR BOX SW PR	BAR							
GEAR BOX LO TEMP	DEG C							
ENGINE LO TEMP	DEG C							
ENGINE FW TEMP.	DEG C							
SUPER CHARGING AIR TEMP.	DEG C							
ENGINE SW PR.	BAR							
START AIR PR.	BAR							
M/E COMBINATOR POSITION								

PARAMETERS IN SCC (CENTRAL PANEL) STBD

TORQUE METER	Nm							
PROPELLER PITCH	DEG							
PROPEELER SPEED	RPM							
LOCAL SPEED CONTROL	BAR							
REMOTE SPEED CONTROL	BAR							
EMERGENCY SPEED CONTROL	BAR							
REMOTE CONTROL AIR PR.	BAR							

M.E EXHAUST TEMP IN SCC (STBD)

EXHAUST TEMP. BANK 'A'	CYLINDER No. A1	DEG C							
	CYLINDER No. A2	DEG C							
	CYLINDER No. A3	DEG C							
	CYLINDER No. A4	DEG C							
	CYLINDER No. A5	DEG C							
	CYLINDER No. A6	DEG C							
	CYLINDER No. A7	DEG C							
	CYLINDER No. A8	DEG C							
	CYLINDER No. A9	DEG C							
EXHAUST TEMP. BANK 'B'	CYLINDER No. B1	DEG C							
	CYLINDER No. B2	DEG C							
	CYLINDER No. B3	DEG C							
	CYLINDER No. B4	DEG C							
	CYLINDER No. B5	DEG C							
	CYLINDER No. B6	DEG C							
	CYLINDER No. B7	DEG C							
	CYLINDER No. B8	DEG C							
	CYLINDER No. B9	DEG C							
'A' BANK	T/C INLET EXH TEMP	DEG C							
	T/C INLET EXH TEMP	DEG C							
'B' BANK	T/C INLET EXH TEMP	DEG C							
	T/C OUTLET EXH TEMP	DEG C							
AVERAGE CYL TEMP.		DEG C							

M.E. BEARING & G.B. BEARING TEMP IN S.C.C. (STBD)

GEAR BOX BRG TEMP.	RAD. BRG. No.1	DEG C							
	RAD. BRG. No.2	DEG C							
	RAD. BRG. No.3	DEG C							
	RAD. BRG. No.4	DEG C							
	RAD. BRG. No.5	DEG C							
	RAD. BRG. No.6	DEG C							
	RAD. BRG. No.7	DEG C							
	THRUST BRG No 8	DEG C							
	THRUST BRG. No.9	DEG C							

	RAD. BRG. No.10	DEG C							
MAIN ENGINE BRG TEMP	RAD. BRG No.1	DEG C							
	RAD. BRG No.2	DEG C							
	RAD. BRG No.3	DEG C							
	RAD. BRG No.4	DEG C							
	RAD. BRG No.5	DEG C							
	RAD. BRG No.6	DEG C							
	RAD. BRG No.7	DEG C							
	RAD. BRG No.8	DEG C							
	RAD. BRG No.9	DEG C							
	RAD. BRG No.10	DEG C							