



QTY.	ITEM	DESCRIPTION
1	1	TIE BAR ASSEMBLY (BY OTHERS)
2	2	ROD END
2	3	TILLER ASSEMBLY
2	4	TILLER BOLT - EXTRA LONG
2	5	B-MODEL CYLINDER
1	6	RFU-2000 (RUDDER FEEDBACK UNIT)
4	7	2-WAY SHUT OFF VALVE
4	8	FLEX HOSE
1	9	DARB (DOUBLE ACTING RELIEF & BYPASS) VALVE
6	10	SHUT-OFF VALVE (BY OTHERS)
1	11	H58 (HELM PUMP)
1	12	HEADER TANK
2	13	HPU (HYDRAULIC POWER UNIT)
2	14	MSA (MOTOR STARTER & ALARM) BOX
1	15	AP-36 (ALARM PANEL)
1	16	SCA-200 (STEERING CONTROL AMPLIFIER)
1	17	WHJB (WHEELHOUSE JUNCTION BOX)
1	18	TP36-2 (TEST PANEL)
2	19	AP-66-2 (ALARM PANEL)
1	20	SP36-2 (STARTER PANEL)
1	21	CP36-1 (MODE SELECTOR PANEL)
1	22	RAI-300 (RUDDER ANGLE INDICATOR)
1	23	JO100 (JOG LEVER)
1	24	ROI-300 (RUDDER ORDER INDICATOR)
1	25	EW200 (ELECTRIC WHEEL)
1	26	HEADER TANK

NOTE:
 -SOLID LINES REPRESENT PIPING
 -DASH LINES REPRESENT WIRING FUNCTION
 (NOT CABLE REQUIREMENT)

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(UNLESS SPECIFIED OTHERWISE)			
X.X	+/- 0.1	FRACTION	+/- 1/64
X.XX	+/- 0.01	ANGULAR	+/- 0.5 DEG.
X.XXX	+/- 0.005	SURFACE FINISH	✓
ALL DIMENSIONS IN INCH(mm)			

REV.	DATE	DRAWING/DESIGN CHANGE No.	BY
<small>JASTRAM ENGINEERING LTD. 467 Mountain Highway North Vancouver, B.C. Canada V7J 2L3 Tel.: (604) 986-0714 Fax: (604) 986-0334</small>			
DATE: 17-02-04	SCALE: N.T.S.	DRAWN: G.Q.	APPR. ENG. PROD.
TITLE: B-MODEL, TWIN RUDDER ELECTRIC HELM CONTROL			DRAWING NUMBER: D-S00140