



PROCESS SYSTEMS INTERNATIONAL, INC.

FEDERAL EXPRESS

TO: LIGO PROJECT M/S 51-33

DATE: 12/19/96

CAL. INSTITUTE OF TECH.
391 S. HOLLISTON AVENUE
PASADENA, CA 91125

TRANS. NO.: CT066

PROJECT NO.: V59049

ATTN: ALLEN SIBLEY C/O

SENT BY: RICH BAGLEY

THE FOLLOWING ☒ DRAWINGS
☐ DOCUMENTS
☐ SPECIFICATIONS

☒ ARE ATTACHED
☐ SENT SEPARATELY

Document No.	Rev.	Title	Dwg.Size	Sheets
V049-8-142	B	SIDE PLATE G44	B	1
V049-8-143	A	STIFFENER G44	B	1
V049-8-146	C	WELD STUB G44	B	1
V049-8-147	C	END PLATE G44	B	1
V049-8-148	A	BELLOWS ASSEMBLY G44	B	1
V049-8-149	E	FRONT CARR. CROSS MEMBER G44	B	1
V049-8-150	F	REAR CARR. CROSS MEMBER	B	1
V049-8-151	E	INTER. CARR. CROSS MEMBER	B	1
V049-8-152	E	OUTER CARRIAGE BEAM	B	1
V049-8-153	E	INNER CARRIAGE BEAM G44	B	1
V049-8-154	E	CARRIAGE F/R STIFFENER	B	1
V049-8-155	D	BONNET FLANGE G44	B	1
V049-8-156	B	GATE SIDE UPPER BODY PLATE G44	B	1
V049-8-157	A	CARRIAGE SIDE UPPER BODY PLATE	C	1
V049-8-158	B	CARRIAGE SIDE FLANGE G44	D	1
V049-8-162	E	BONNET PLATE G44	B	1
V049-8-168	D	GATE G44	B	1
V049-8-171	D	LINK PIN ASSY G44, G48	A	1
V049-8-172	C	CARR. ADJUSTMENT BLOCK G44/G48	A	1
V049-8-173	C	LINK PIN HOUSING G44	A	1
V049-8-174	B	AXLE HOUSING GATE FRAME G44/G4	A	2
V049-8-179	C	ASSEMBLY BALL SCREW G44	A	1
V049-8-191	B	ACTUATOR ASSY G44 ELECTRIC	B	1
V049-8-193	G	BODY WELDMENT (BW/FLG) G44E/P	B	1
V049-8-194	D	COVER, G44E, G48E	D	1
V049-8-195	A	ASSY DWG G44P	B	1
V049-8-196	B	ASSY DWG G44 ELECTRIC	B	1
V049-8-197	A	LINK ASSY G44, G48	A	1
V049-8-200	B	AIR CYLINDER ADAPTER G44P	B	1
V049-8-203	A	ACTUATOR ASSY G44P	C	1
V049-8-204	B	CARRIAGE ASSY G44P, G44E	B	1
V049-8-495	C	SIDE WHEEL	A	1

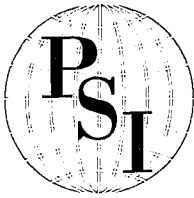
CC: JOHN WORDEN - WA SITE

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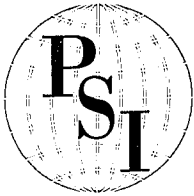
Document No.	Rev.	Title	Dwg.Size	Sheets
V049-8-496	C	MOTOR MOUNTING STIFF	A	1
V049-8-497	C	BEARING SLEEVE	A	1
V049-8-498	A	ASSY SIDE WHEEL	A	1
V049-8-499	A	WASHER	A	1
V049-8-500	D	LINK	A	1
V049-8-501	A	PI MOUNTING STIFF	A	1
V049-8-502	A	MOUNTING PAD	A	1
V049-8-503	A	STOP BAR CARRIAGE WELDMENT	A	1
V049-8-504	C	CONNECTING SOCKET, CARRIAGE	A	1
V049-8-505	A	ASSY, CLUTCH PULLEY	A	1
V049-8-506	A	SEALING STRIPS, COVER	A	1
V049-8-507	A	ADAPTOR, WELDMENT BELLOWS CARR	A	1
V049-8-508	A	LOCK HNDLE ROD	A	1
V049-8-509	A	BUSHING CARRIAGE LOCK	A	1
V049-8-510	A	WELD'T CAP SCREW MTG LOCK	A	1
V049-8-511	A	MODIFIED NIPPLE	A	1
V049-8-512	A	CARR SIDE FLNGE FLATNESS	A	1
V049-8-513	A	INSPECTION DATA	A	1
V049-8-514	A	OUTSIDE VALVE DIMS	A	1
V049-8-515	B	SPARE PARTS LIST	A	1
V049-8-516	A	RING BEARING SUPPORT	A	1
V049-8-517	A	KEY ANTI-ROTATION CARR LOCK	A	1
V049-8-518	A	PLATE LOCK YOKE	A	1
V049-8-519	A	BLOCK ANTI-ROTATION	A	1
V049-8-520	A	MOD HALF NIPPLE WELD'T BONNET	A	1
V049-8-521	A	WELD'T SCREW LOCKOVER COLLAPSE	A	1
V049-8-522	A	BLOCK LOCK YOKE	A	1
V049-8-523	A	SPACER BLOCK	A	1
V049-8-524	B	WHEEL ASSY GUIDE	A	1
V049-8-525	A	LINK PIN	A	1
V049-8-526	B	STANDOFF	A	1
V049-8-527	A	KEY DRIVE	A	1
V049-8-528	A	DISK LOCK CAP	A	1
V049-8-529	A	CLEVIS LOCK CAP	A	1
V049-8-530	E	GATE FRAME WELDMENT	B	1
V049-8-531	E	CARRIAGE MACHINING	B	1
V049-8-532	C	WELD'T BEARING HOUSE	B	1
V049-8-533	A	MOTOR MOUNTING DRILLED	B	1
V049-8-534	A	WELD'T MOTOR MTG DRLLD/SLTTD	B	1
V049-8-535	A	DRIVE SHAFT	B	1

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Document No.	Rev.	Title	Dwg. Size	Sheets
V049-8-536	E	PULLEY DRIVESHAFT	B	1
V049-8-537	D	COVER BASE	B	1
V049-8-538	C	PULLEY CLUTCH	B	1
V049-8-539	D	CLUTCH BODY MODIFIED	B	1
V049-8-540	E	MOTOR/PI MOUNTING WELD'T	B	1
V049-8-541	B	RING TYPE STIFF ROLL-UP MACHIN	B	1
V049-8-542	B	LOCK CAP	B	1
V049-8-543	E	BLOCK STOP	B	1
V049-8-544	B	AXLE PLATE CARRIAGE WELD'T	B	1
V049-8-545	A	AXLE GUIDE WHEEL	B	1
V049-8-546	A	AXLE SIDE WHEEL	B	1
V049-8-547	A	GUIDE WHEEL	B	1
V049-8-548	C	TUBE BEARING HOUSING	B	1
V049-8-549	B	FLANGE BRG HSG WELD'T	B	1
V049-8-550	B	FLANGE CLUTCH PULLEY	B	1
V049-8-551	A	ALUM SPACER PLATE CLUTCH	B	1
V049-8-552	A	ASSY MODIFIED CLUTCH	B	1
V049-8-553	A	CLUTCH RING 17-4	B	1
V049-8-554	A	LAYOUT SEALING STRIPS IN COVER	B	1
V049-8-555	A	ASSY CARRIAGE LOCK	B	1
V049-8-556	A	WELD'T ROD LOCK	B	1
V049-8-557	B	LOCK ROD	B	1
V049-8-558	A	WELD'T BELLOWS CARRIAGE LOCK	B	1
V049-8-559	A	LG FLANGE WELD'T CAR LCK BELLO	B	1
V049-8-560	A	STANDOFF CUP CARRIAGE LOCK	B	1
V049-8-561	A	MNTNG PLT CARR LOCK MICROSWITC	B	1
V049-8-562	A	MOUNTING PLATE CONTROLS	B	1
V049-8-563	A	ASSY SHIPPING CVR CARR SIDE FL	B	1
V049-8-564	A	SHEET SHIPPING COVER	B	1
V049-8-566	B	POSTWELD FINAL MACHINING GATE	B	1
V049-8-567	B	ASSY CLUTCH/PULLEYS	B	1
V049-8-568	B	FINAL CARRIAGE WELD'T	B	1
V049-8-569	A	WELD'T LOCK YOKE	B	1
V049-8-570	B	CF FLANGE CARRIAGE	B	1
V049-8-571	B	WELD'T CARRIAGE CONN SOCKET	B	1
V049-8-572	A	STOP BLOCK CARR COLLAPSE	B	1
V049-8-573	A	STOP BLOCK CARR LOCKOVER	B	1
V049-8-574	B	WELD'T GATE SIDE FLANGE	B	1
V049-8-575	D	PLATE GATE SIDE FLANGE	B	1
V049-8-576	A	PLATE GATE FRAME	B	1

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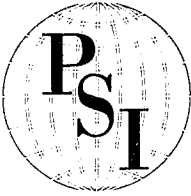
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Document No.	Rev.	Title	Dwg.Size	Sheets
V049-8-577	A	SCHEM LIGO ELEC V CNTRL CIRCUI	B	1
V049-8-578	A	BONNET PLATE	B	1
V049-8-579	A	HALF NIPPLE CARRIAGE LOCK	B	1
V049-8-580	A	PLATE MOTR MTG DRILLD & SLOTTD	B	1
V049-8-581	A	WELD'T SHIPPING COVER	B	1

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