Fermilab

April 17, 1986

TO: J. O'Meara

FROM: R.L. Schmitt RLL

SUBJECT: Muon Cryogenics Instrument List

The instrument list sent you on January 29 is updated. The latest revision date is April 16.

RLS/tg
cc: J. Bywater
R. Dachniwskyj
R. Fast
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File: INSTRUMENT LIST
Report: COMPLETE LIST

TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
AE		3	HE ROOF			CATLIST		NO	EXIST
AE		3	HE CRYO ROOM			CATLIST		NO	EXIST
AE		3	N2 CCM PIT			CATLIST		NO	EXIST
AE		3	N2 CRYO ROOM			CATLIST		NO	EXIST
AE		3	N2 CHIMNEY			CATLIST		NO	EXIST
AI	H20	1	WATER	0-199 PPM		MEECO	W	NO	RLS
AI	N2	1	NITROGEN	0-50 PPM		FERMI	ARC CELL	NO	RLS
AISL	HE	3	ROOF & CYRO RM		18/23 %	FERMI		YES	EXIST
AISL	N2	3	N2 CRYO & CHIMNEY		18/23 %	FERMI		YES	EXIST
AISL	PIT	3	CCM PIT		18/23 %	FERMI		YES	EXIST
ESH	023	7	CVM LEAD 2					NO	
ESH	053	7	CVM LEAD 1					NO	
FAL	022	7	CVMFL2					NO	CERN
FAL	023	7	CVM FL1					NO	CERN
FE	022	7	CVM LEAD FLOW			HASTINGS	TYPE L10	NO	CERN
FE	023	7	CVM LEAD FLOW			HASTINGS	TYPE L10	NO	CERN
FE	110H	1	INLET FLOW	75,100 SCFH		CARRIER-OEHLER		NO	RLS
FE	503H	3	EX-5 FLOW	52,600 SCFH		CARRIER-OEHLER		NO	RLS
FE	518H	3	EX-8 FLOW	11,300 SCFH		CARRIER-OEHLER		NO	RLS
FE	551H	4	CVM FLOW	5-15 G/S		FERMI		NO	MES/JB
FI	033H	7	CVM TOTAL LEAD	1100 SCFH HE		FISCHER&PORTER	10A35571Y	NO	RLS
FI	578H	4	CCM COOLDOWN	3200 SCFH		DWYER	RMC-107	NO	RLS
FI	579H	4	CCM COOLDOWN	1000 SCFH		DWYER	RMC-103	NO	RLS
FI	CCMFL1	5	CCM LEAD	260 SCFH		DWYER		NO	EXIST
FI	CCMFL2	5	CCM LEAD	260 SCFH		DWYER		NO	EXIST
FI	PURGE	4	VENT PURGE	60-600 SCFH	350 SCFH	DWYER	RMC-105-SSV	NO	RLS
FISL	CVMFL1	7	CVM LEAD FLOW	300 STD L/M	200 L/MIN	HASTINGS	EAHL-10PGX	YES	CERN
FISL	CVMFL2	7	CVM LEAD FLOW	300 STD L/M	200 STD L/M	HASTINGS	EAHL-10PGX	YES	CERN
FT	022	7	CVM LEAD FLOW			HASTINGS	TYPE H-3M	NO	CERN
FT	023	7	CVM LEAD FLOW			HASTINGS	TYPE H-3M	NO	CERN
FT	CCMFL1	5	CCM LEAD FLOW	0-300 SCFH		HASTINGS	STH-200K	YES	RD
FT	CCMFL2	5	CCM LEAD FLOW	0-300 SCFH		HASTINGS	STH-200K	YES	RD
FT	FX5HP	3	EX-5 FLOW	0-100" WATER		BARTON	6002-10-01	YES	RLS
FT	FX7HP	4	CVM FLOW	0-75" WATER		BARTON	6002-10-01	YES	RLS

TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
FT	FX8HP	3	EX-8 FLOW	0-100" WATER		BARTON	6002-10-01	YES	RLS
FT	FXHP	1	INLET FLOW	0-100" WATER		BARTON	6002-10-01	YES	RLS
HC	DEWH	2	S-1 HEATER	0-700 WATTS				NO	CPG
HS	ESD	1	EMERGENCY	N.C.				NO	
HS	EX8	3	EX-8	AUTO/OFF		FERMI		NO	TAO
HS	HPS	1	ISOLATION	OPEN-CLOSE				NO	
HS	LPR	1	ISOLATION	OPEN-CLOSE				NO	
HS	P1	4	P-1 START/STOP					NO	
HS	P2	4	P-2 START/STOP					NO	
HS	S2	4	S-2 AUTO/OFF					NO	
HS	SUP1	8	SELECT US,UC,LS,LC					NO	EXIST
HS	SUP2	8	SELECT 1-12					NO	EXIST
JI	DEWH	2	S-1 HEATER	0-700 WATTS				NO	CPG
JSL	P1	4	P-1 LOW POWER					NO	SGO
JSL	P2	4	P-2 LOW POWER					NO	SGO
KQ	DE	1	HOURMETER					NO	EXIST
KQ	WE	2	HOURMETER					NO	EXIST
LAL	010	6	SEPERATOR LEVEL					NO	CERN
LAL	011	6	LEVEL PREALARM					NO	CERN
LALL	011	6	LEVEL TRIP ALARM					NO	CERN
LE	CCMH	5	CCM HELIUM	HIGH				NO	EXIST
LE	CCML	5	CCM HELIUM LEVEL	LOW				NO	EXIST
LE	CCMS	5	CCM HELIUM	SPARE				NO	EXIST
LE	LLDEW	2	S-1			AMI		NO	CPG
LI	010	6	DEWAR SEPERATOR			AMI	110	NO	CERN
LI	011	6	CVM DEWAR					NO	CERN
LI	304H	2	S-1					NO	CDM
LI	CCMLL	5	CCM HELIUM					YES	RD
LI	LND	3	LN2 STORAGE					NO	EXIST
LISL	S2	4	S-2 LEVEL CONTROL	0-50" WATER	20/26" WATER	BARTON	288A	NO	RLS
LIT	CVMLL	6	CVM DEWAR					YES	CERN
LIT	LLDEW	2	S-1			AMI		YES	TAO
LSH	011	6	CVM HEATER OFF					NO	CERN
LSHH	011	6	CVM HEATER ON					NO	CERN

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TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
LSL	010	6	DEWAR SEPERATOR					NO	CERN
LSL	011	6	LEVEL PREALARM					NO	CERN
LSL	EX8N	3	EX-8 LEVEL			FERMI		NO	TAO
LSLL	011	6	MAGNET TRIP					NO	CERN
LT	LLDEWLN	3	LN2 STORAGE	0-75" WATER		BARTON	6001-1-10	YES	RLS
LT	LLXLN	1	EX-1	0-4.8" WATER		BARTON	6001-03-01	YES	RLS
PDI	061H	6	COIL PRESSURE DROP	0-15 PSID		BARTON	227A	NO	RLS
PDI	090N	6	FINE STRAINER	0-5 PSID		BARTON	227A	NO	RLS
PDI	118H	1	STRAINER DIFF.	0-5 PSID		BARTON	227A	NO	RLS
PDI	473N	4	P-1 BOOST	0-75 PSID		BARTON	227A	NO	RLS
PDI	483N	4	P-2 BOOST	0-75 PSID		BARTON	227A	NO	RLS
PDI	494N	4	STRAINER	0-5 PSID		BARTON	227A	NO	RLS
PDI	616N	5	STRAINER	0-5 PSID		BARTON	227A	NO	RLS
PDI	650N	4	FINE STRAINER	0-5 PSID		BARTON	227A	NO	RLS
PDIS	PHPS	1	PV-HPS DIFFERANCE	0-20 PSID	10 PSID	BARTON	288A	NO	RLS
PDT	PDX2HP	1	EX-II DIFF.	0-20 PSID		BARTON	6001-15-01	YES	RLS
PE	059V	7	CVN VACUUM					NO	JPK
PE	240V	1	DRY ENGINE VACUUM					NO	
PE	250V	2	VALVE BOX VAC					NO	EXIST
PE	260V	2	WET ENG VAC	0-1000 OHM		TELEVAC	2A	NO	EXIST
PE	309V	2	S-1 VAC					NO	CPG
PE	450V	3						NO	EXIST
PE	451V	3						NO	EXIST
PE	452V	3						NO	EXIST
PE	454V	3						NO	EXIST
PE	455V	3						NO	EXIST
PE	457V	3						NO	EXIST
PE	CCNLV	5	ION GAUGE					NO	EXIST
PE	CCNLV	5	TC GAUGE					NO	EXIST
PE	CCNV	5	ION GAUGE					NO	EXIST
PE	CCNV	5	TC GAUGE					NO	EXIST
PE	LNDV	3	LN2 STORAGE					NO	EXIST
PE	PTLV	4	TRNSFR LINE VAC					NO	MES/JB
PE	TUBE( )	4	U-TUBE VACUUM					NO	MES/JB

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TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
PI	050	6	CVM DEWAR VAC					NO	
PI	051V	6	CVM TRNSFR VAC					NO	
PI	054H	6	CVM DEWAR	0-60 PSIG				NO	
PI	054V	7	ROUGHING VACUUM					NO	CERN
PI	103H	1	HIGH PRESS SUPPLY	0-400 PSIG		AMETEK	1980	NO	RLS
PI	118H	1	STRAINER OUTLET	0-400 PSIG		AMETEK	1980	NO	RLS
PI	132H	1	DRY ENGINE INLET	0-400 PSIG		AMETEK	1980	NO	EXIST
PI	162H	2	WET ENG IN	0-400 PSIG		AMETEK	1980	NO	EXIST
PI	205H	1	LOW PRESS RETURN	0-10 PSIG		AMETEK	1919	NO	RLS
PI	241H	1	DRY ENGINE EXHAUST	30-0-100 PSI		AMETEK	1980	NO	EXIST
PI	261H	2	WET ENG EXHAUST	30-0-30 PSIG		AMETEK	1980	NO	EXIST
PI	318H	2	S-1 PRESS	0-100 PSIG		AMETEK	1980	NO	RLS
PI	474N	4	P-1 DISCHARGE	0-100 PSIG		AMETEK	1980	NO	RLS
PI	477N	4	P-1 SEAL PURGE	0-3 PSIG		FISHER		NO	RLS
PI	484N	4	P-2 DISCHARGE	0-100 PSIG		AMETEK	1980	NO	RLS
PI	487N	4	P-2 SEAL PURGE	0-3 PSIG		FISHER		NO	RLS
PI	496N	4	CVM RETURN	0-100 PSIG		AMETEK	1980	NO	RLS
PI	507H	3	EX-5 INLET	0-400 PSIG		AMETEK	1980	NO	RLS
PI	516H	3	FE-518H	0-60 PSIG		AMETEK	1980	NO	RLS
PI	531H	3	EX-8 OUT	0-30 PSIG		AMETEK	1980	NO	RLS
PI	533H	3	EX-5 INLET	0-60 PSIG		AMETEK	1980	NO	RLS
PI	534H	3	EX-6 OUT	0-400 PSIG		AMETEK	1980	NO	RLS
PI	592	4	LEAD BACK PRES	0-10 PSIG		AMETEK	1919	NO	RLS
PI	610N	5	CCN LN2 OUT	0-100 PSIG		AMETEK	1980	NO	RLS
PI	703A	8	AIR STORAGE	0-200 PSIG				NO	
PI	CCMH	5	CCN PRESSURE	30-0-30 PSIG				NO	EXIST
PI	CCMV	5	READ CCMV,CCMVL					NO	EXIST
PI	CD-HY	8	CCM COOLDOWN	0-5000 PSIG		ACCO		NO	EXIST
PI	ENGCYL	1	DE/WE CYLINDER					NO	TAO
PI	LND	3	LN2 STORAGE					NO	EXIST
PI	LPR	1	LOW PRESS RETURN	0-10 PSIG		AMETEK	1919	NO	RLS
PI	S2	4	S-2 WITH PROTECT	0-10 PSIG		AMETEK	1919	NO	RLS
PI	W-HY	8	CCN WARMUP	0-5000 PSIG		ACCO		NO	EXIST
PSH	003	6	CVM DEWAR					NO	

TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
PSL	702A	8	AIR COMP START		80/120 PSIG			NO	RCS
PSL	PAIR	8	AIR SUPPLY	12-100 PSIG	60 PSIG	SOR	6NNK3N4FIA	YES	RLS
PT	138H	1	DRY ENGINE CYL.					NO	EXIST
PT	139H	1	DRY ENGINE CYL.					NO	EXIST
PT	163H	2	WET ENG CYL					NO	EXIST
PT	164H	2	WET ENG CYL					NO	EXIST
PT	202V	1	REF. END BOX VAC.					NO	
PT	PCCM	5	CCM PRESSURE	0-25 PSIG		SETRA	205-2	YES	TAO
PT	PCVM	6	CVM DEWAR PRESSURE	0-25 PSIG		SETRA	205-2	YES	TAO
PT	PDEW	2	S-1 PRESS	0-100 PSIG		SETRA	205-2	YES	TAO
PT	PDEWLN	3	LN2 STORAGE	0-100 PSIG		SETRA	205-2	YES	TAO
PT	PLEAD	4	LEAD VENT TO COMP.	0-25 PSIG		SETRA	205-2	YES	TAO
PT	PX2HP	1	EX-2 OUTLET	0-500 PSIG	270 PSIG	SETRA	205-2	YES	TAO
PT	PX2LP	1	EX-2 OUTLET-RET	0-25 PSIG	1 PSIG	SETRA	205-2	YES	TAO
PT	PX3HP	1	EX-3 OUTLET	0-500 PSIG	270 PSIG	SETRA	205-2	YES	TAO
PT	PX4HP	1	EX-4 OUTLET	0-500 PSIG	265PSIG	SETRA	205-2	YES	TAO
PT	PX7HP	4	CVM COOLDOWN	0-25 PSIG		SETRA	205-2	YES	TAO
PT	PXHP	1	STRAINER OUTLET	0-500 PSIG		SETRA	205-2	YES	TAO
PT	PXLN	1	EX-2A, LN2	0-50 PSIG	2 PSIG	SETRA	205-2	YES	TAO
SI	037	6	PUMP SPEED	0-80 RPM	40/70 RPM			NO	CERN
SI	038	6	PUMP SPEED	0-80 RPM	40/70 RPM			NO	CERN
ST	035	6	PUMP SPEED					NO	CERN
ST	036	6	PUMP SPEED					NO	CERN
TE	CCM1	5	UPPER SHIELD					NO	EXIST
TE	CCM2	5	UPPER SHIELD					NO	EXIST
TE	CCM3	5	UPPER SHIELD					NO	EXIST
TE	CCM4	5	CHIMNEY SHIELD					NO	EXIST
TE	CCM5	5	LOWER SHIELD					NO	EXIST
TE	CCM6	5	EAST COLUMN SHLD					NO	EXIST
TE	CCM7	5	LOWER SHIELD					NO	EXIST
TE	CCM8	5	LOWER SHIELD					NO	EXIST
TE	CCM9	5	LN2 INLET					NO	EXIST
TE	R( )	4	U-TUBE SPARE				CARBON	NO	TAO
TE	RCCMCD	4	CCM COOLDOWN				PLATINUM	YES	TAO

TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
TE	RCCMIN	4	LHE TO CCM				CARBON	YES	TAO
TE	RCCMLN	5	CCM LN2 OUT			LAKESHORE	PLATINUM	YES	TAO
TE	RCCMOUT	4	GHE FROM CCM				CARBON	YES	TAO
TE	RCVM1	6	CVM1				CLTS	YES	CERN
TE	RCVM2	6	CVM2				CLTS	YES	CERN
TE	RCVM3	6	CVM3				CLTS	YES	CERN
TE	RCVM4	6	CVM4				CLTS	YES	CERN
TE	RCVM5	6	CVM5				CLTS	YES	CERN
TE	RCVMLN	4	LN2 FROM CVM			LAKESHORE	PLATINUM	YES	TAO
TE	RDEIN	1	DRY ENG IN				CARBON	YES	TAO
TE	RDEOUT	1	DRY ENG OUT				CARBON	YES	TAO
TE	RDEW	2	S-1 VENT				CARBON	YES	TAO
TE	RDEWCD	2	S-1 COOLDOWN				CARBON	YES	TAO
TE	RDEWIN	2	S-1 INLET				CARBON	YES	TAO
TE	RDEWOUT	2	S-1 OUT				CARBON	YES	TAO
TE	RDEWS	2	S-1 SHIELD			LAKESHORE	PLATINUM	YES	TAO
TE	RP1LN	4	P-1/P-2 OUT			LAKESHORE	PLATINUM	YES	TAO
TE	RVBIN	2	VALVE BOX IN				CARBON	YES	TAO
TE	RVBOUT	2	VALVE BOX OUT				CARBON	YES	TAO
TE	RWEIN	2	WET ENG IN				CARBON	YES	TAO
TE	RWEOUT	2	WET ENG OUT				CARBON	YES	TAO
TE	RX1OUT	1	EX-2 LP OUT	100 OHM	275 K	LAKESHORE	PLATINUM	YES	EXIST
TE	RX2OUT	1	EX-2 LP OUT	100 OHM	275 K	LAKESHORE	PLATINUM	YES	EXIST
TE	RX5HP	3	EX-5 OUT			LAKESHORE	PLATINUM	YES	TAO
TE	RX5HPIN	3	EX-5 INLET			LAKESHORE	PLATINUM	YES	TAO
TE	RX5LP	3	EX-5 OUTLET			LAKESHORE	PLATINUM	YES	TAO
TE	RX5LPIN	3	EX-5 INLET			LAKESHORE	PLATINUM	YES	TAO
TE	RX6HP	3	EX-6 OUTLET			LAKESHORE	PLATINUM	YES	TAO
TE	RX7HPIN	4	EX-7 HP IN				CARBON	YES	TAO
TE	RX7HPOUT	4	EX-7 HP OUT				CARBON	YES	TAO
TE	RX7LPIN	4	EX-7 LP IN				CARBON	YES	TAO
TE	RX7LPOUT	4	EX-7 LP OUT				CARBON	YES	TAO
TE	RX8OUT	3	EX-8 OUT			LAKESHORE	PLATINUM	YES	TAO
TE	RXLN	1	EX-1 N2 OUT	100 OHM	260 K	LAKESHORE	PLATINUM	YES	TAO

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TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
TE	RXLP	1	EX-1 LP	100 OHM	275 K	LAKESHORE	PLATINUM	YES	EXIST
TI	132H	1	DRY ENG IN (NE VPT)	30-0-100 PSI		AMETEK	1980	NO	EXIST
TI	162H	2	WET ENG IN(HE VPT)	30-0-100 PSI		AMETEK	1980	NO	EXIST
TI	241H	1	DRY ENG EXHAUST	30-0-100 PSI		AMETEK	1980	NO	EXIST
TI	261H	2	WET ENG OUT(HE VPT)	30-0-100 PSI		AMETEK	1980	NO	EXIST
TT	TX1HP	1	EX-1 HP (N2 VPT)	0-100 PSIG	81 K	SETRA	205-2	YES	EXIST
TT	TX2HP	1	EX-2 (N2 VPT)	0-100 PSIG	81 K	SETRA	205-2	YES	EXIST
TT	TX2LP	1	EX-2 (N2 VPT)	0-100 PSIG	80 K	SETRA	205-2	YES	EXIST
TT	TX2LP2	1	EX-2 (N2 VPT)	0-100 PSIG	80 K	SETRA	205-2	NO	EXIST
TT	TX2SHL	1	SHELL (AR VPT)	0-100 PSIG		SETRA	205-2	NO	EXIST
TT	TX3HP	1	EX 3 (NE VPT)	0-100 PSIG	35 K	SETRA	205-2	YES	EXIST
TT	TX3LP	1	EX-3 (H2 VPT)	0-100 PSIG	30 K	SETRA	205-2	YES	EXIST
TT	TX3LP2	1	EX-3 (H2 VPT)	0-100 PSIG	30 K	SETRA	205-2	NO	EXIST
TT	TX4HP	1	EX-4 (HE VPT)	0-100 PSIG		SETRA	205-2	YES	EXIST
TT	TX4LP	1	EX-4 (HE VPT)	0-100 PSIG	5 K	SETRA	205-2	YES	EXIST
TT	TXDELP	1	DRY ENG EX (H2 VPT)	0-100 PSIG	17 K	SETRA	205-2	YES	TAO
XR	RECORD	3	RECORDER	0-5 VOLT		L&N	SPEEDMAX100	NO	RLS
ZE	L1	8	SUPPORT POSITION					NO	EXIST
ZE	L10	8	SUPPORT POSITION					NO	EXIST
ZE	L11	8	SUPPORT POSITION					NO	EXIST
ZE	L12	8	SUPPORT POSITION					NO	EXIST
ZE	L2	8	SUPPORT POSITION					NO	EXIST
ZE	L3	8	SUPPORT POSITION					NO	EXIST
ZE	L4	8	SUPPORT POSITION					NO	EXIST
ZE	L5	8	SUPPORT POSITION					NO	EXIST
ZE	L6	8	SUPPORT POSITION					NO	EXIST
ZE	L7	8	SUPPORT POSITION					NO	EXIST
ZE	L8	8	SUPPORT POSITION					NO	EXIST
ZE	L9	8	SUPPORT POSITION					NO	EXIST
ZE	LC1	8	COIL POSITION					NO	EXIST
ZE	LC10	8	COIL POSITION					NO	EXIST
ZE	LC4	8	COIL POSITION					NO	EXIST
ZE	LC7	8	COIL POSITION					NO	EXIST
ZE	U1	8	SUPPORT POSITION					NO	EXIST

TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
ZE	U10	8	SUPPORT POSITION					NO	EXIST
ZE	U11	8	SUPPORT POSITION					NO	EXIST
ZE	U12	8	SUPPORT POSITION					NO	EXIST
ZE	U2	8	SUPPORT POSITION					NO	EXIST
ZE	U3	8	SUPPORT POSITION					NO	EXIST
ZE	U4	8	SUPPORT POSITION					NO	EXIST
ZE	U5	8	SUPPORT POSITION					NO	EXIST
ZE	U6	8	SUPPORT POSITION					NO	EXIST
ZE	U7	8	SUPPORT POSITION					NO	EXIST
ZE	U8	8	SUPPORT POSITION					NO	EXIST
ZE	U9	8	SUPPORT POSITION					NO	EXIST
ZE	UC1	8	COIL POSITION					NO	EXIST
ZE	UC10	8	COIL POSITION					NO	EXIST
ZE	UC4	8	COIL POSITION					NO	EXIST
ZE	UC7	8	COIL POSITION					NO	EXIST
ZI	L1	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L10	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L11	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L12	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L2	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L3	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L4	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L5	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L6	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L7	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L8	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	L9	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	SUP	8	SUPPORT OR COIL					NO	EXIST
ZI	U1	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U10	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U11	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U12	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U2	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U3	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST

TYPE	TAG	P&I	SERVICE	RANGE	SET PT.	MFR	MODEL	COMP	SUPPLY
ZI	U4	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U5	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U6	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U7	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U8	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZI	U9	8	SUPPORT POSITION	0-1 INCH		STARRETT		NO	EXIST
ZSO	PVS2	4	S-2 FILL VALVE					NO	RLS