

Steamer Views

This document contains the control panels and the views into the 1200 psi steam plant.

For more details see:

Hollan JD, Hutchins E L & L Weitzman. STEAMER: An interactive inspectable simulation-based training system. AI Magazine, 5:15-27, 1984.

Images digitized 12/20/2008. I was a programmer on the Steamer project, and amongst a number of things, I wrote the postscript driver that produced the hardcopy versions of these views.

Mark Rosenstein

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Graphics Editor

</

Lisp

Graphics Editor (NORMAL)
Marked icons deleted.

F00 *

mpd

UCSD

Steamer

Acknowledgement

Probe	Reset	Space	Rate	Screen	Save
Tick	Run	View	Status	Malops	Restore
Initialize	Stop	Touch	Help	Casualties	Minilabs

Commands

Status

SHUT	I	OPEN
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Speed (kts)

RPM

Drum Pressure

Condenser (Hg)

Boilers

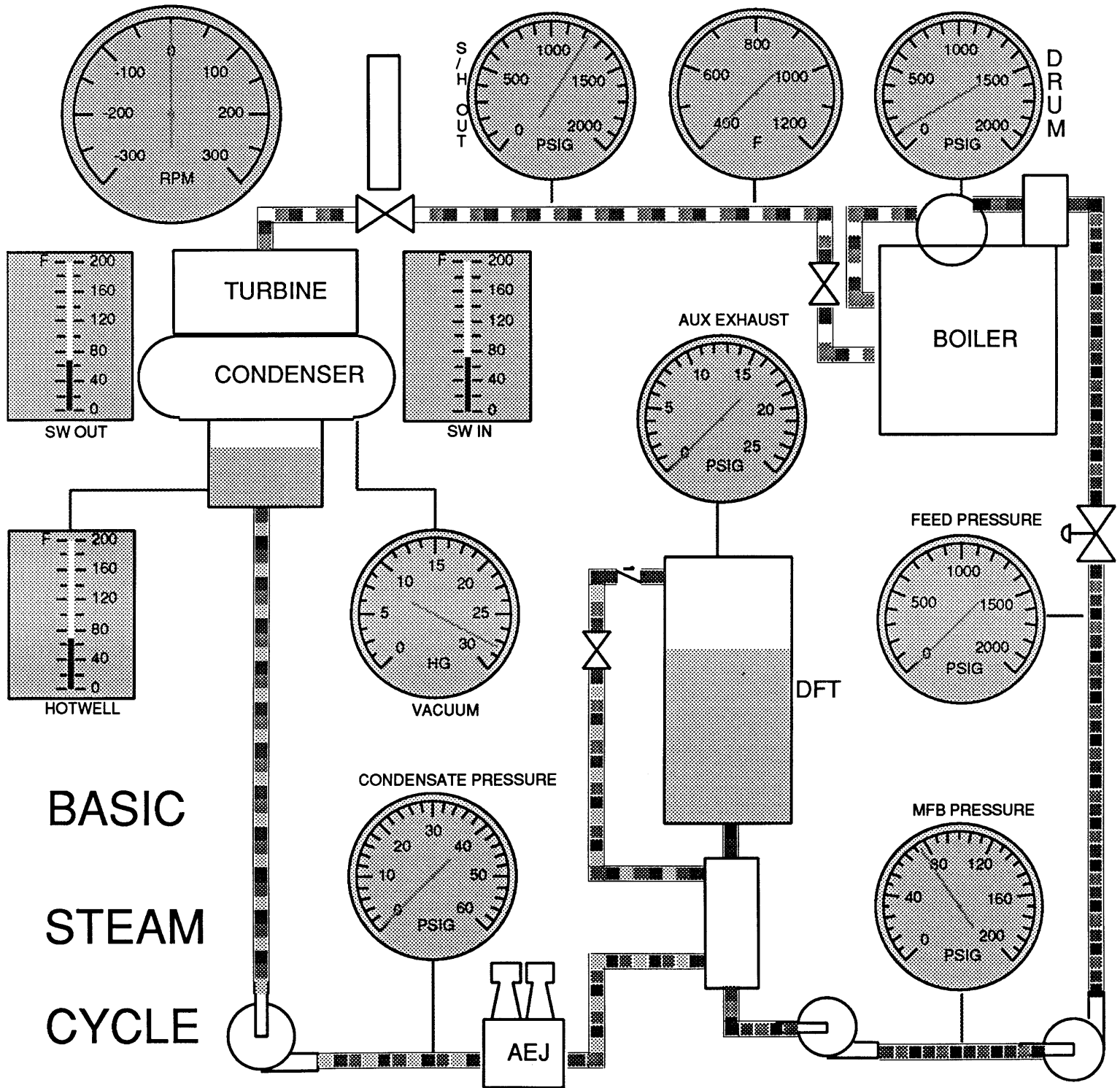
Lisp Interaction Window

ipdt

UCSD

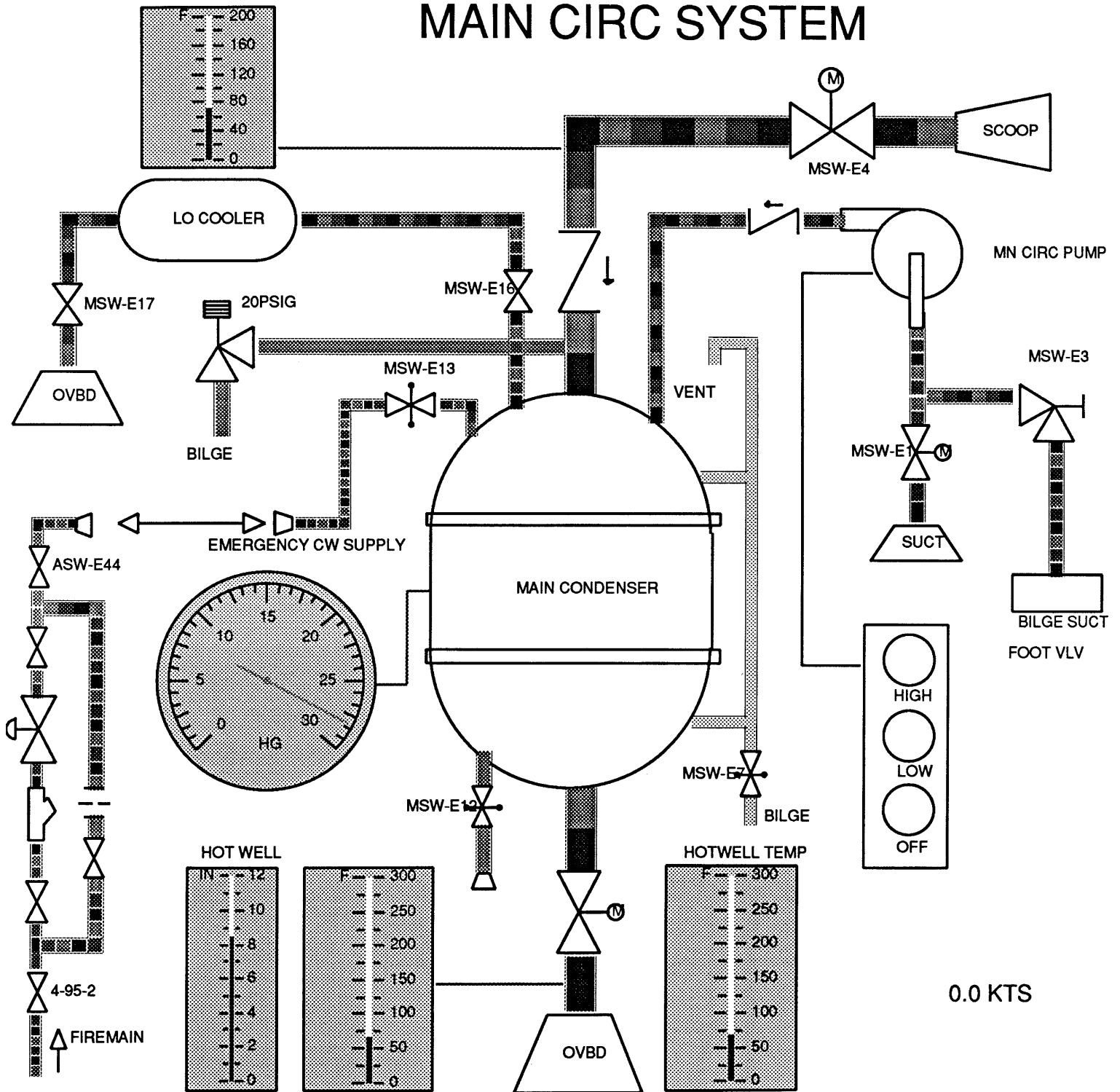
Icon Editor

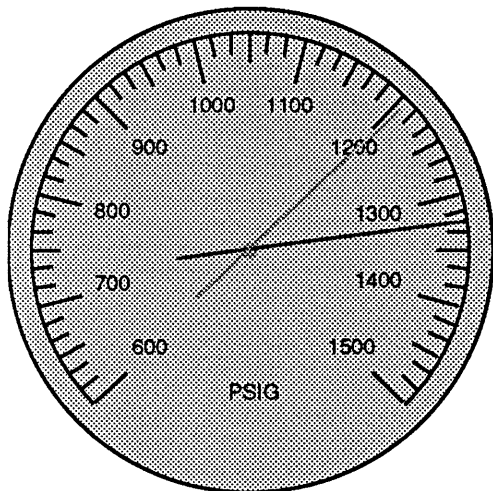
Create Find Kill Save List Name Describe Inspect Initialize Draw Interact Hardcopy		Top of Existing Icons List	
Composite Icon Draw Show Size Points Diagonal T Square			
Grid			
Color Label Tap Misc Rotate Reflect			
Menus		Bottom of Existing Icons List	
Lisp Graphics Editor (NORMAL) F00		Mark Delete Undelete Move Copy Shape Name Color Misc	Top of Constituents List
		Constituents	Bottom of Constituents List
		Add Rotate Reflect	Top of Instance Variables List
		Variables	Bottom of Instance Variables List No Current Method
Method List Mark Transform Send			
Methods			



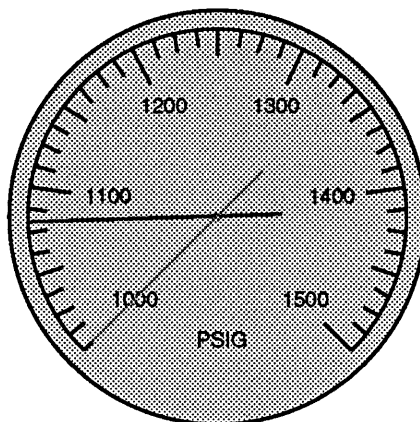
BASIC
STEAM
CYCLE

MAIN CIRC SYSTEM

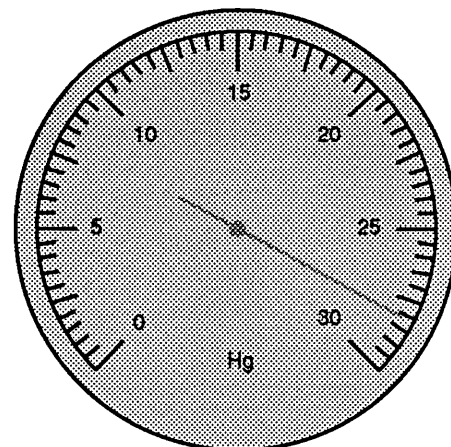




S/H OUTLET

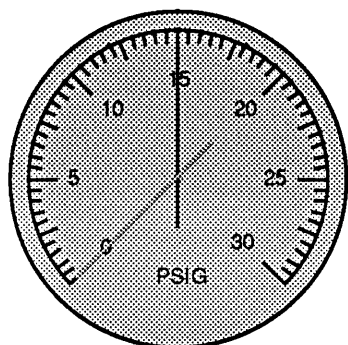


DRUM PRESS



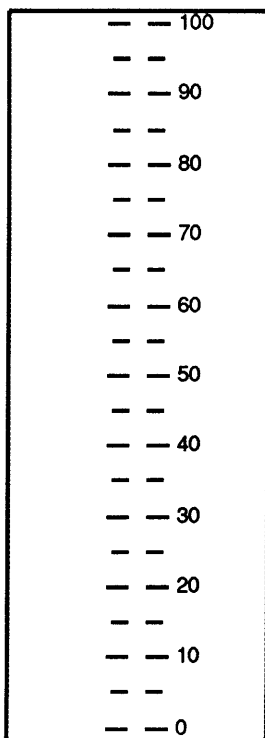
MN COND VACUUM

0 RPM

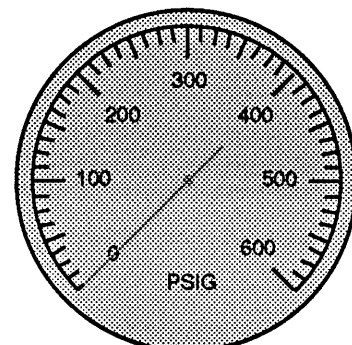
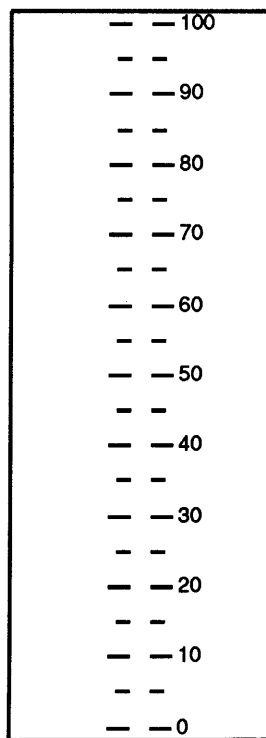


MN LO PRESS

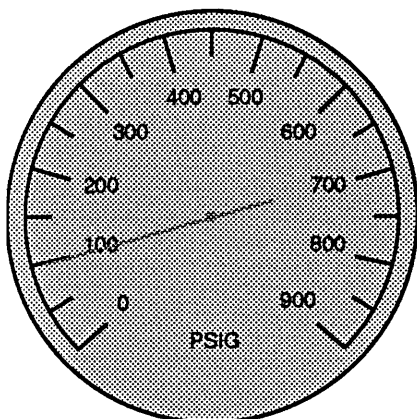
AHEAD



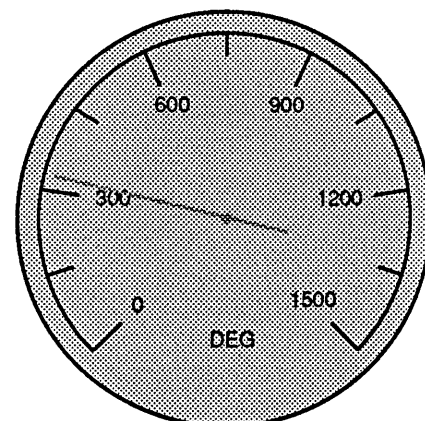
ASTERN



ASTERN PRESS

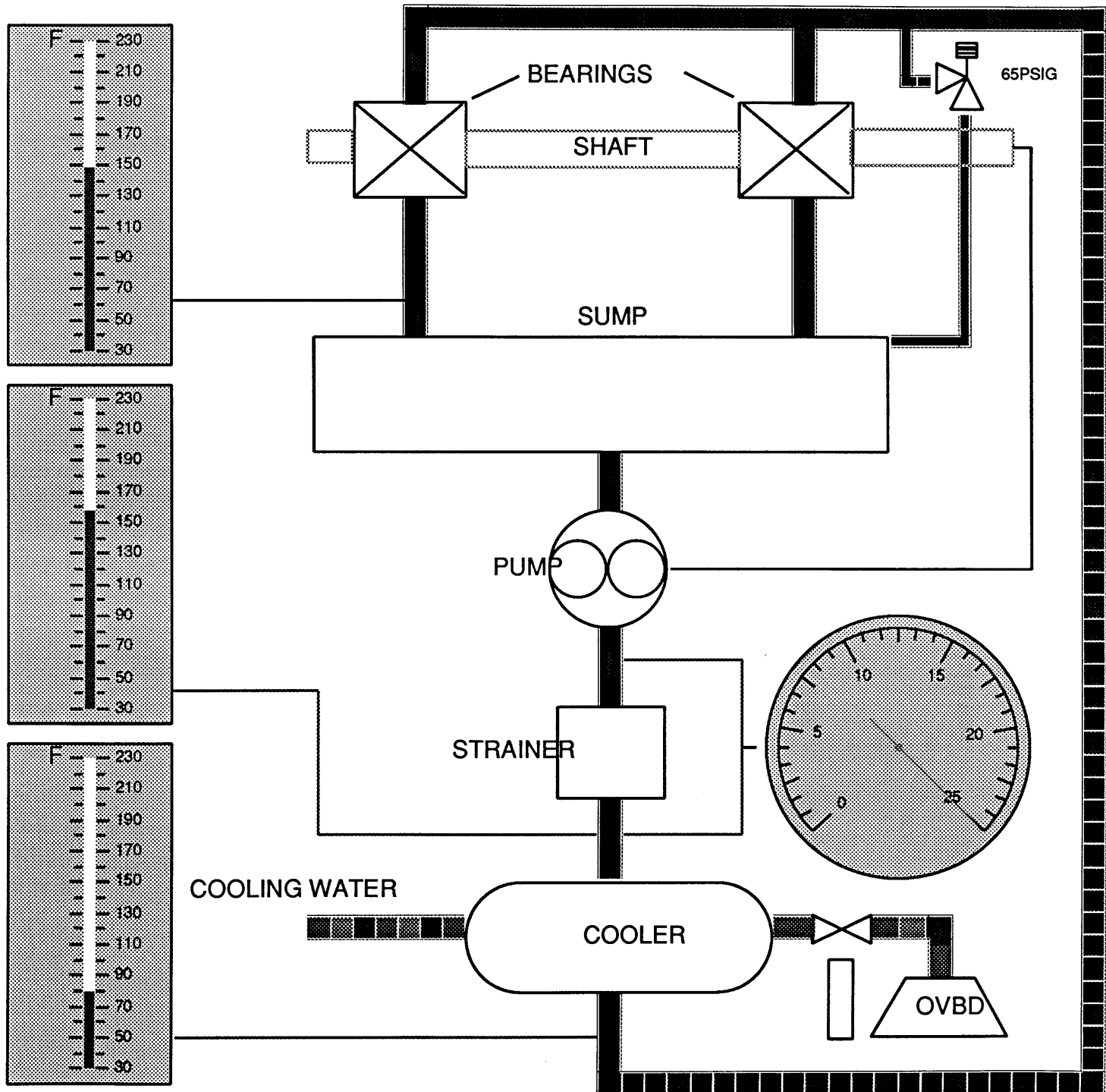


HP 1ST STAGE

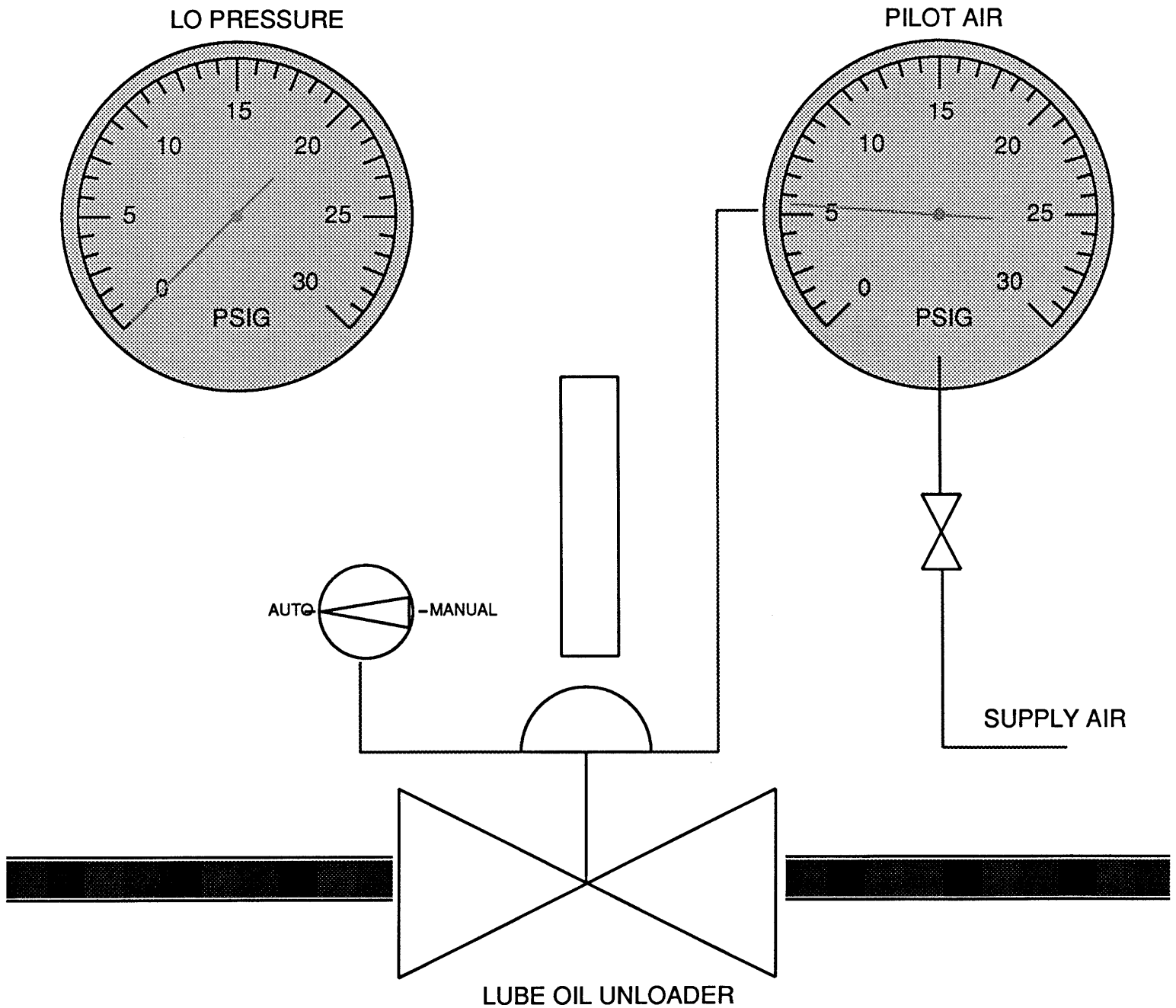


EXH. TRUNK TEMP

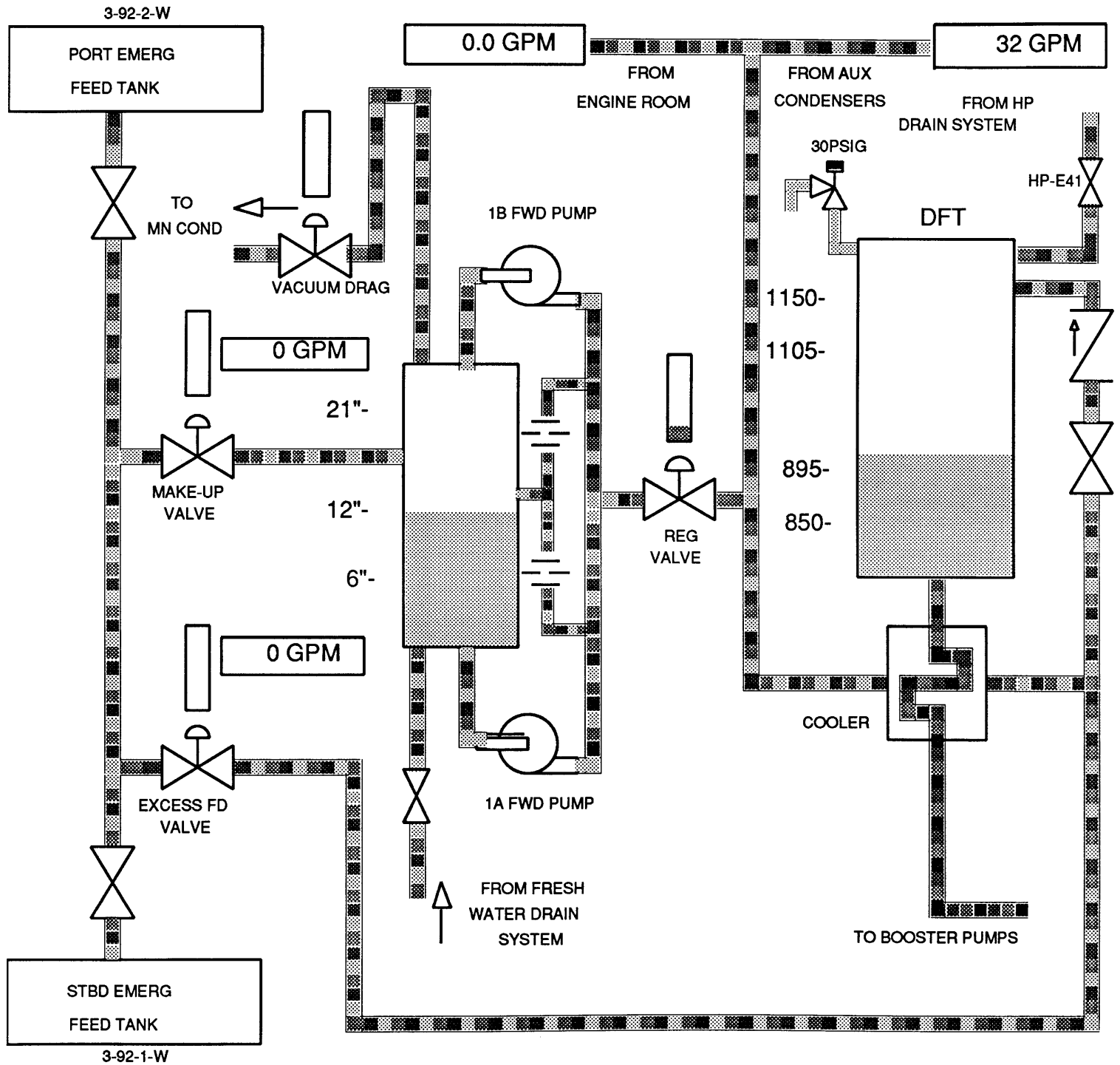
TYPICAL LUBE OIL SYSTEM

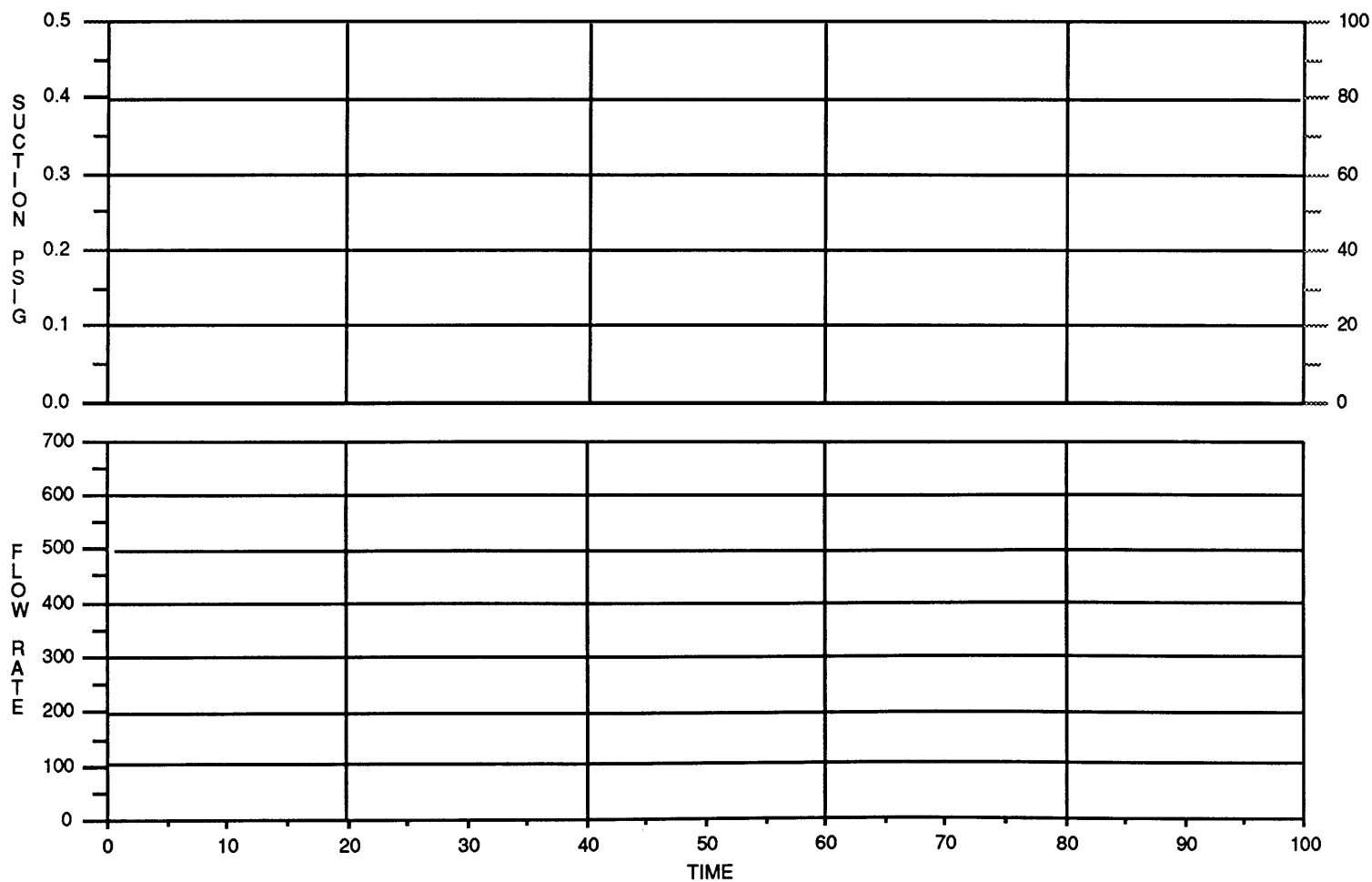
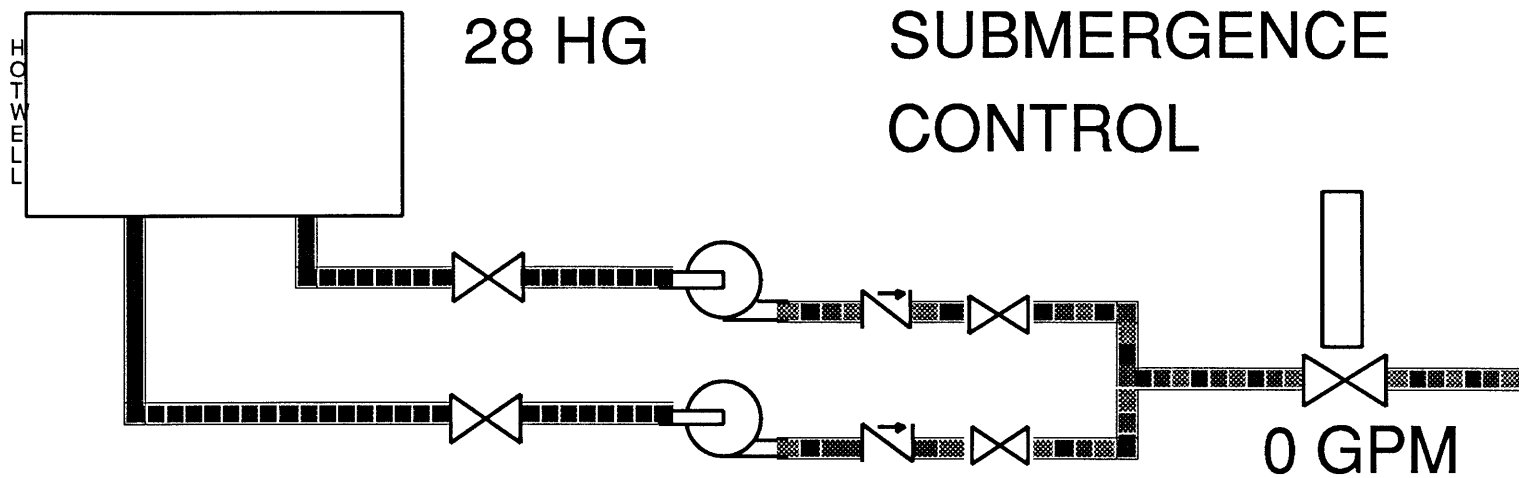


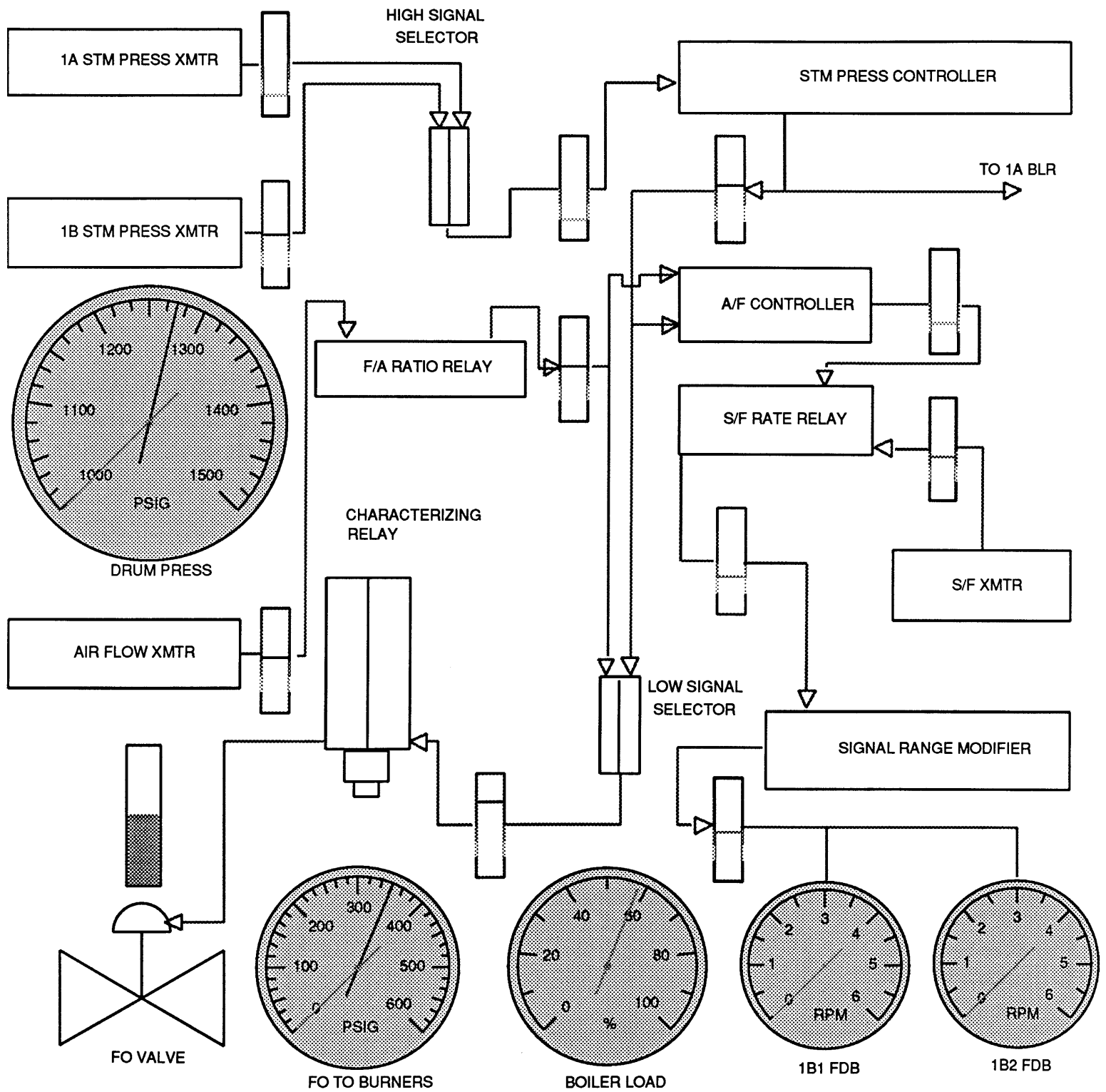
LUBE OIL UNLOADER

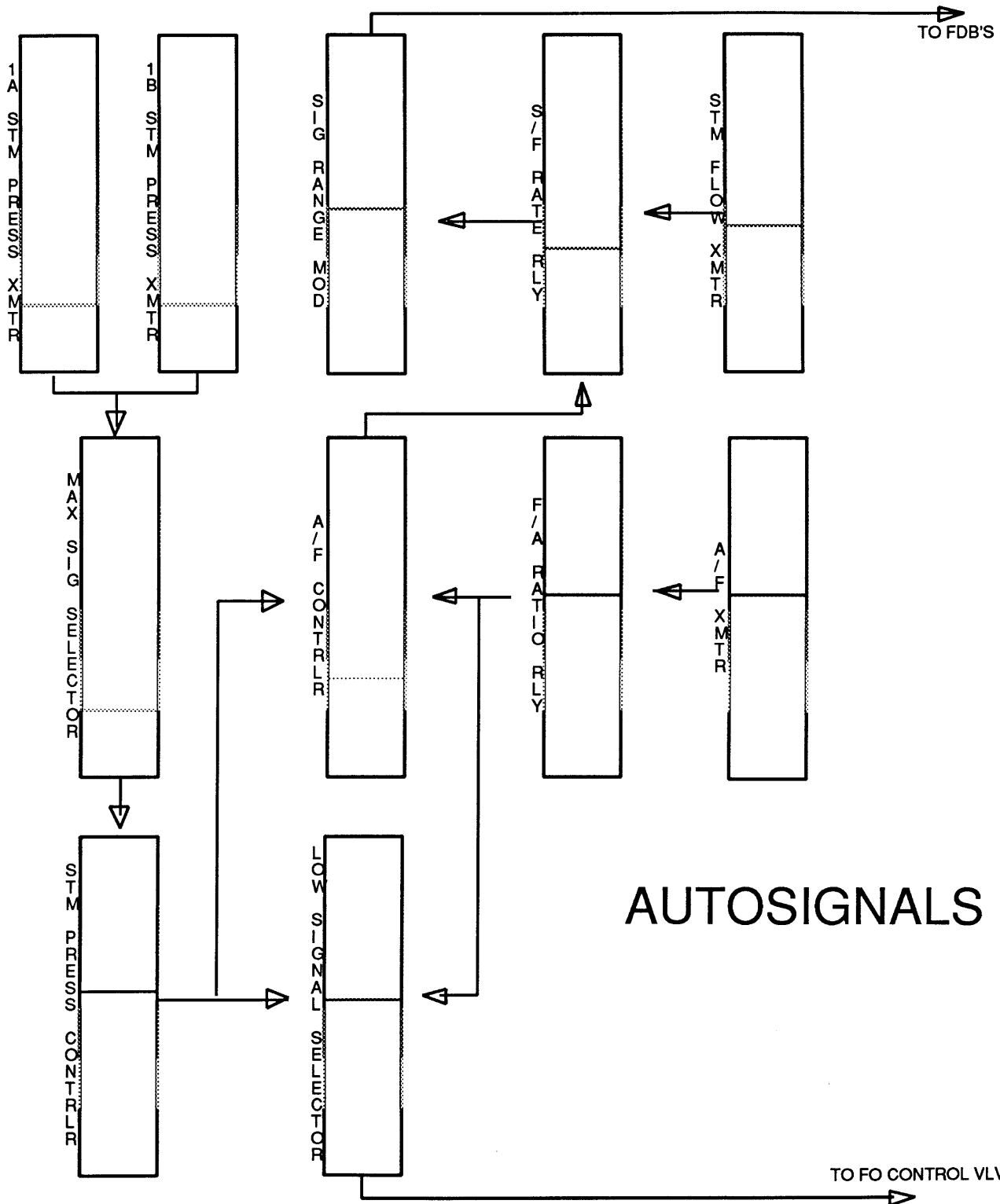


MAKE-UP & EXCESS FEED

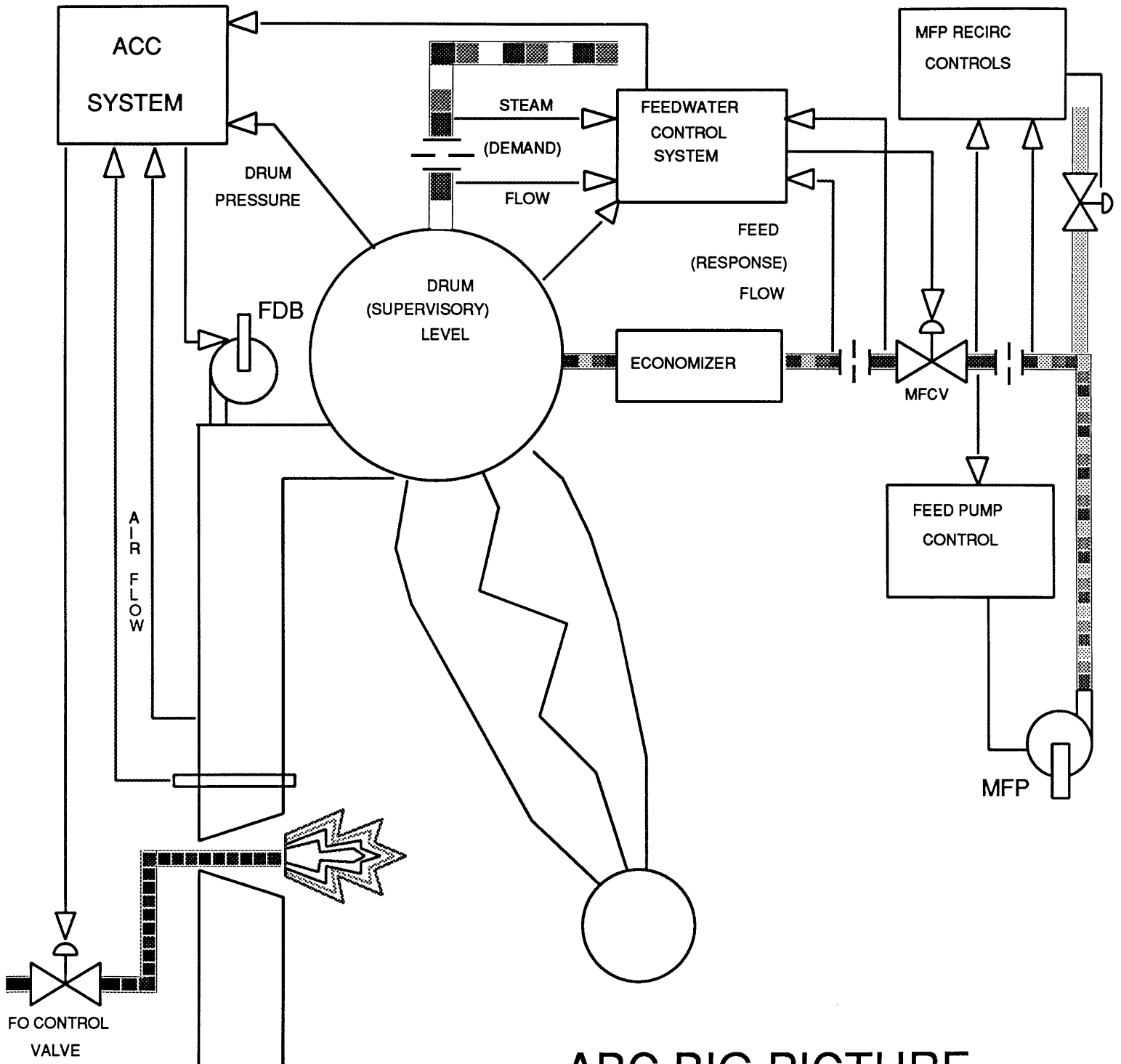




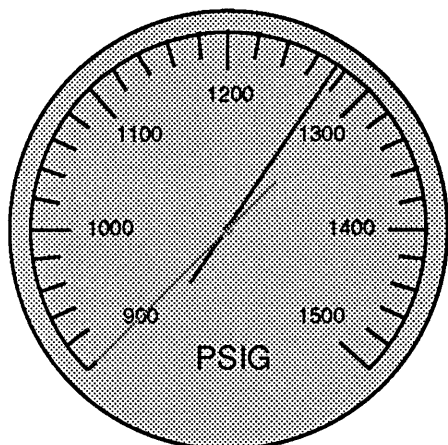




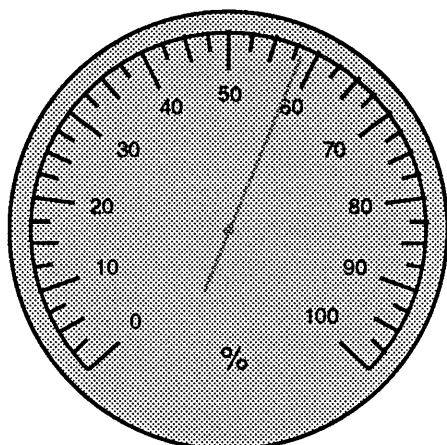
AUTOSIGNALS 1B



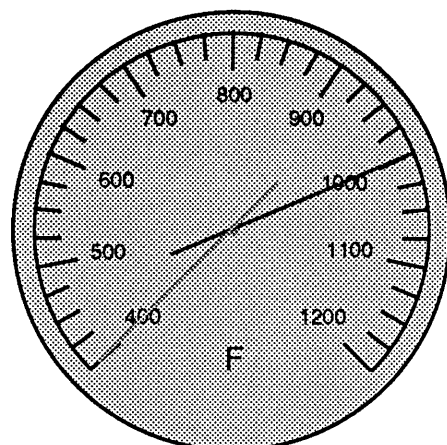
ABC BIG PICTURE



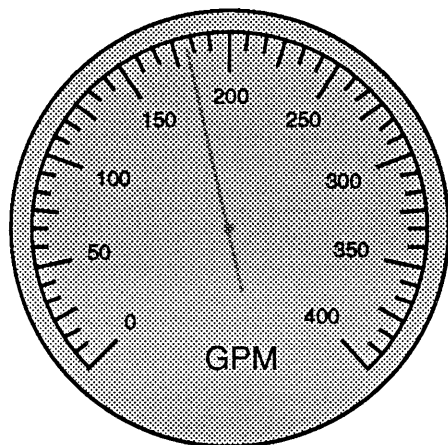
1B DRUM PRESS



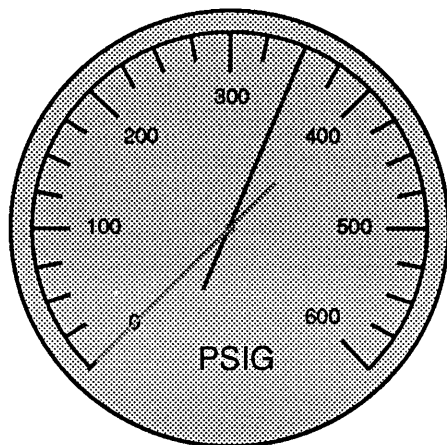
1B BOILER LOAD



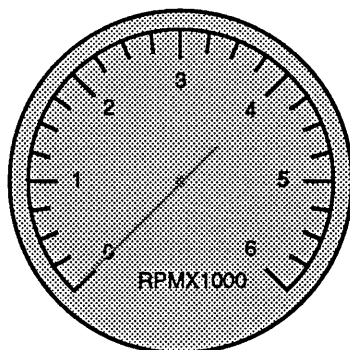
1B S/H OUTLET TEMP



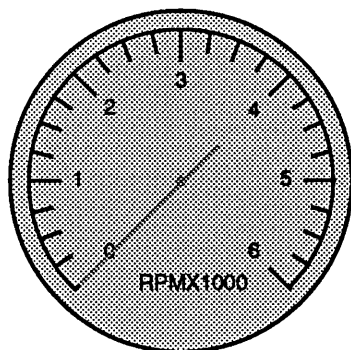
MN FD FLOW



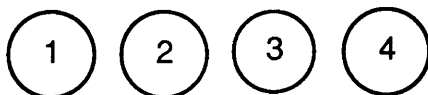
FO TO BURNERS



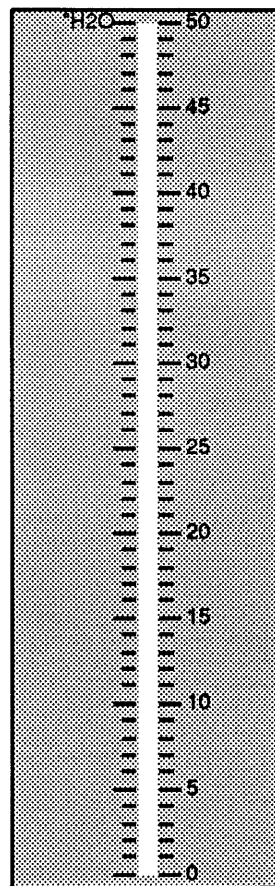
1B1 FDB RPM



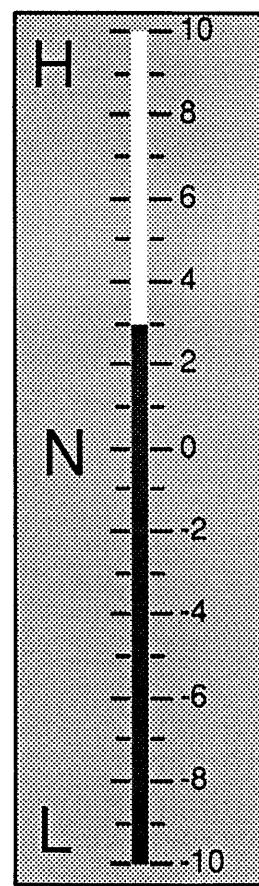
1B2 FDB RPM



BURNER INDICATOR LIGHTS

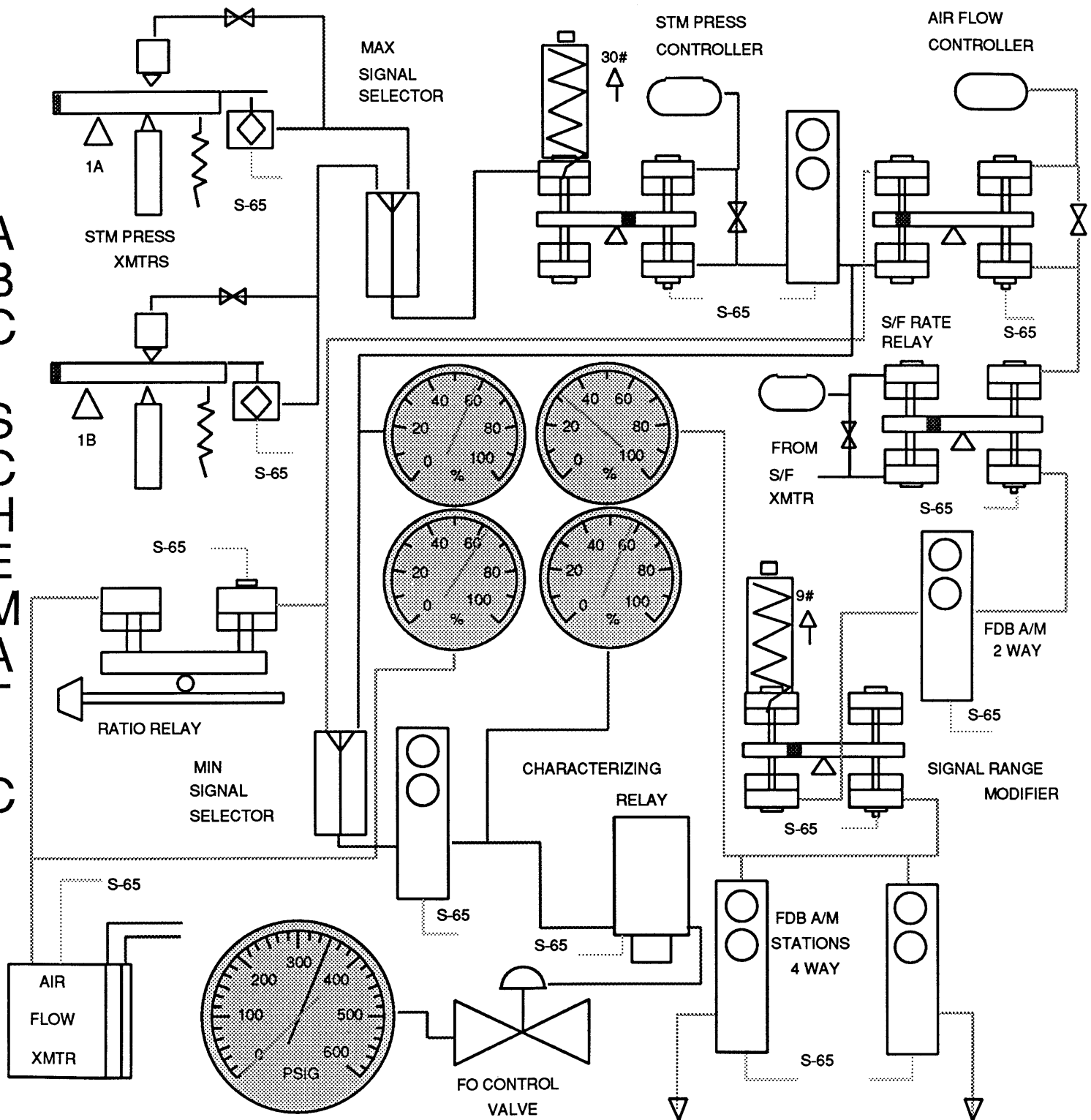


AIR CASING PRESS

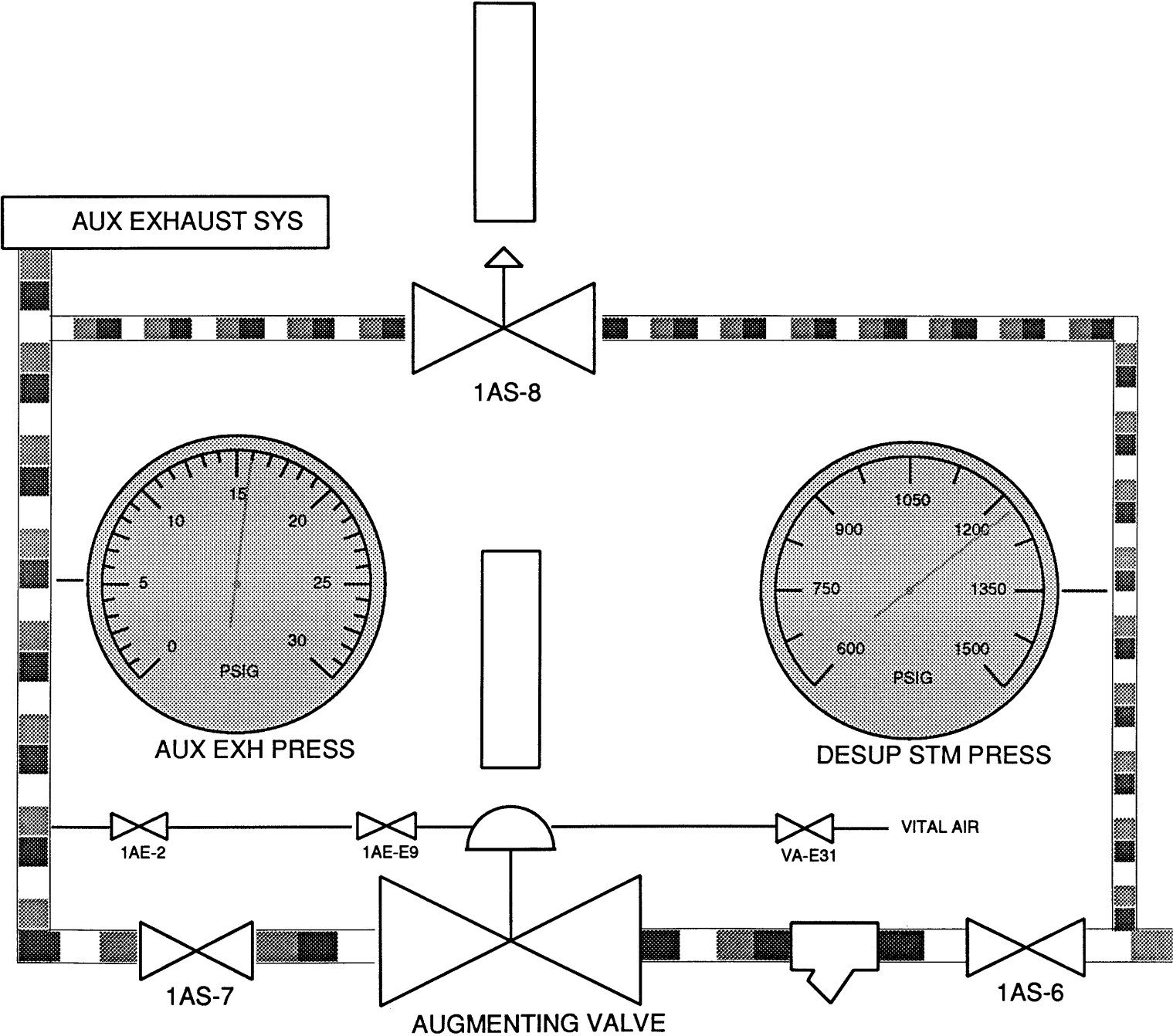


DRUM LEVEL

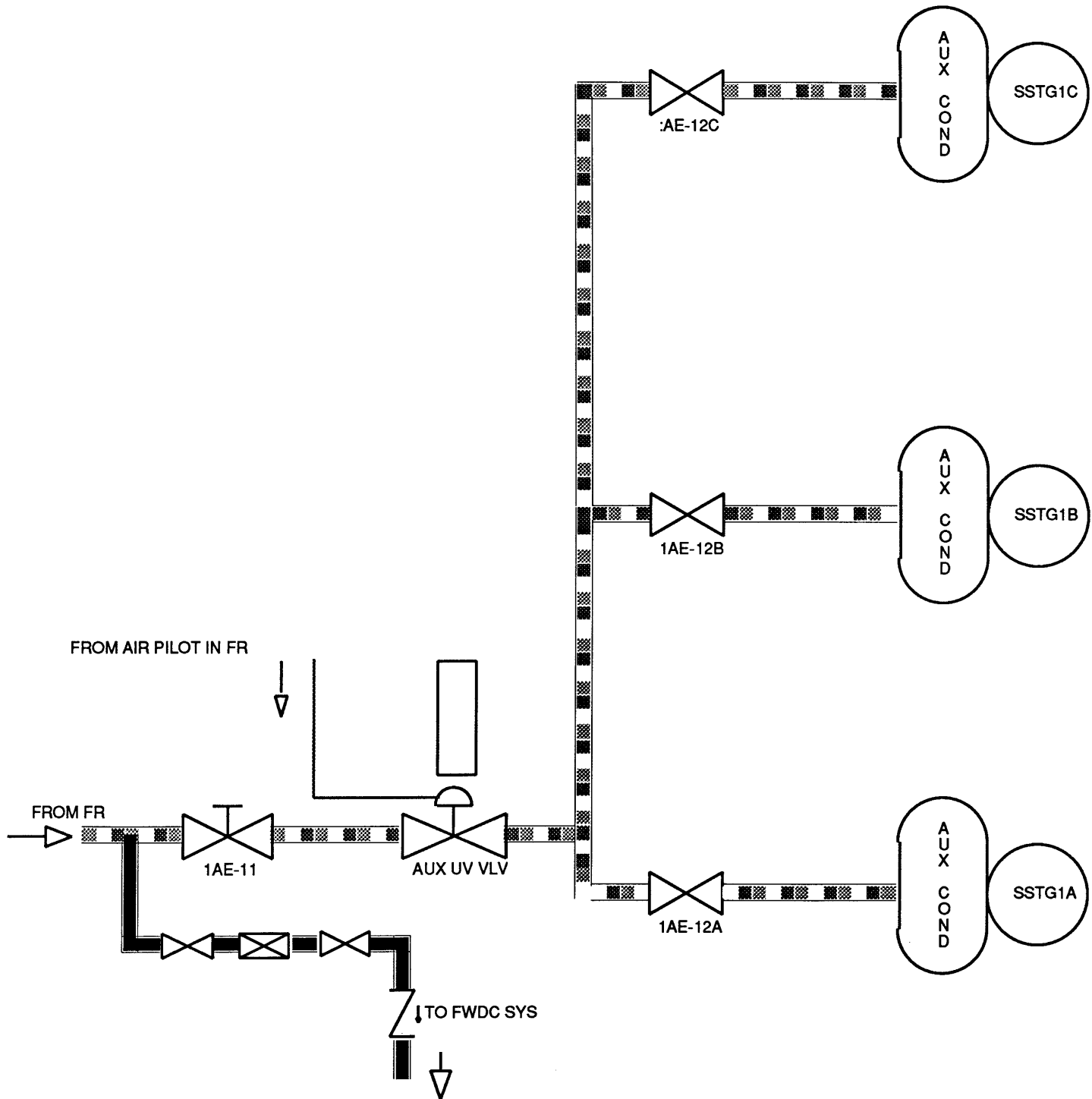
ABC SCHEMATIC



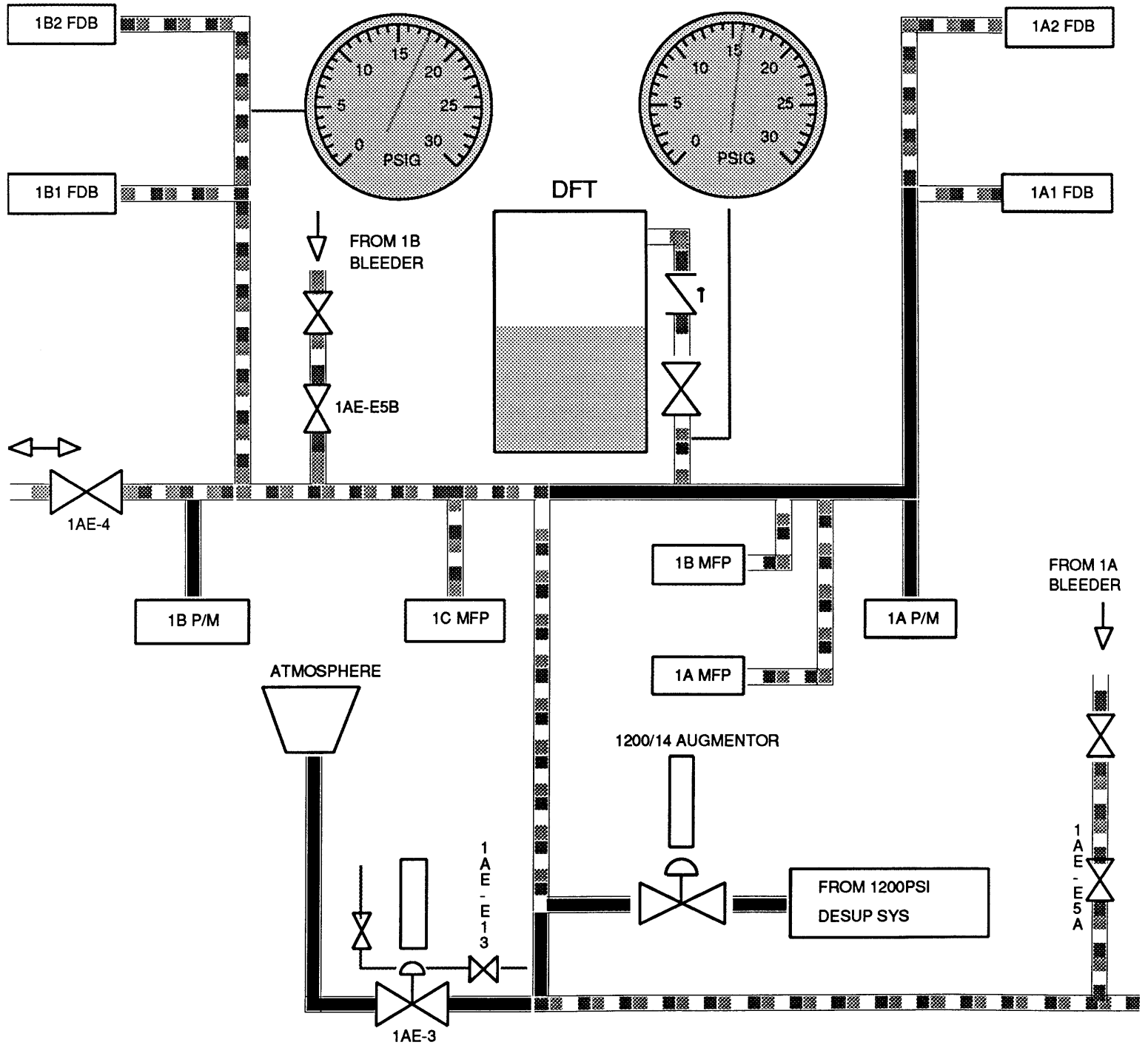
AUX EXH AUGMENTOR



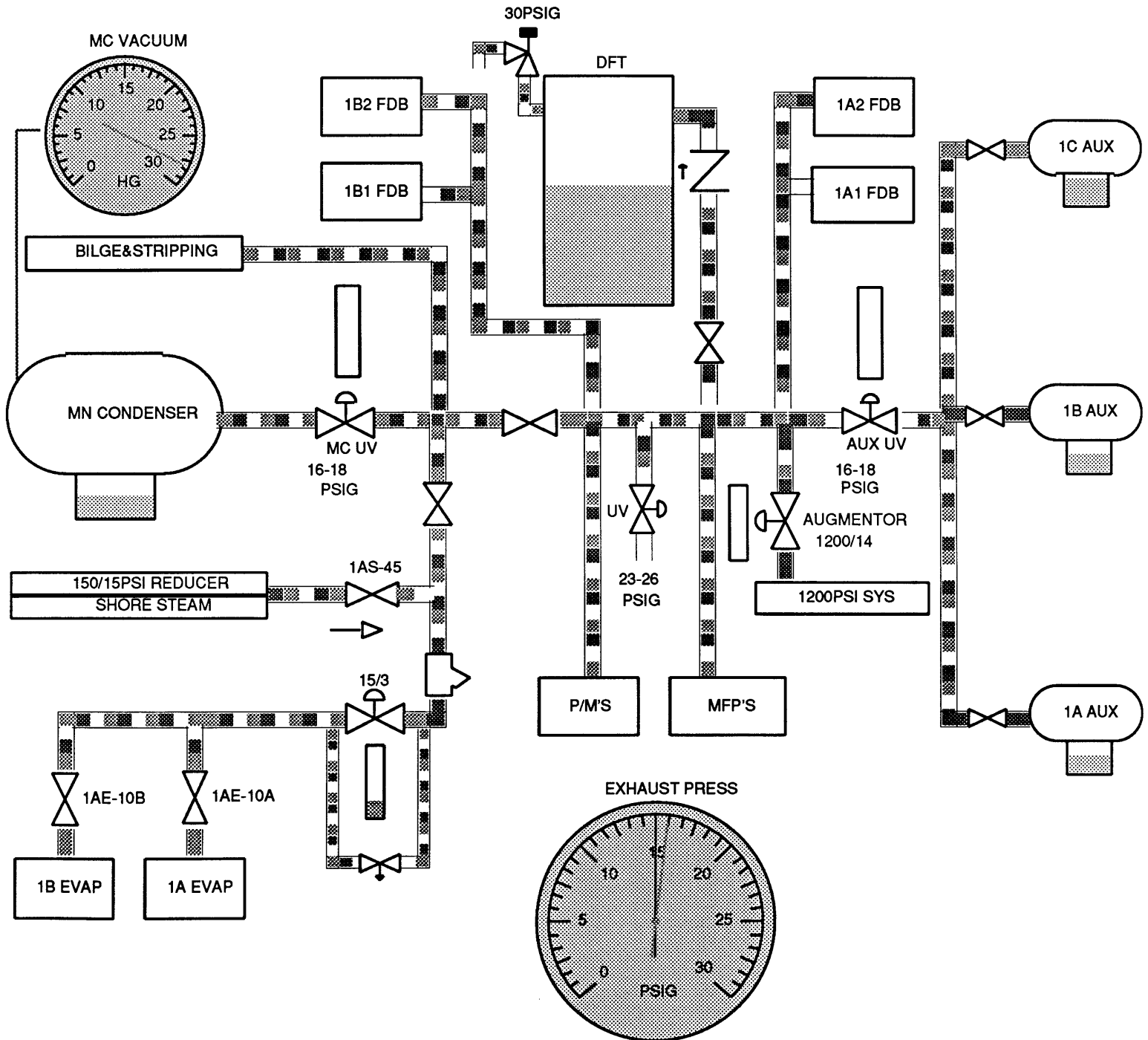
AUXILLIARY EXHAUST 1AMR



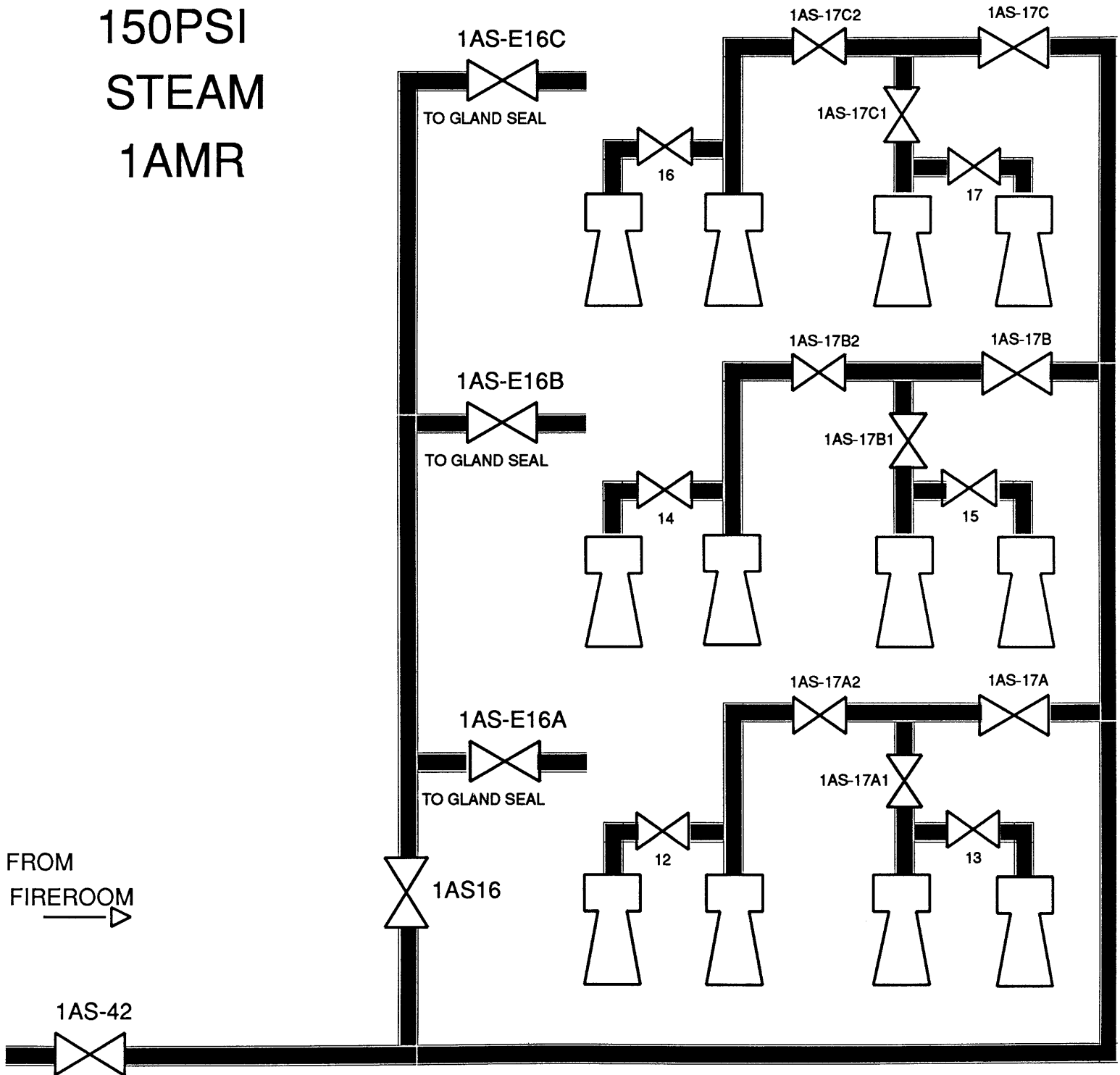
AUXILIARY EXHAUST FIREROOM



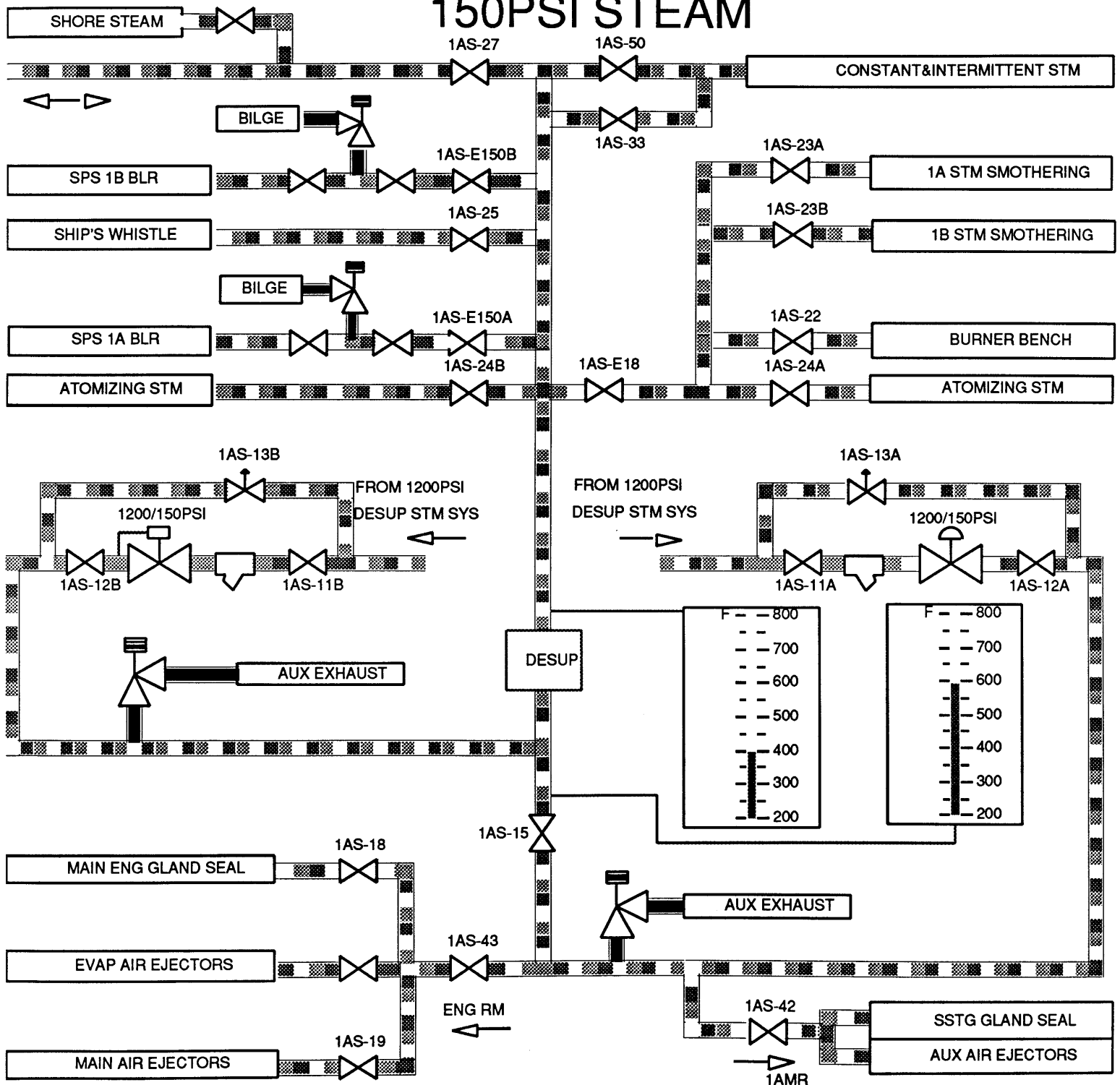
AUXILIARY EXHAUST



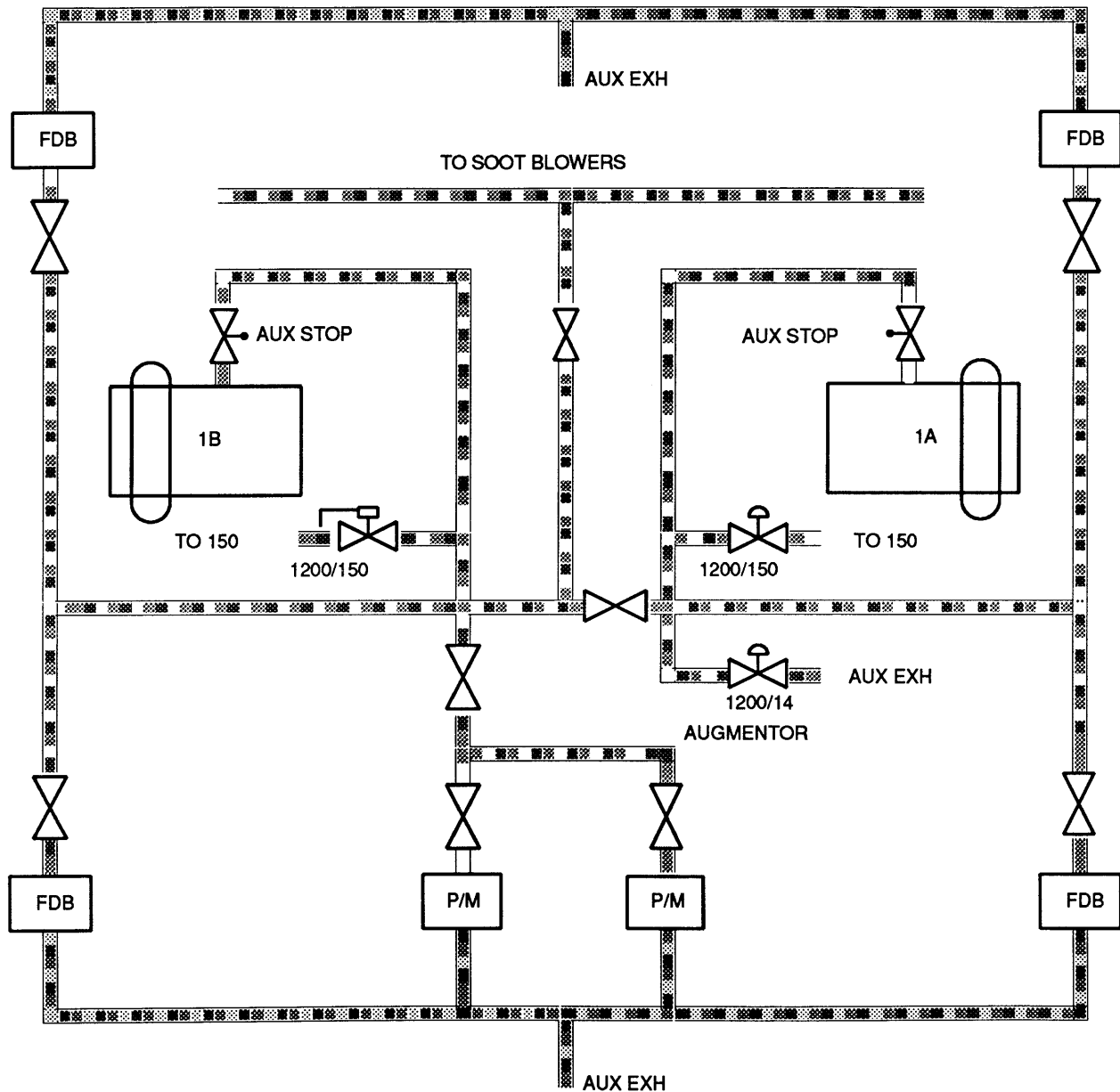
150PSI
STEAM
1AMR



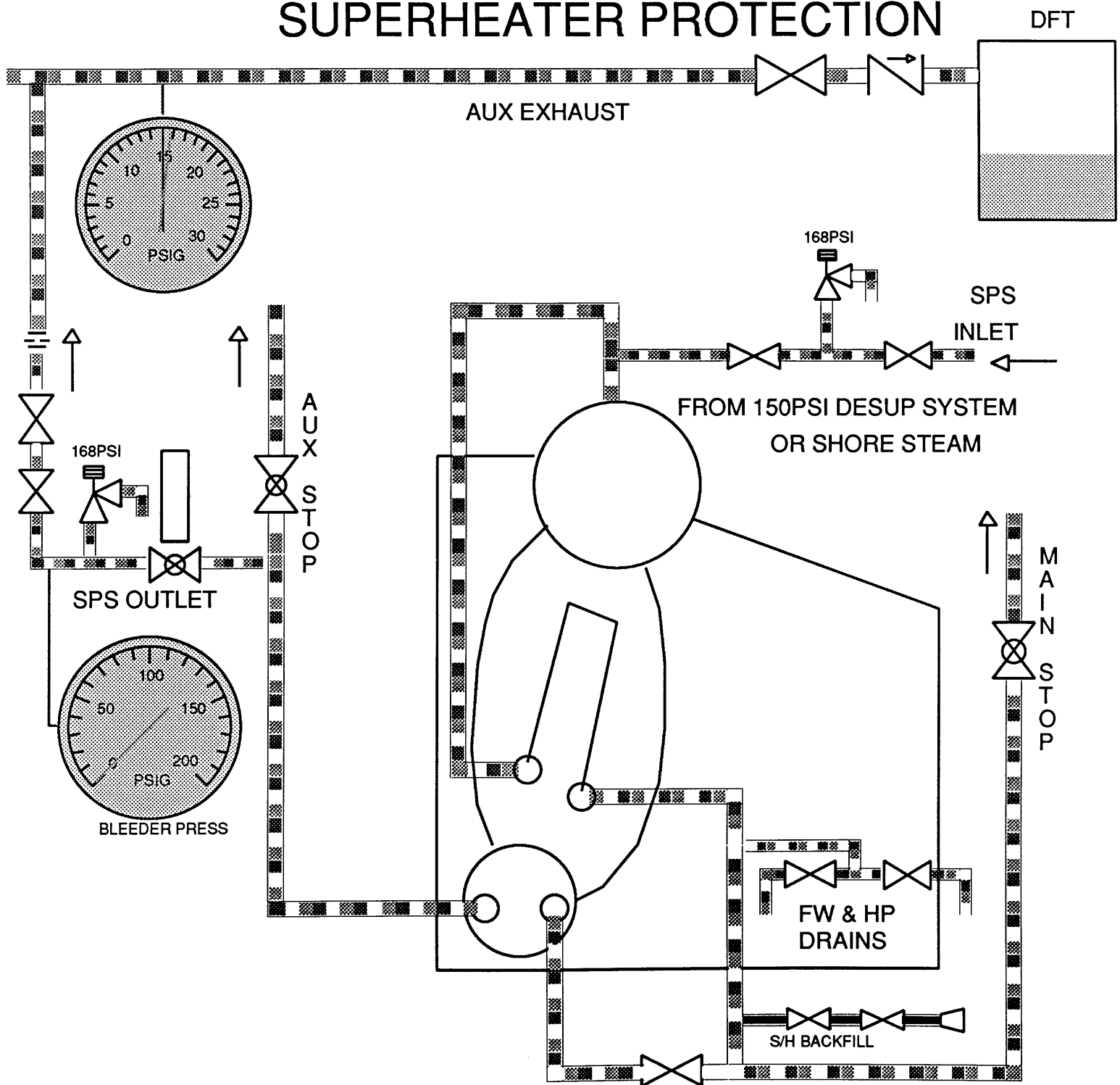
150PSI STEAM

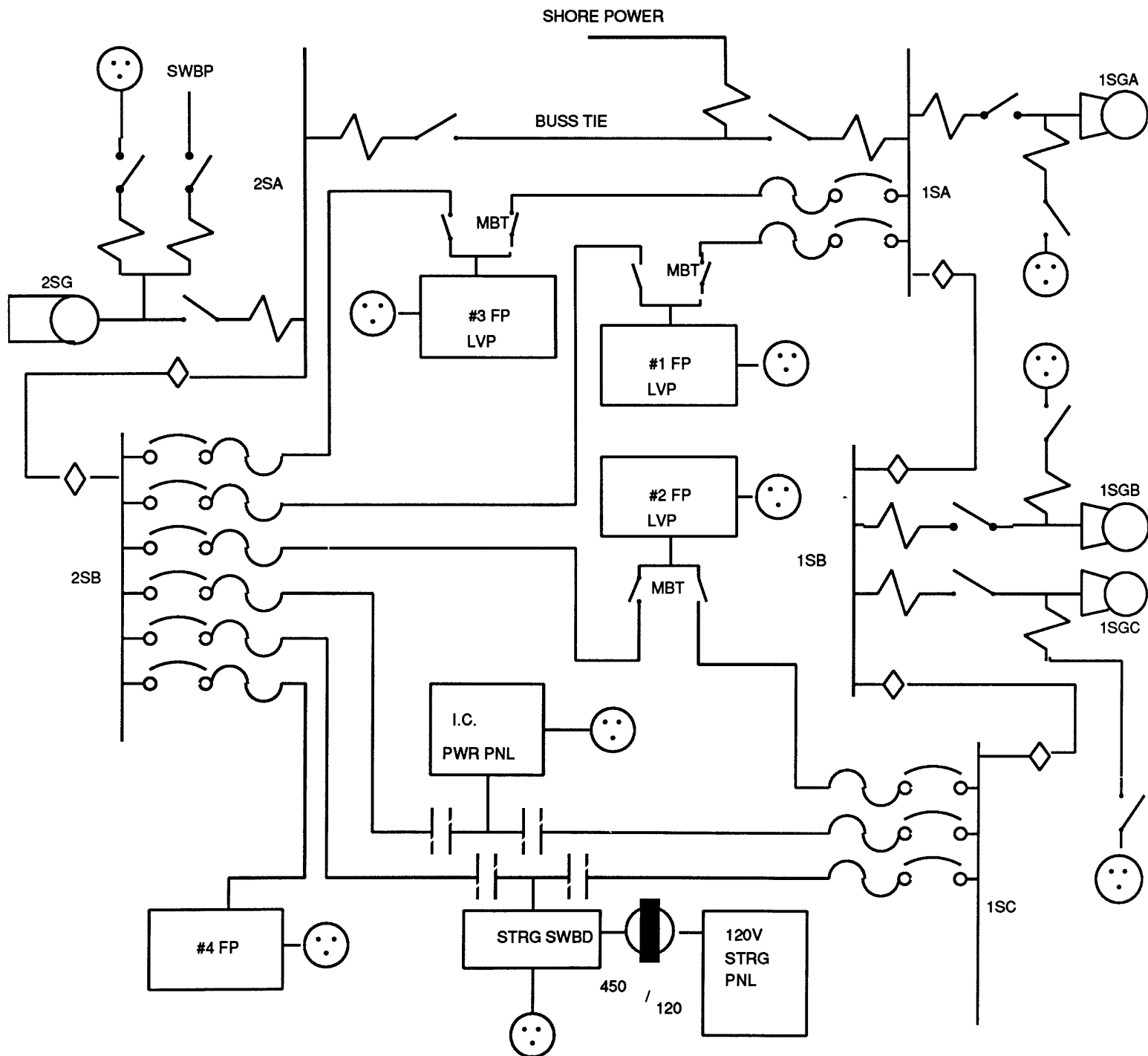


1200 PSIG AUXILIARY

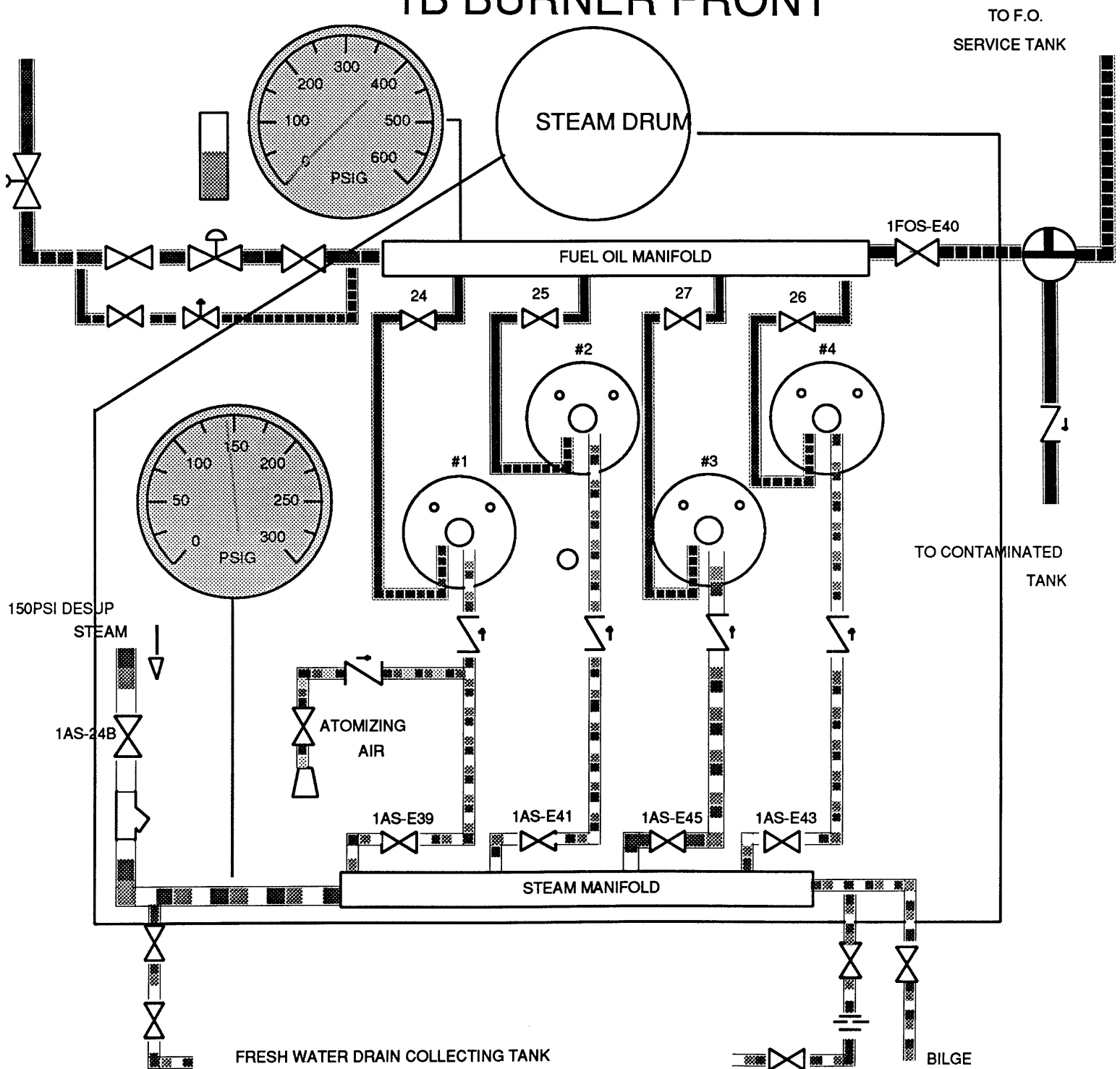


SUPERHEATER PROTECTION

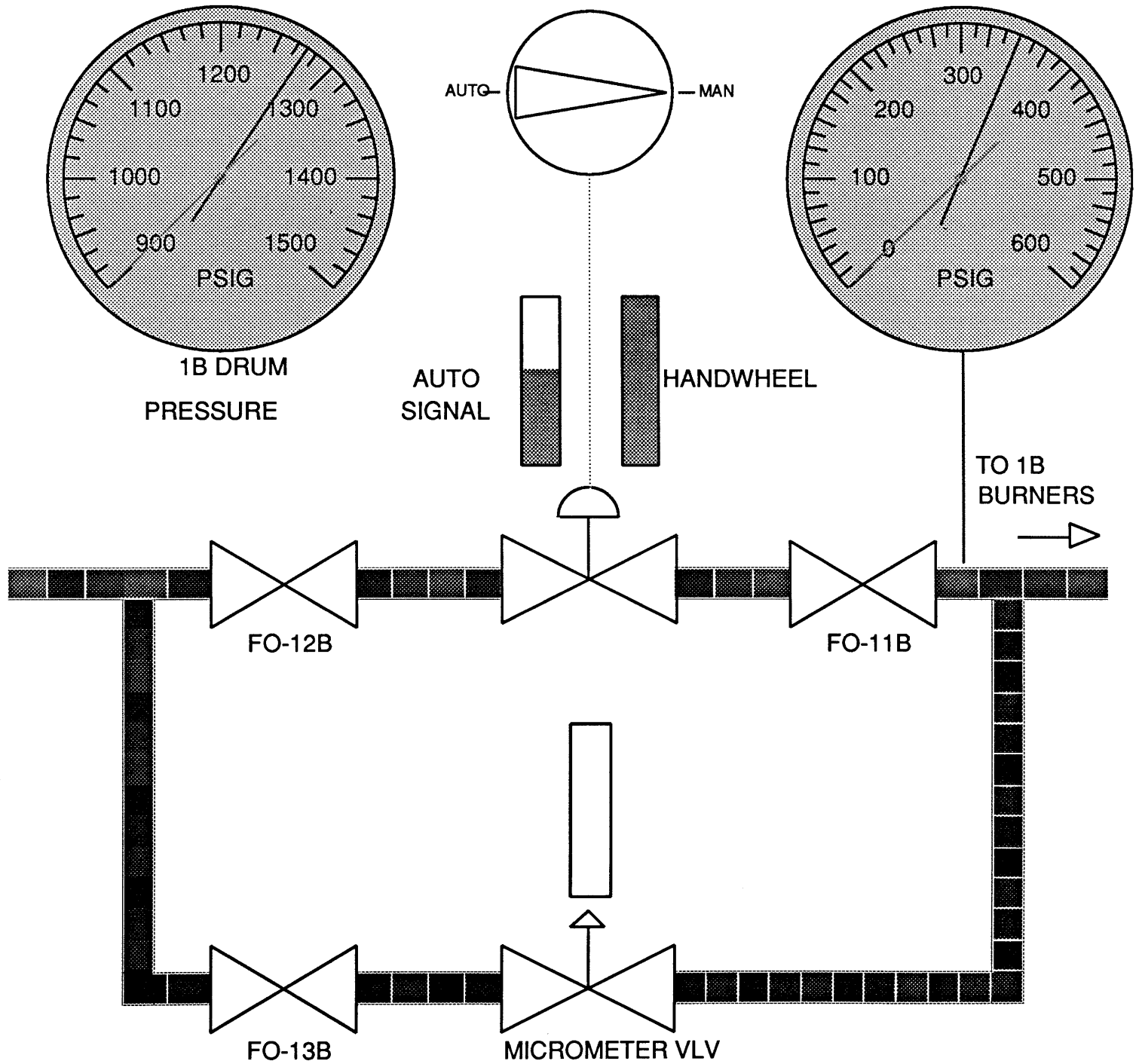




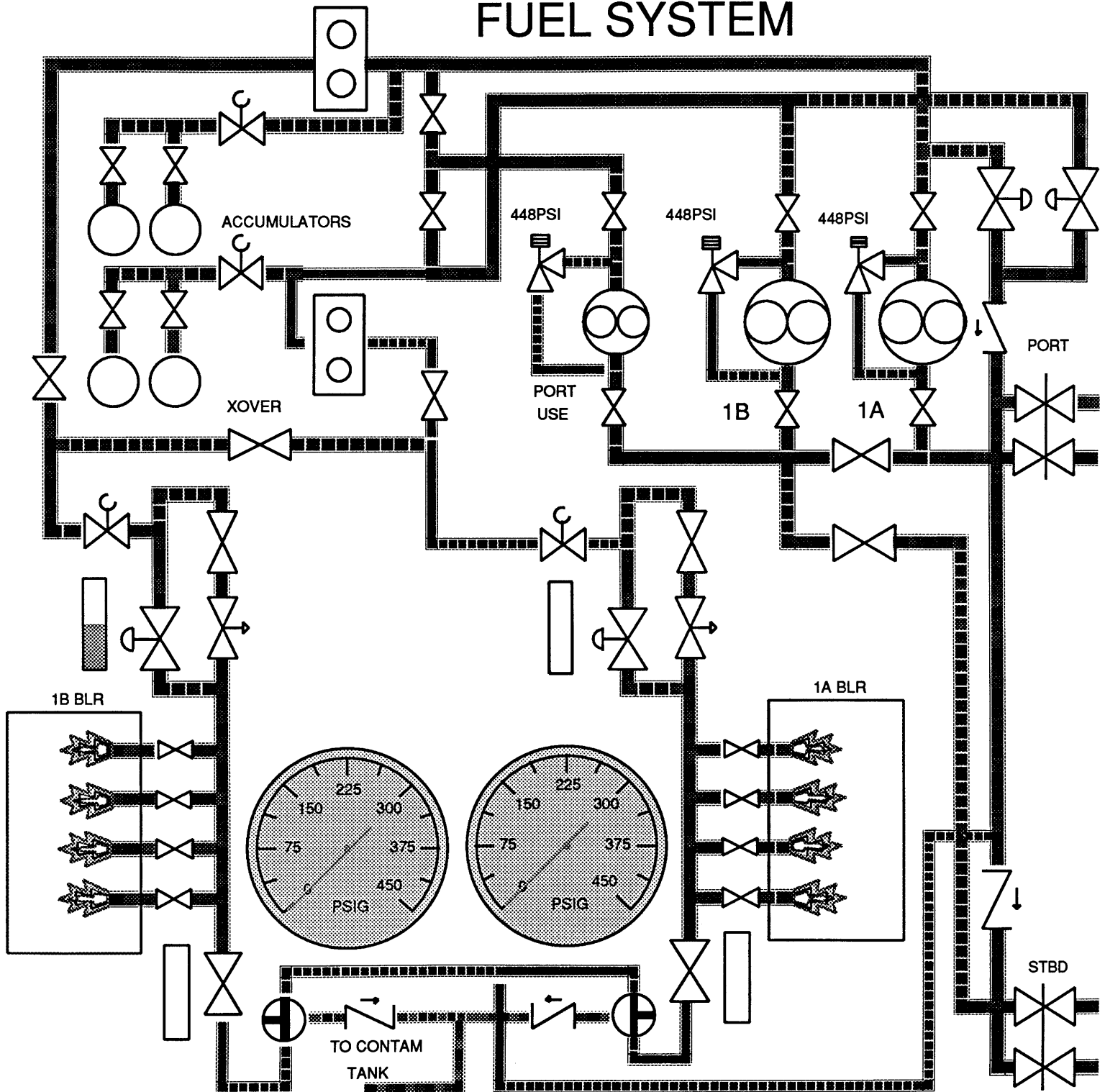
1B BURNER FRONT



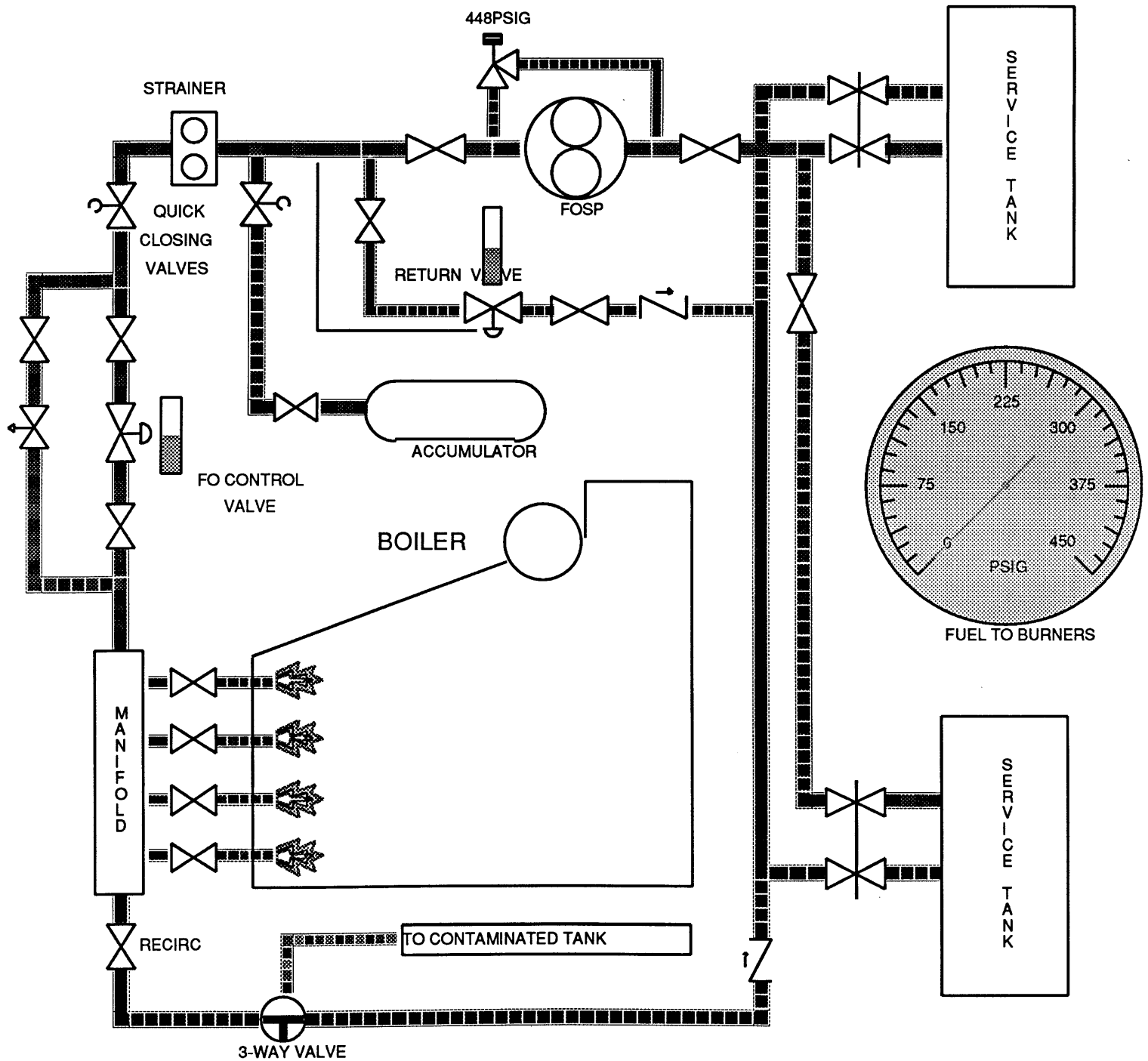
1B FUEL OIL CONTROL VALVE



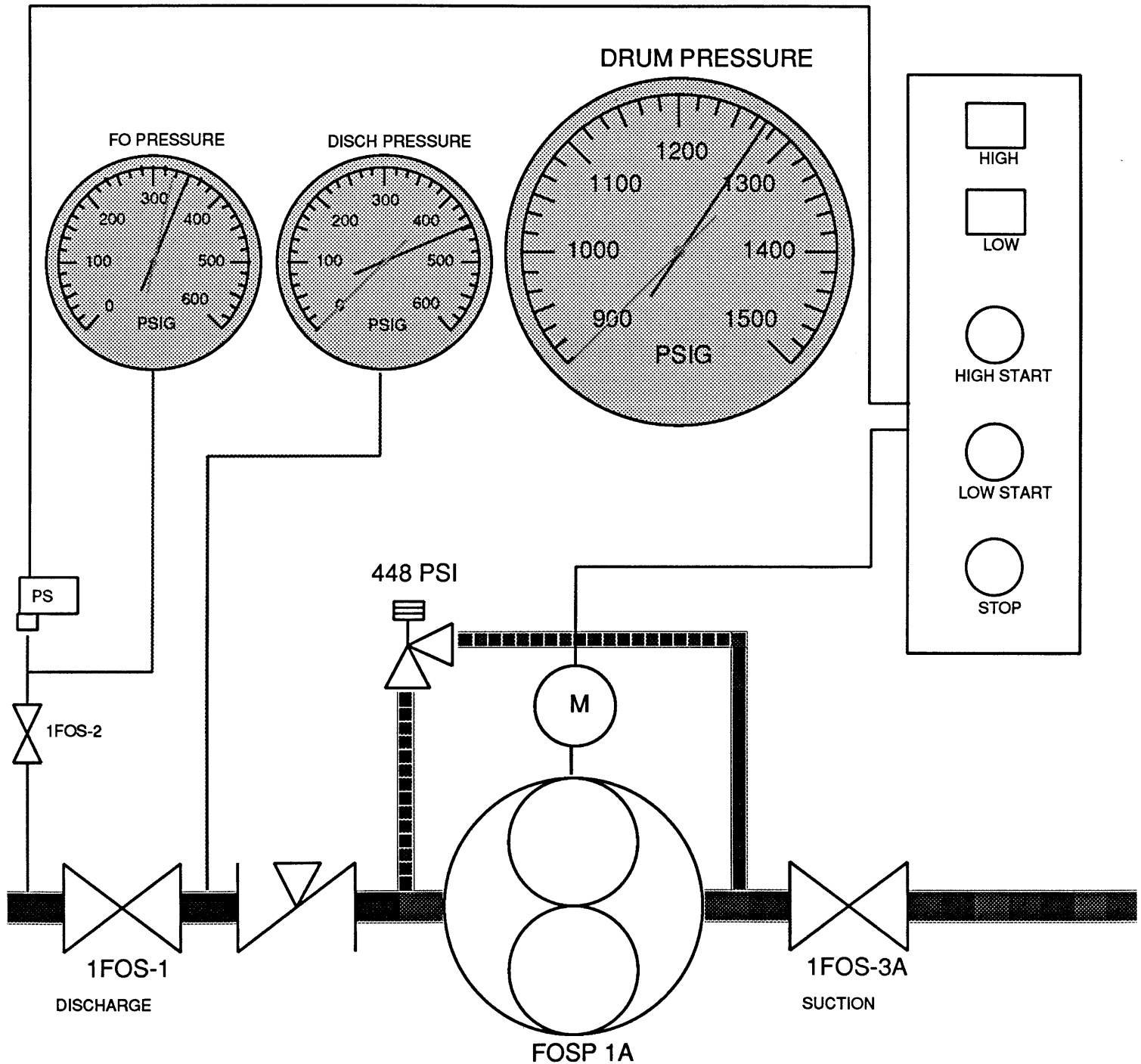
FUEL SYSTEM



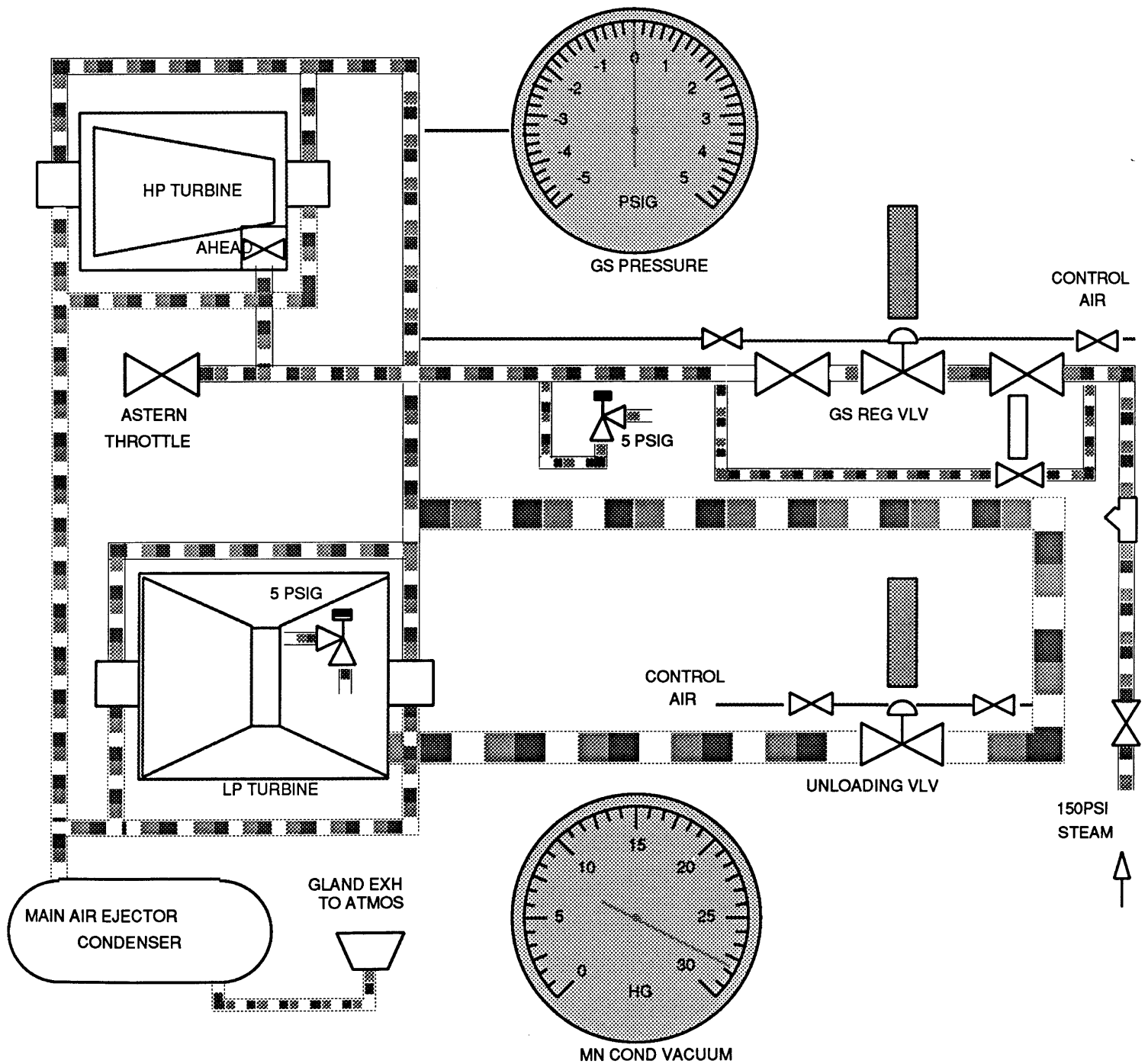
BASIC FO SYSTEM



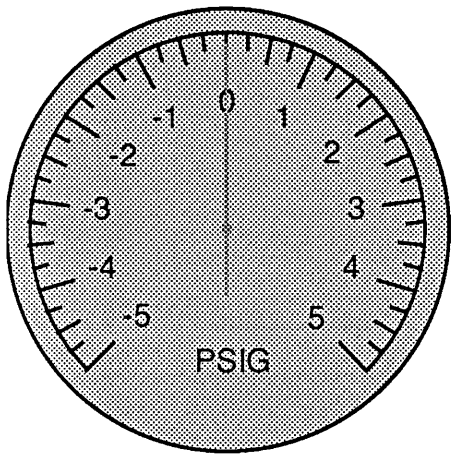
FUEL OIL SERVICE PUMP 1A



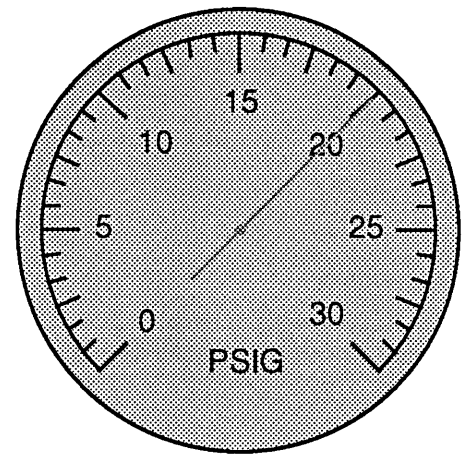
MAIN ENGINE GLAND SEAL



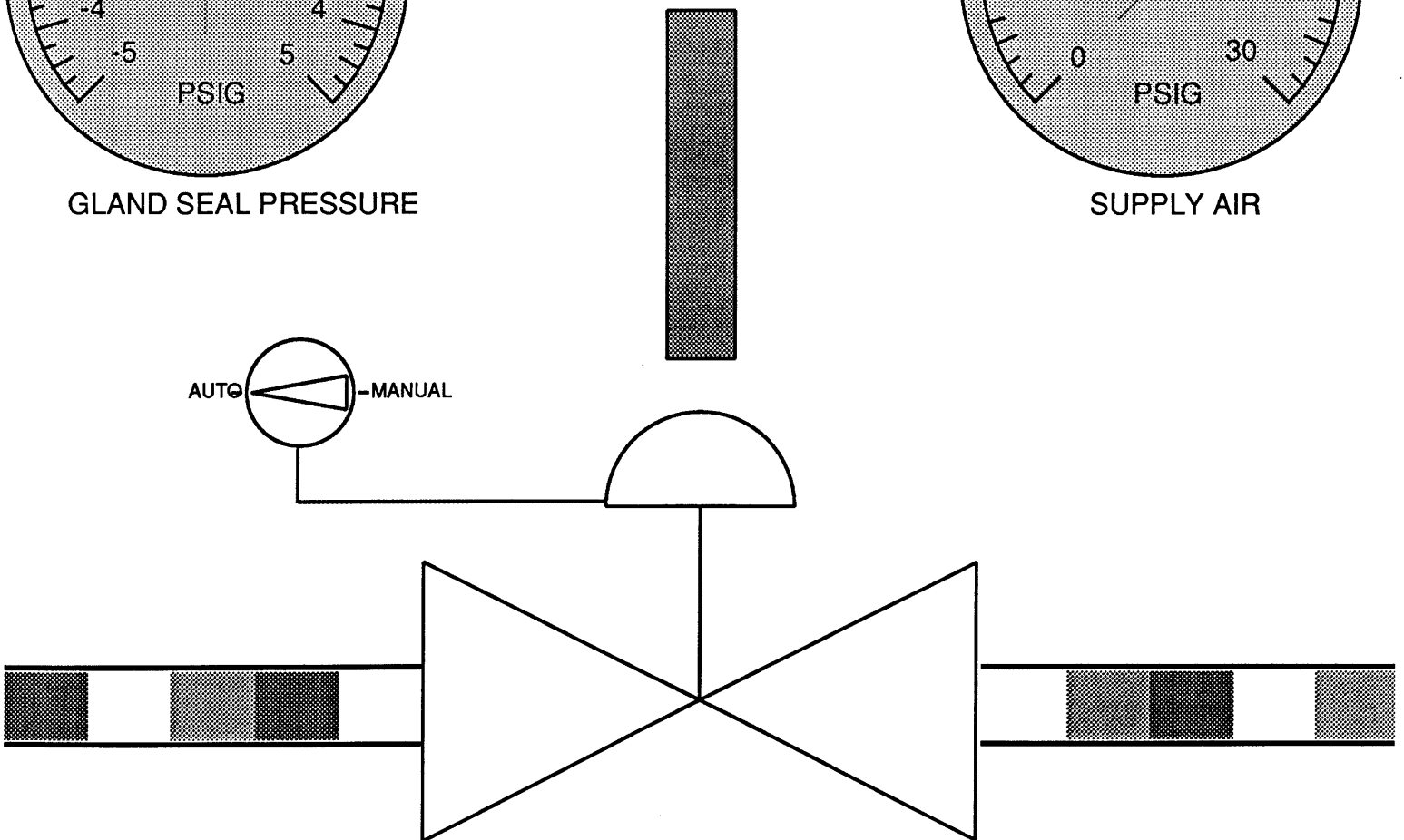
GLAND SEAL UNLOADING VALVE



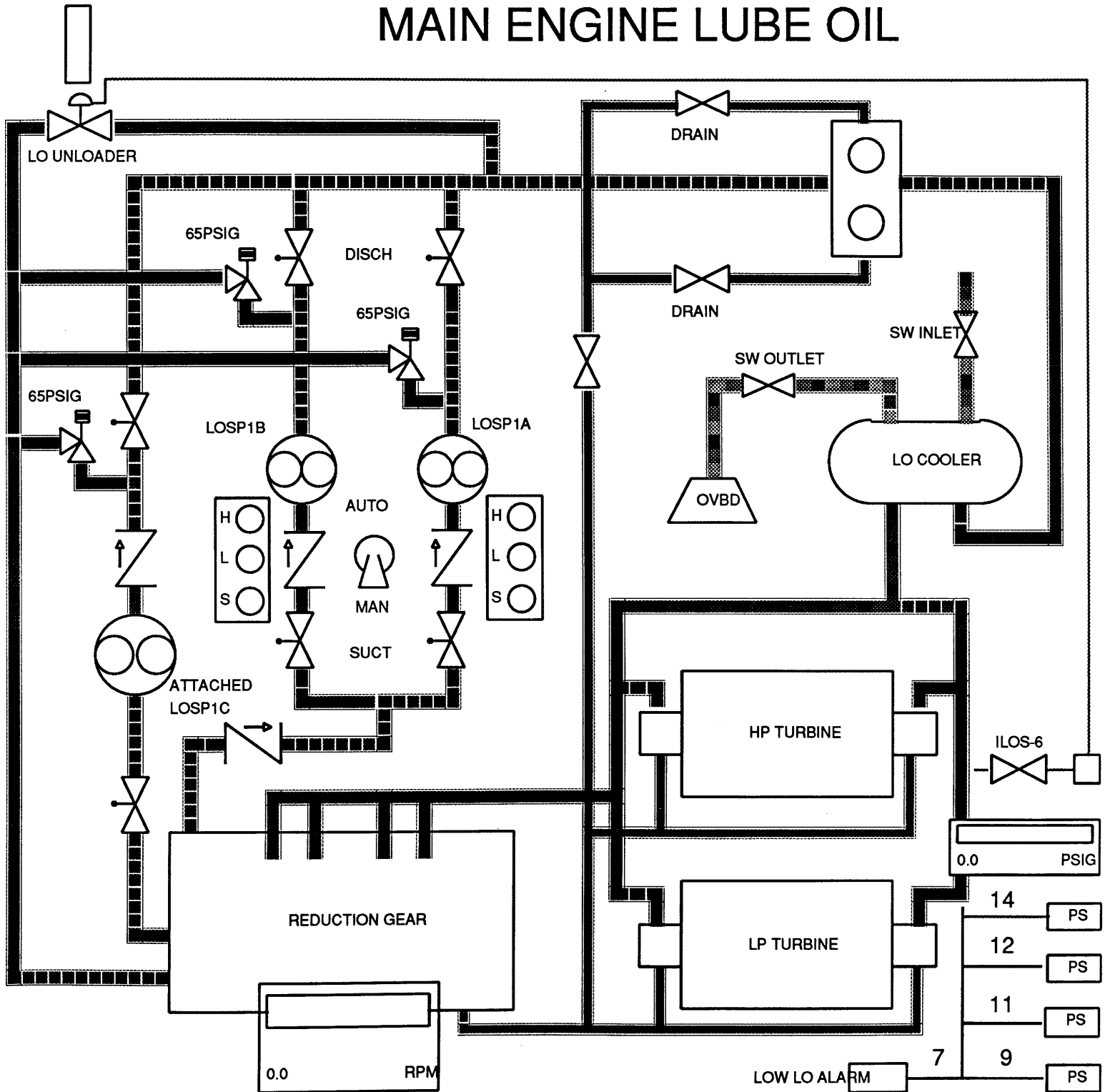
GLAND SEAL PRESSURE



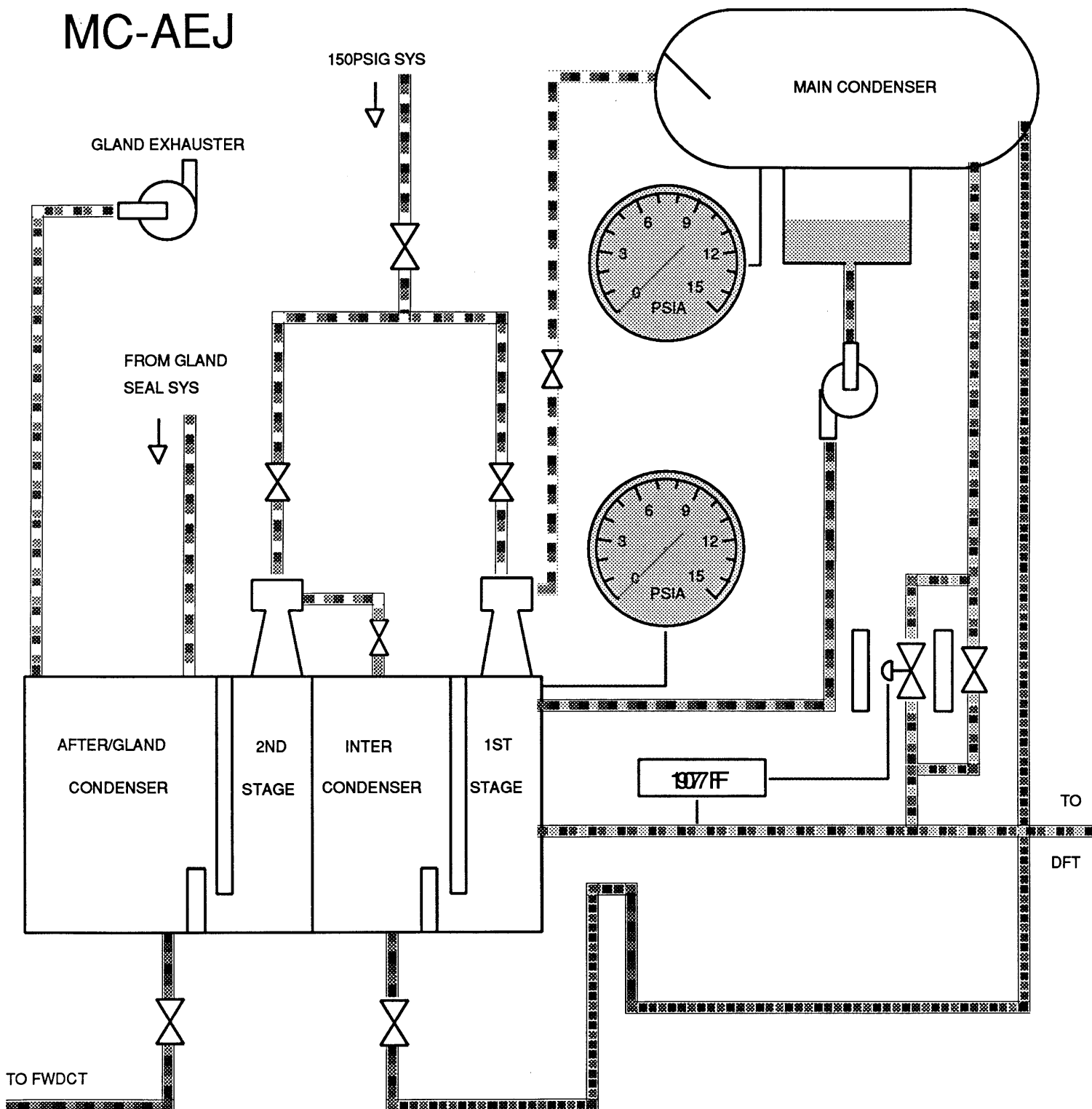
SUPPLY AIR



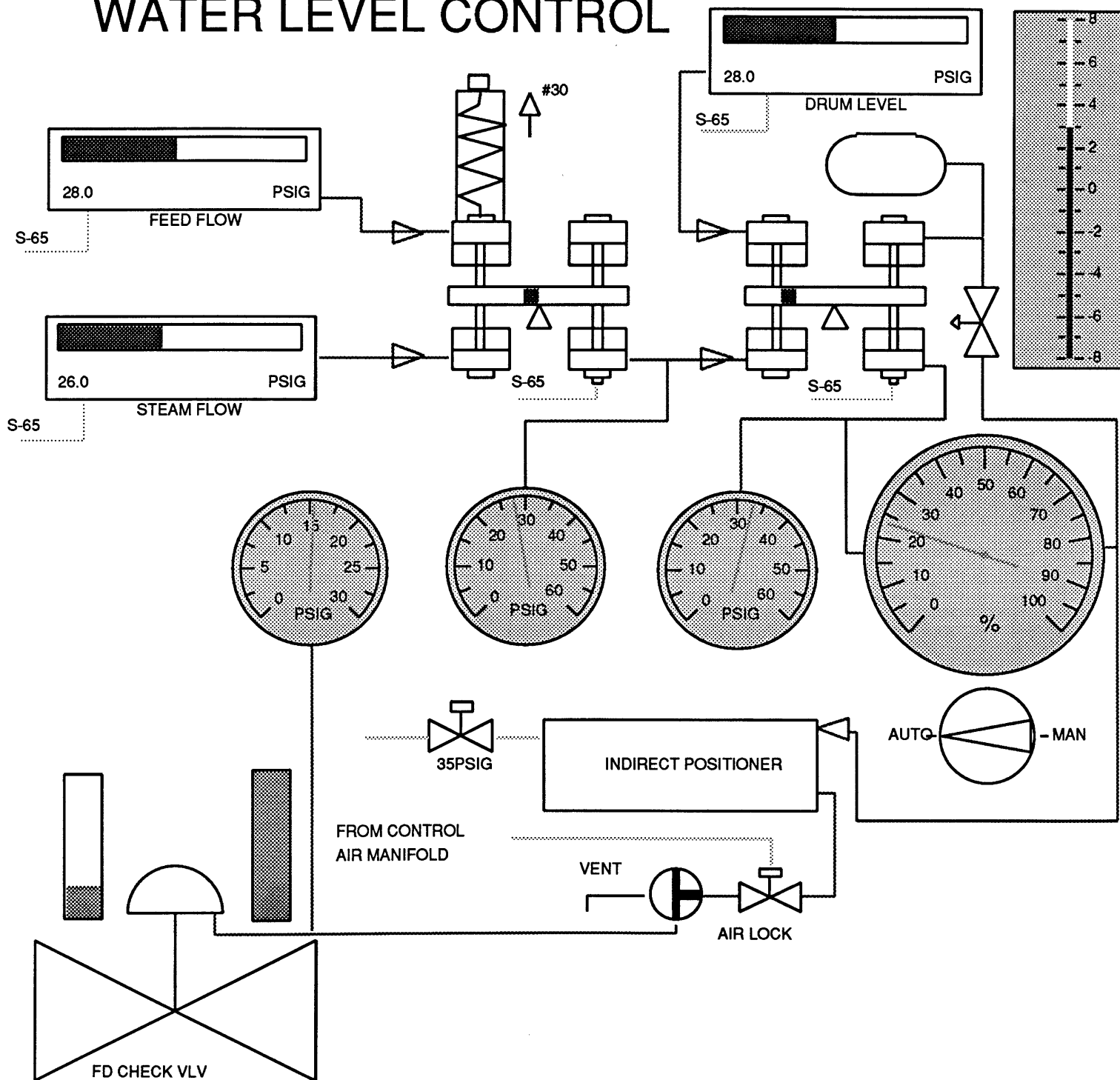
MAIN ENGINE LUBE OIL



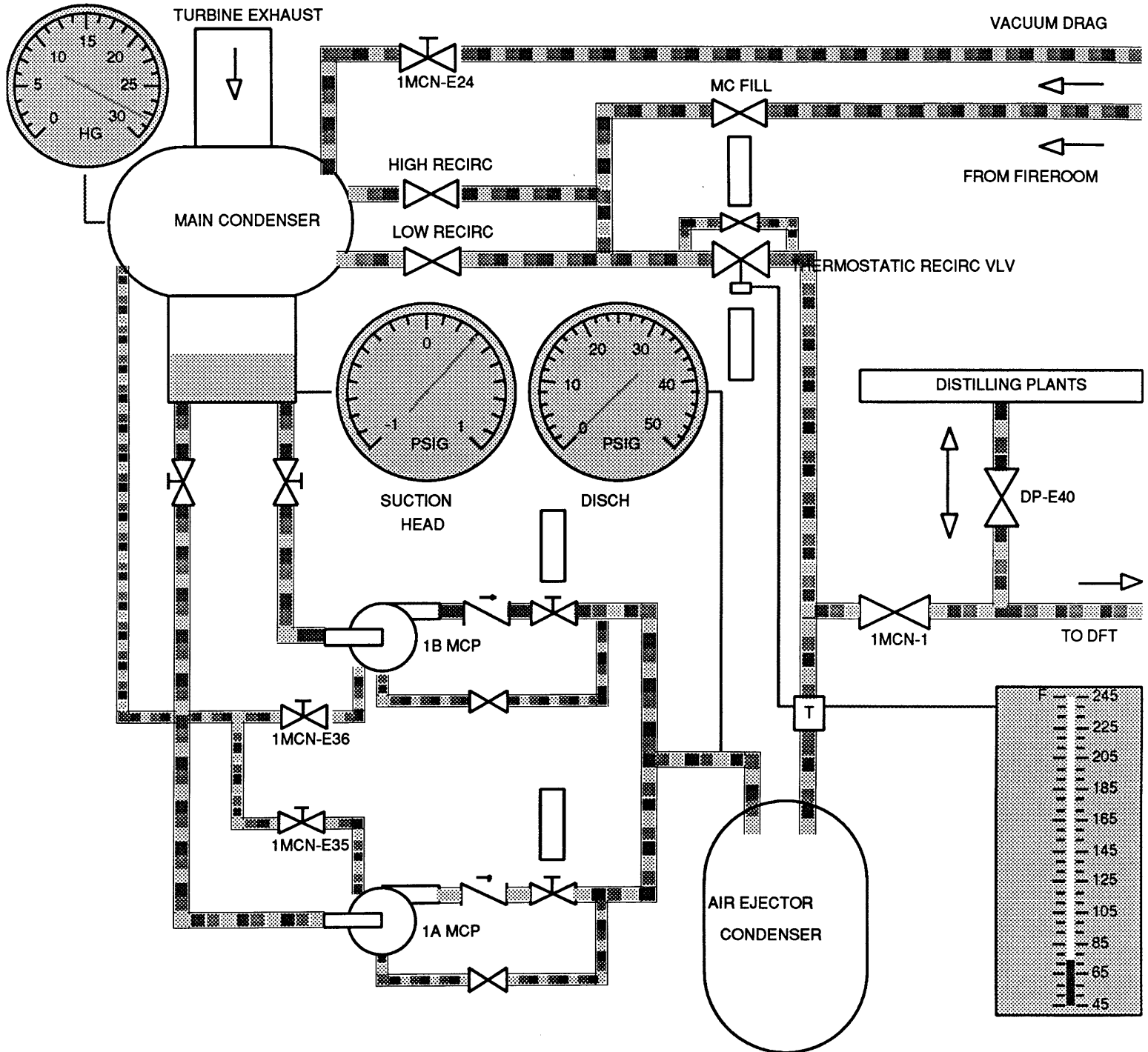
MC-AEJ



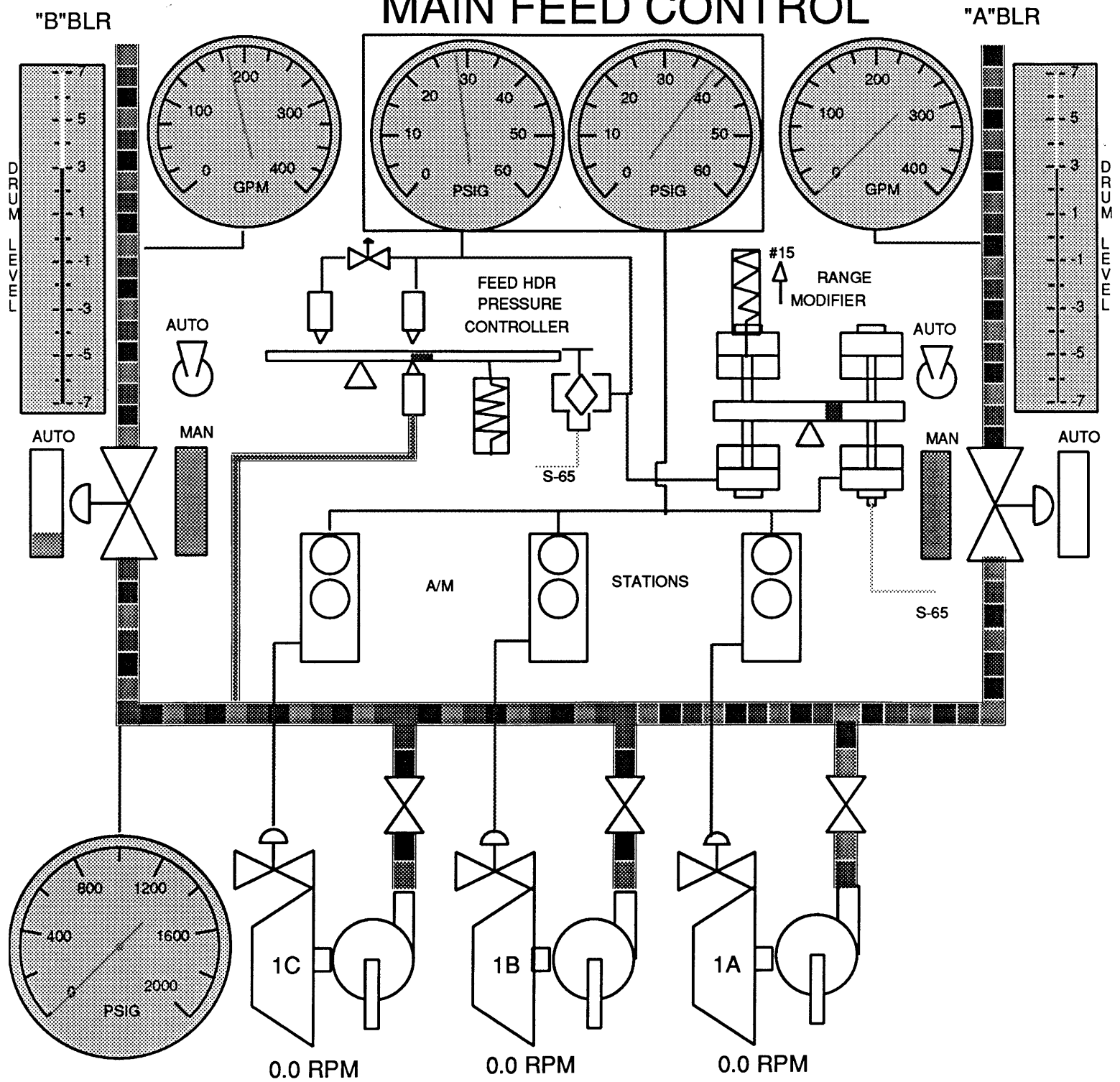
WATER LEVEL CONTROL



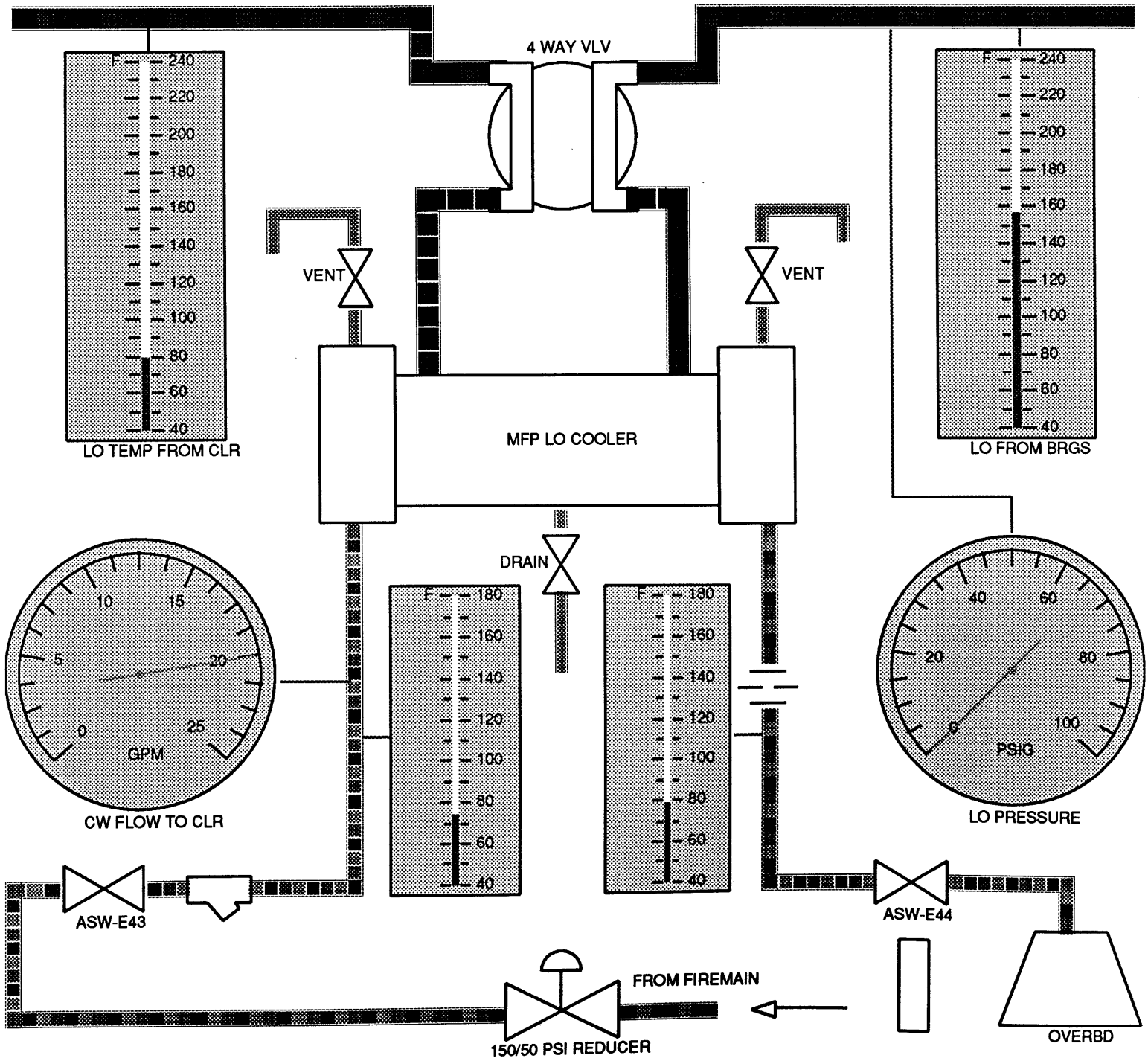
MAIN CONDENSATE ENGINEEROOM



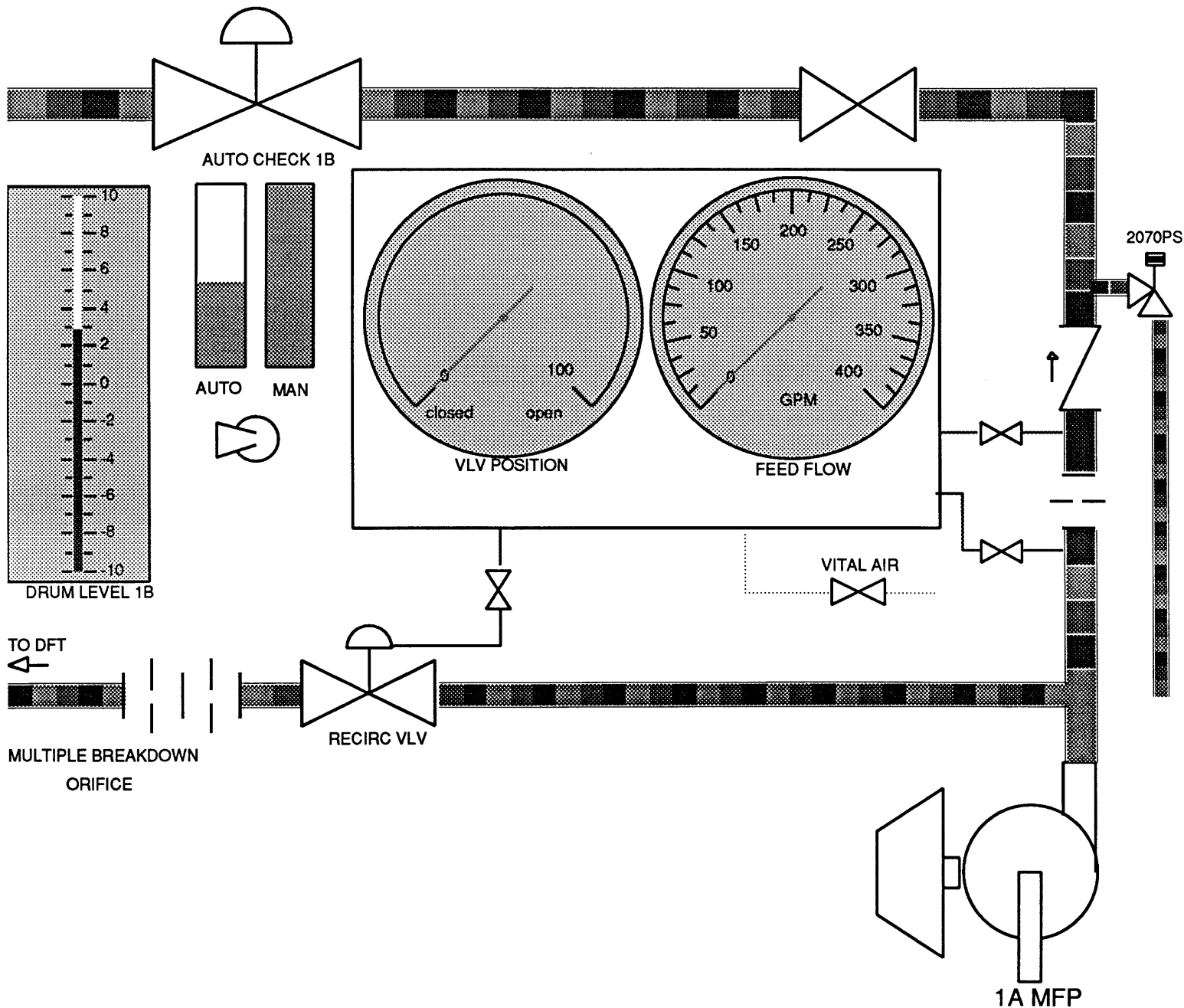
MAIN FEED CONTROL



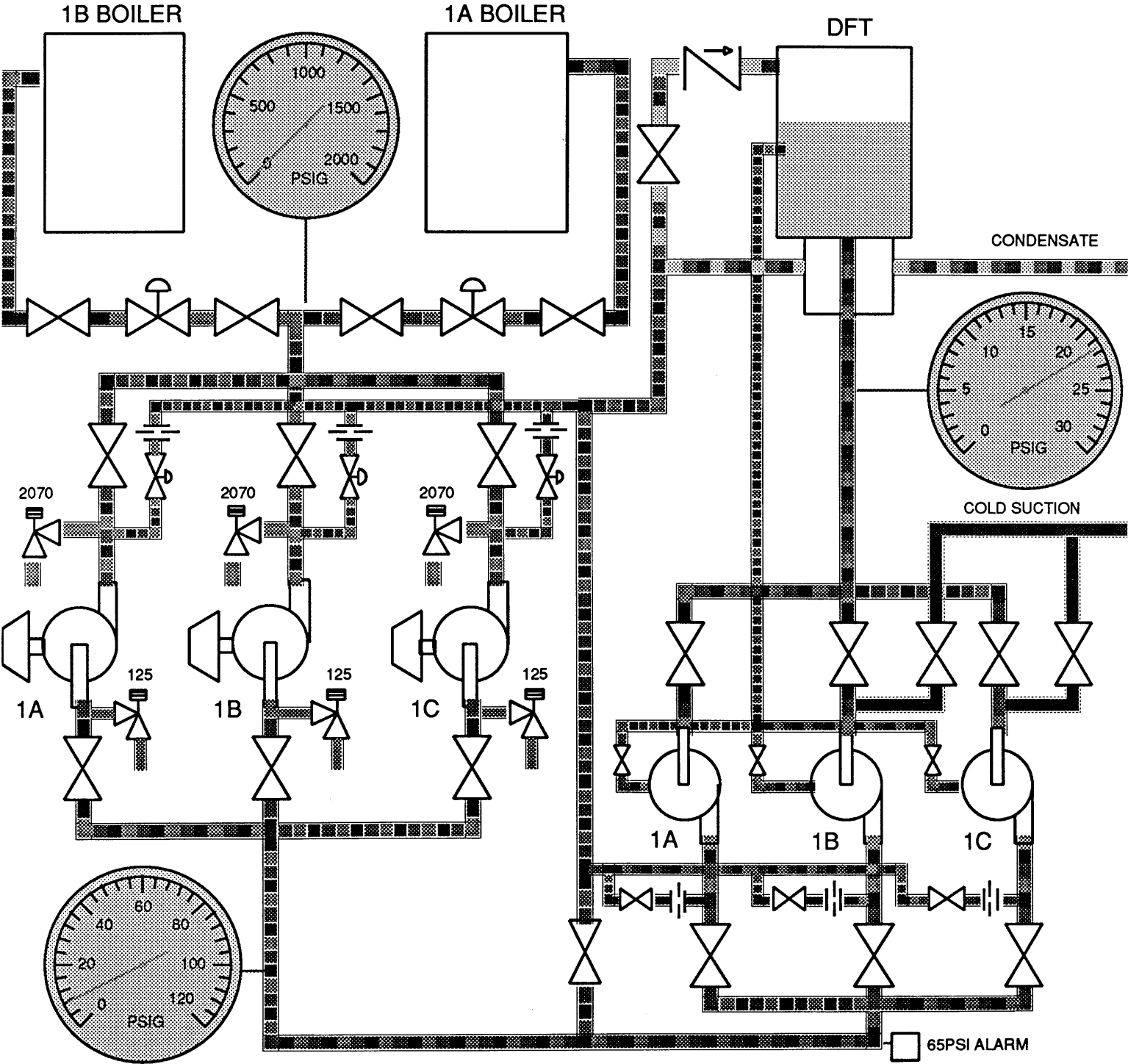
MFP LUBE OIL COOLER



RECIRCULATING SYSTEM



MAIN FEED SYSTEM



JET PUMPS

