

00:00:00
Freeze

Picture
DIR 00

Picture Directory

Alarms
Silence



no: Picture Name:

150 Description of Legends

01 Sea Water System

02 Fuel Oil System

03 Fuel Oil Service Tanks

04 Fuel Oil Settling Tanks

05 Fuel Oil Transfer System

06 HFO Separator 1

08 DO Purifier System

09 LO Purifier System

10 Fresh Water System

12 ME Lubrication Oil System

no: Picture Name:

54 Stern Tube System

56 Ship Steering & Propulsion

58 Steering Gear System

60 Start Air and Air Compressor

61 Fresh Water Generator

62 Bilge Wells

63 Bilge Separator

64 Refrigeration System

65 Waste Heat Recovery System

67 Fresh Water Sanitary System

80 Steam Generation Plant

81 Exhaust Boiler

82 Steam Generator

no: Picture Name:

83 Oil Fired Boiler

84 Boiler Combustion

85 Steam Condenser

86 Turbo Generator

87 Cargo Turbines

89 Inert Gas Plant

150 Description of Legends

Unit
Conversion

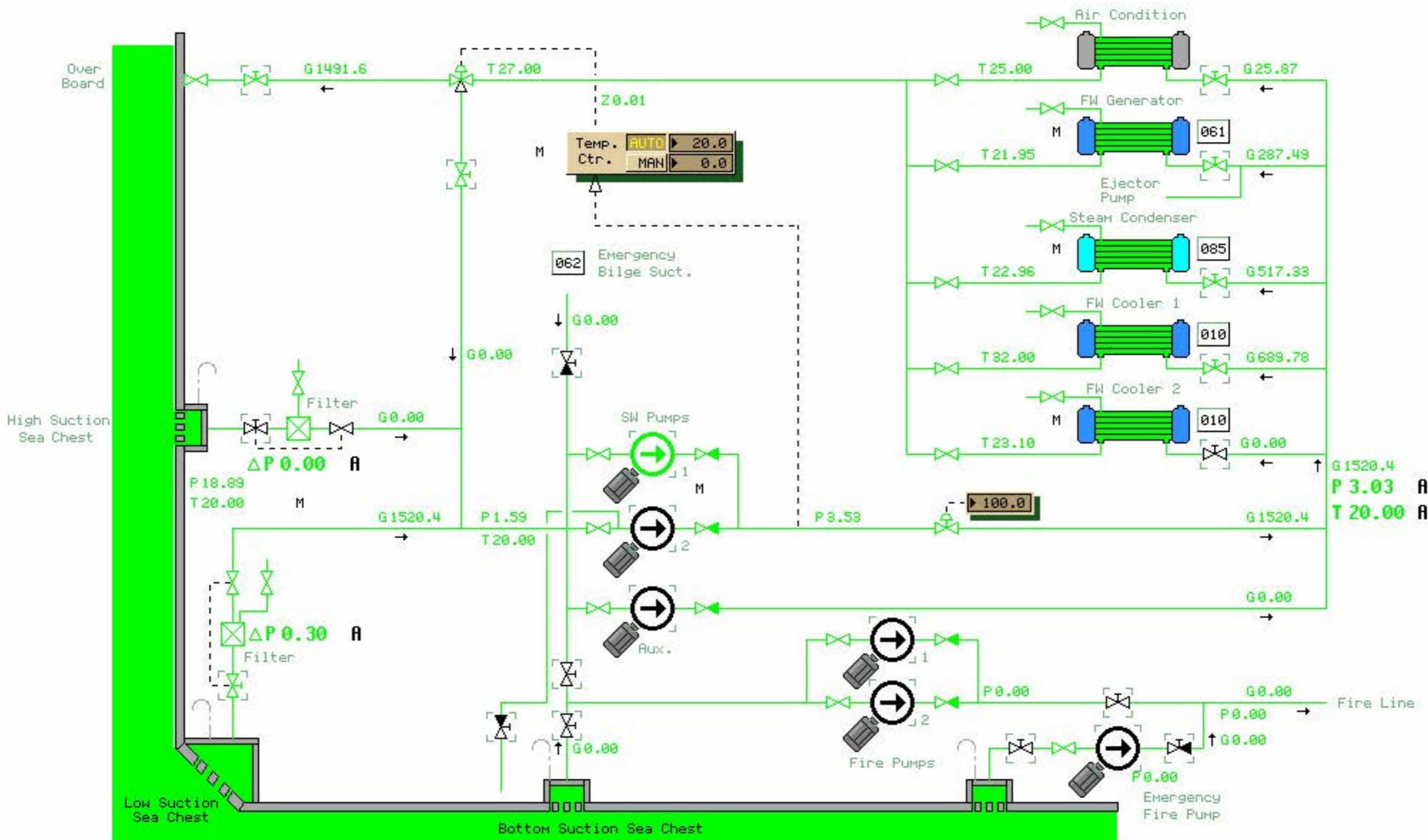
Message
Log

Back

Forward



MOUSE		SYMBOL	OUTPUT	INPUT	SYMBOL	OUTPUT	INPUT
			Current value of a tag	CURSOR HIT: - show descr. text SELECT: - change value		Unspecified valve	
			Digital output value with alarm			Check valve	
			Digital output value without alarm			Control valve	CURSOR HIT: - show descr. text
			PREFIX Characters: C - constant D - density E - power/isolation F - frequency G - flow H - heat transfer I - current L - level M - mass N - speed P - pressure Q - force R - pump (fan) state T - temperature V - valve state/voltage W - viscosity X - position (state) Z - signal/concentration			Spring loaded valve	
COLOURS 				CURSOR HIT: - show descr. text SELECT: - acknowledge alarm		3 way control valve	
						Manual ON/OFF valve	
						Quick closing valve	CURSOR HIT: - show descr. text ACTIVE: - Open valve PASSIVE: - Close valve
						Automatic ON/OFF	
						3 way manual ON/OFF	
						3 way automatic ON/OFF	
STATIC SYMBOLS 						Fan	CURSOR HIT: - show descr. text ACTIVE: - Start PASSIVE: - Stop
			Digital output value without alarm PREFIX Characters: (See above)	CURSOR HIT: - show descr. text		Centrifugal pump	
			If instructor level and active malf. in group: M is lighting yellow	SELECT: - show malf. page		Condition	SELECT: - Set ON - show descr. text
			Picture number	SELECT: - Change picture		Condition	SELECT: - Set OFF - show descr. text
			Light emitting diode: - ON (Steady light) - OFF (No light) - Change (Blinking)			Condition	SELECT: - Set ON/OFF (toggle) - show descr. text
			OUTPUT field: - READY (Coloured text) - NOT READY (Black text)		CONTROLLERS 		SELECT on Contr. Window: - Show Contr. Window
			INPUT/OUTPUT field: - STARTED (Coloured text) - NOT STARTED (Black text)	SELECT: - show descr. text - START			SELECT on buttons: - set AUTO/MAN - show descr. text
							CURSOR HIT on values: - show descr. text SELECT on values: - change value

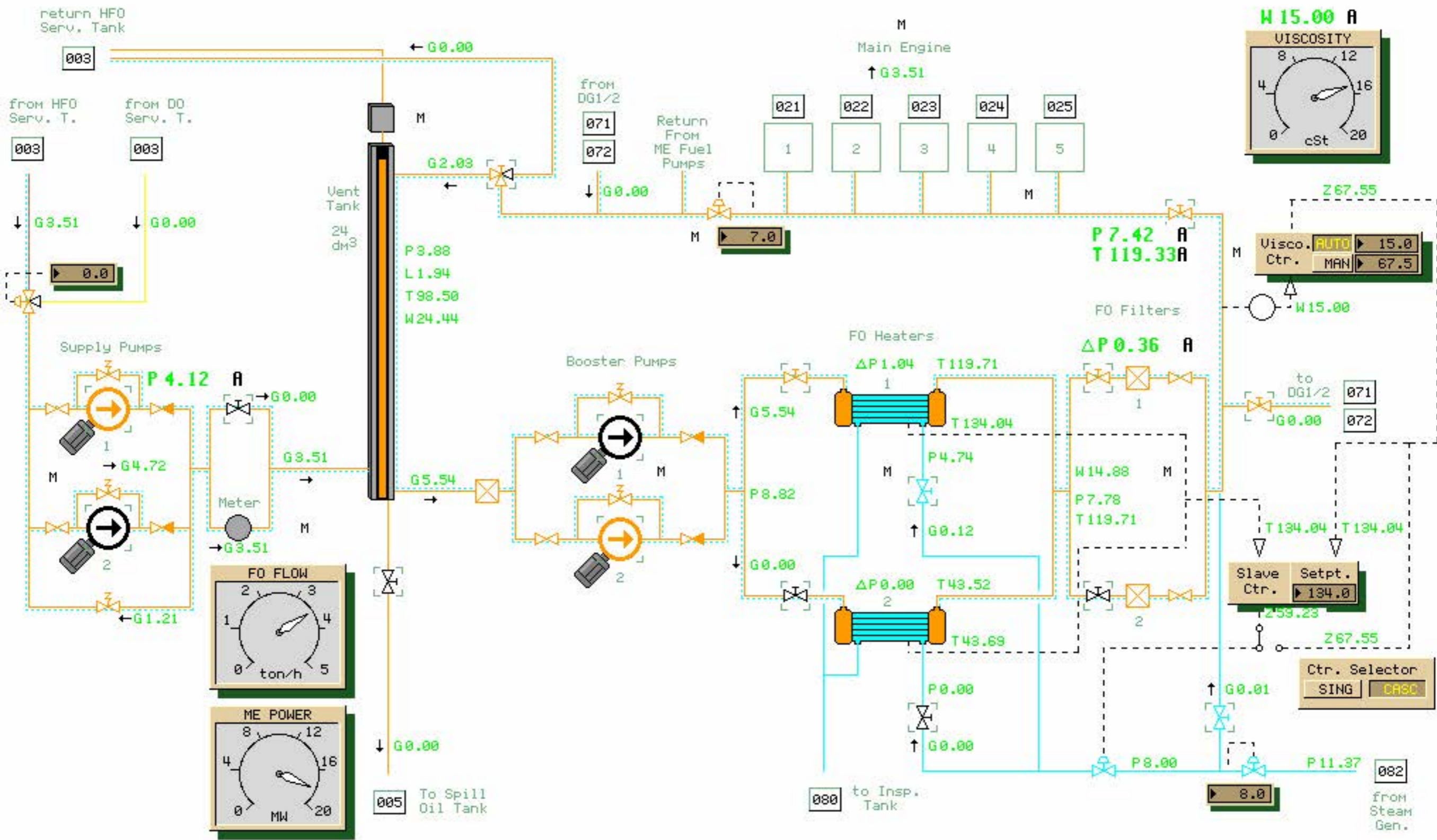


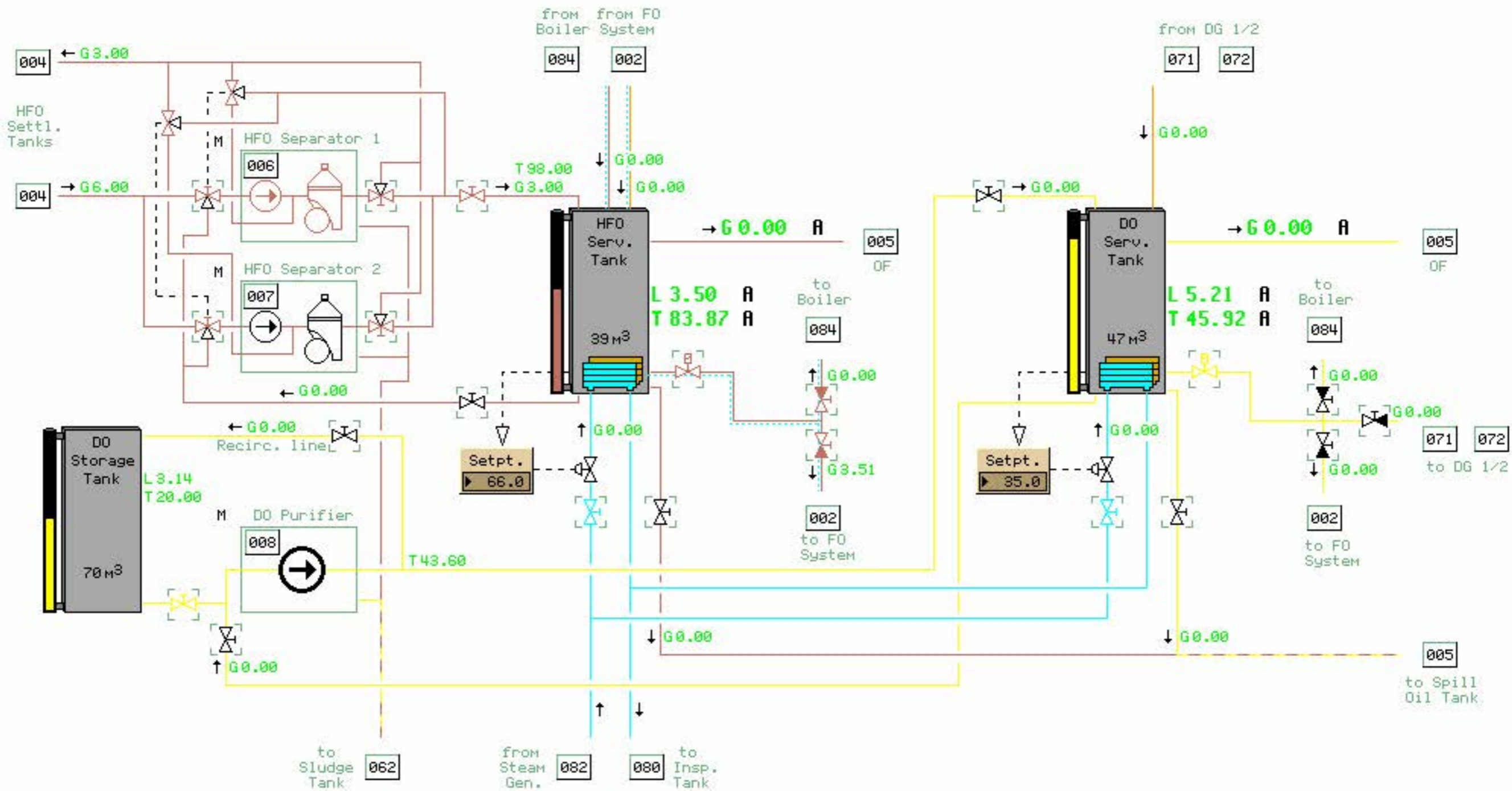
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Freeze

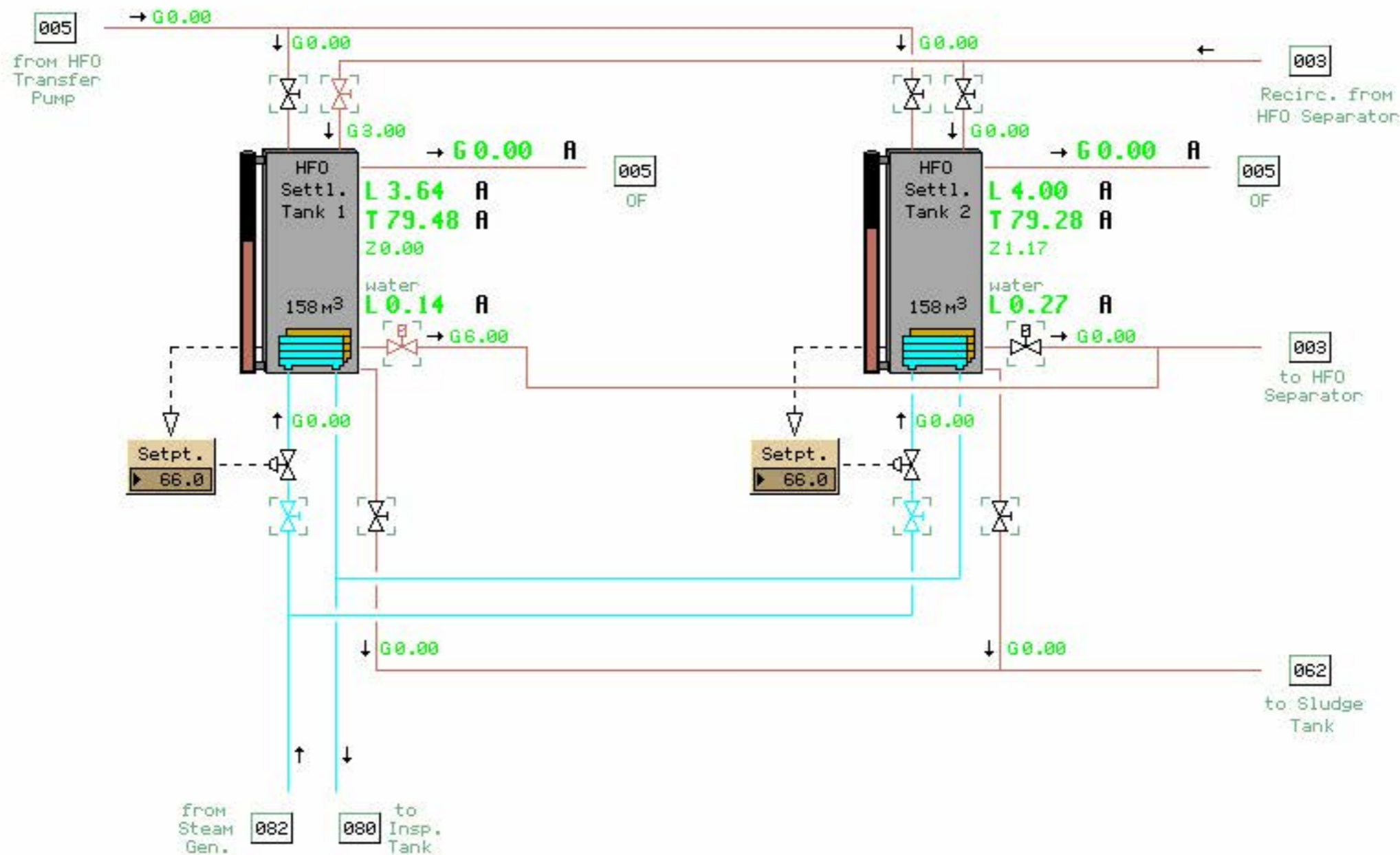
Picture
MD 02

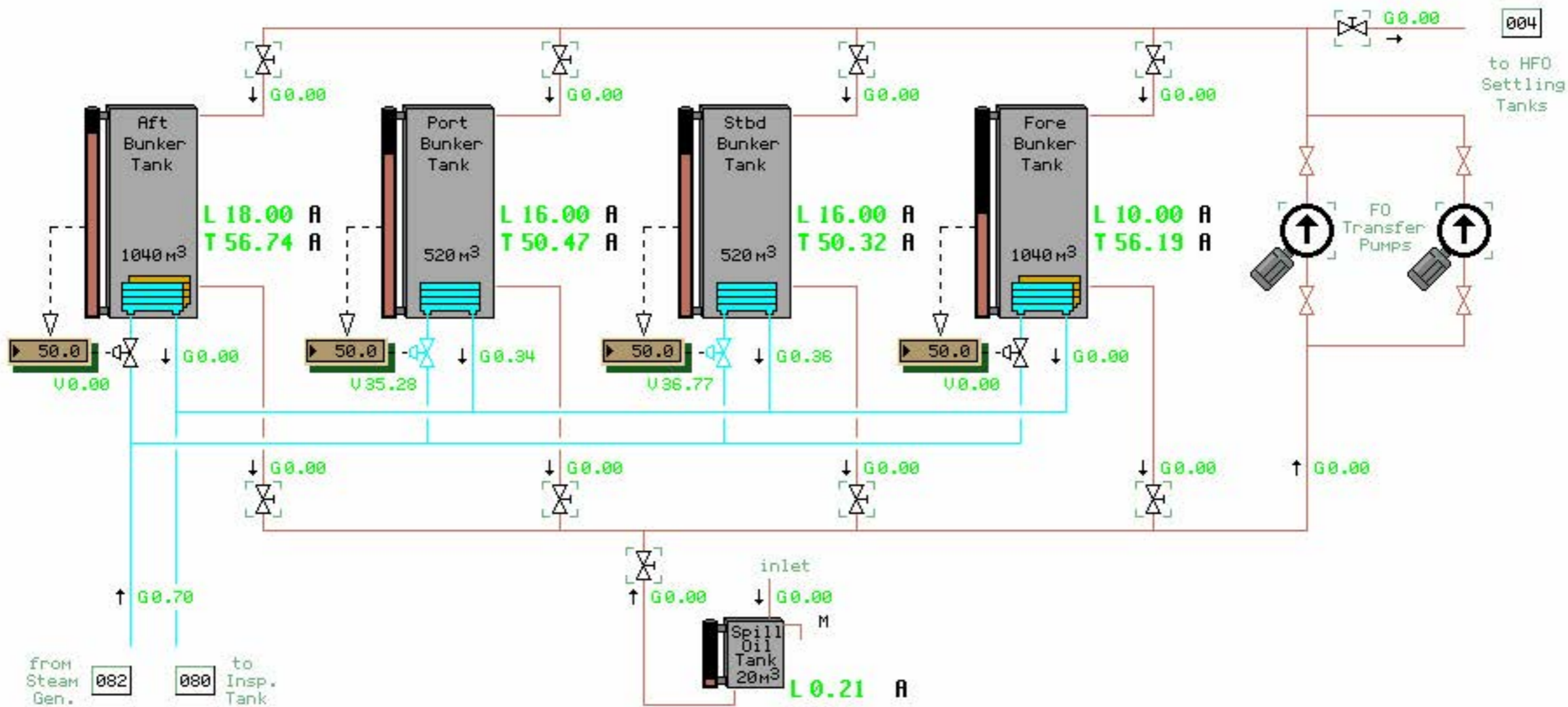
Fuel Oil System

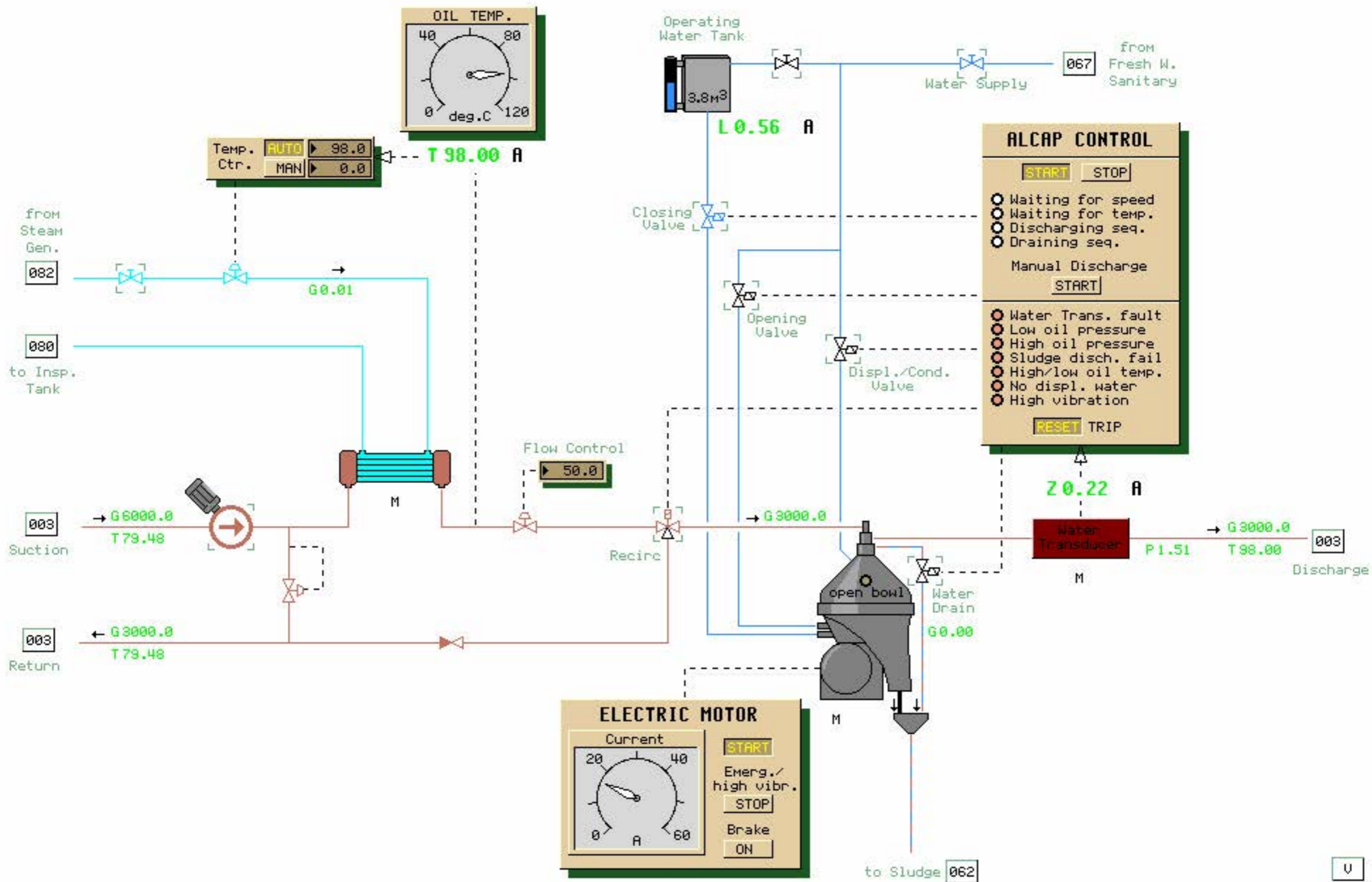
Alarm
Group

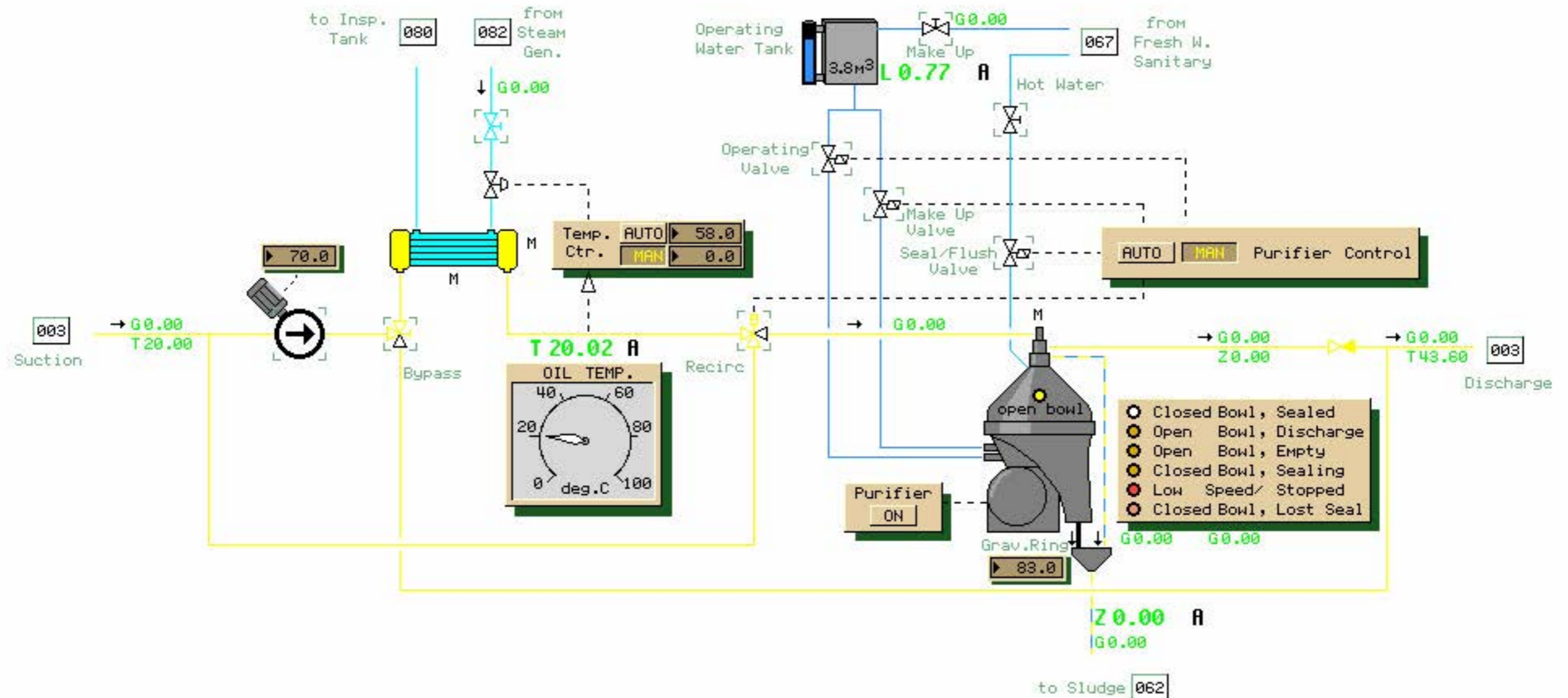


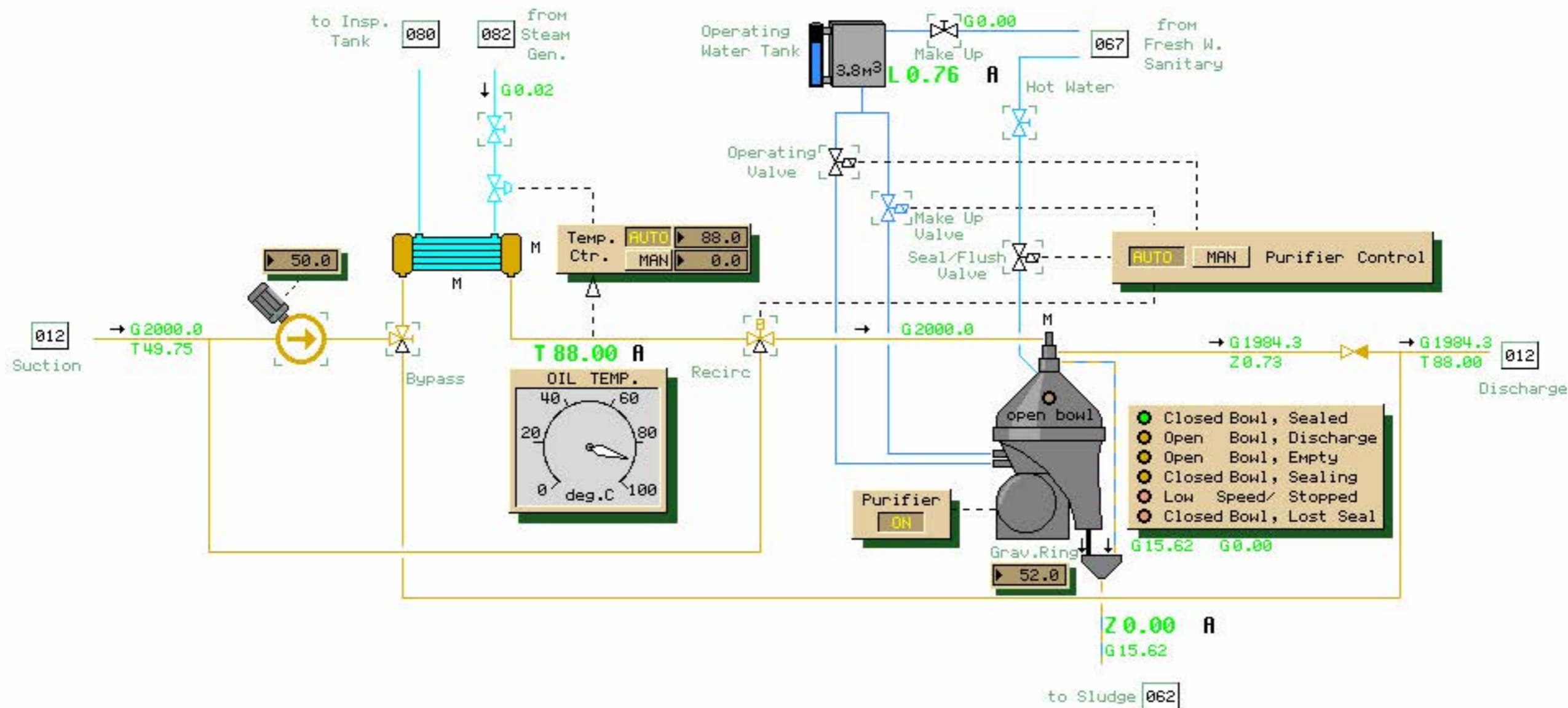


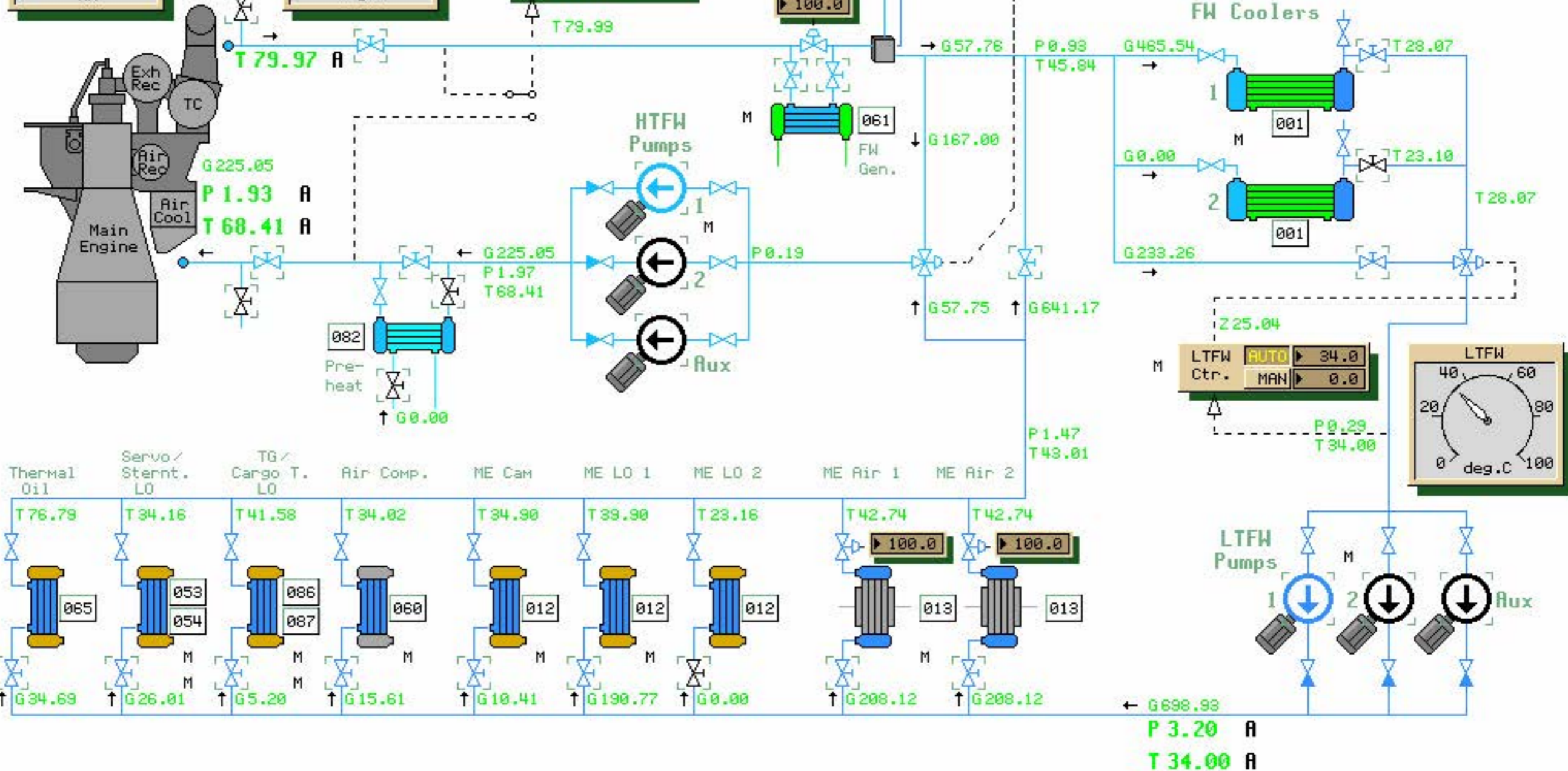
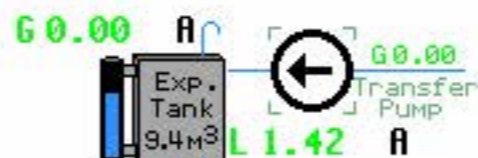
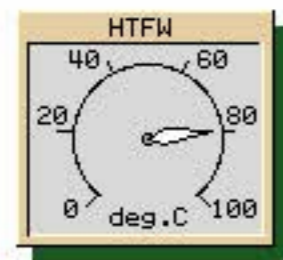
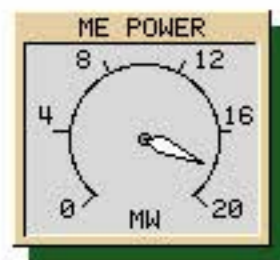


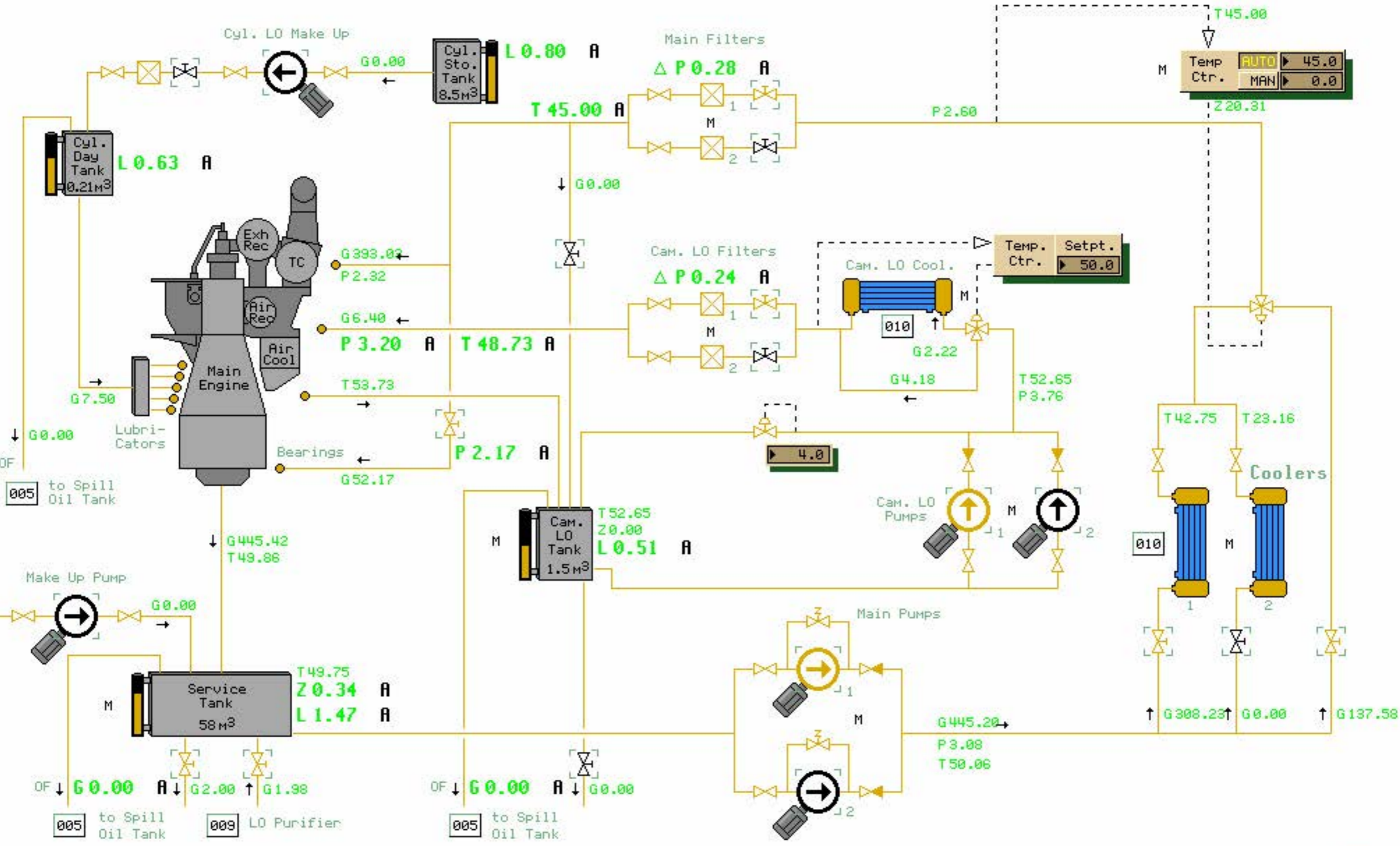


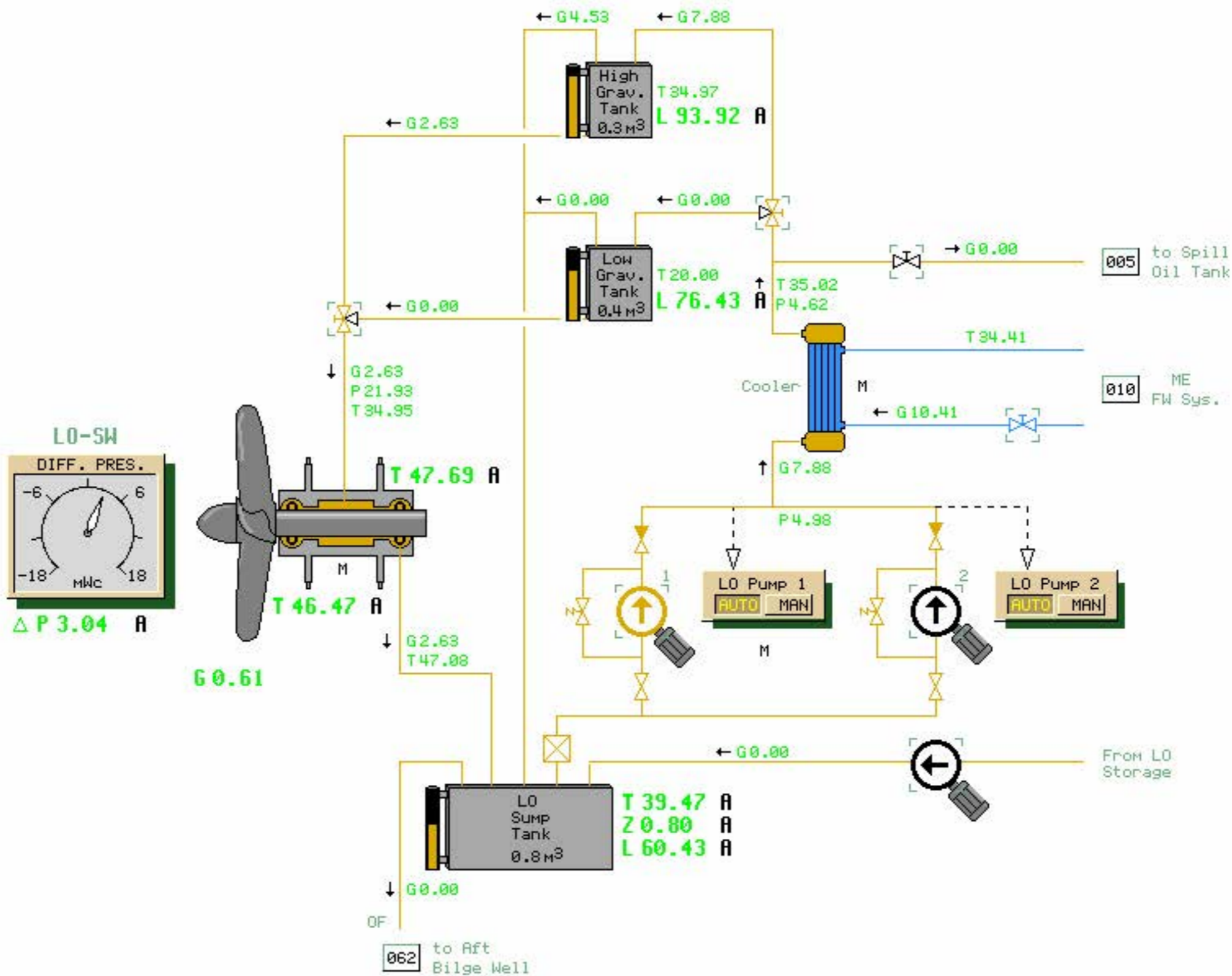


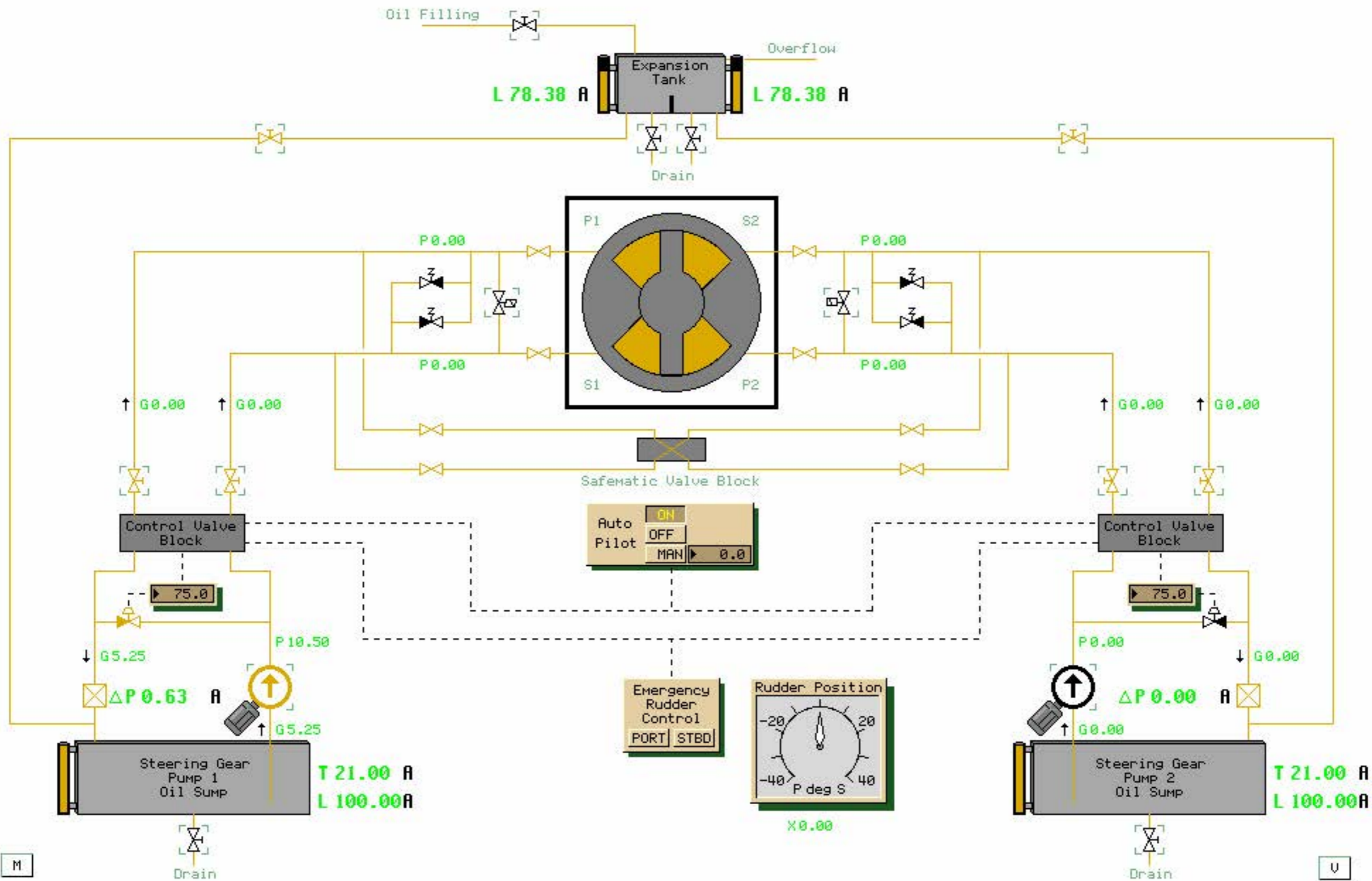






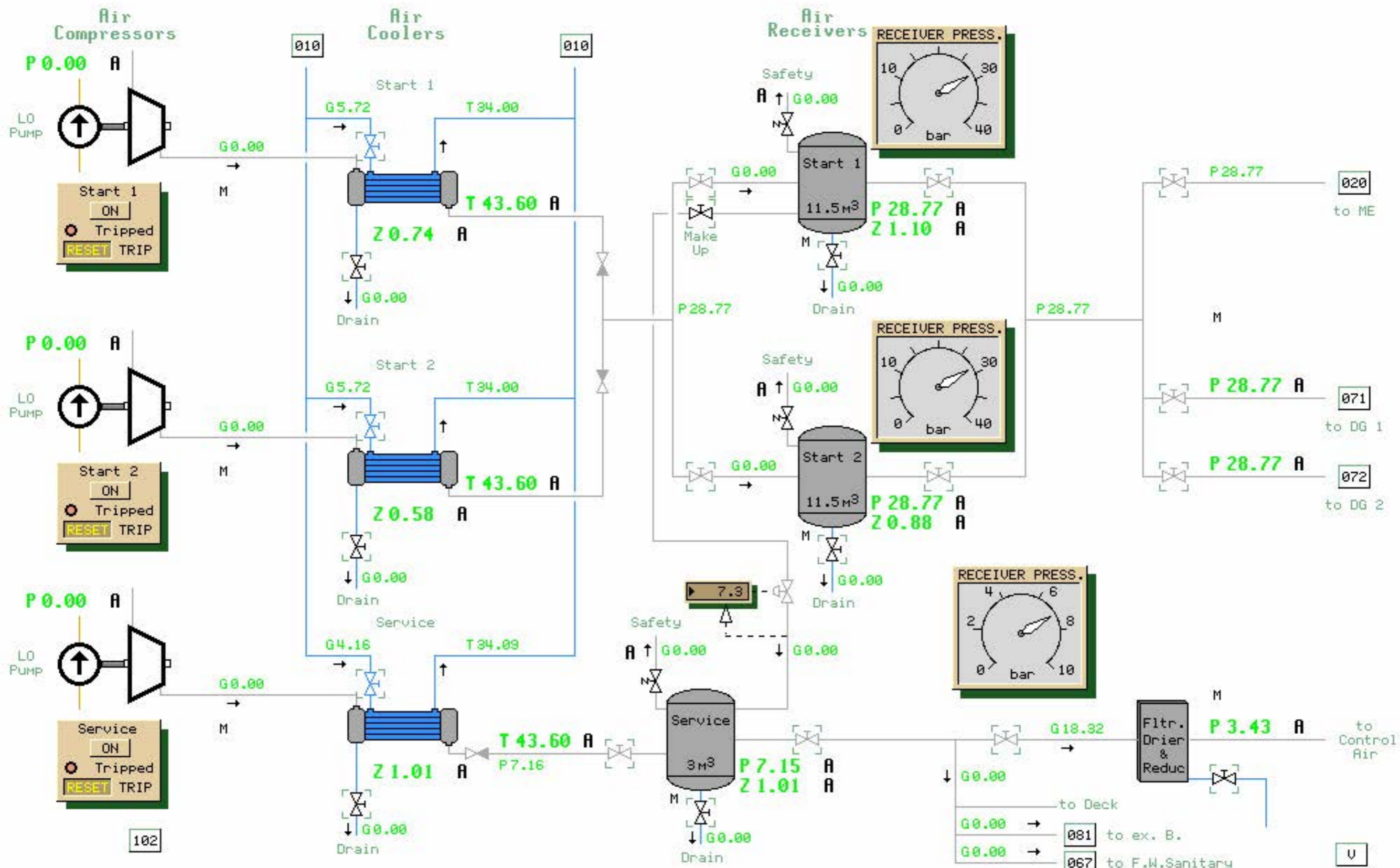






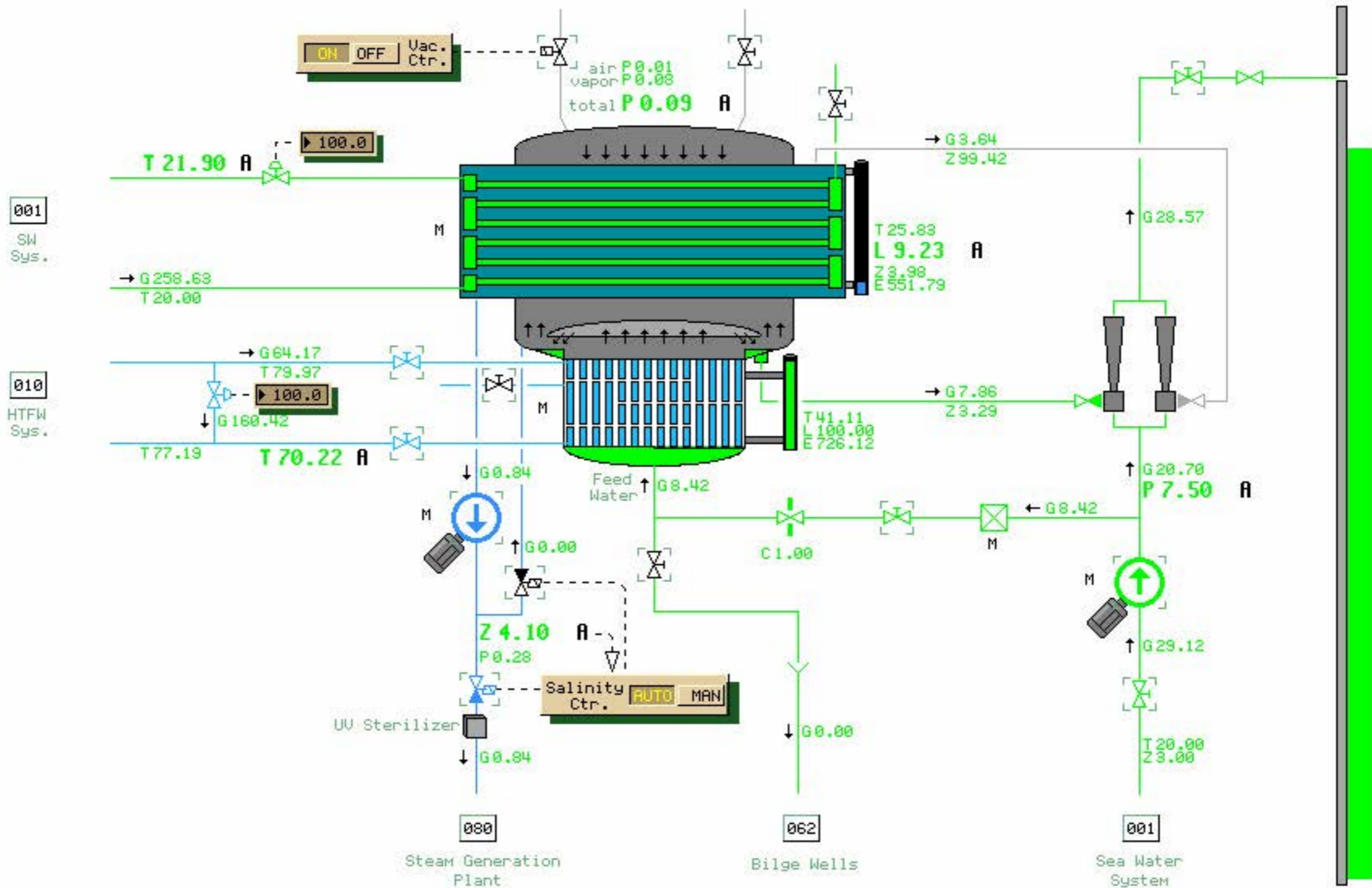
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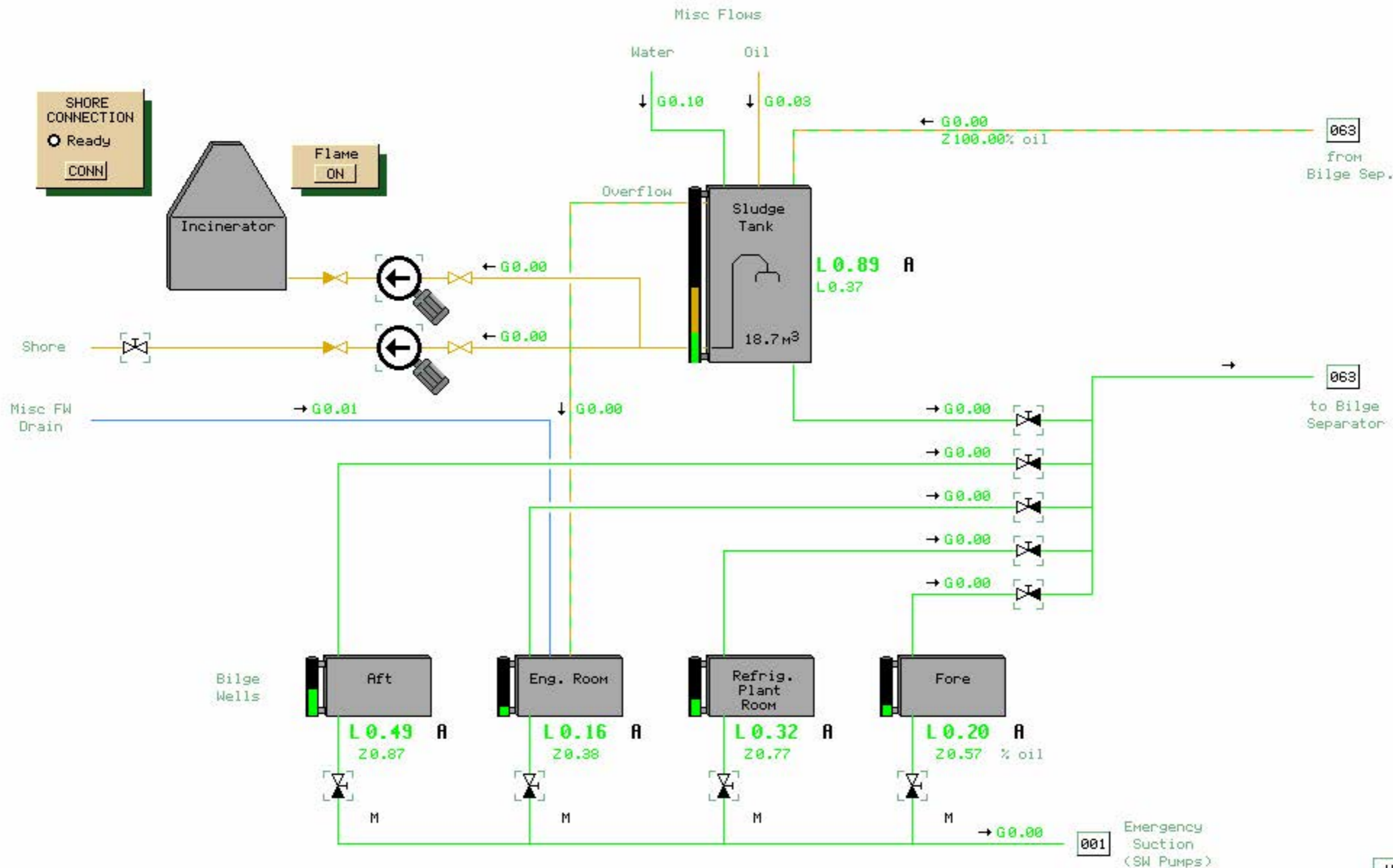
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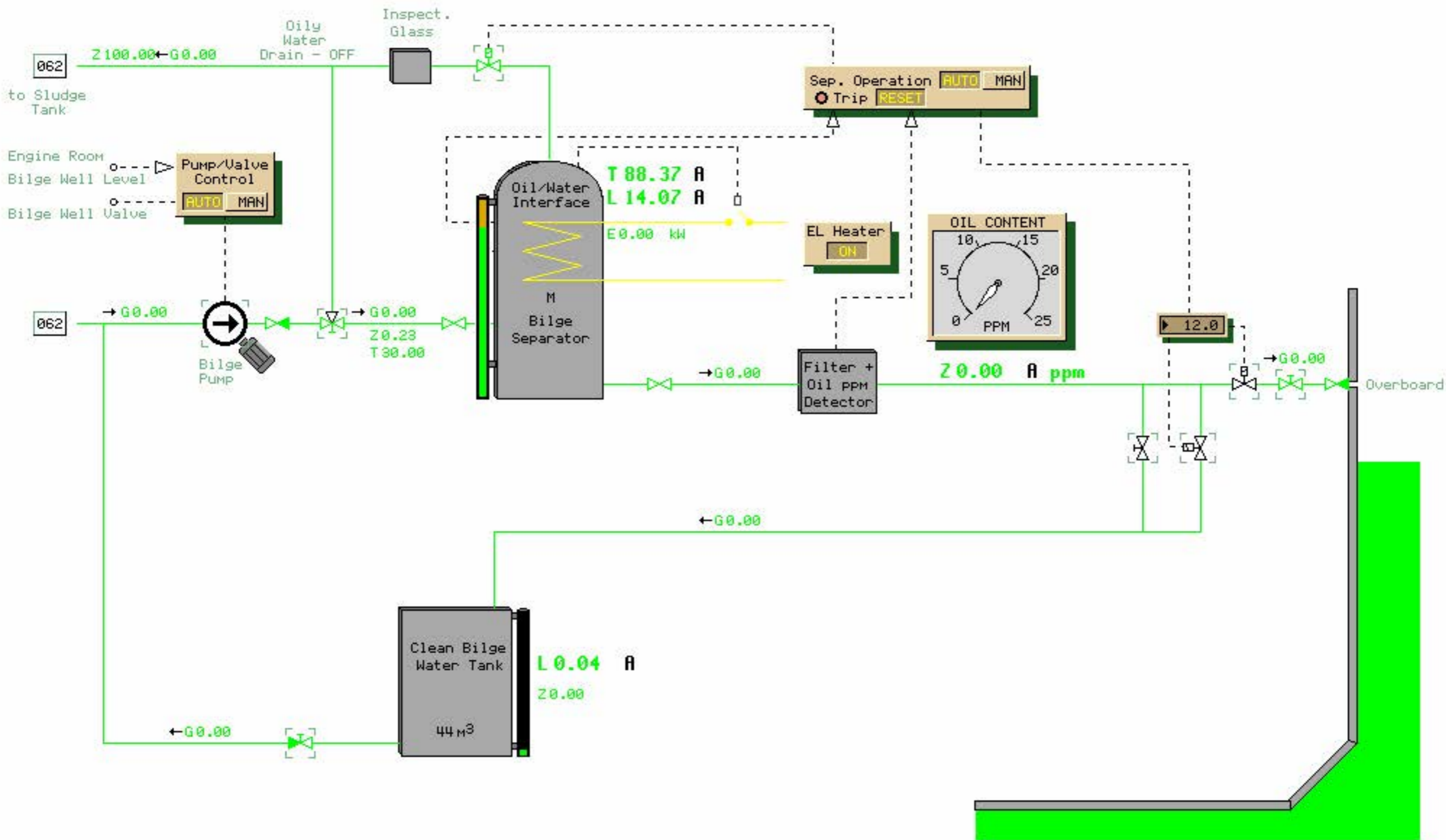


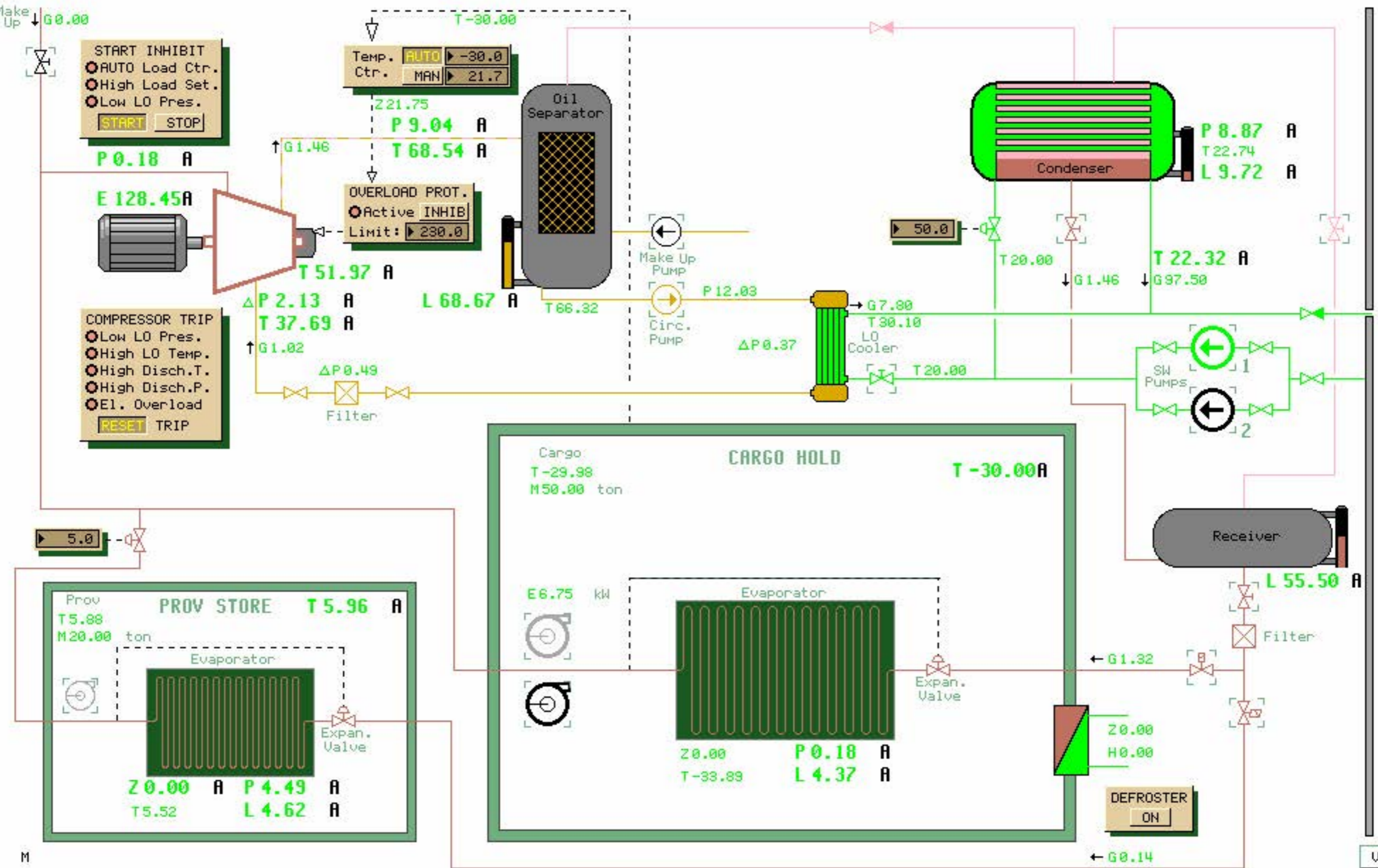
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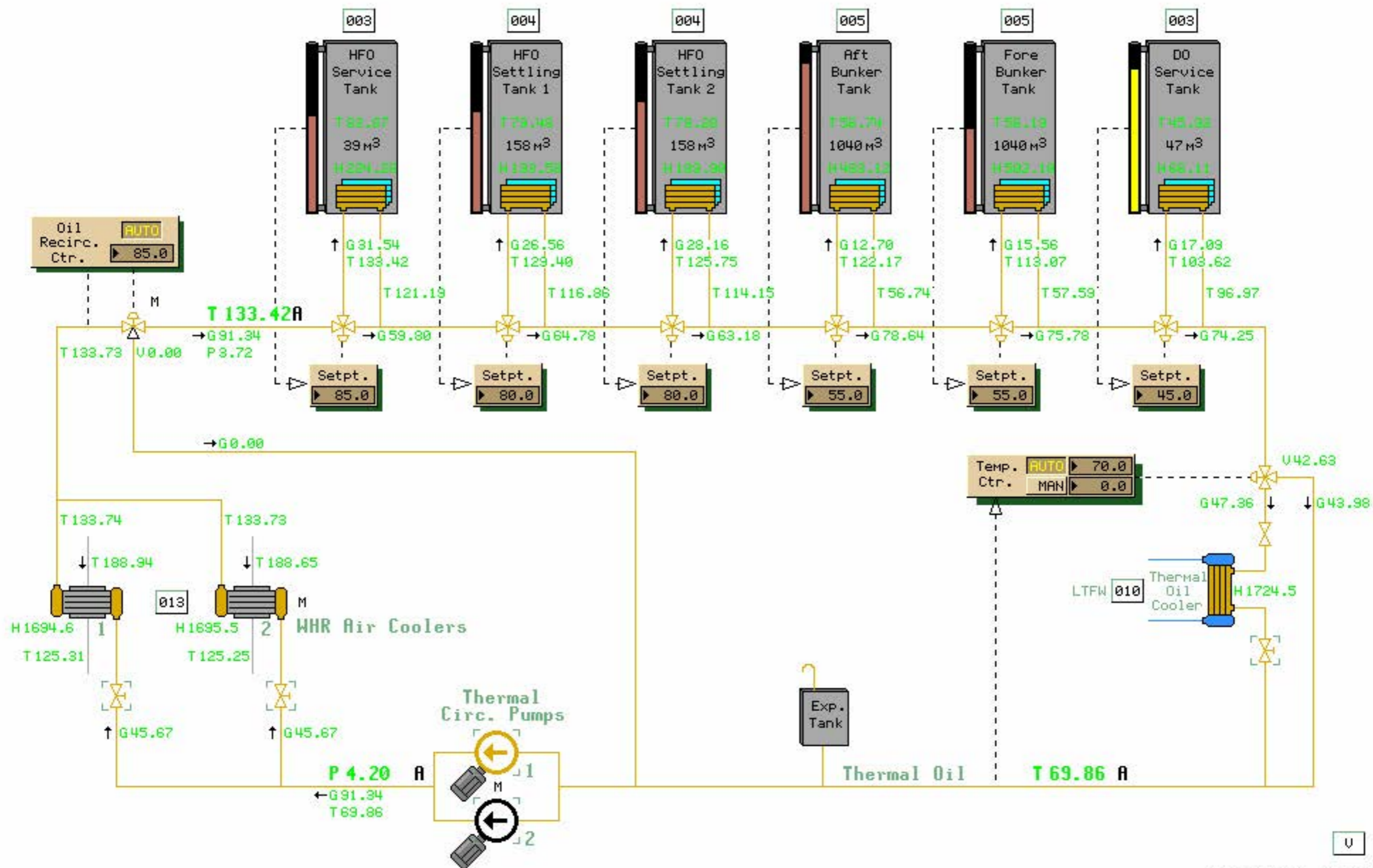
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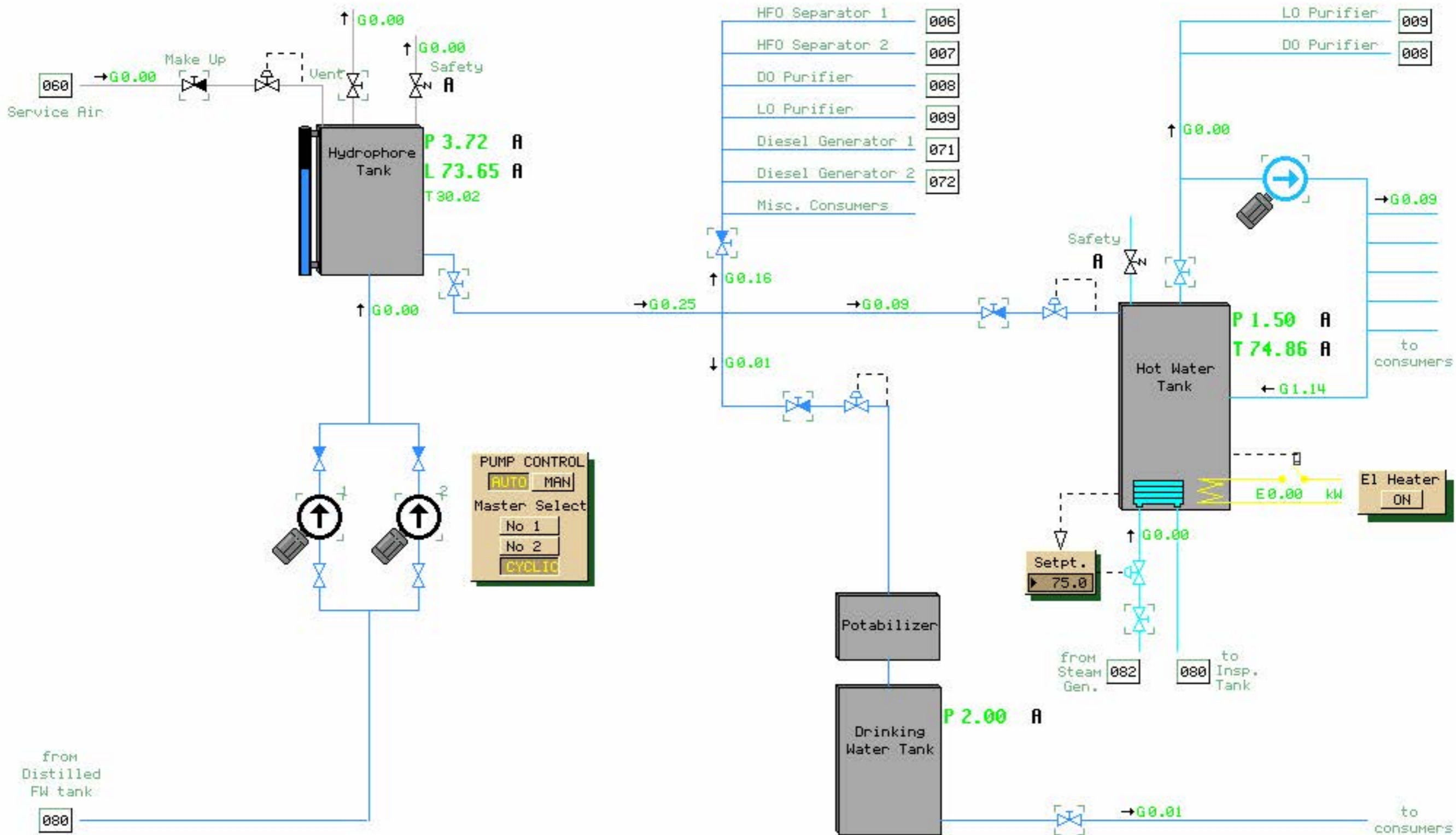


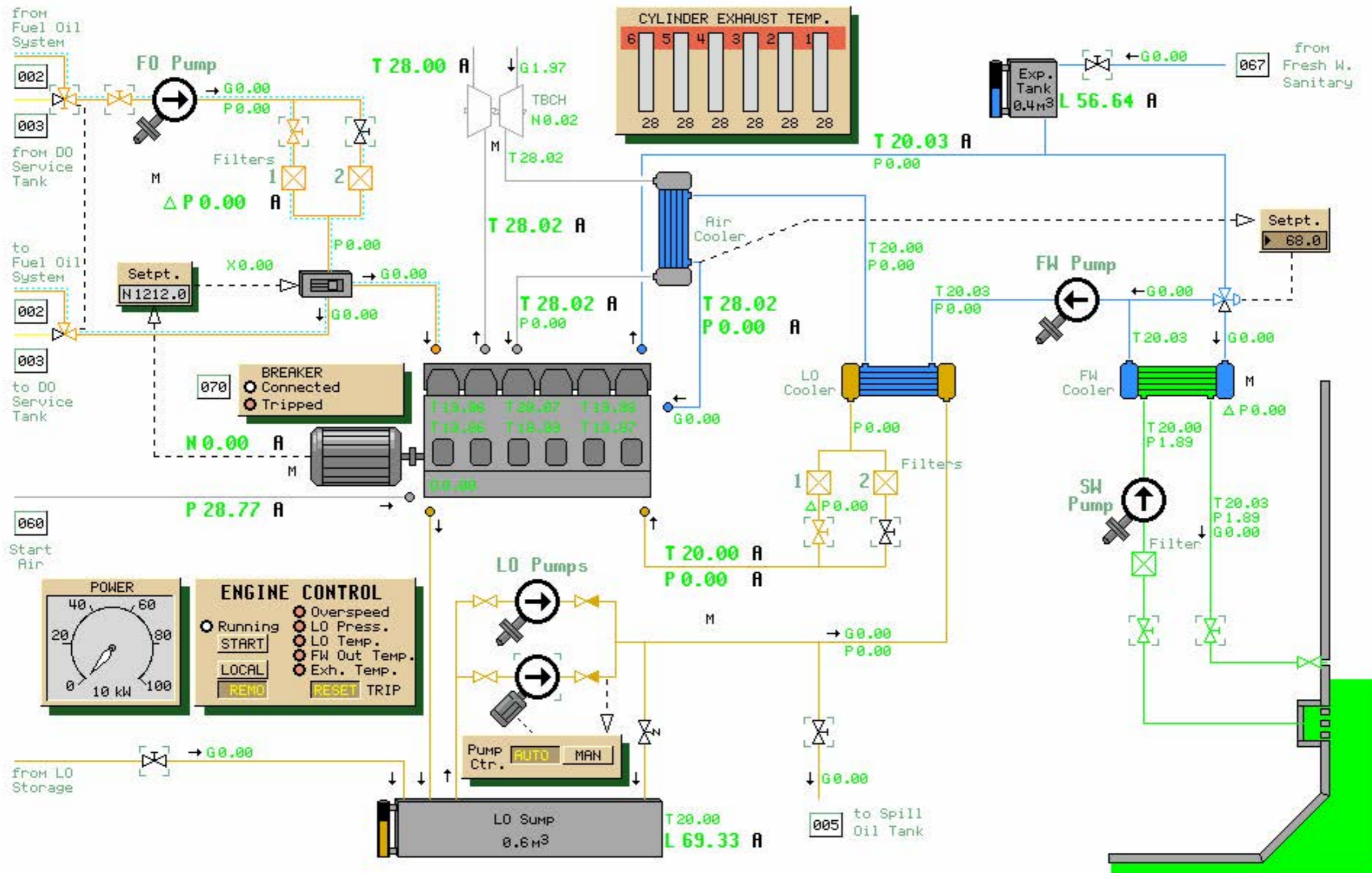


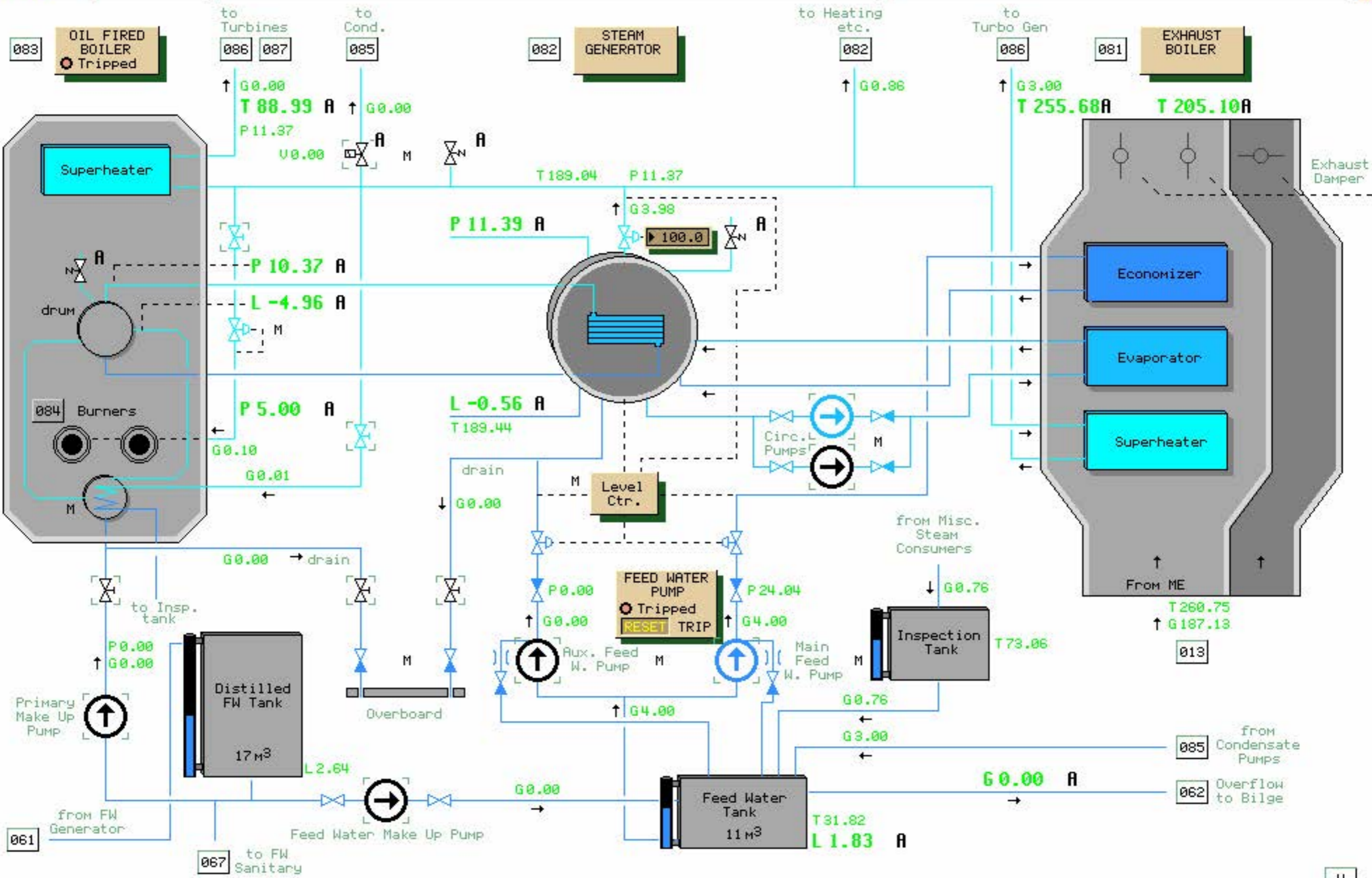










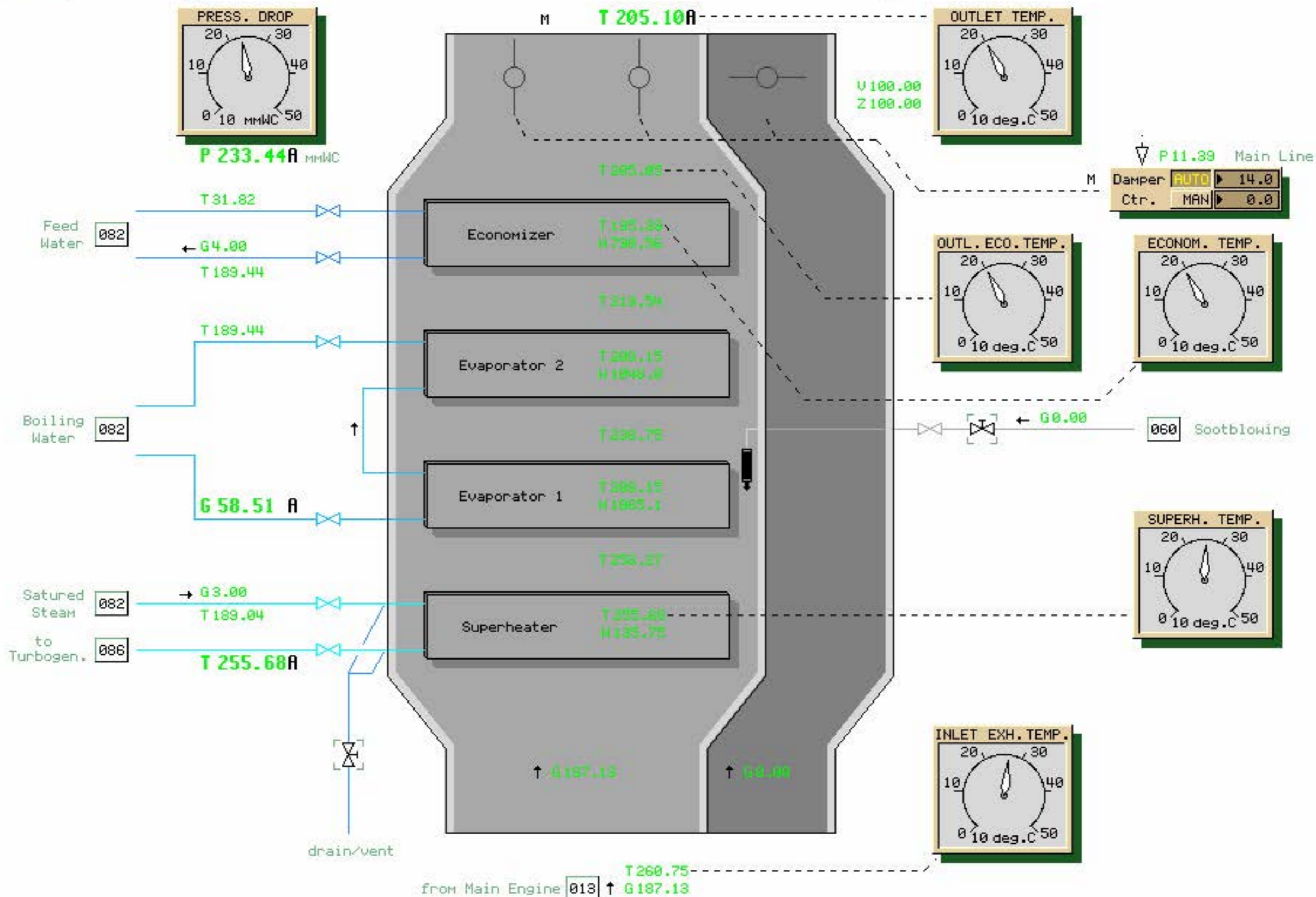


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Freeze

Picture
MD 81

Exhaust Boiler

Alarm
Group



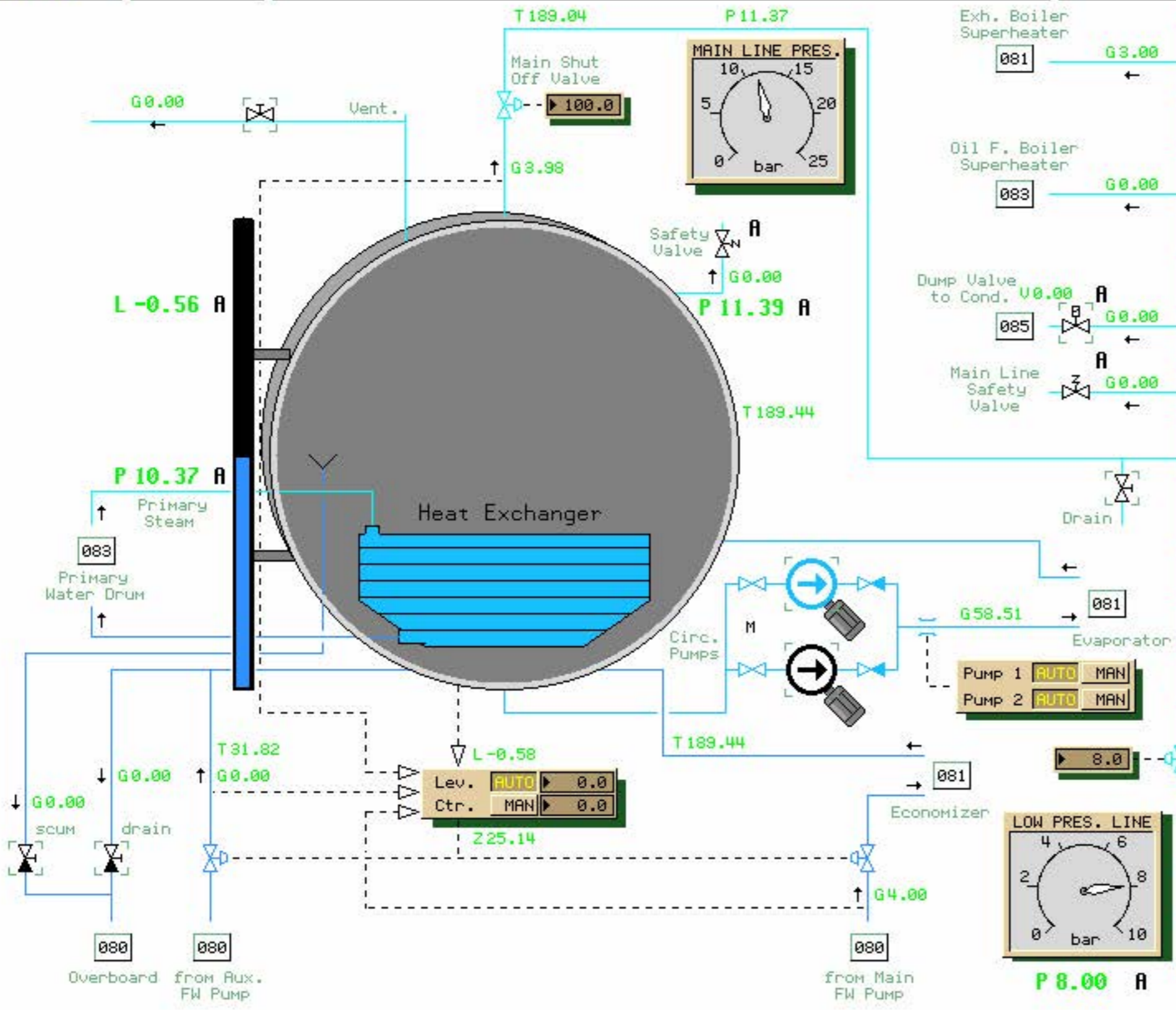
U

00:00:00
Freeze

Picture
MD 82

Steam Generator

Alarm
Group

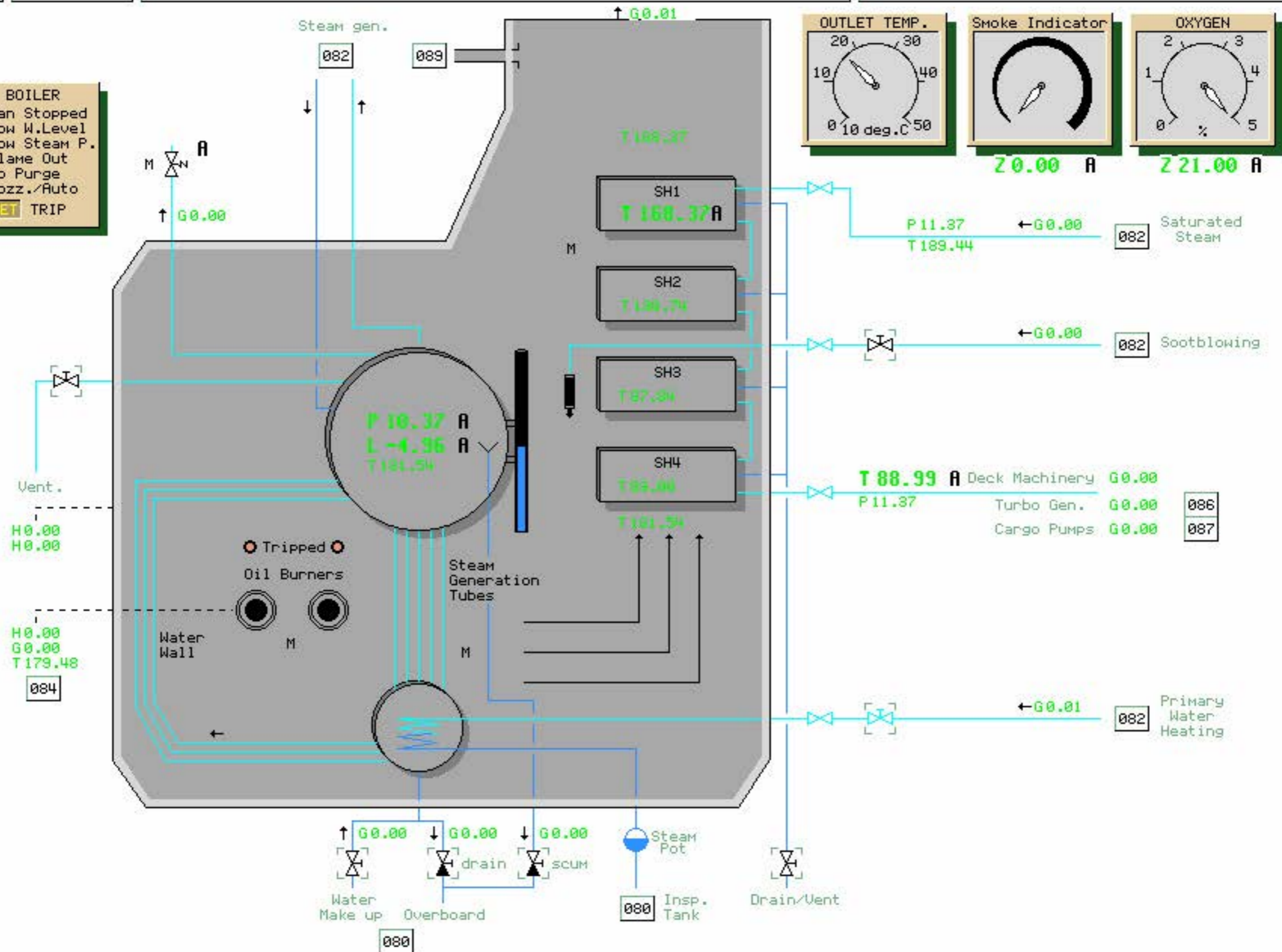


Exh. Boiler Superheater	081	G3.00	Oilfired B. Sootblowing	→	083
			Bunker Tank Heating	→	005
			Settl. Tank 1 Heating	→	004
Oil F. Boiler Superheater	083	G0.00	Settl. Tank 2 Heating	→	004
			Service Tank Heating	→	003
			FO Line Heating	→	002
			Prim. Water Heating	→	083
			Atomizing Steam	→	084
			Boiler FO Heater	→	084
			ME FO Heaters	→	002
			ME Preheater	→	010
			Sanitary Water Heating	→	067
			Accommodation	→	
			HFO Separator Heater	→	006
			DO Purifier Heater	→	008
			LO Purifier Heater	→	009

U



- BOILER**
- Fan Stopped
 - Low W.Level
 - Low Steam P.
 - Flame Out
 - No Purge
 - Nozz./Auto
- RESET** TRIP



OUTLET TEMP.

20 30 40 50
10 deg.C

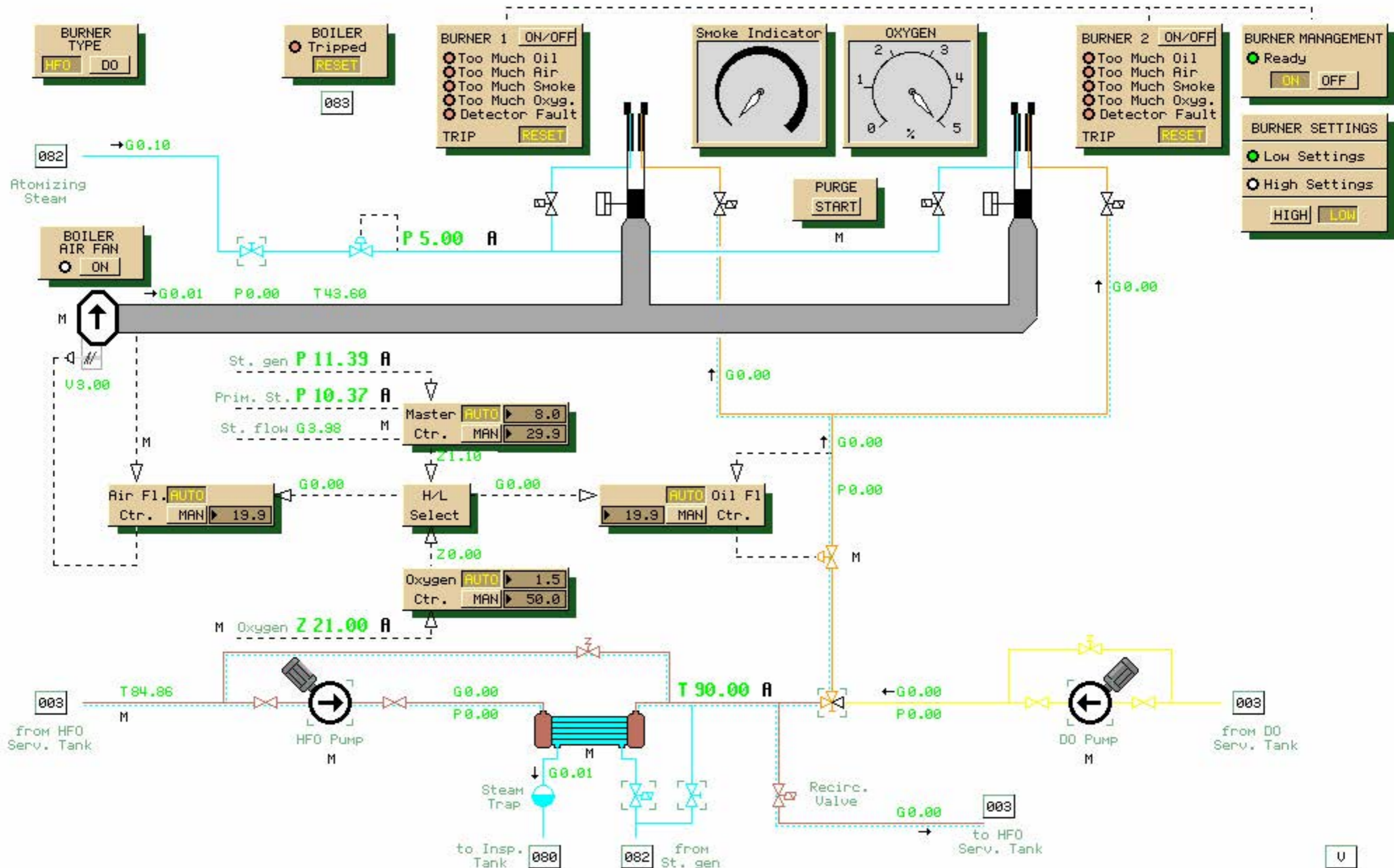
Smoke Indicator

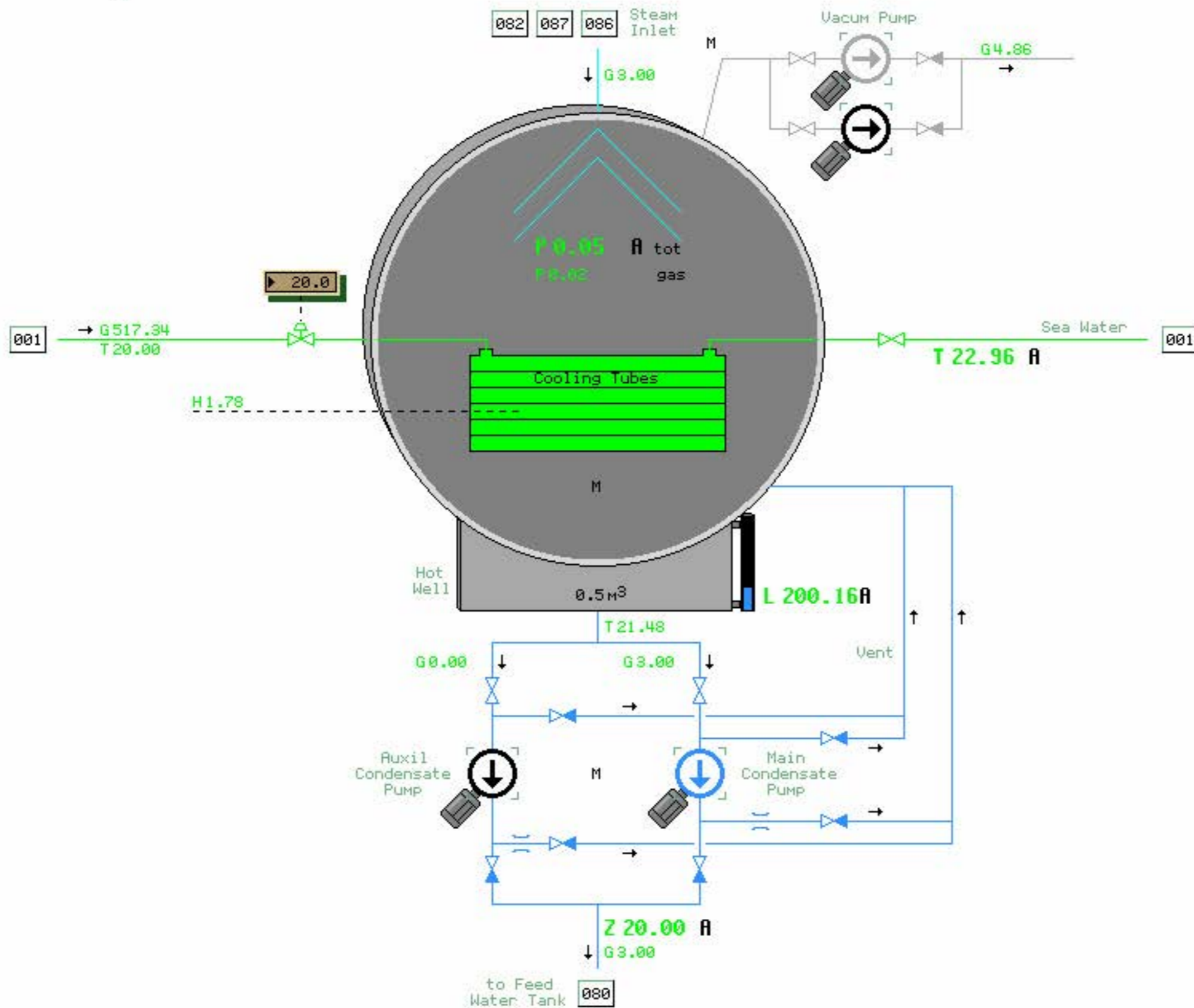
20.00 A

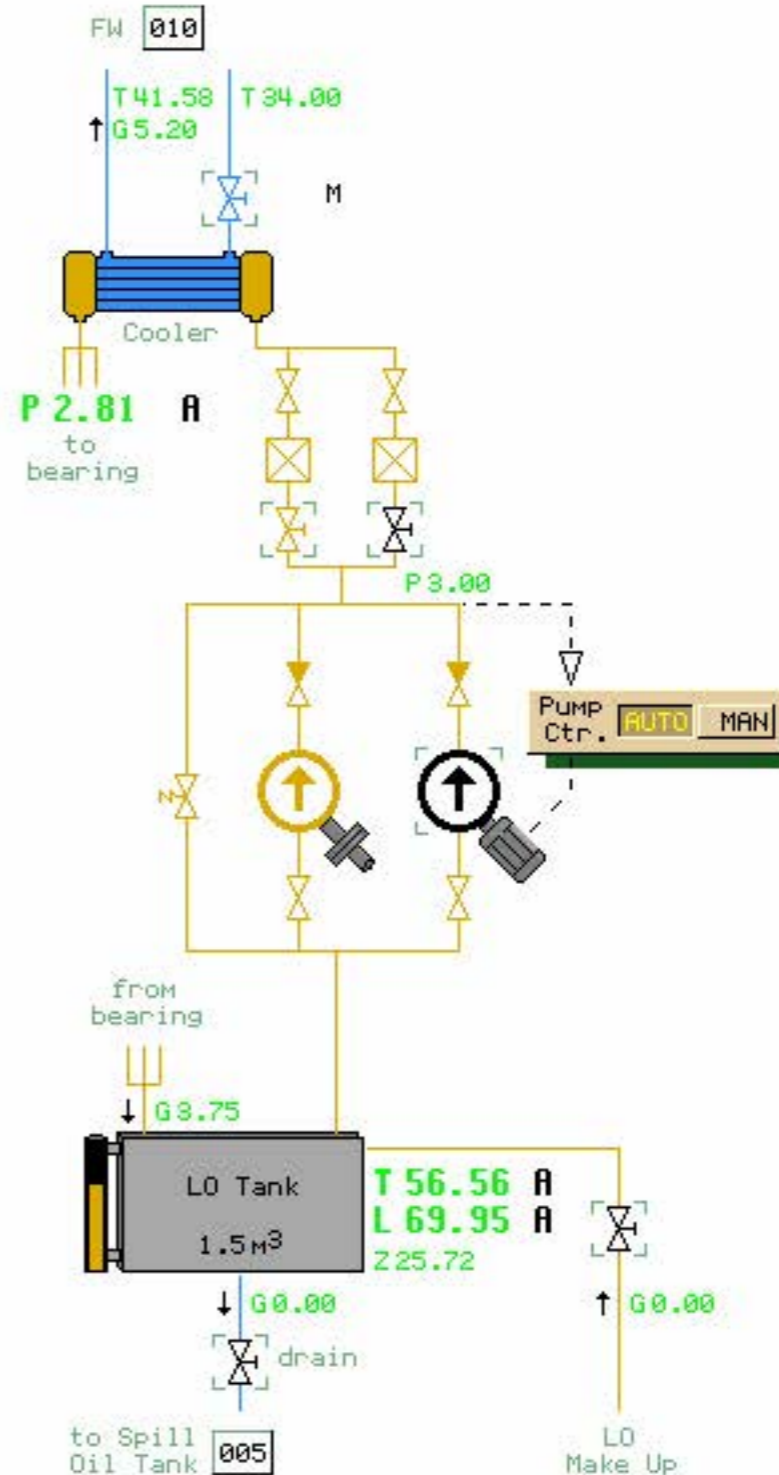
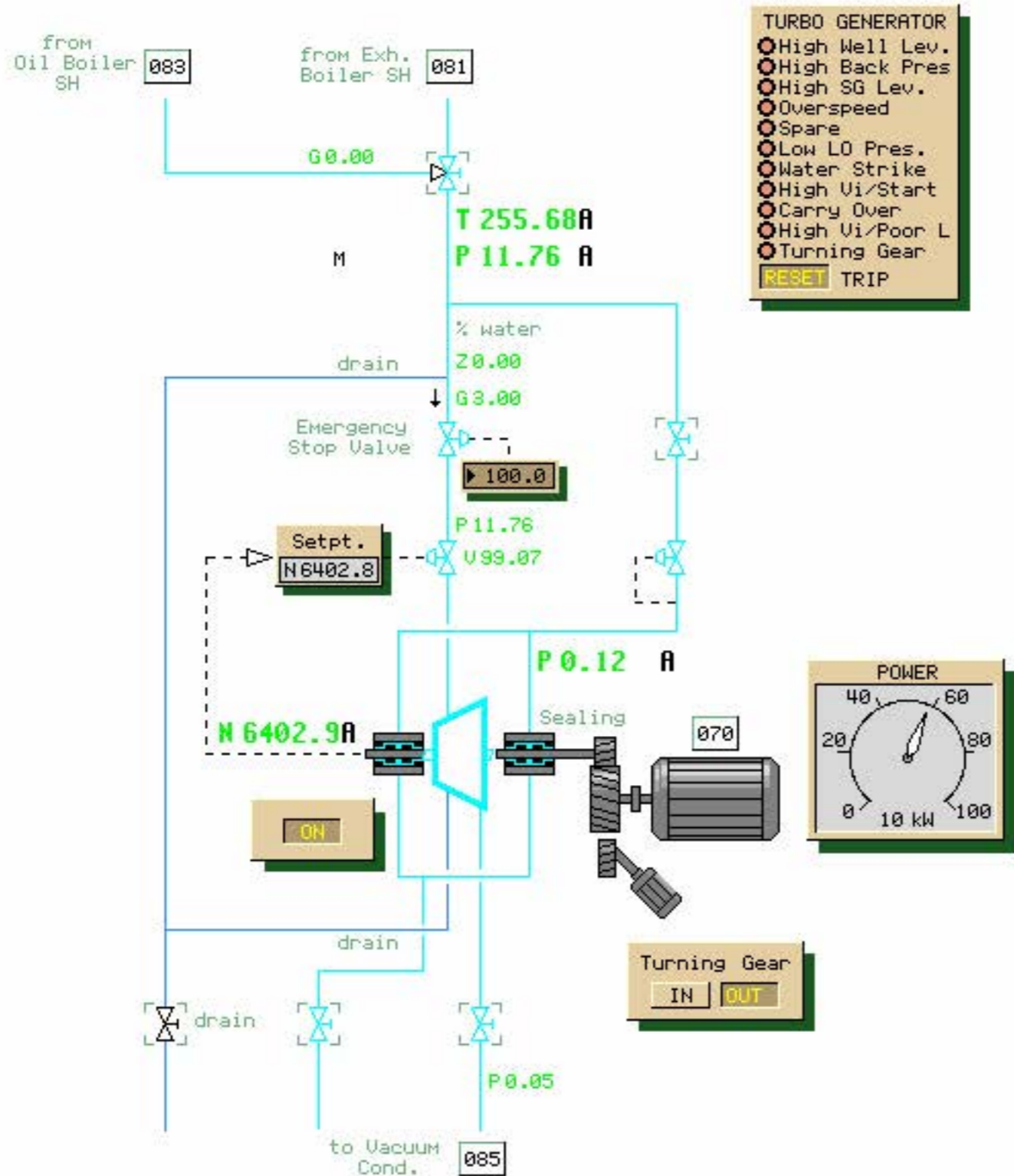
OXYGEN

2 3 4 5
1 2 3 4 5

21.00 A

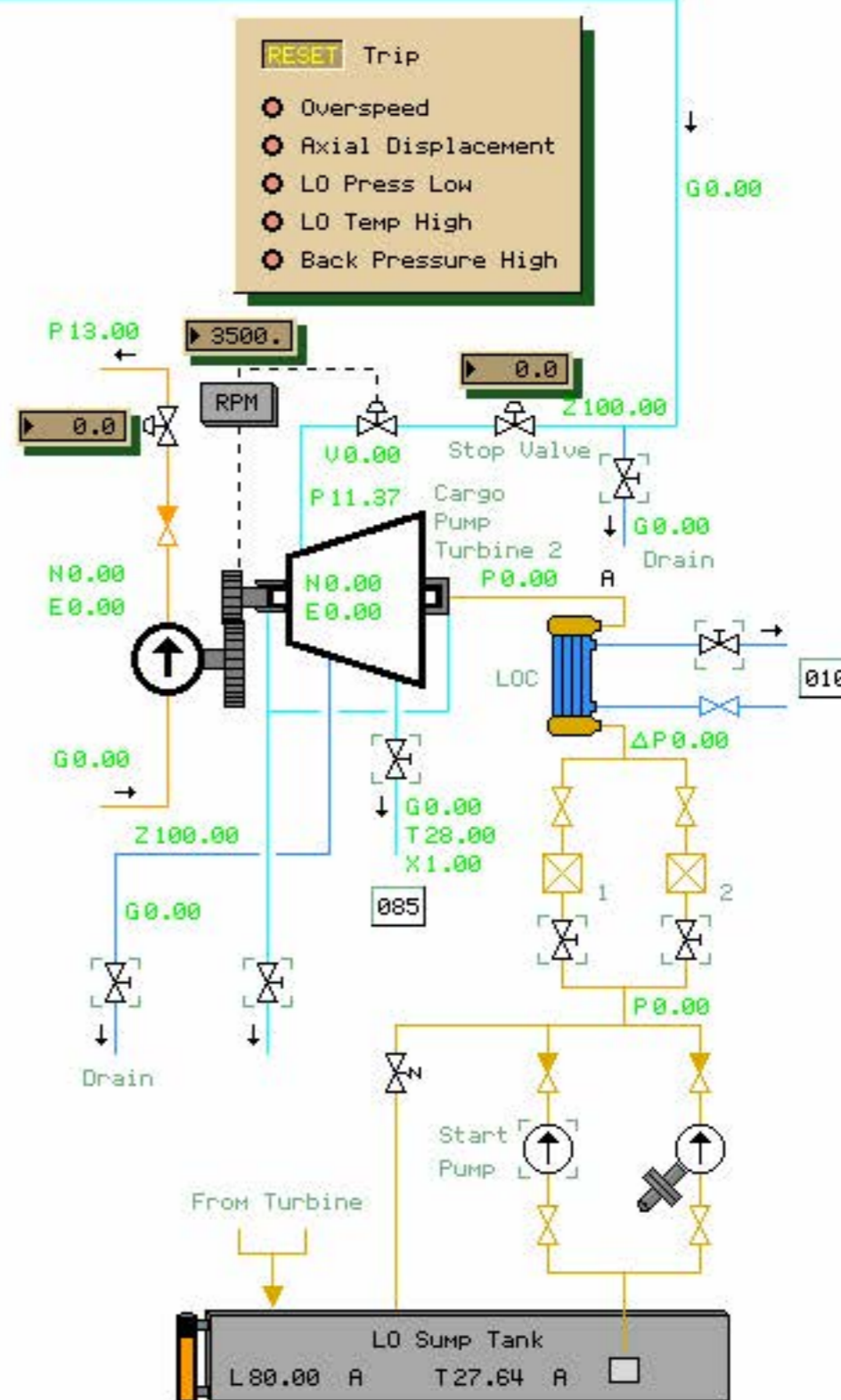
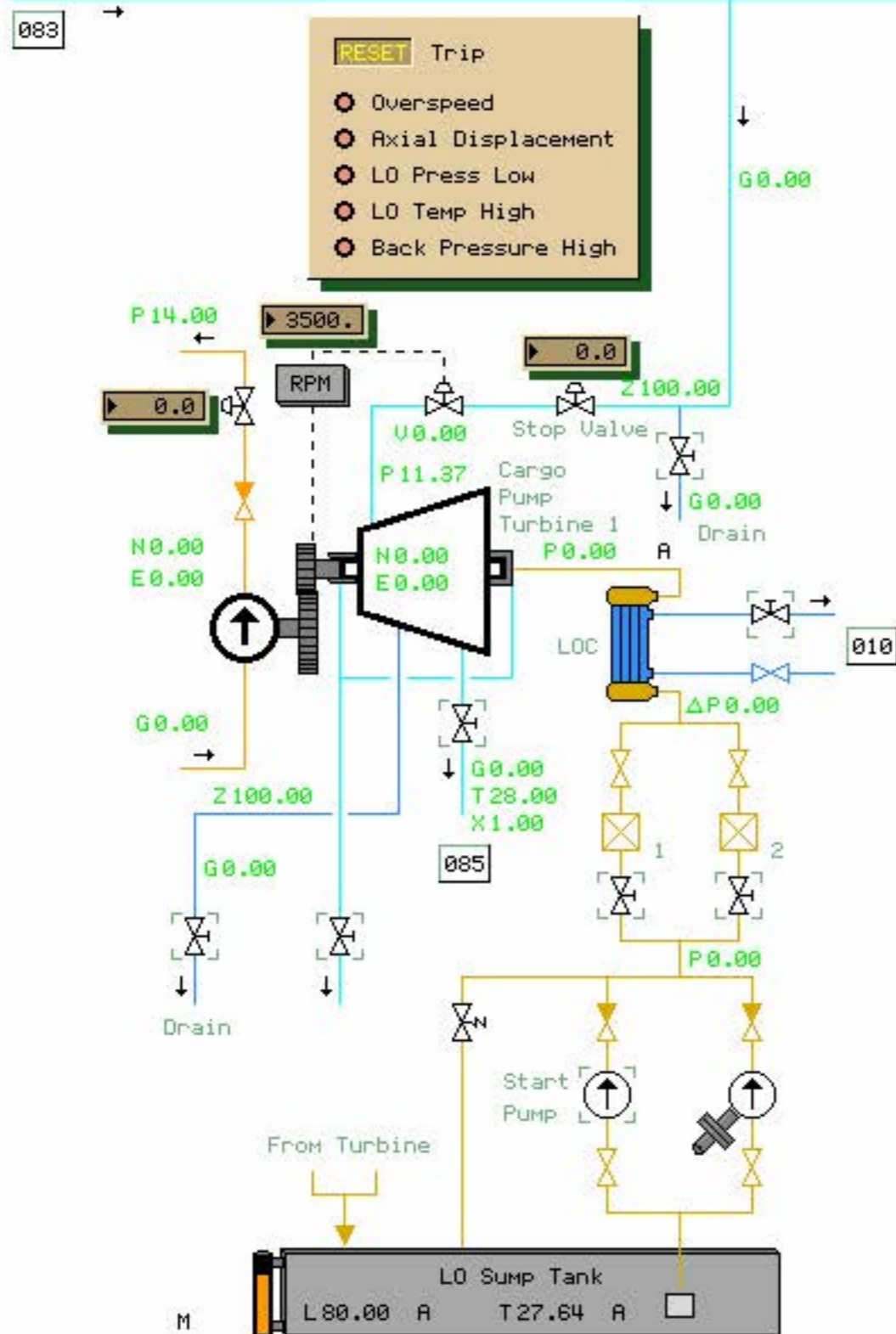


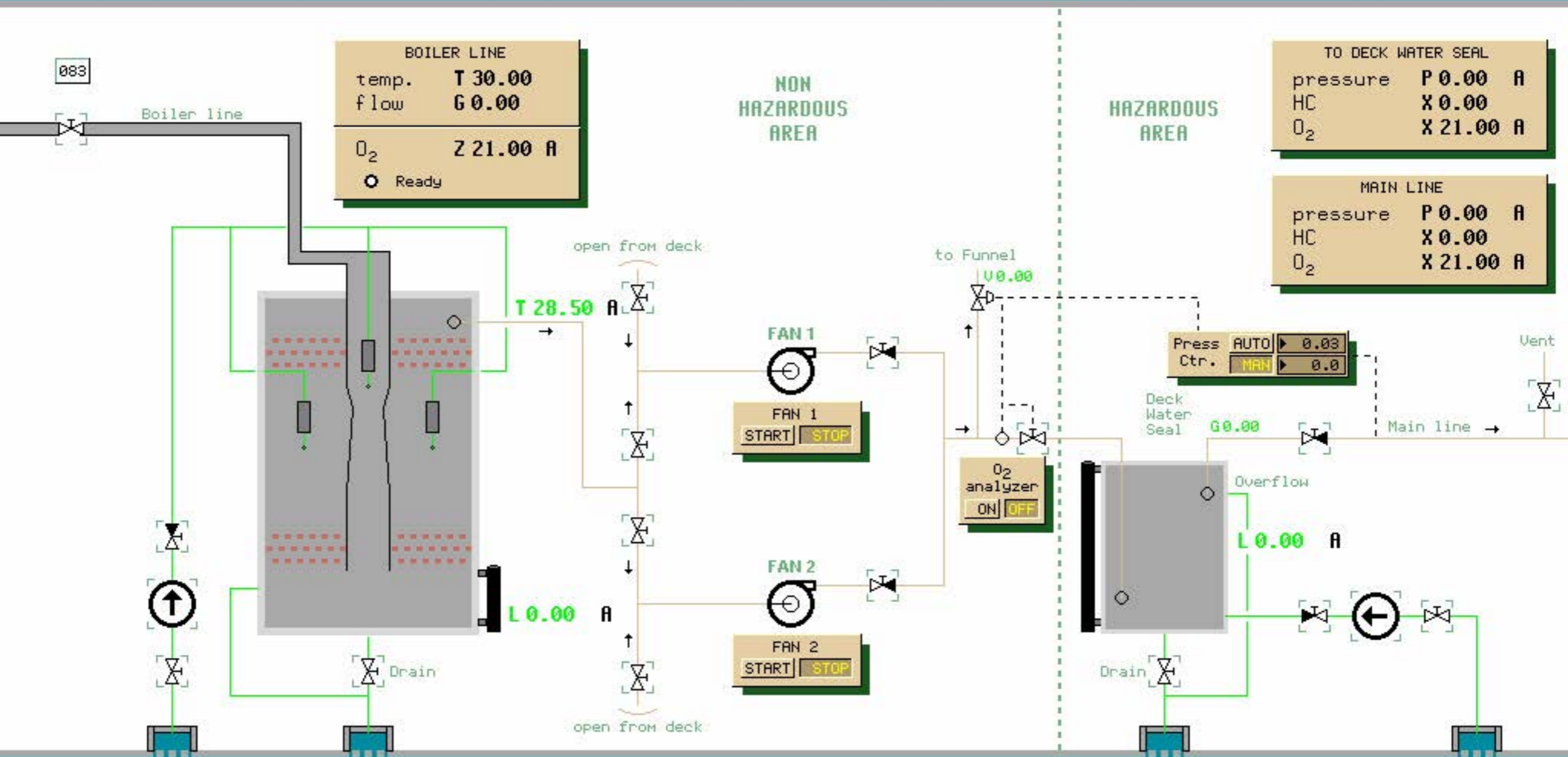






From Oil Boiler SH T 88.99 A P 11.37 G 0.00







TRACKER BALL		SYMBOL	OUTPUT	INPUT	SYMBOL	OUTPUT	INPUT	
			Current value of a tag	SELECT: - show descr. text - enter new value		Unspecified valve		
COLOURS 			Digital output value with alarm PREFIX Characters: C - constant D - density E - power/isolation F - frequency G - flow H - heat transfer I - current L - level M - mass N - speed P - pressure Q - force R - pump (fan) state T - temperature U - valve state/voltage W - viscosity X - position (state) Z - signal/concentration	SELECT: - show descr. text ACTIVE: - acknowledge alarm		Check valve		
STATIC SYMBOLS 						Digital output value without alarm PREFIX Characters: (See above)	SELECT: - show descr. text	
			If instructor level and active malf. in group: M is lighting yellow	ACTIVE/SELECT/PASSIVE: - show malf. page				
			Picture number	SELECT: - Change picture		3 way choke valve		
			Light emitting diode: - ON (Steady light) - OFF (No light) - Change (Blinking)			ON/OFF valve	SELECT: - show descr. text ACTIVE: - Open valve PASSIVE: - Close valve	
			OUTPUT field: - RUNNING (Coloured text) - NOT RUNNING (Black text)			Solenoid valve		
			INPUT/OUTPUT field: - STARTED (Coloured text) - NOT STARTED (Black text)	SELECT: - show descr. text - START		3 way ON/OFF valve	SELECT: - show descr. text ACTIVE: - Start PASSIVE: - Stop	
						3 way solenoid valve		
						Fan	SELECT: - show descr. text ACTIVE: - Start PASSIVE: - Stop	
						Pump		
						Expansion tank. - Level is shown		
						Condition	SELECT: ON	
						Condition	SELECT: OFF	
						Condition	SELECT: ON or OFF (toggle)	
					CONTROLLERS 			SELECT, ACTIVE or PASSIVE on Contr. Window: - Show Contr. Window SELECT on other points: - show descr. text - select AUTO/MAN or - change value