


IO LIST

CUSTOMER: TBD
 GEOG JOB: TBD

REFERENCE:	
P&ID:	MG120-00010

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REV	DR	DATE	CK	DATE	APP	DATE	DESCRIPTION OF CHANGE
A	TSB	3/14/2014			MKG	3/14/2014	ADDED TAGS, TT-921, YY-360, YS-360, SC-360. TAG TT-313 NOW 316, TAG TT-3442 NOW 3542, TAG TT-3444 NOW 3544.
0	JFK	12/11/2013					RELEASED FOR PRODUCTION

 GE Oil & Gas	DR	JFK	12/11/2013	NAME		IO LIST	
	CK	JFK	12/11/2013	CONTRACT			
	APP	JFK	12/11/2013	SHEET	PART NO	ISSUE	
				1/3	MG120-00901	A	

GE OIL & GAS NA DT-CN

ANALOG INPUTS (AI-921)								
CH	CNT.	NAME	TAGNAME	RANGE	SIGNAL	NOTES	PLC	LOCATION
0	1	PRESSURE, COMPR STAGE #1 SUCTION	PT-320	0-200 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
1	2	PRESSURE, BLOWDOWN TANK	PT-391	0-200 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
2	3	PRESSURE, COMPR STAGE #1 DISCHARGE	PT-326	0-300 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
3	4	PRESSURE, COMPR STAGE #2 DISCHARGE	PT-336	0-2000 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
4	5	PRESSURE, COMPR STAGE #3 DISCHARGE	PT-346	0-3000 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
5	6	PRESSURE, COMPR STAGE #4 DISCHARGE	PT-358	0-8000 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
6	7	PRESSURE, STORAGE HIGH	PT-362	0-8000 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
7	8	PRESSURE, STORAGE MEDIUM	PT-366	0-8000 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
8	9	PRESSURE, STORAGE LOW	PT-370	0-8000 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
9	10	PRESSURE, COMPR OIL	PT-532	0-200 PSIG	4-20 ma	WIKA	PLC-921	Compr Container
10								
11	1	VIBRATION, COMPR THROW 2	VT-330	0-1 IN/SEC	4-20 ma	BENTLEY NEVADA	PLC-921	Compr Container
12	2	VIBRATION, COMPR THROW 4	VT-331	0-1 IN/SEC	4-20 ma	BENTLEY NEVADA	PLC-921	Compr Container
13	3	VIBRATION, COMPR MOTOR	VT-332	0-1 IN/SEC	4-20 ma	BENTLEY NEVADA	PLC-921	Compr Container
14	1	ANALYZER, DEWPOINT, DRYER OUT	AT-316	-148 to 68 DegF	4-20 ma	COSA	PLC-921	Compr Container
15	2	ANALYZER, LEL, COMPR CONTAINER	AT-900	0-100% LEL	4-20 ma	MSA	PLC-921	Compr Container
ANALOG INPUTS (AI-922)								
CH	CNT.	NAME	TAGNAME	RANGE	SIGNAL	NOTES	PLC	LOCATION
0	1	TEMPERATURE, COMPR STAGE #1 SUCTION	TT-320	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
1	2	TEMPERATURE, COMPR STAGE #1 DISCHARGE	TT-324	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
2	3	TEMPERATURE, COMPR STAGE #2 DISCHARGE	TT-334	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
3	4	TEMPERATURE, COMPR STAGE #3 DISCHARGE	TT-344	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
4	5	TEMPERATURE, COMPR STAGE #4 DISCHARGE	TT-354	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
5	6	TEMPERATURE, COMPR DISCHARGE	TT-358	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
6	7	TEMPERATURE, COMPR OIL	TT-526	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
7	8	TEMPERATURE, COMPR CONTAINER INTERIOR	TT-920	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
8	9	TEMPERATURE, COMPR STAGE #4 (THROW 2 CE)	TT-3542	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
9	10	TEMPERATURE, COMPR STAGE #4 (THROW 4 CE)	TT-3544	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
10	11	TEMPERATURE, DRYER INSULATION	TT-313	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container
11	12	TEMPERATURE, OUTSIDE AMBIENT	TT-921	-50 to 400 DegF	4-20 ma	JMS & PYROMATION	PLC-921	Compr Container Exterior
12								
13								
14								
15								
DISCRETE INPUTS (DI-921)								
CH	CNT.	NAME	TAGNAME	RANGE	SIGNAL	NOTES	PLC	LOCATION
0	1	STATUS, EMERGENCY SHUTDOWN CIRCUIT	ESD-900	on/off	24 vdc (120V coil relay)	0V = ESD circuit open	PLC-921	Remote Pwr & Control Pnl's
1	1	RELAY, POWER LOSS	JSLL-901	on/off	24 vdc (120V coil relay)	UPS relay open=pwr loss	PLC-921	Remote Power Panel
2	2	STATUS, MAIN BREAKER	YS-910	on/off	24 vdc (120V coil relay)	0V = Breaker open	PLC-921	Control Panel
3	1	RUN STATUS, COMPRESSOR	YS-330	on/off	24 vdc (120V coil relay)	Bypass contactor aux	PLC-921	Remote Power Panel
4	2	RUN STATUS, GAS COOLER	YS-340	on/off	24 vdc (120V coil relay)	Contactor terms 13 14	PLC-921	Remote Power Panel
5	3	RUN STATUS, OIL COOLER	YS-520	on/off	24 vdc (120V coil relay)	Contactor terms 13 14	PLC-921	Remote Power Panel
6	4	RUN STATUS, PRELUBE PUMP	YS-511	on/off	24 vdc (120V coil relay)	Contactor terms 13 14	PLC-921	Remote Power Panel
7					24 vdc (120V coil relay)			
8	1	RELAY, LEL WARNING	ASH-900	on/off	24 vdc	MSA	PLC-921	Compr Container
9					24 vdc			
10	1	SWITCH, LEVEL LO LO, MAKEUP OIL	LSLL-530	on/off	24 vdc	Murphy (integral w/valve)	PLC-921	Compr Container
11	2	SWITCH, LEVEL LO LO, OIL SUPPLY	LSLL-536	on/off	24 vdc	Dwyer (1" tee)	PLC-921	Compr Container
12	1	SWITCH, FLOW LO LO, THROW 2/4 LUBE	FSLL-538	on/off	24 vdc	CPI, Timed pulse	PLC-921	Compr Container
13	2	SWITCH, FLOW LO LO, THROW 1/3 LUBE	FSLL-539	on/off	24 vdc	CPI, Timed pulse	PLC-921	Compr Container
14					24 vdc			
15					24 vdc			

DISCRETE OUTPUTS (DO-921)								
<u>CH</u>	<u>CNT.</u>	<u>NAME</u>	<u>TAGNAME</u>	<u>RANGE</u>	<u>SIGNAL</u>	<u>NOTES</u>	<u>PLC</u>	<u>LOCATION</u>
0	1	VALVE, COMPR INLET	FY-319	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Compr Container
1	2	VALVE, BLOWDOWN OUT	FY-394	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Compr Container
2	3	VALVE, COMPR STAGE #1 DEPRESS	FV-329	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Compr Container
3	4	VALVE, COMPR STAGE #2 DEPRESS	FV-339	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Compr Container
4	5	VALVE, COMPR STAGE #3 DEPRESS	FV-349	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Compr Container
5	6	VALVE, COMPR STAGE #4 DEPRESS	FV-359	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Compr Container
6	7	VALVE, STORAGE HIGH	FV-362	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Priority Panel
7	8	VALVE, STORAGE MEDIUM	FV-366	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Priority Panel
8	9	VALVE, STORAGE LOW	FV-370	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Priority Panel
9	10	VALVE, DIRECT FILL	FV-374	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Priority Panel
10	11	VALVE, SLOW FILL	FV-378	open/close	24 vdc relay coil	120 vac valve coil	PLC-921	Priority Panel
11	2	POSITIONER, LOUVERS, DRYER SIDE	YY-342	bypass/lube	24 vdc relay coil	120 vac actuator motor	PLC-921	Compr Container
12					24 vdc relay coil			
13					24 vdc relay coil			
14					24 vdc relay coil			
15					24 vdc relay coil			
DISCRETE OUTPUTS (DO-922)								
<u>CH</u>	<u>CNT.</u>	<u>NAME</u>	<u>TAGNAME</u>	<u>RANGE</u>	<u>SIGNAL</u>	<u>NOTES</u>	<u>PLC</u>	<u>LOCATION</u>
0	1	RELAY, OUTPUTS PERMISSIVE	CR-901	on/off	24 vdc relay coil	Dry contact	PLC-921	Remote Power Panel
1	1	LIGHT, ALARM BEACON/HORN	LT-915	on/off	24 vdc relay coil	120 vac to alarm	PLC-921	Field installed by others
2	1	POSITIONER, LOUVERS, TOP	YY-341	open/close	24 vdc relay coil	120 vac actuator motor	PLC-921	Compr Container
3	1	MOTOR, COMPRESSOR (& OIL HEATER)	YY-330	on/off	24 vdc relay coil	Dry contact to RVSS	PLC-921	Remote Power Panel
4	2	MOTOR, GAS COOLER	YY-340	on/off	24 vdc relay coil	120 vac contactor coil	PLC-921	Remote Power Panel
5	3	MOTOR, OIL COOLER	YY-520	on/off	24 vdc relay coil	120 vac contactor coil	PLC-921	Remote Power Panel
6	4	MOTOR , PRELUBE (& OIL HEATER)	YY-511	on/off	24 vdc relay coil	120 vac contactor coil	PLC-921	Remote Power Panel
7	1	HEATER, CONTAINER SPACE	YY-350	on/off	24 vdc relay coil	Dry Contact to Controls	PLC-921	Compr Container
ETHERNET TAGS SC-360								
<u>CH</u>	<u>CNT.</u>	<u>NAME</u>	<u>TAGNAME</u>	<u>RANGE</u>	<u>SIGNAL</u>	<u>NOTES</u>	<u>PLC</u>	<u>LOCATION</u>
N/A	1	MOTOR, COLD WEATHERN FAN	YY-360	on/off	ENET COMM TO VFD		PLC-921	Remote Power Panel
N/A	2	RUN STATUS, COLD WEATHER FAN	YS-360	on/off	ENET COMM FROM VFD		PLC-921	Remote Power Panel
N/A	3	SPEED, COLD WEATHER FAN	SC-360	10-60 HZ	ENET COMM TO VFD		PLC-921	Remote Power Panel