



CARGO SYSTEM VALVES

- 1 PUMP SUCTION VALVE
- 2 PUMP DISCHARGE VALVE
- 3 PUMP DISCHARGE CHECK VALVE
- 4 PRESSURE RELIEF VALVE
- 5 CARGO FILL/LOAD VALVE
- 6 PORT & STBD. HEADER VALVES
- 7 #1 PORT CARGO FILL/SUCTION VALVE
- 8 #1 STBD. CARGO FILL/SUCTION VALVE
- 9 #2 PORT CARGO FILL/SUCTION VALVE
- 10 #2 STBD. CARGO FILL/SUCTION VALVE
- 11 #3 PORT CARGO FILL/SUCTION VALVE
- 12 #3 STBD. CARGO FILL/SUCTION VALVE
- PU PUMP

VAPOR SYSTEM

- V1 VENT STACK VALVE
- V2 PRESS/VACUUM VALVE
- V3 VENT STACK
- V4 RAIN CAP
- V5 VAPOR SWIVEL JOINT
- V6 CARGO VAPOR HDR VALVE

STRIPPING SYSTEM

- 7A #1 PORT CARGO STRIPPING VALVE
- 7B #1 PORT CARGO AUX. STRIPPING VALVE
- 8A #1 STBD. CARGO STRIPPING VALVE
- 8B #1 STBD. CARGO AUX. STRIPPING VALVE
- 9A #2 PORT CARGO STRIPPING VALVE
- 9B #2 PORT CARGO AUX. STRIPPING VALVE
- 10A #2 STBD. CARGO STRIPPING VALVE
- 10B #2 STBD. CARGO AUX. STRIPPING VALVE
- 11A #3 PORT CARGO STRIPPING VALVE
- 11B #3 PORT CARGO AUX. STRIPPING VALVE
- 12A #3 STBD. CARGO STRIPPING VALVE
- 12B #3 STBD. CARGO AUX. STRIPPING VALVE
- 13 AUX. STRIPPING SHUTOFF VALVE
- 14 PUMPELL STRIPPING VALVE

CARGO LOADING

- A OPEN VALVES NO. 5,6,7,8,9,10,11 & 12
- B CLOSE VALVES NO. 2
- C VENT TANKS

CARGO DISCHARGE

- A OPEN VALVES NO. 2,6,7,8,9,10,11 & 12
- B CLOSE VALVES NO. 5
- C VENT TANKS

FMT 3027

REV	DATE	DESCRIPTION	SCALE	BY
REVISIONS				
BENTLEY SYSTEMS INTERNATIONAL, INC.				
207-F T-54-17 1 1/2" DOUBLE SKIN TANK BARGE				
CARGO PIPING DIAGRAM & VAPOR SYSTEM DIAGRAM				
SCALE:	NO.:	DATE:	REV. NO.:	REV. DATE:
DATE:	NO.:	DATE:	REV. NO.:	REV. DATE:
DATE:	NO.:	DATE:	REV. NO.:	REV. DATE:
J. RUSSELL FLOWERS, INC.				
207-F T-54-17 1 1/2" DOUBLE SKIN TANK BARGE				
CARGO PIPING DIAGRAM & VAPOR SYSTEM DIAGRAM				
SCALE:	NO.:	DATE:	REV. NO.:	REV. DATE:
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DATE:	NO.:	DATE:	REV. NO.:	REV. DATE: