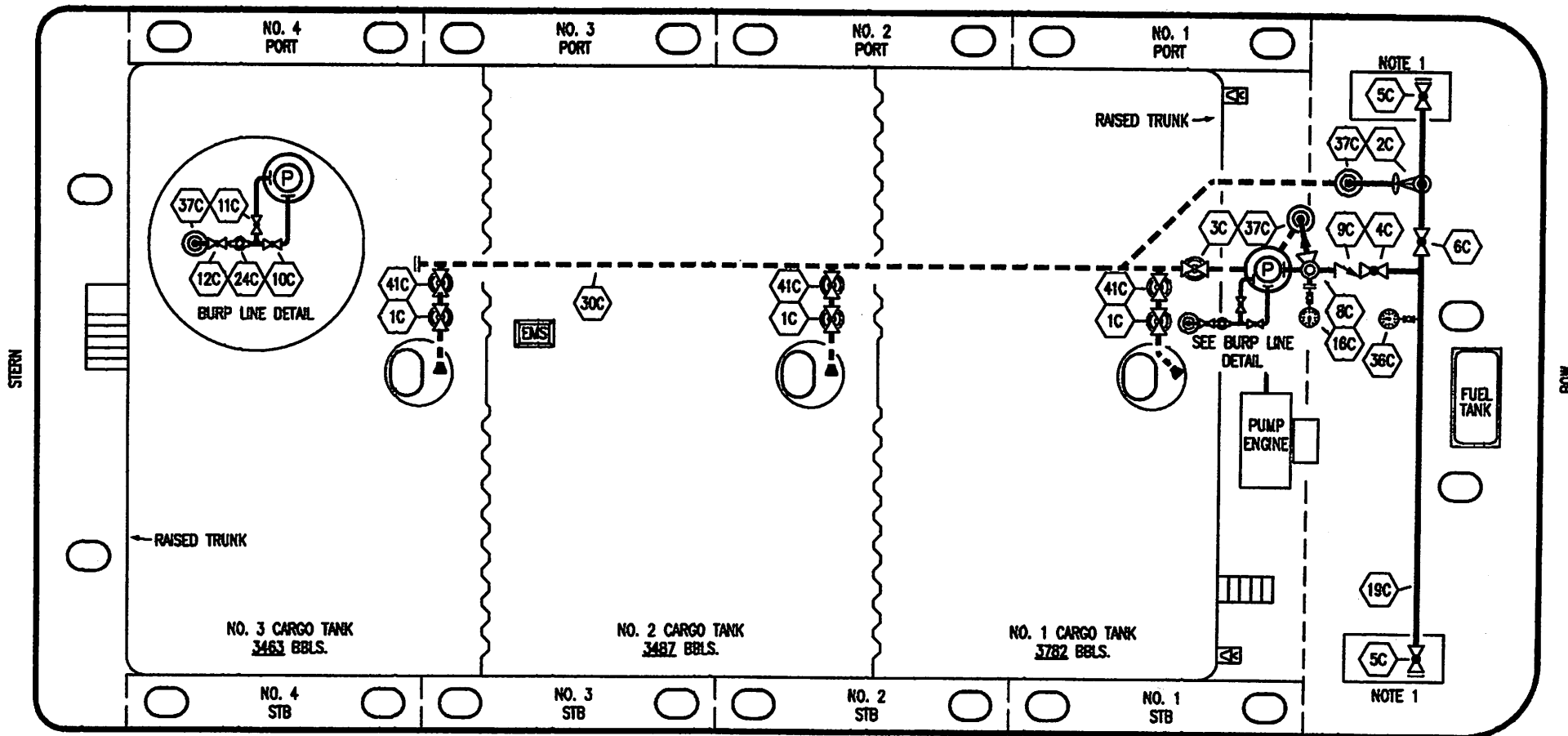


PORT



STARBOARD

NOTE 1: CONTAINMENT P/S

NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	12C	1" BURP VALVE RETURN TO CARGO TANK
2C	8" LOAD VALVE	16C	DISCHARGE PRESSURE GAUGE
3C	10" MASTER SUCTION VALVE	18C	8" CARGO HEADER
4C	8" DISCHARGE VALVE	24C	1" PIPE SIGHT GLASS
5C	8" HEADER VALVE	30C	10" CARGO PIPELINE
6C	8" SALVAGE VALVE	36C	PRESSURE GAUGE
8C	6" RELIEF VALVE	37C	CARGO DROP
8C	8" CHECK VALVE	41C	8" BLOCK VALVE
10C	1" BURP VALVE	---	ABOVE DECK PIPING
11C	1" BLEED OFF VALVE	---	BELOW DECK PIPING

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732

**KIRBY INLAND MARINE** 

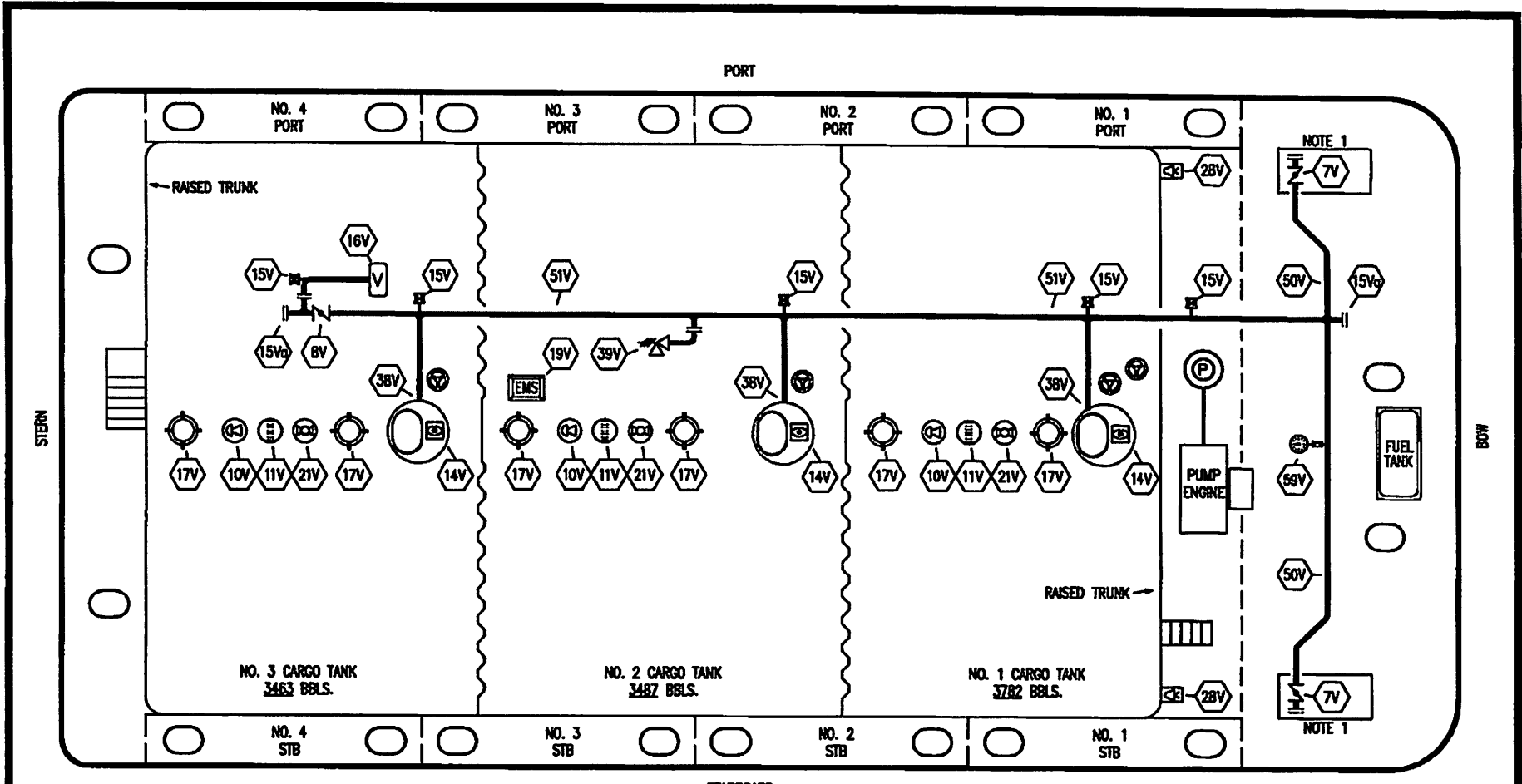
**CARGO  
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	11/09/15	BB	SC		REVISED PER CLIENT COMMENTS
0	01/08/10	RB	RJ		FOR APPROVAL

SCALE: NONE  
PAGE: 1 OF 3

**KIRBY 10226**

REV. **1**



- |           |                           |           |                            |
|-----------|---------------------------|-----------|----------------------------|
| <b>NO</b> | <b>DESCRIPTION</b>        | <b>NO</b> | <b>DESCRIPTION</b>         |
| 7V        | 8" HEADER VALVE           | 19V       | EMERGENCY ENGINE SHUT DOWN |
| 8V        | 8" VENT STACK VALVE       | 21V       | HERMETIC GAUGE             |
| 10V       | HIGH LEVEL/OVERFILL ALARM | 28V       | DOCK CONNECTION ALARM      |
| 11V       | GAUGE STICK               | 38V       | 6" PRESSURE/VACUUM VALVE   |
| 14V       | SIGHT GLASS W/GAUGE TREE  | 38V       | 6" VAPOR PENETRATION ☉     |
| 15V       | 2" INSPECTION PORT        | 50V       | 6" VAPOR HEADER            |
| 15Va      | 8" INSPECTION PORT        | 51V       | 8" VAPOR PIPELINE          |
| 16V       | 8" VAPOR VENT STACK       | 58V       | PRESS/VAC GAUGE            |
| 17V       | 20" BUTTERWORTH           | —         | ABOVE DECK PIPING          |

NOTE 1: CONTAINMENT P/S

TRINITY MARINE PRODUCTS — BARREL CAPACITY=10732

**KIRBY INLAND MARINE**

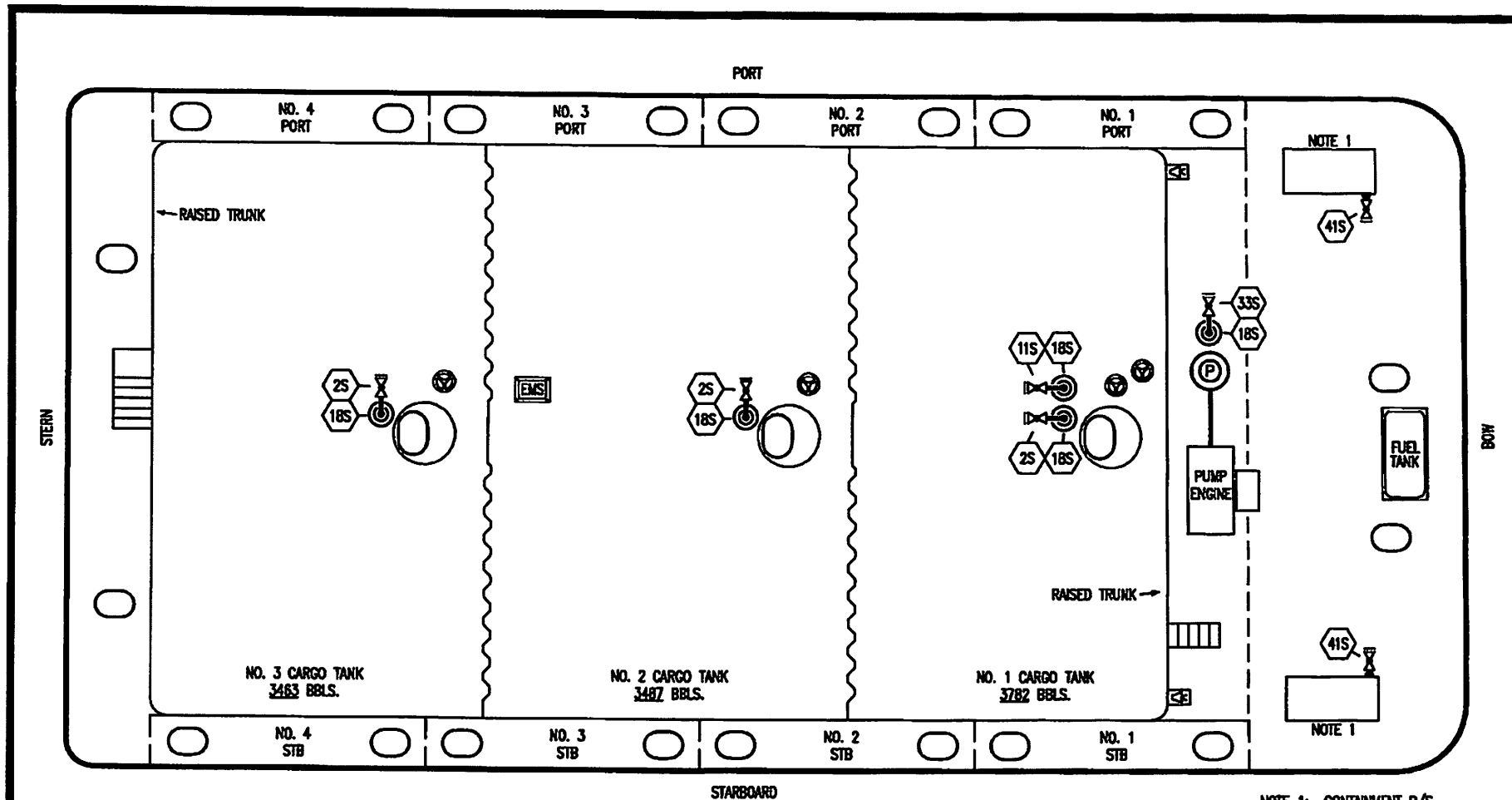
**VAPOR PIPING FLOW DIAGRAM**

**KIRBY 10226**


REV. **0**

0	01/08/10	RB	RB	RJ	FDR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION


SCALE: NONE  
PAGE: 2 OF 3



NOTE 1: CONTAINMENT P/S

- | NO  | DESCRIPTION  |
|-----|--|
| 2S  | CARGO SUMP SUCTION VALVE   |
| 11S | LOWER CARGO PIPELINE SUCTION VALVE   |
| 18S | STRIPPING DROP  |
| 33S | PUMP WELL SUCTION VALVE  |
| 41S | CONTAINMENT DRAIN VALVE W/ CAP   |

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732

						<b>KIRBY INLAND MARINE</b> 	
0	01/08/10	RB	RB	RJ	FOR APPROVAL	SCALE: NONE	<b>KIRBY 10226</b>
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	PAGE: 3 OF 3	