

NOTE 1: CONTAINMENT P/S

PORT

NO	DESCRIPTION	NO	DESCRIPTION
1B	BALLAST TANK VALVE	11C	1" BLEED OFF VALVE
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	19C	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
9B	SEA CHEST VALVE	---	ABOVE DECK PIPING
9C	8" CHECK VALVE	---	BELOW DECK PIPING

TRINITY MARINE PRODUCTS - BARREL CAPACITY=11492

**KIRBY INLAND MARINE**

**CARGO**

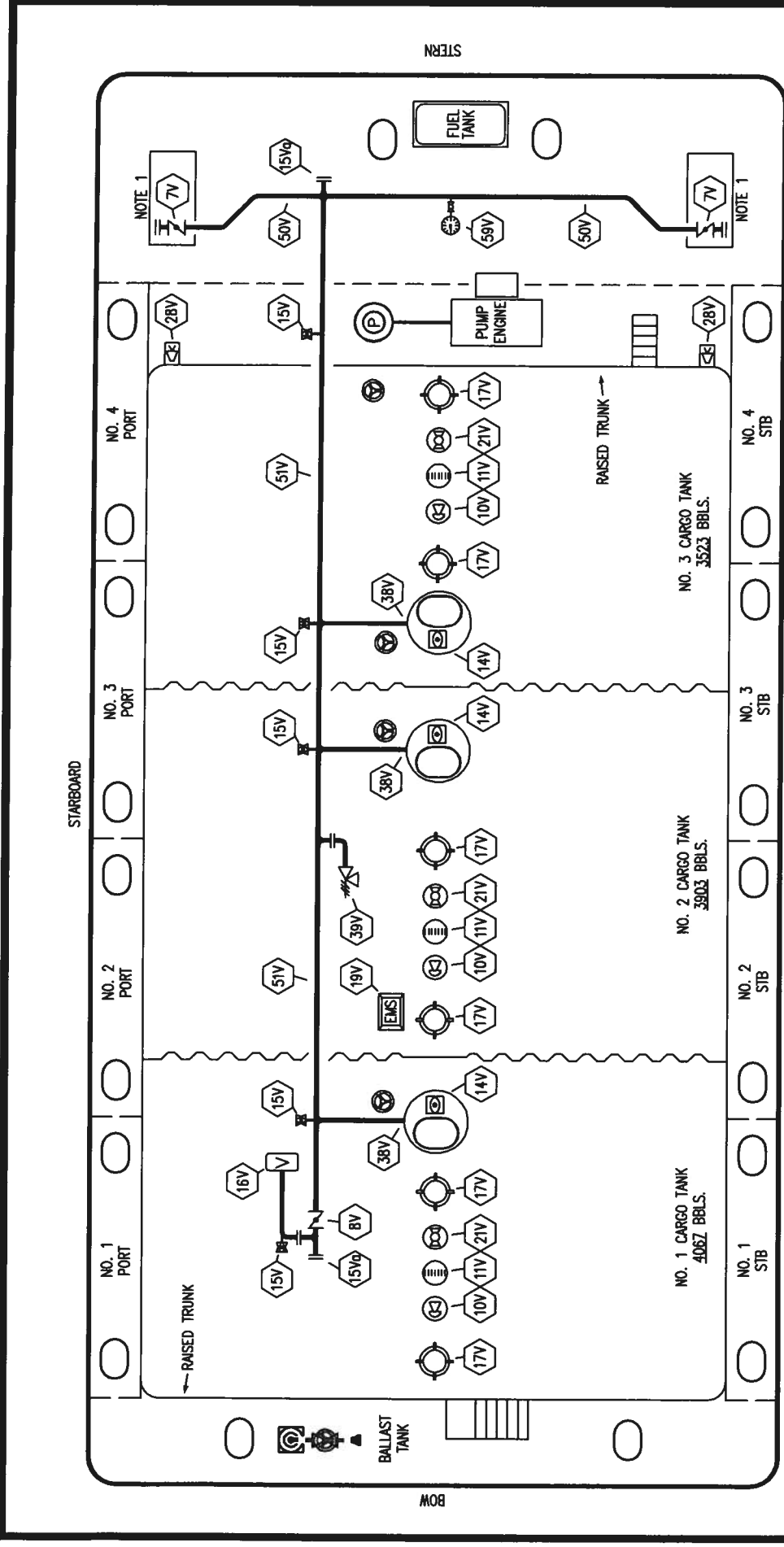
**PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	07/14/10	RB	OF		ADD BALLAST TANK
0	01/07/10	RB	RJ		FOR APPROVAL

SCALE: NONE      PAGE: 1 OF 3

KIRBY 11010B

REV. 1



NOTE 1: CONTAINMENT P/S

PORT

- |           |                           |           |                            |
|-----------|---------------------------|-----------|----------------------------|
| <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               | 39V       | 6" PRESSURE/VACUUM VALVE   |
| 14V       | SIGHT GLASS W/GAUGE TREE  | 38V       | 8" VAPOR PENETRATION       |
| 15V       | 2" INSPECTION PORT        | 50V       | 8" VAPOR HEADER            |
| 15Vg      | 8" INSPECTION PORT        | 51V       | 8" VAPOR PIPELINE          |
| 16V       | 8" VAPOR VENT STACK       | 59V       | PRESS/VAC GAUGE            |
| 17V       | 20" BUTTERWORTH           |           | ABOVE DECK PIPING          |

TRINITY MARINE PRODUCTS - BARREL CAPACITY=11492

**KIRBY INLAND MARINE**

**VAPOR PIPING FLOW DIAGRAM**

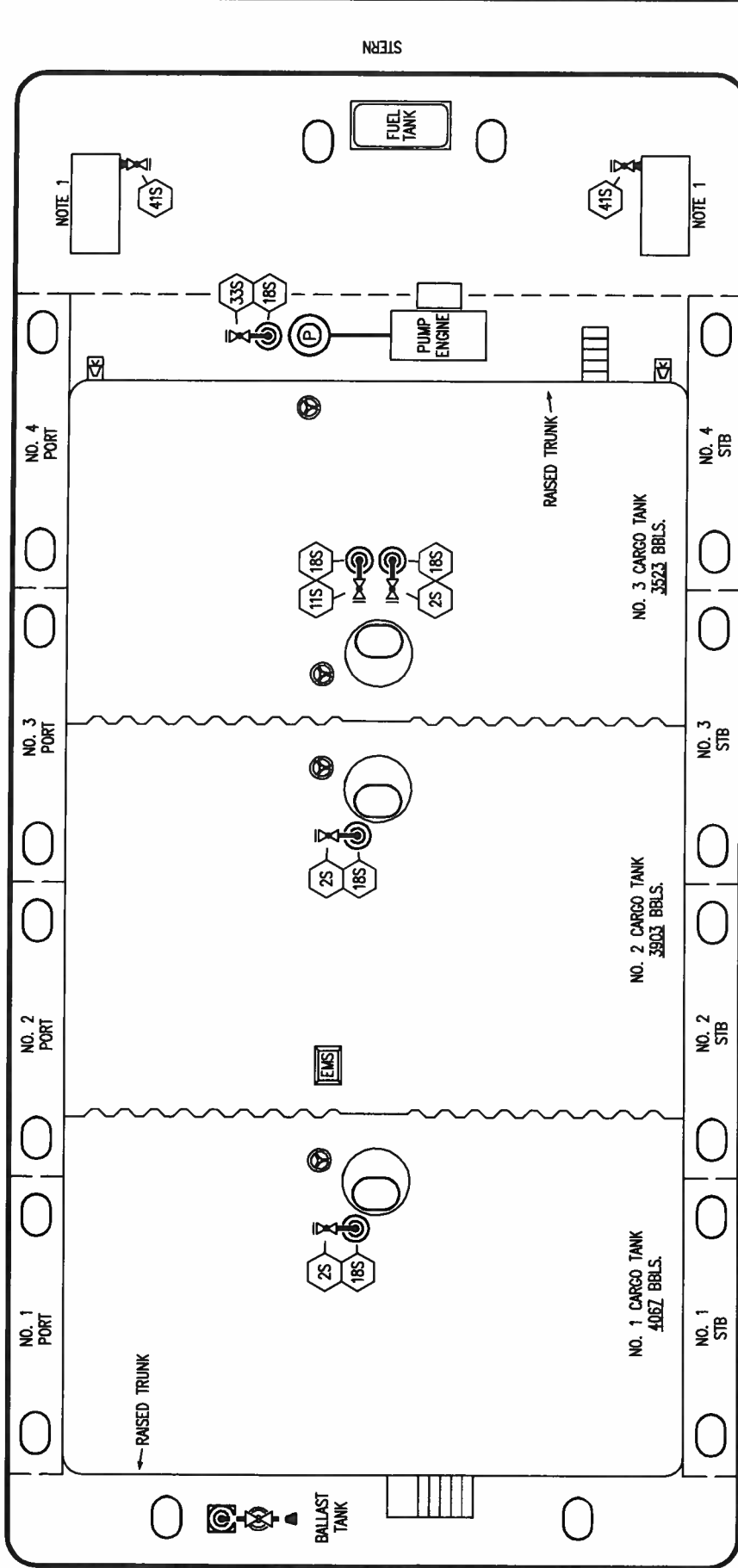
SCALE: NONE

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REV. 1

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	07/14/10	RB	RB	OF	ADD BALLAST TANK
0	01/07/10	RB	RB	RJ	FOR APPROVAL

STARBOARD



PORT

NOTE 1: CONTAINMENT P/S

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

TRINITY MARINE PRODUCTS - BARREL CAPACITY=11492



**KIRBY INLAND MARINE**

**STRIPPING  
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	07/14/10	RB	OF		ADD BALLAST TANK
0	01/07/10	RB	RJ		FOR APPROVAL

SCALE: NONE  
PAGE: 3 OF 3  
**KIRBY 11010B**  
REV. **1**