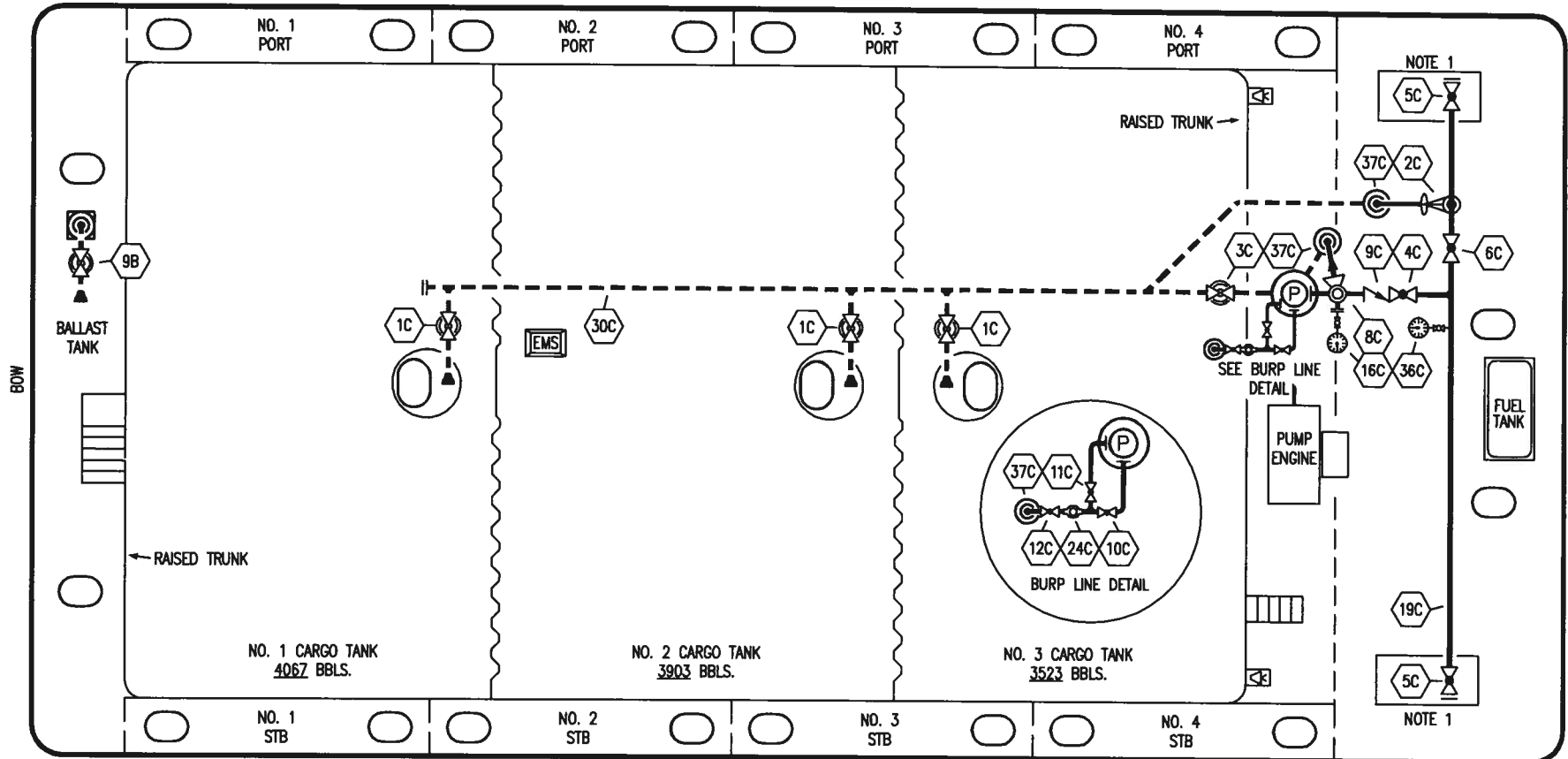


STARBOARD



NOTE 1

NOTE 1: CONTAINMENT P/S

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

PORT

TRINITY MARINE PRODUCTS - BARREL CAPACITY=11492

KIRBY INLAND MARINE 

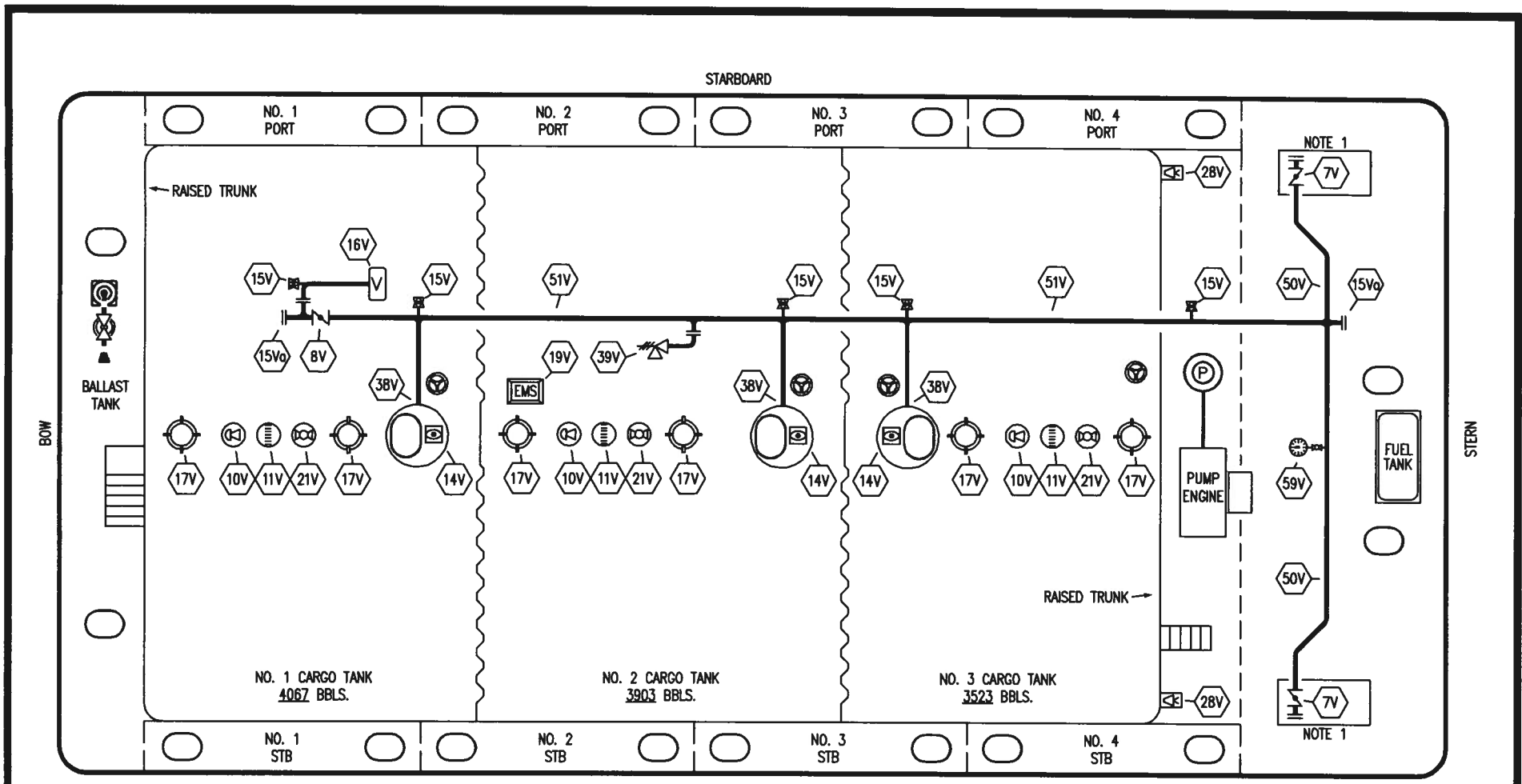
**CARGO
PIPING FLOW DIAGRAM**

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

SCALE: NONE
PAGE: 1 OF 3

KIRBY 11023B

REV. **1**



PORT

NOTE 1: CONTAINMENT P/S

TRINITY MARINE PRODUCTS - BARREL CAPACITY=11492

NO	DESCRIPTION	NO	DESCRIPTION
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 (C)
15V	2" INSPECTION PORT	50V	8" VAPOR HEADER
15Va	8" INSPECTION PORT	51V	8" VAPOR PIPELINE
16V	8" VAPOR VENT STACK	59V	PRESS/VAC GAUGE
17V	20" BUTTERWORTH	—	ABOVE DECK PIPING

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

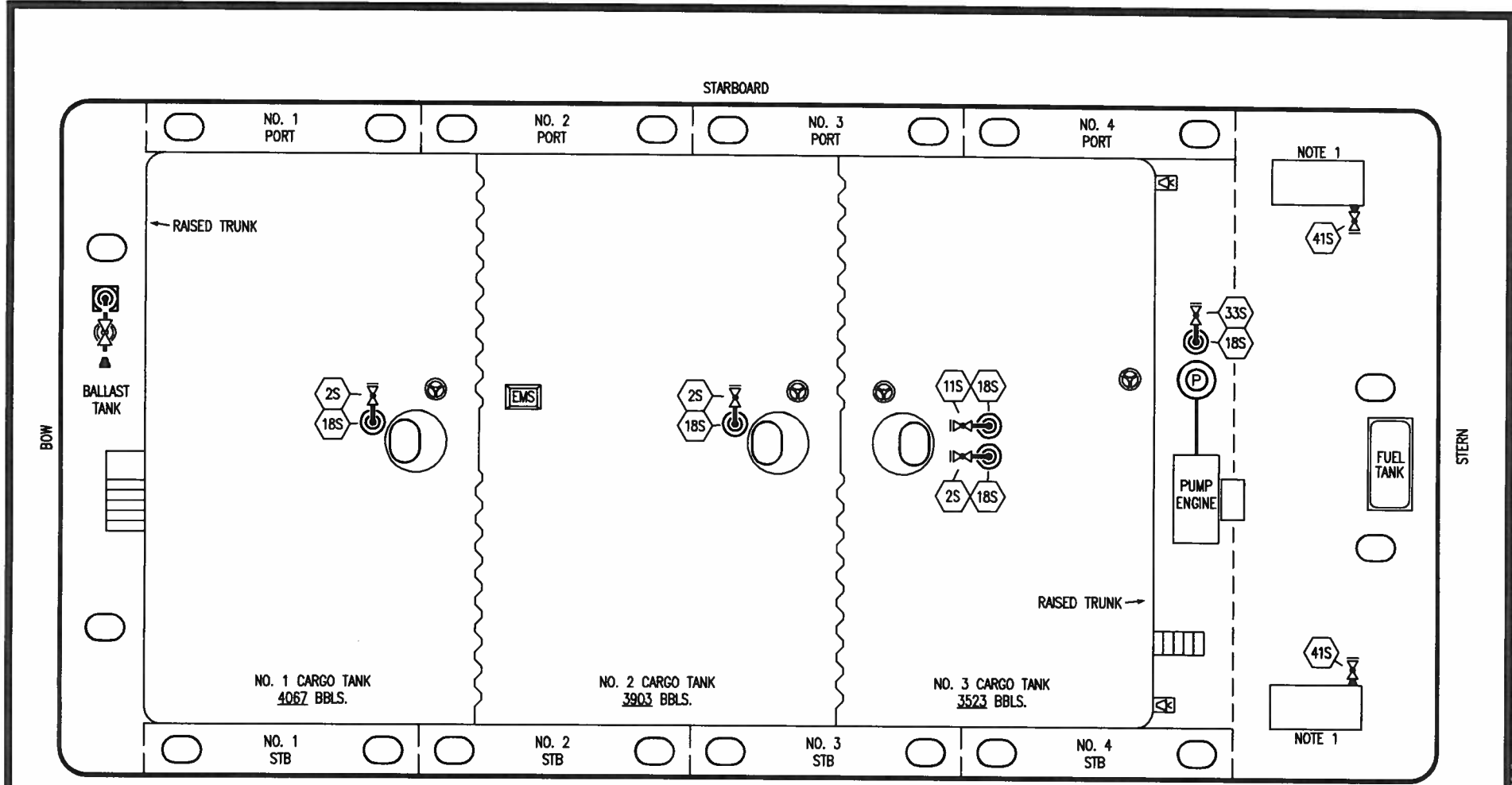
KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**


KIRBY 11023B

SCALE: NONE
PAGE: 2 OF 3

REV. **1**



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=11492

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

KIRBY INLAND MARINE 

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 3 OF 3

KIRBY 11023B

REV. **1**