

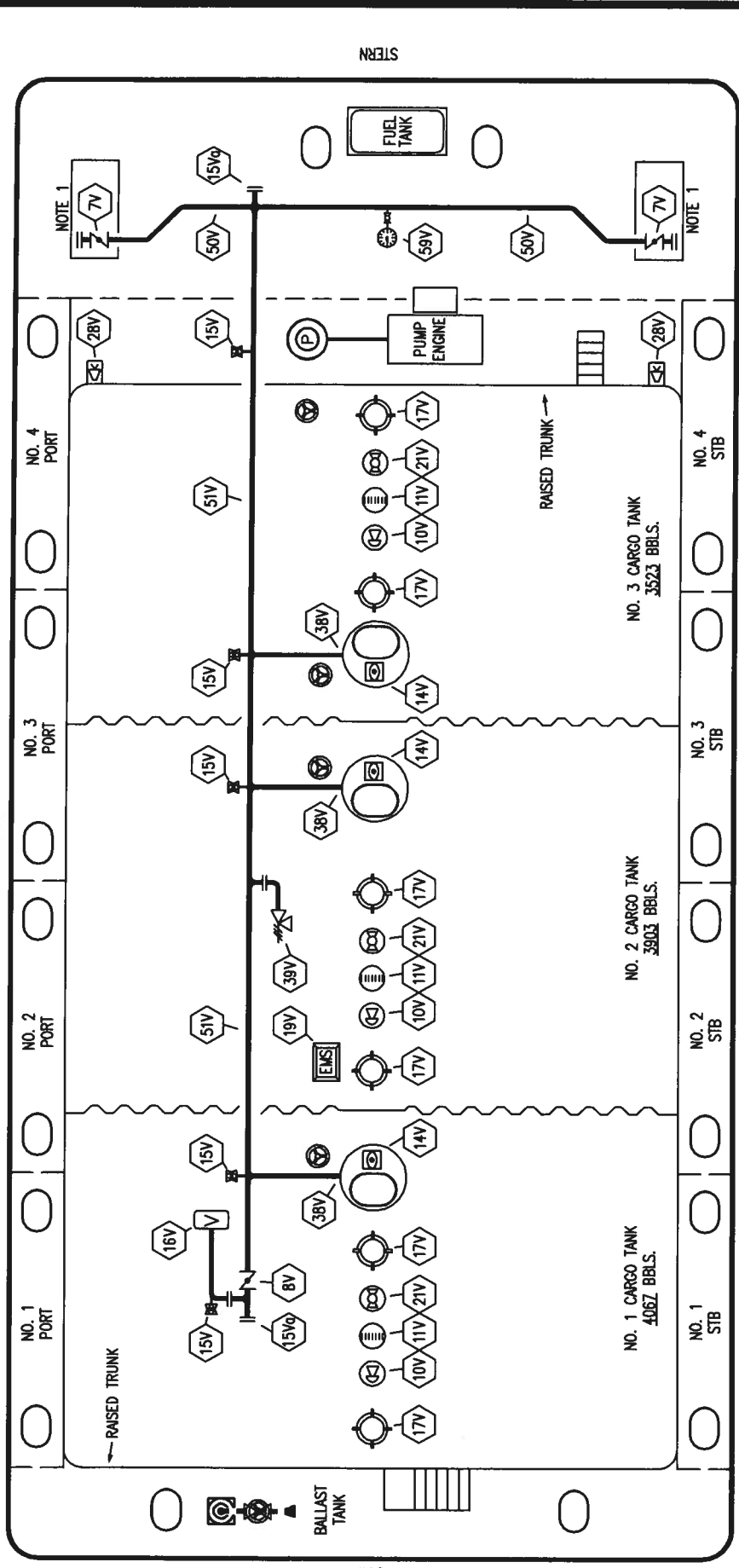
NOTE 1: CONTAINMENT P/S

TRINITY MARINE PRODUCTS - BARREL CAPACITY=11492

| | | CARGO PIPING FLOW DIAGRAM | | SCALE: NONE | REV. 1 |
|------|----------|--|---------|----------------------|--------|
| | | | | PAGE: 1 OF 3 | REV. 1 |
| REV. | DATE | BY | CHK APP | REVISION DESCRIPTION | |
| 1 | 07/14/10 | RB | OF | ADD BALLAST TANK | |
| 0 | 01/07/10 | RB | RJ | FOR APPROVAL | |

| 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 |

STARBOARD



BOW

NOTE 1: CONTAINMENT P/S

PORT

TRINITY MARINE PRODUCTS - BARREL CAPACITY=11492



KIRBY INLAND MARINE

VAPOR

PIPING FLOW DIAGRAM

| 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 |
| 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 |

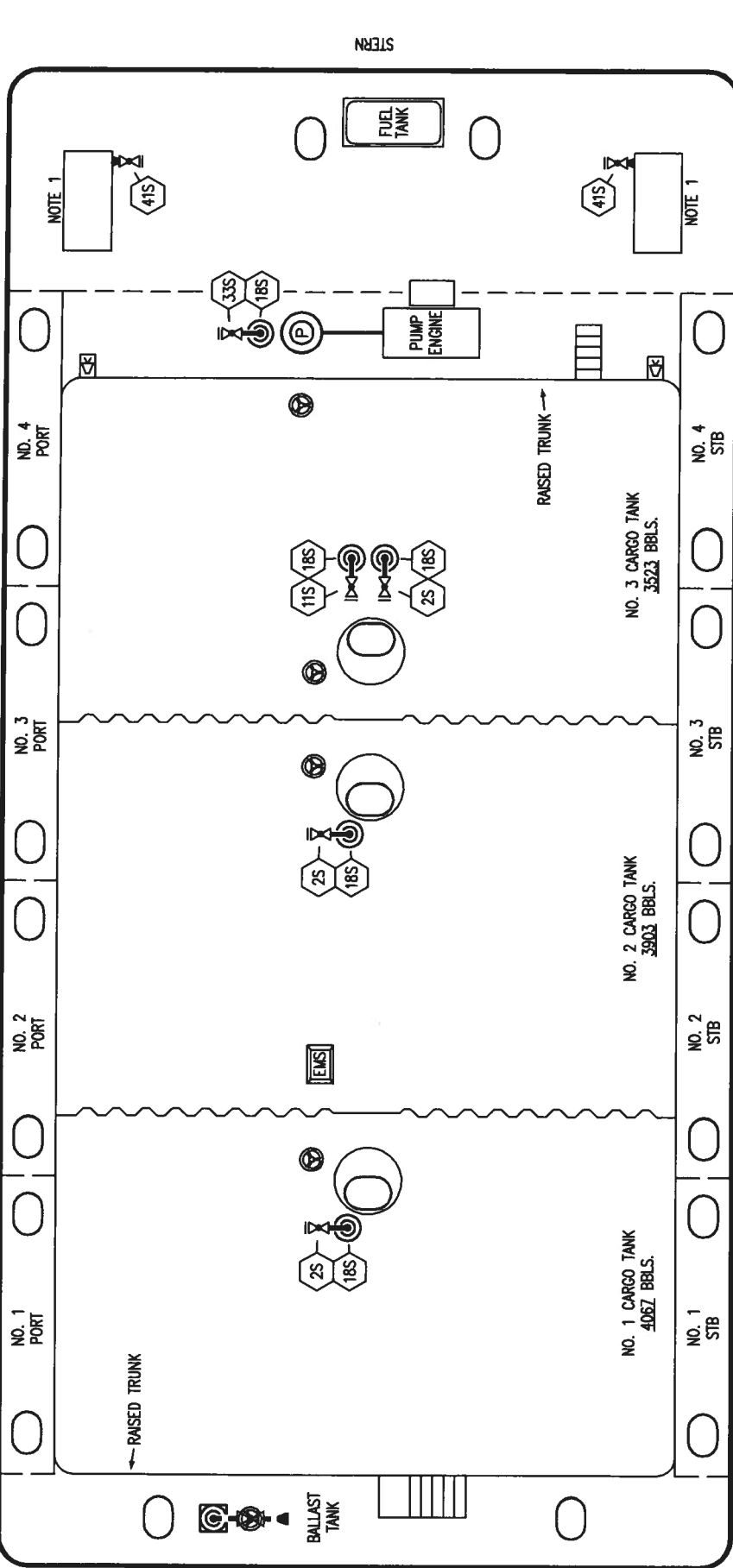
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SCALE: NONE
PAGE: 2 OF 3

KIRBY 11014B

REV. 1

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 11014B

REV. **1**