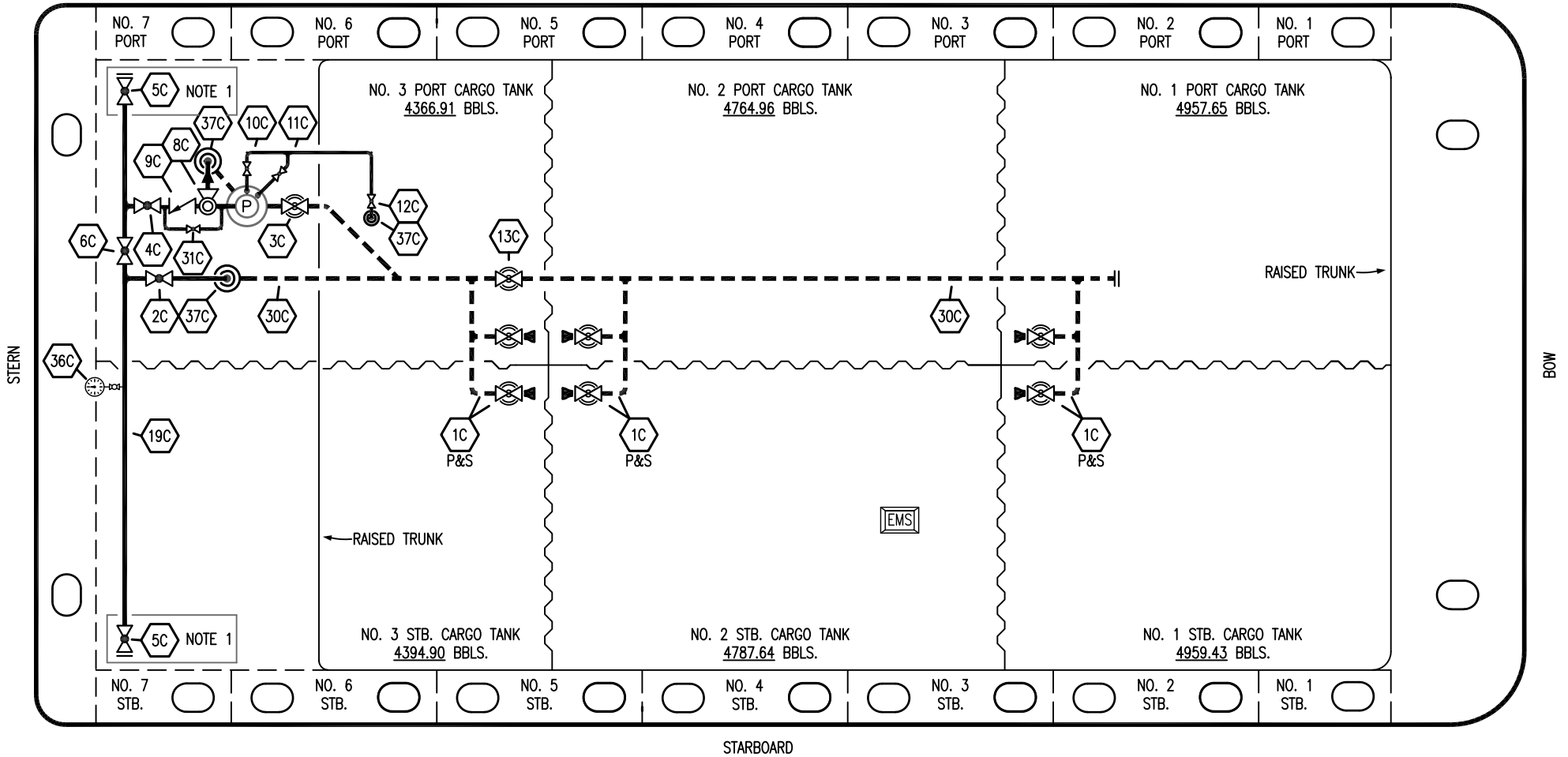


PORT



- NO. 1C CARGO TANK VALVE
- NO. 2C LOAD VALVE
- NO. 3C MASTER SUCTION VALVE
- NO. 4C DISCHARGE VALVE
- NO. 5C HEADER VALVE
- NO. 6C SALVAGE VALVE
- NO. 8C RELIEF VALVE
- NO. 9C CHECK VALVE
- NO. 10C BURP VALVE
- NO. 11C BLEED OFF VALVE

- NO. 12C BURP VALVE RETURN TO CARGO TANK
- NO. 13C CARGO PIPING BLOCK VALVE
- NO. 19C CARGO HEADER
- NO. 30C CARGO PIPELINE
- NO. 31C BYPASS VALVE
- NO. 36C PRESSURE GAUGE
- NO. 37C CARGO DROP
- ABOVE DECK PIPING
- - - BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	05/22/23	MRV	DDA	FIX	REVISED PER CLIENT COMMENTS
2	03/14/18	WFB	DDA		REVISED PER CLIENT COMMENTS
1	12/07/15	BB	DDA		REVISED PER CLIENT COMMENTS
0	11/07/12	KS	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

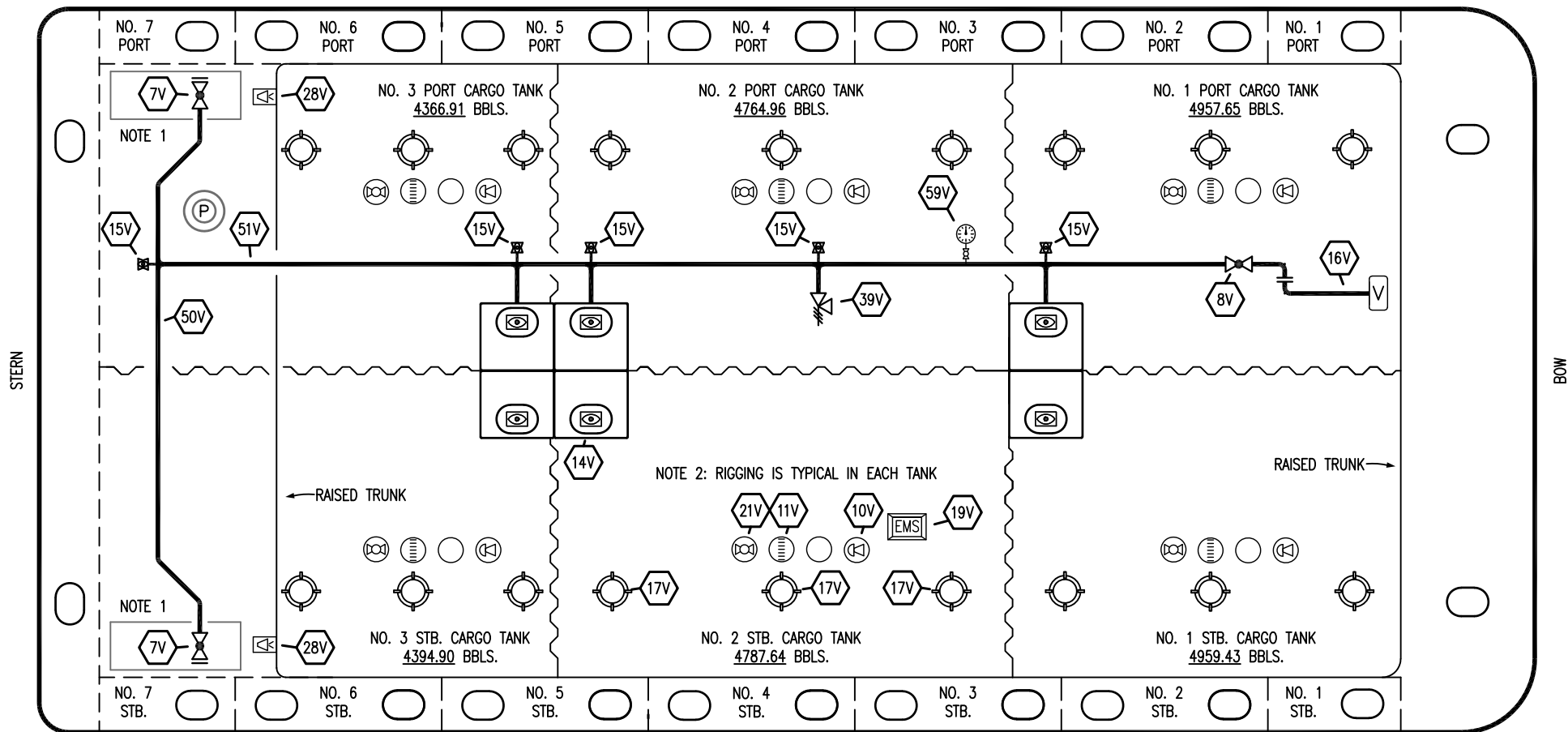
**CARGO  
PIPING FLOW DIAGRAM**

SCALE: NONE  
PAGE: 1 OF 3

**KIRBY 29100** REV. **3**

TRINITY

PORT



NO. 7 PORT    NO. 6 PORT    NO. 5 PORT    NO. 4 PORT    NO. 3 PORT    NO. 2 PORT    NO. 1 PORT

NO. 3 PORT CARGO TANK 4366.91 BBLs.    NO. 2 PORT CARGO TANK 4764.96 BBLs.    NO. 1 PORT CARGO TANK 4957.65 BBLs.

NO. 3 STB. CARGO TANK 4394.90 BBLs.    NO. 2 STB. CARGO TANK 4787.64 BBLs.    NO. 1 STB. CARGO TANK 4959.43 BBLs.

NO. 7 STB.    NO. 6 STB.    NO. 5 STB.    NO. 4 STB.    NO. 3 STB.    NO. 2 STB.    NO. 1 STB.

STARBOARD

- |     |                              |     |                        |
|-----|------------------------------|-----|------------------------|
| NO  | DESCRIPTION                  | NO  | DESCRIPTION            |
| 7V  | 8" HEADER VALVE              | 21V | 2" HERMETIC GAUGE      |
| 8V  | 8" VENT STACK VALVE          | 28V | DOCK CONNECTION ALARM  |
| 10V | 8" HIGH LEVEL/OVERFILL ALARM | 39V | PRESS/VAC RELIEF VALVE |
| 11V | 8" 1-METER STICK GAUGE       | 50V | 8" VAPOR HEADER        |
| 14V | 6" SIGHT GLASS W/GAUGE TREE  | 51V | 8" VAPOR PIPELINE      |
| 15V | 2" INSPECTION PORT           | 59V | PRESS/VAC GAUGE        |
| 16V | 8" VAPOR VENT STACK          | —   | ABOVE DECK PIPING      |
| 17V | 14" BUTTERWORTH              |     |                        |
| 18V | 2" RESTRICTIVE GAUGE TUBE    |     |                        |
| 19V | EMERGENCY ENGINE SHUT DOWN   |     |                        |

NOTE 1: CONTAINMENT P/S

NOTE 2: RIGGING IS TYPICAL IN EACH TANK

TRINITY

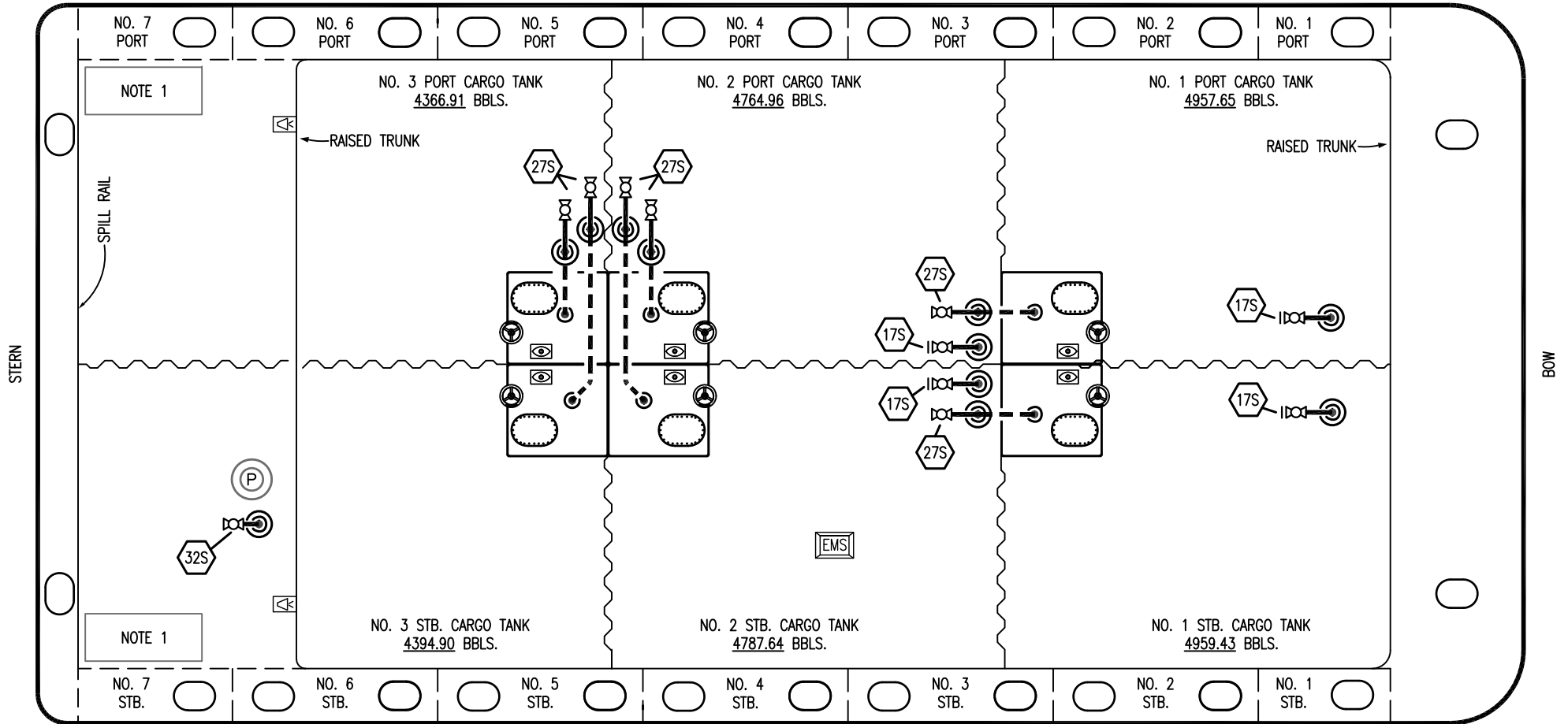
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	05/22/23	MRV	DDA	FIX	REVISED PER CLIENT COMMENTS
1	03/10/15	BB	DDA		REVISED PER CLIENT COMMENTS
0	11/07/12	KS	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

VAPOR  
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 29100	REV.
PAGE: 2 OF 3		2

PORT



STERN

BOW

STARBOARD

- |           |                         |
|-----------|-------------------------|
| <b>NO</b> | <b>DESCRIPTION</b>      |
| 17S       | FORWARD TANK STRIPPING  |
| 18S       | TYP. STRIPPING DROP (⊙) |
| 27S       | SUMP SUCTION VALVE      |
| 32S       | PUMP WELL PRIMER VALVE  |
| —         | ABOVE DECK PIPING       |
| - - -     | BELOW DECK PIPING       |

NOTE 1: CONTAINMENT P/S

TRINITY

1	05/22/23	MRV	DDA	FIX	REVISED PER CLIENT COMMENTS
0	11/07/12	KS	DDA		ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

<b>KIRBY INLAND MARINE</b>	
<b>STRIPPING PIPING FLOW DIAGRAM</b>	
SCALE: NONE	<b>KIRBY 29100</b>
PAGE: 3 OF 3	REV. <b>1</b>