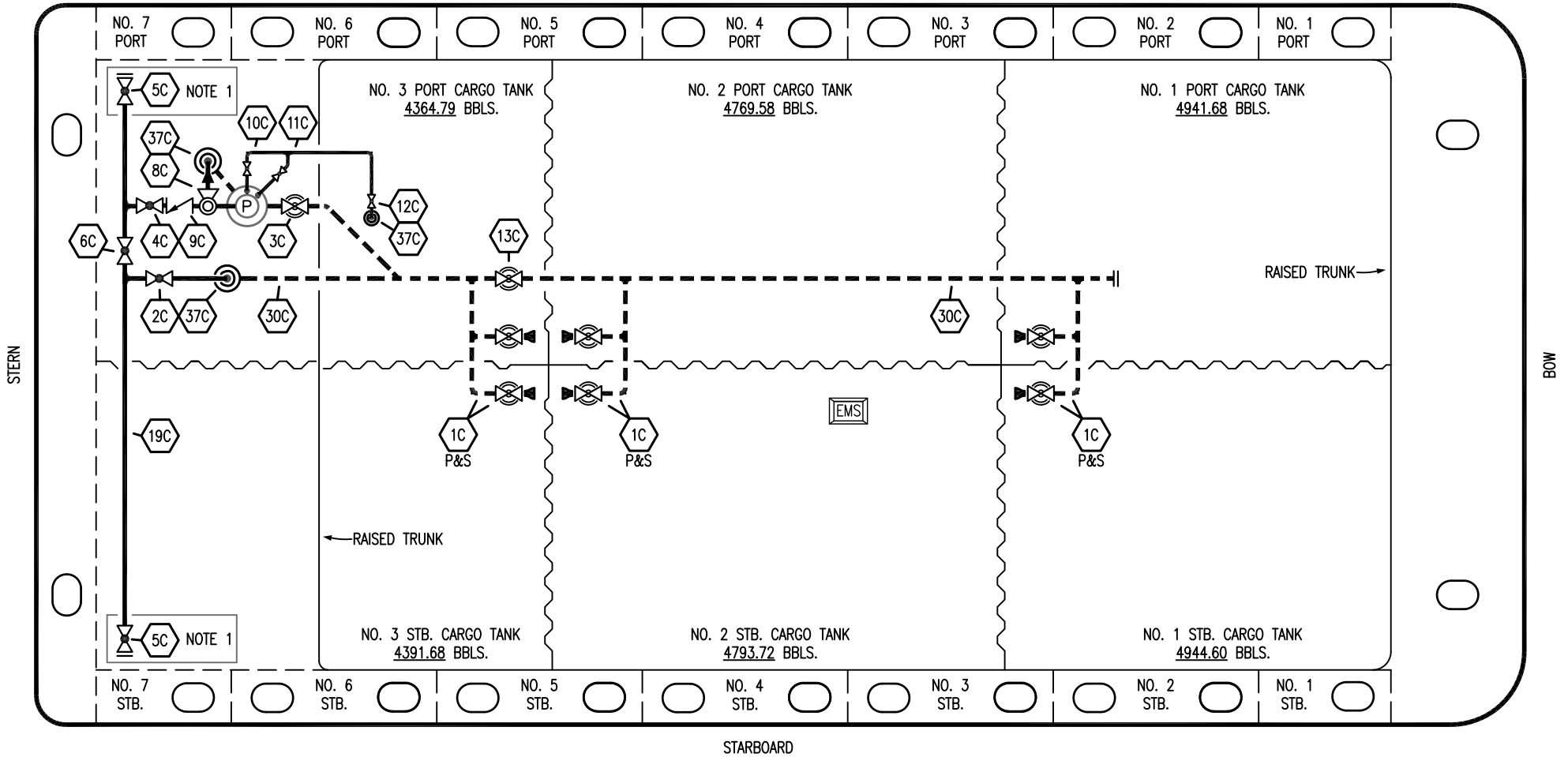


PORT



- |     |                      |       |                                 |
|-----|----------------------|-------|---------------------------------|
| NO  | DESCRIPTION          | NO    | DESCRIPTION                     |
| 1C  | CARGO TANK VALVE     | 12C   | BURP VALVE RETURN TO CARGO TANK |
| 2C  | LOAD VALVE           | 13C   | CARGO PIPING BLOCK VALVE        |
| 3C  | MASTER SUCTION VALVE | 19C   | CARGO HEADER                    |
| 4C  | DISCHARGE VALVE      | 30C   | CARGO PIPELINE                  |
| 5C  | HEADER VALVE         | 37C   | CARGO DROP                      |
| 6C  | SALVAGE VALVE        |       |                                 |
| 8C  | RELIEF VALVE         | —     | ABOVE DECK PIPING               |
| 9C  | CHECK VALVE          | - - - | BELOW DECK PIPING               |
| 10C | BURP VALVE           |       |                                 |
| 11C | BLEED OFF VALVE      |       |                                 |

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	01/30/23	MRV	DDA	FIX	REVISED PER CLIENT COMMENTS
1	12/08/15	BB	DDA		REVISED PER CLIENT COMMENTS
0	06/18/14	DDA	DDA		ISSUED FOR APPROVAL

TRINITY

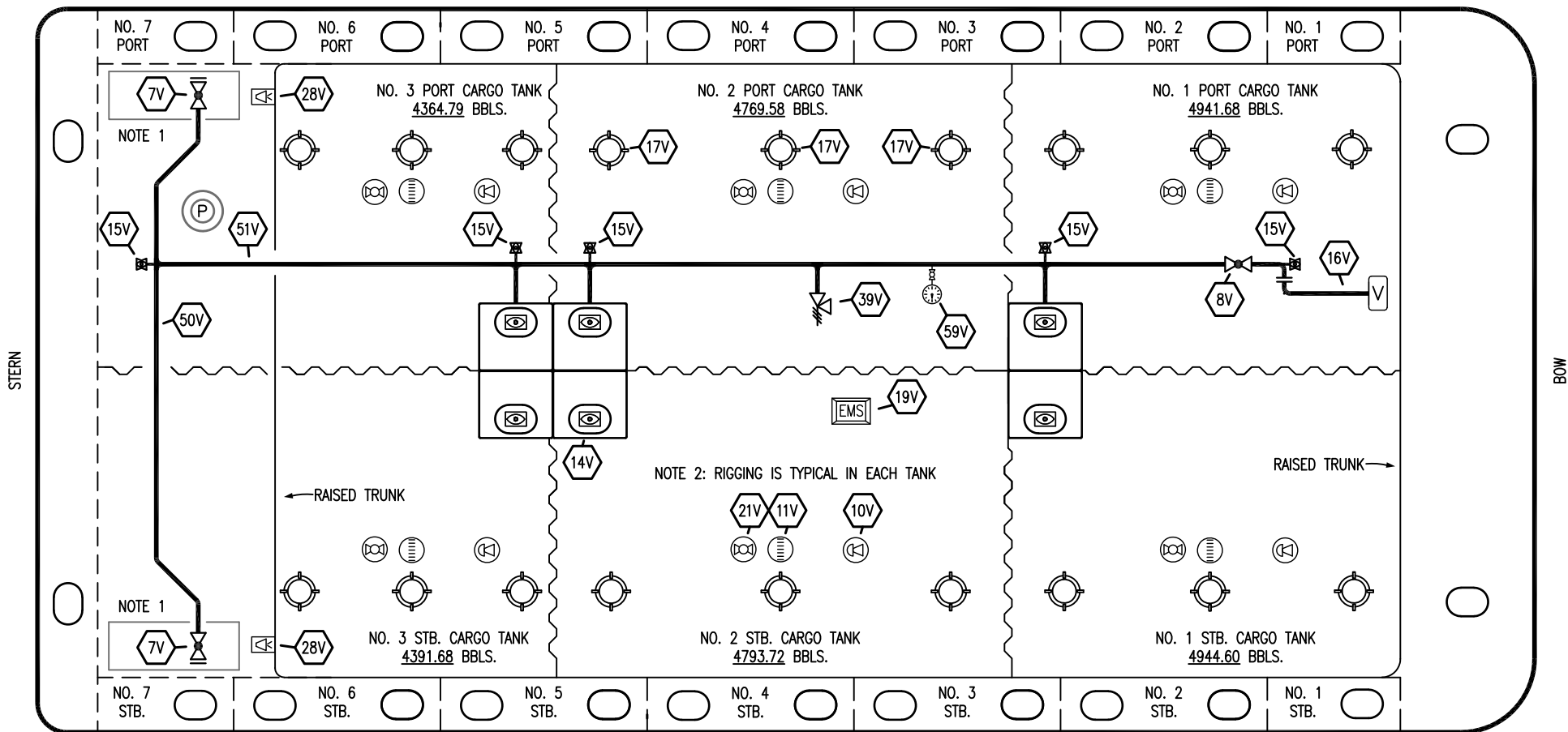
**KIRBY INLAND MARINE**

**CARGO**

**PIPING FLOW DIAGRAM**

<b>KIRBY 29118</b>	REV. <b>2</b>
SCALE: NONE	PAGE: 1 OF 3

PORT



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

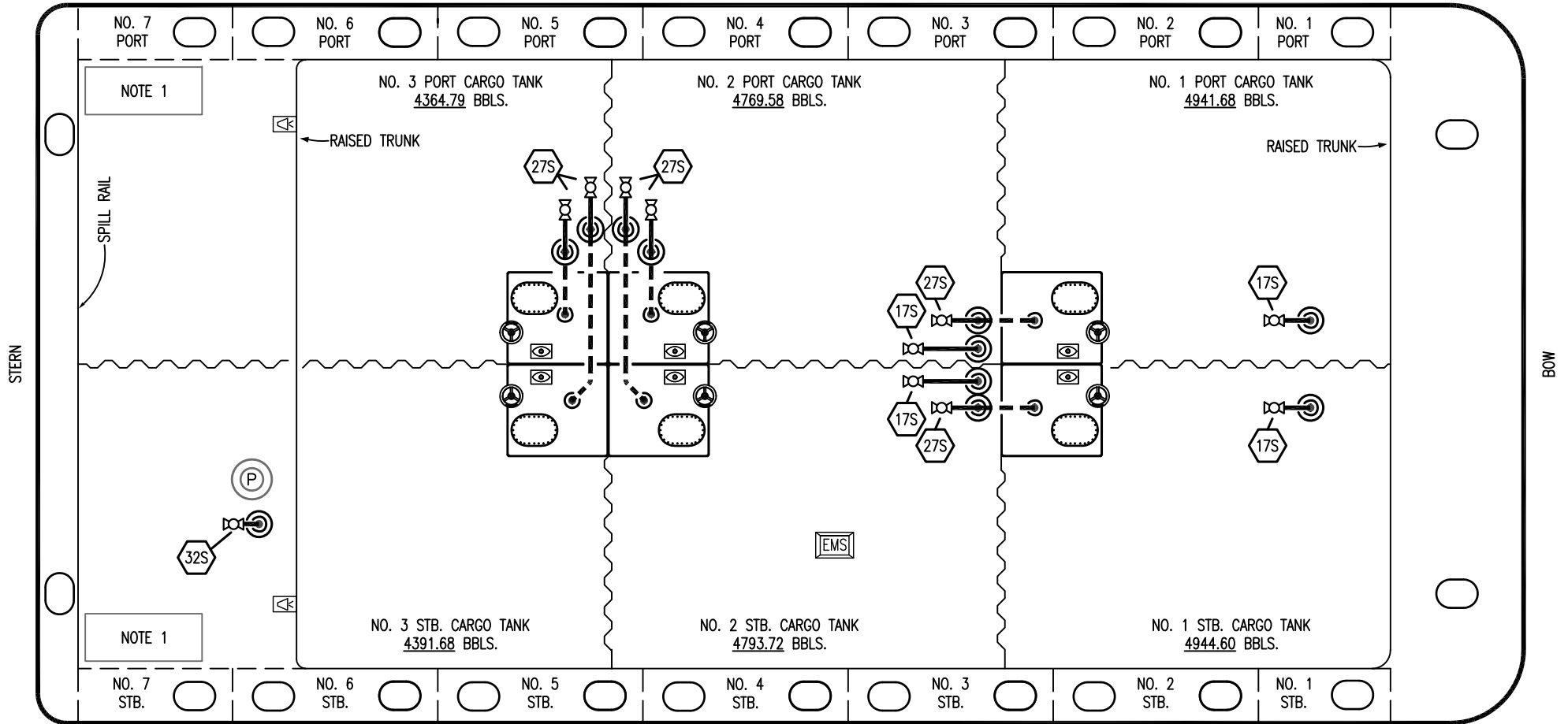
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	01/30/23	MRV	DDA	FIX	REVISED PER CLIENT COMMENTS
1	03/10/15	BB	DDA		REVISED PER CLIENT COMMENTS
0	06/18/14	DDA	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

VAPOR  
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 29118	REV. 2
PAGE: 2 OF 3		

PORT



- | NO    | DESCRIPTION             |
|-------|-------------------------|
| 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

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	01/20/23	MRV	DDA	FIX	REVISED PER CLIENT COMMENTS
0	06/18/14	DDA	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

STRIPPING  
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 29118	REV. 1
PAGE: 3 OF 3		