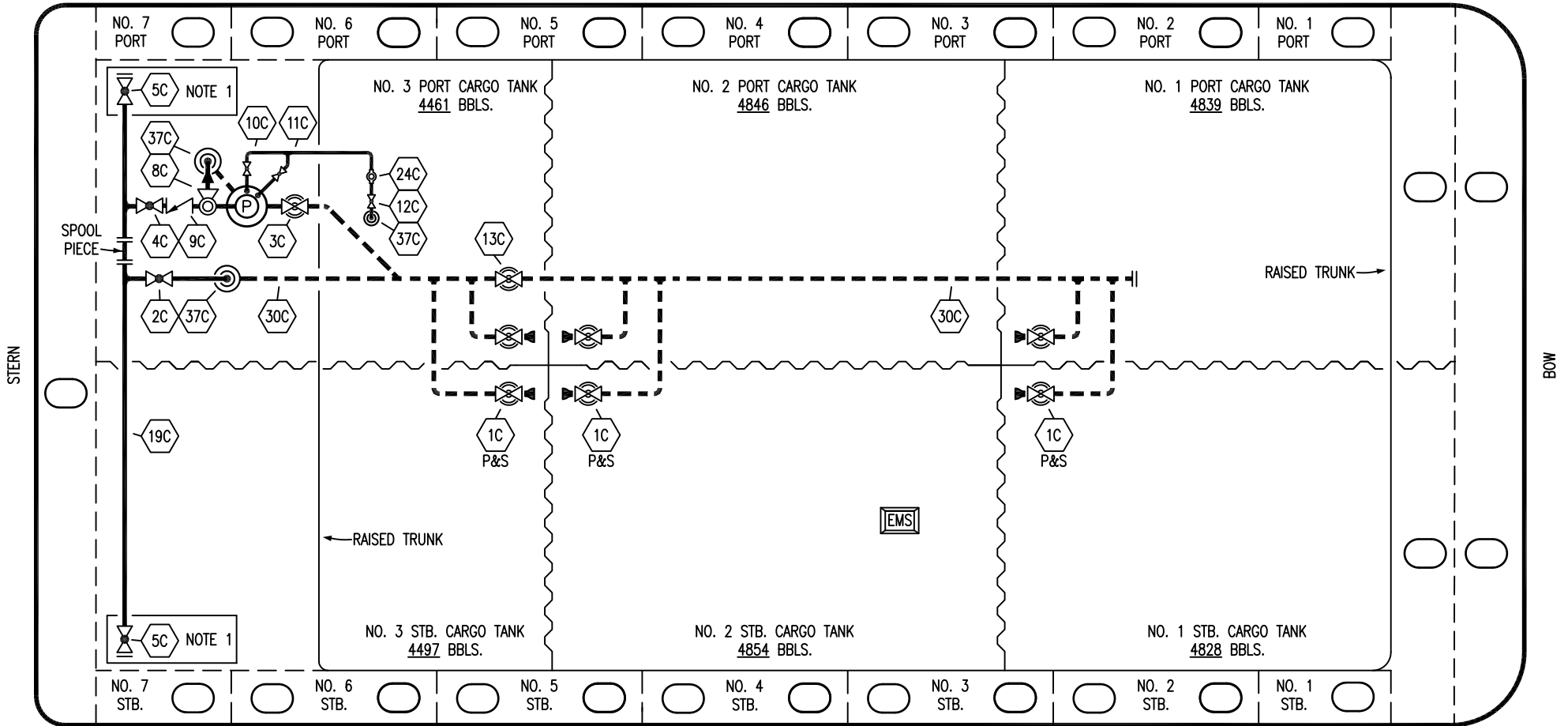


PORT



STARBOARD

- | | | | |
|-----|----------------------|-----|---------------------------------|
| 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 | 24C | FLOW INDICATOR |
| 5C | HEADER VALVE | 30C | CARGO PIPELINE |
| 8C | RELIEF VALVE | 37C | CARGO DROP |
| 9C | CHECK VALVE | — | — ABOVE DECK PIPING |
| 10C | BURP VALVE | --- | --- BELOW DECK PIPING |
| 11C | BLEED OFF VALVE | | |

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	06/19/17	WFB	DDA		REMOVED 6C SALVAGE VALVE
2	11/07/13	DCB	DDA		MOVED 13C
1	03/08/11	DCB	DDA		REVISED TANK CAPACITY
0	01/07/11	BAG	RB	OF	APPROVED

KIRBY INLAND MARINE 

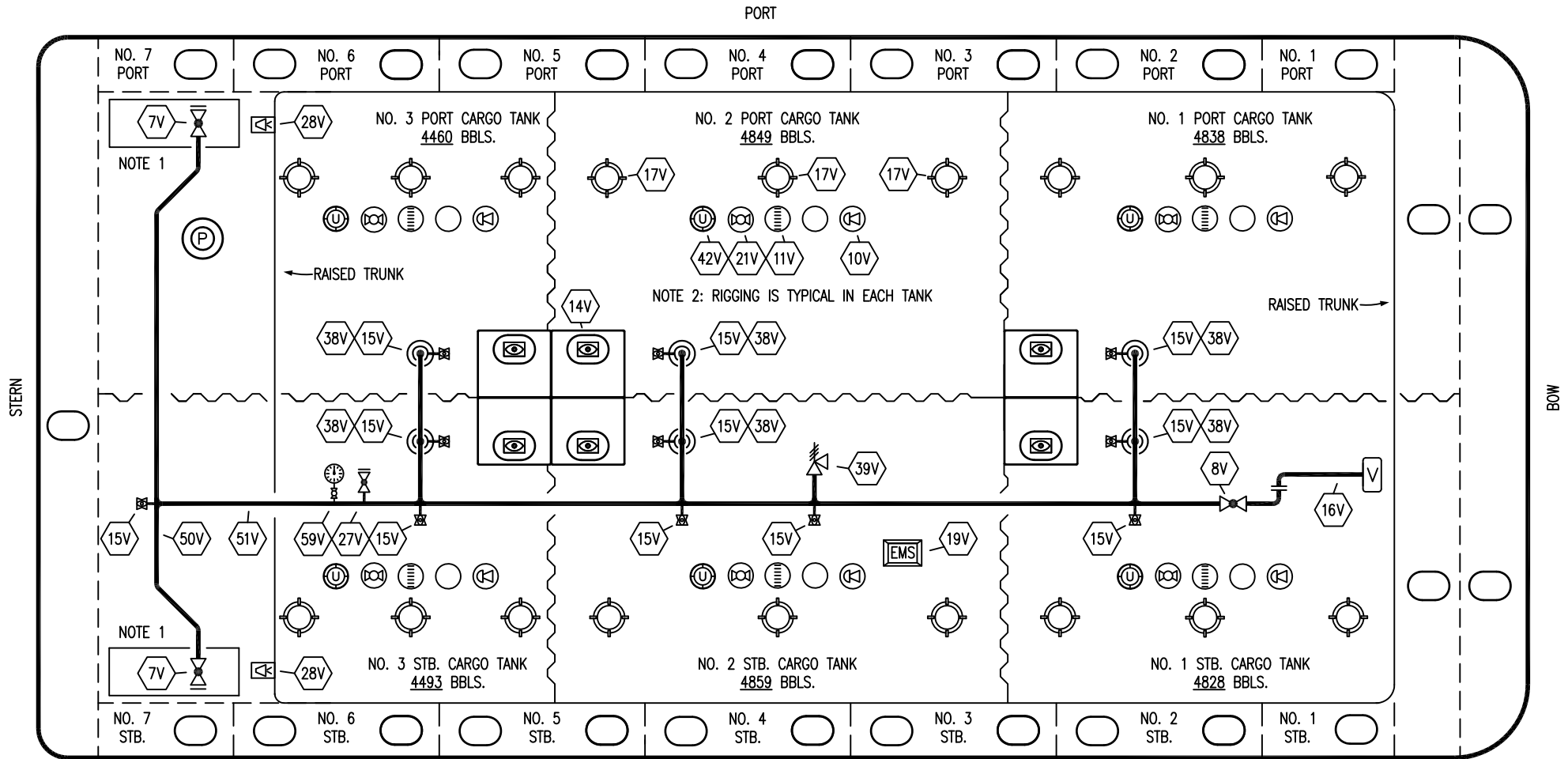
**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 1 OF 3

KIRBY 28191

REV. **3**

TRINITY



NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	21V	2" HERMETIC GAUGE
8V	8" VENT STACK VALVE	27V	1/4" TEST CONNECTION VALVE
10V	8" HIGH LEVEL/OVERFILL ALARM	28V	DOCK CONNECTION ALARM
11V	8" 1-METER STICK GAUGE	38V	8" VAPOR PENETRATION (⊙)
14V	6" SIGHT GLASS W/GAUGE TREE	39V	PRESS/VAC RELIEF VALVE
15V	2" INSPECTION PORT	42V	8" ULLAGE HATCH
16V	8" VAPOR VENT STACK	50V	8" VAPOR HEADER
17V	14" BUTTERWORTH	51V	8" VAPOR PIPELINE
18V	2" RESTRICTIVE GAUGE TUBE	59V	PRESS/VAC GAUGE
19V	EMERGENCY ENGINE SHUT DOWN	—	— ABOVE DECK PIPING

NOTE 1: CONTAINMENT P/S
 NOTE 2: RIGGING IS TYPICAL IN EACH TANK

0	03/07/12	BTR	DDA	OF	APPROVED
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

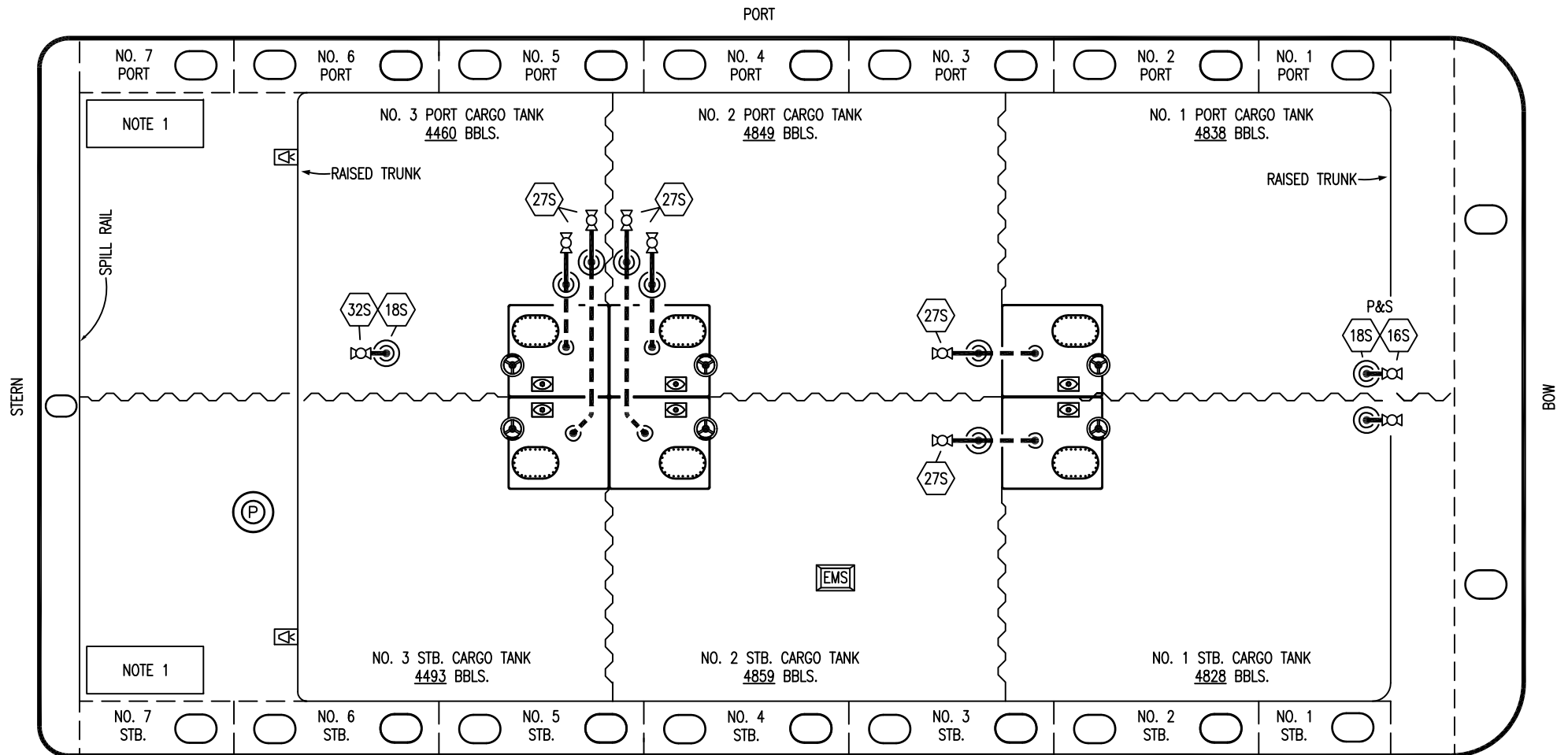
KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

KIRBY 28191

SCALE: NONE
 PAGE: 2 OF 3

REV. **0**



- | NO | DESCRIPTION |
|-------|---------------------------|
| 16S | REMOTE SUCTION CONNECTION |
| 18S | TYP. STRIPPING DROP |
| 27S | SUMP SUCTION VALVE |
| — | ABOVE DECK PIPING |
| - - - | BELOW DECK PIPING |

NOTE 1: CONTAINMENT P/S

TRINITY

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	11/07/13	DCB	DDA		REVISED PIPING
1	03/01/11	DCB	DDA		REVISED CARGO CAPACITY
0	10/14/11	JN	DDA	OF	APPROVED

KIRBY INLAND MARINE	
STRIPPING	
PIPING FLOW DIAGRAM	
SCALE: NONE	KIRBY 28191
PAGE: 3 OF 3	
	REV. 2