

- | | | | |
|-----|----------------------|-----|---------------------------------|
| 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 |
| 6C | SALVAGE VALVE | 37C | CARGO DROP |
| 8C | RELIEF VALVE | | |
| 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
2	11/07/13	DCB	DDA		MOVED 13C
1	03/08/11	DCB	DDA		REVISED TANK CAPACITY
A	01/07/11	BAG	RB	OF	FOR APPROVAL

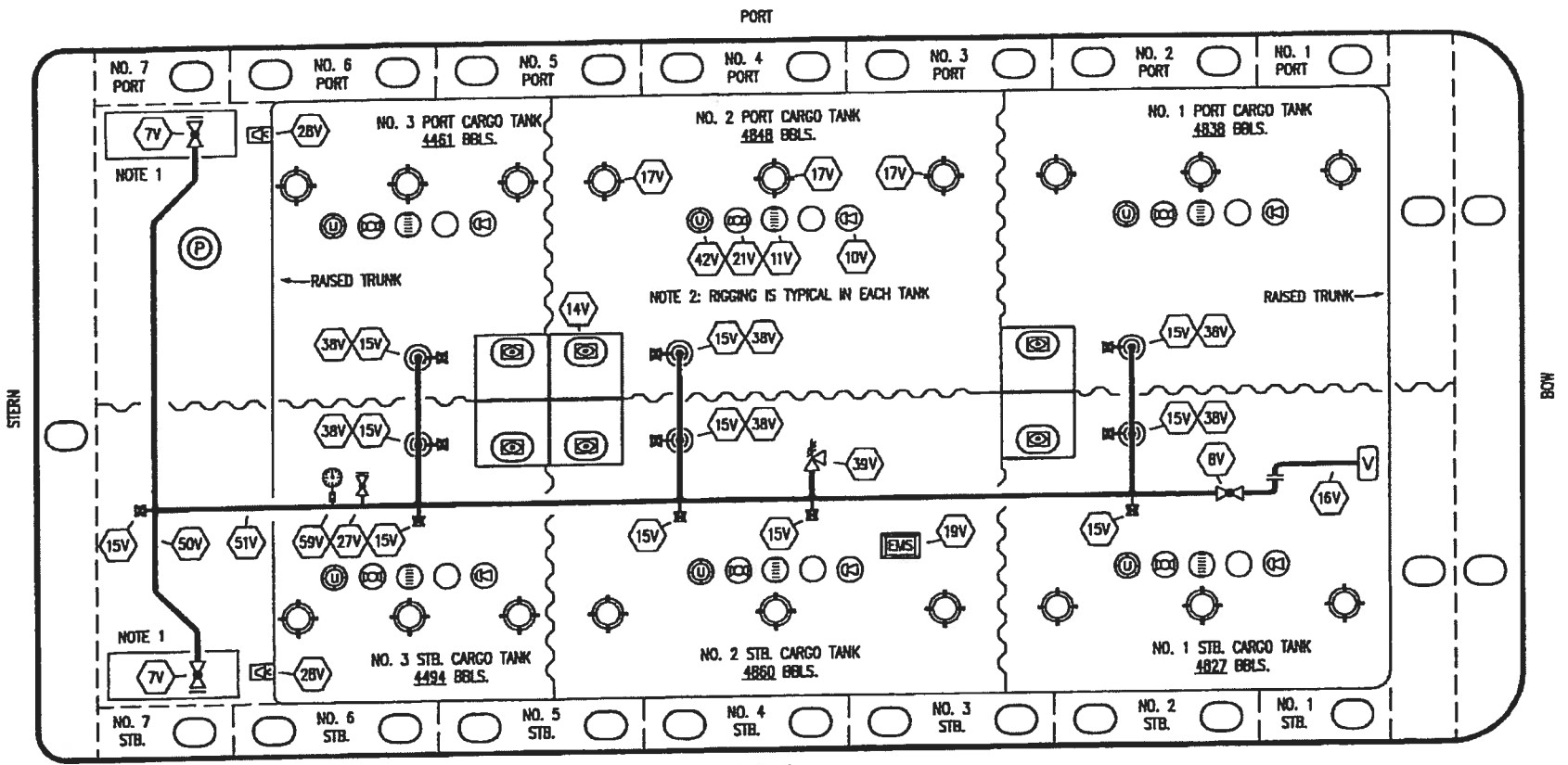
TRINITY

KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 28166
PAGE: 1 OF 3	REV. 2



- | | | | |
|-----|------------------------------|-----|----------------------------|
| 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 (C) |
| 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

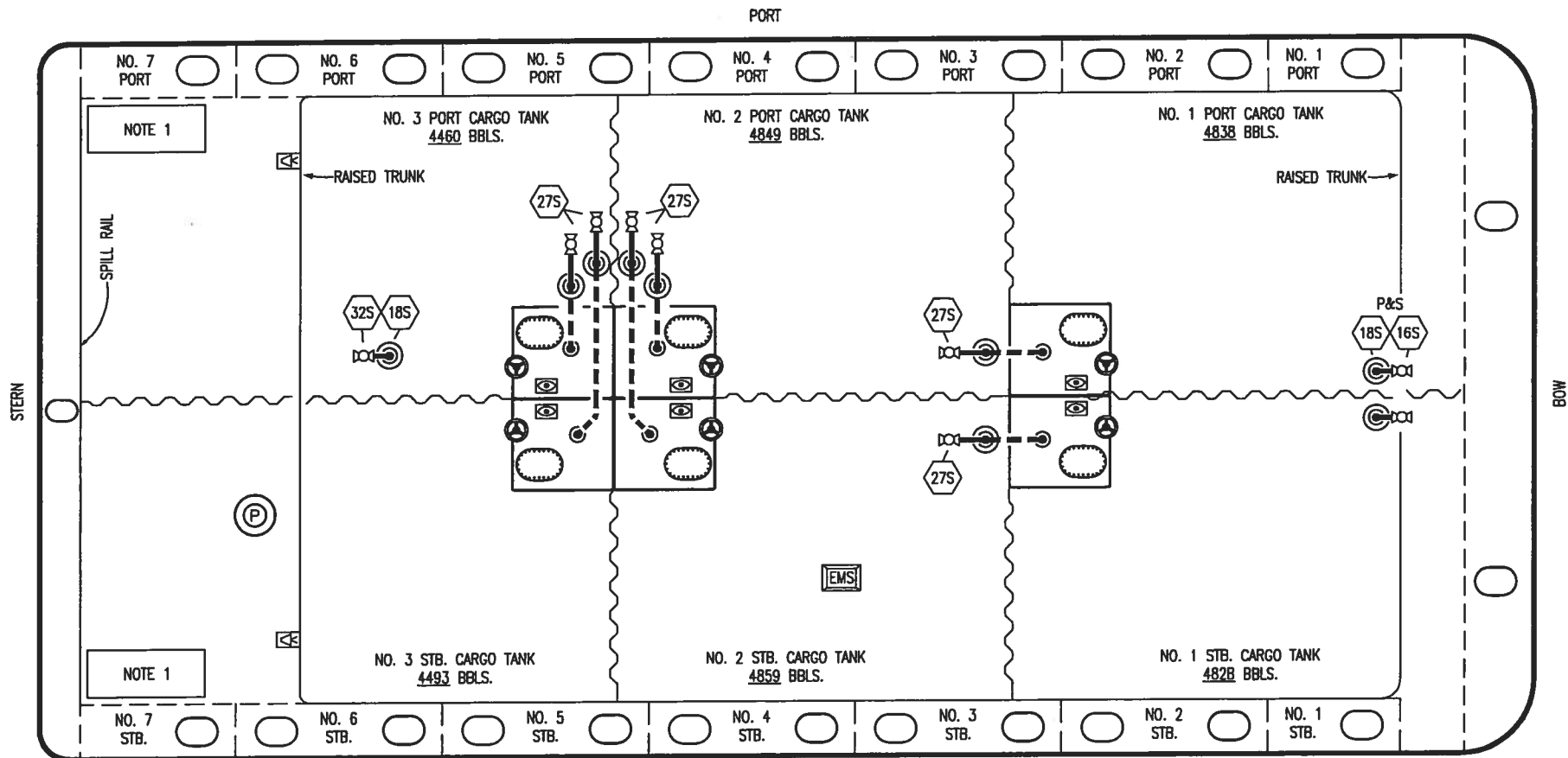
1	04/07/11	JN	DDA	REVISED CARGO CAPACITY
A	01/07/11	BAG	RB OF	FOR APPROVAL
REV.	DATE	BY	CHK APP	REVISION DESCRIPTION

TRINITY

KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

SCALE: NONE	KIRBY 28166	REV. 1
PAGE: 2 OF 3		



- | 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

					KIRBY INLAND MARINE	
					STRIPPING	
					PIPING FLOW DIAGRAM	
2	11/07/13	DCB	DDA	REVISED PIPING		
1	03/01/11	DCB	DDA	REVISED CARGO CAPACITY		
0	10/14/11	JN	DDA	ISSUED FOR APPROVAL	SCALE: NONE	KIRBY 28166
REV.	DATE	BY	CHK	APP	PAGE: 3 OF 3	
					REV. 2	