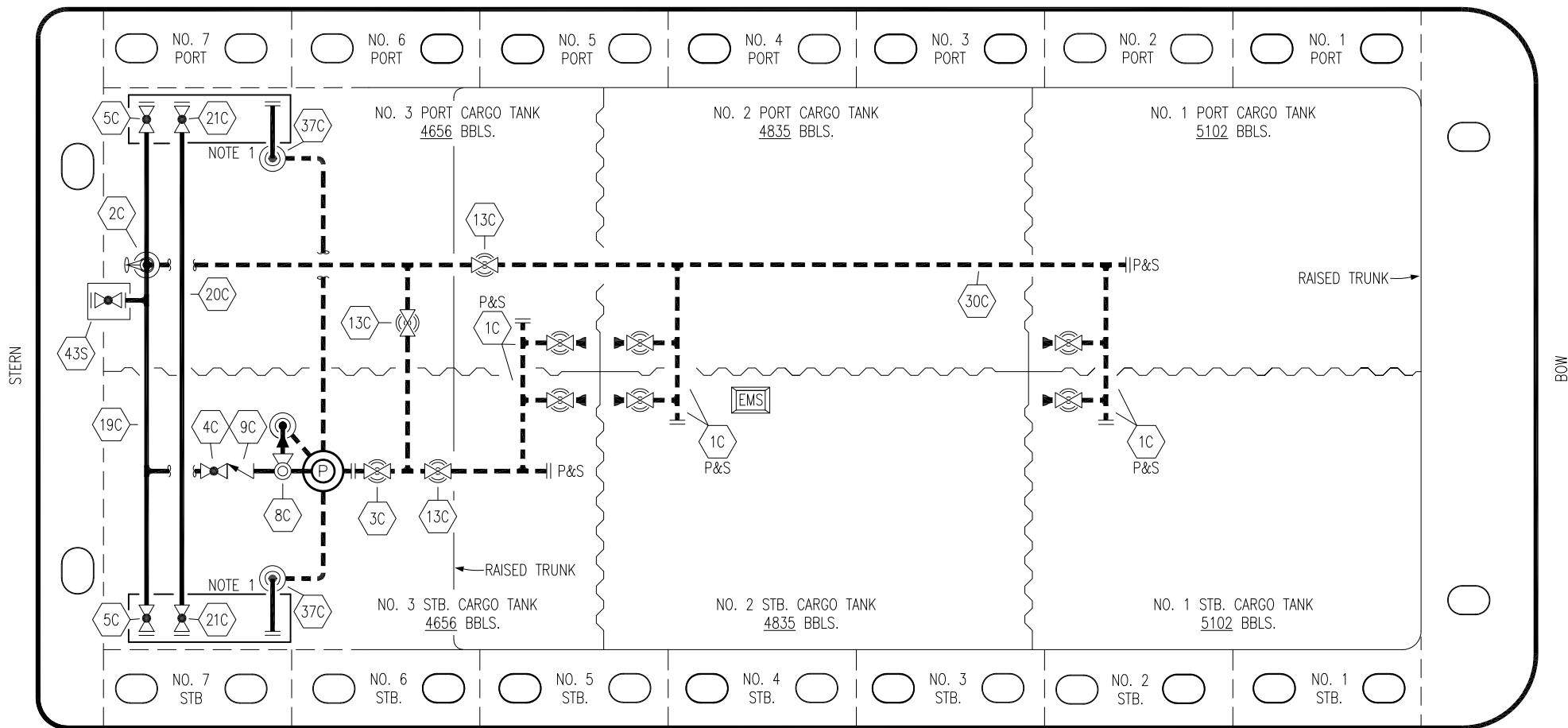





PORT



STARBOARD

- | | | | |
|-----|--------------------------|---|--|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1C | CARGO TANK VALVE | 20C | DUMMY HEADER PIPING |
| 2C | LOAD VALVE | 21C | DUMMY HEADER VALVE |
| 3C | MASTER SUCTION VALVE | 30C | CARGO PIPELINE |
| 4C | DISCHARGE VALVE | 37C | CARGO DROP  |
| 5C | HEADER VALVE | 43S | STERN HEADER VALVE |
| 8C | RELIEF VALVE |  | ABOVE DECK PIPING |
| 9C | CHECK VALVE |  | BELOW DECK PIPING |
| 13C | CARGO PIPING BLOCK VALVE | | |
| 19C | CARGO HEADER | | |

NOTE 1: CONTAINMENT P/S

0	02/15/19	MRV	DDA	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP
				REVISION DESCRIPTION

KIRBY INLAND MARINE 

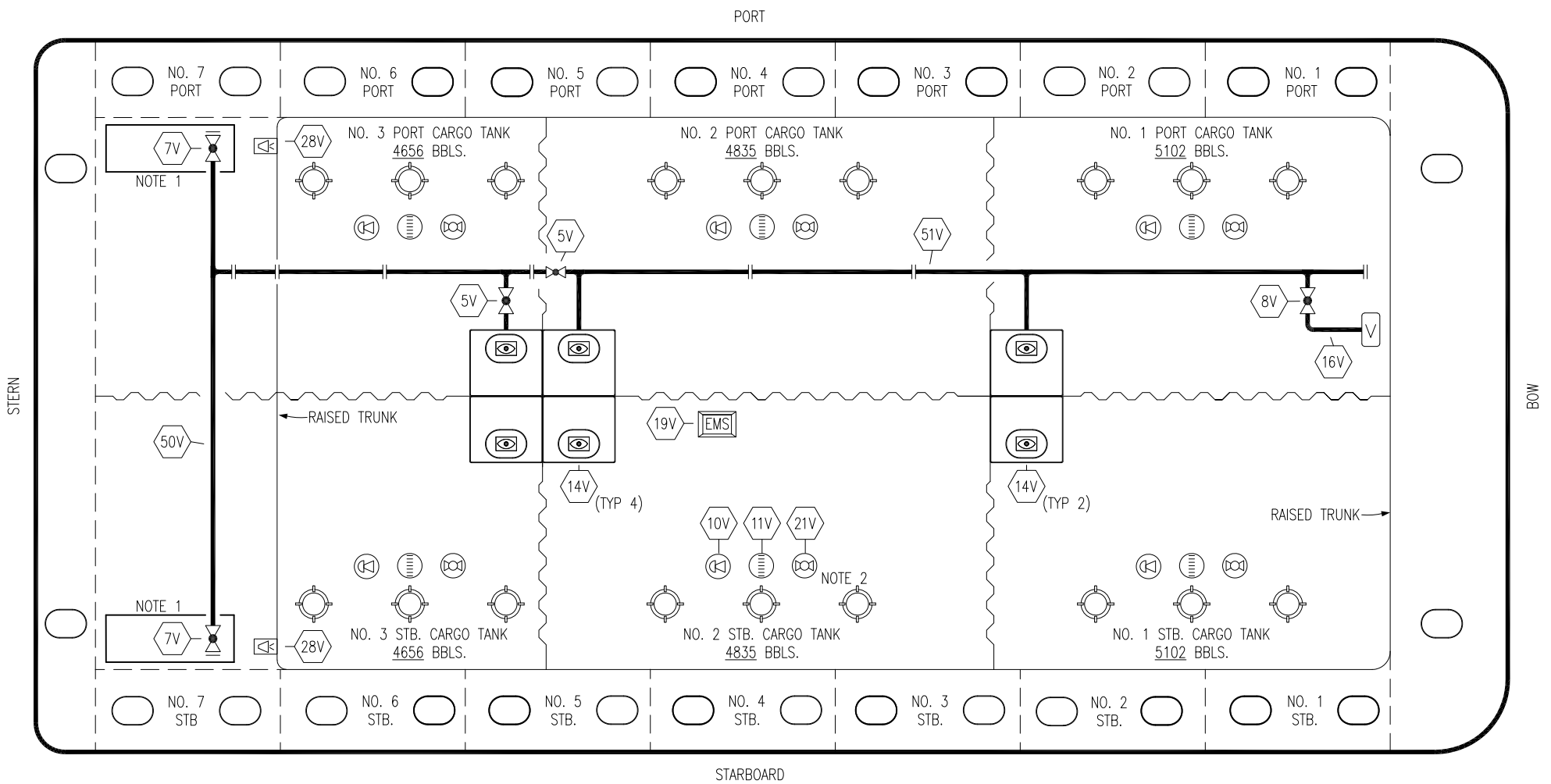
**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE
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TRINITY

REV. **0**




- | NO | DESCRIPTION |
|-----|---------------------------|
| 5V | BLOCK VALVE |
| 7V | HEADER VALVE |
| 8V | VENT STACK VALVE |
| 10V | HIGH LEVEL/OVERFILL ALARM |
| 11V | 1-METER GAUGE STICK |
| 14V | SIGHT GLASS |
| 16V | VAPOR VENT STACK |

- | NO | DESCRIPTION |
|-----|----------------------------|
| 19V | EMERGENCY ENGINE SHUT DOWN |
| 21V | HERMETIC GAUGE |
| 28V | DOCK CONNECTION ALARM |
| 50V | VAPOR HEADER |
| 51V | VAPOR PIPELINE |
| | ABOVE DECK PIPING |

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

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	02/15/19	MRV	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE 	
VAPOR PIPING FLOW DIAGRAM	
SCALE: NONE	CTCO 318
PAGE: 2 OF 2	REV. 0

TRINITY