

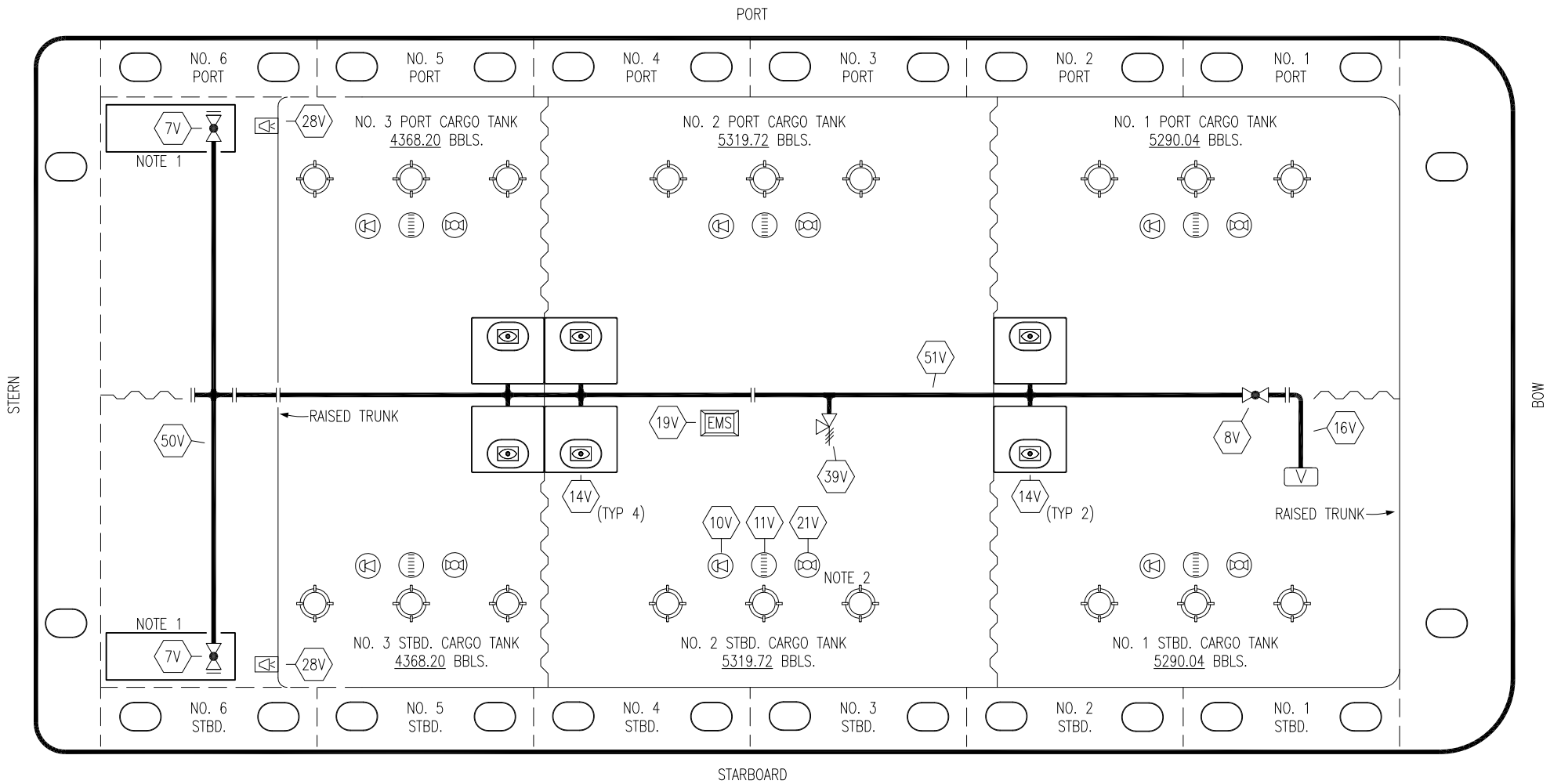
- |     |                          |     |                   |
|-----|--------------------------|-----|-------------------|
| NO  | DESCRIPTION              | NO  | DESCRIPTION       |
| 1C  | CARGO TANK VALVE         | 30C | CARGO PIPELINE    |
| 2C  | LOAD VALVE               | 37C | CARGO DROP   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

0	08/22/22	MRV	DDA	RAN	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

**KIRBY INLAND MARINE**

**CARGO  
PIPING FLOW DIAGRAM**


SCALE: NONE	<b>SMS 30015</b>	REV. <b>0</b>
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- |     |                            |     |                              |
|-----|----------------------------|-----|------------------------------|
| NO  | DESCRIPTION                | NO  | DESCRIPTION                  |
| 7V  | HEADER VALVE               | 21V | HERMETIC GAUGE               |
| 8V  | VENT STACK VALVE           | 28V | DOCK CONNECTION ALARM        |
| 10V | HIGH LEVEL/OVERFILL ALARM  | 39V | PRESSURE/VACUUM RELIEF VALVE |
| 11V | 1-METER GAUGE STICK        | 50V | VAPOR HEADER                 |
| 14V | SIGHT GLASS                | 51V | VAPOR PIPELINE               |
| 16V | VAPOR VENT STACK           | —   | ABOVE DECK PIPING            |
| 19V | EMERGENCY ENGINE SHUT DOWN |     |                              |

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

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 <b>KIRBY INLAND MARINE</b>	
<b>VAPOR PIPING FLOW DIAGRAM</b>	
SCALE: NONE	REV. 0
PAGE: 2 OF 2	<b>SMS 30015</b>