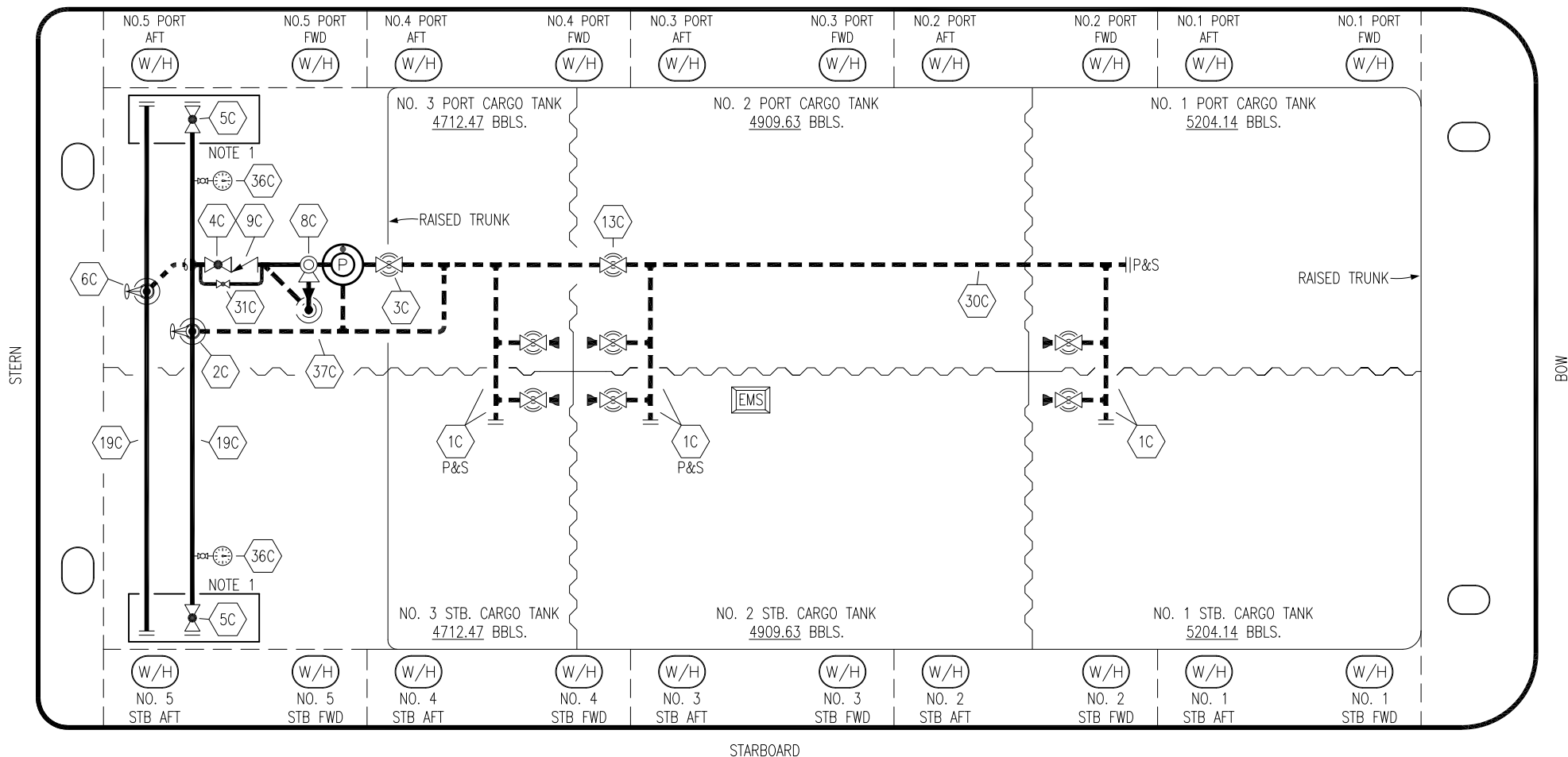



PORT




STARBOARD

- |    |                      |       |  |
|----|----------------------|-------|--|
| NO | DESCRIPTION          | NO    | DESCRIPTION  |
| 1C | CARGO TANK VALVE     | 13C   | CARGO PIPING BLOCK VALVE   |
| 2C | LOAD VALVE           | 19C   | CARGO HEADER   |
| 3C | MASTER SUCTION VALVE | 30C   | CARGO PIPELINE   |
| 4C | DISCHARGE VALVE      | 31C   | BYPASS VALVE   |
| 5C | HEADER VALVE         | 36C   | PRESSURE GAUGE   |
| 6C | SALVAGE VALVE        | 37C   | CARGO DROP  |
| 8C | RELIEF VALVE         | —     | — ABOVE DECK PIPING  |
| 9C | CHECK VALVE          | - - - | - - - BELOW DECK PIPING  |

NOTE 1: CONTAINMENT P/S

0	06/15/20	MRV	DDA	RJ	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION



**KIRBY INLAND MARINE**

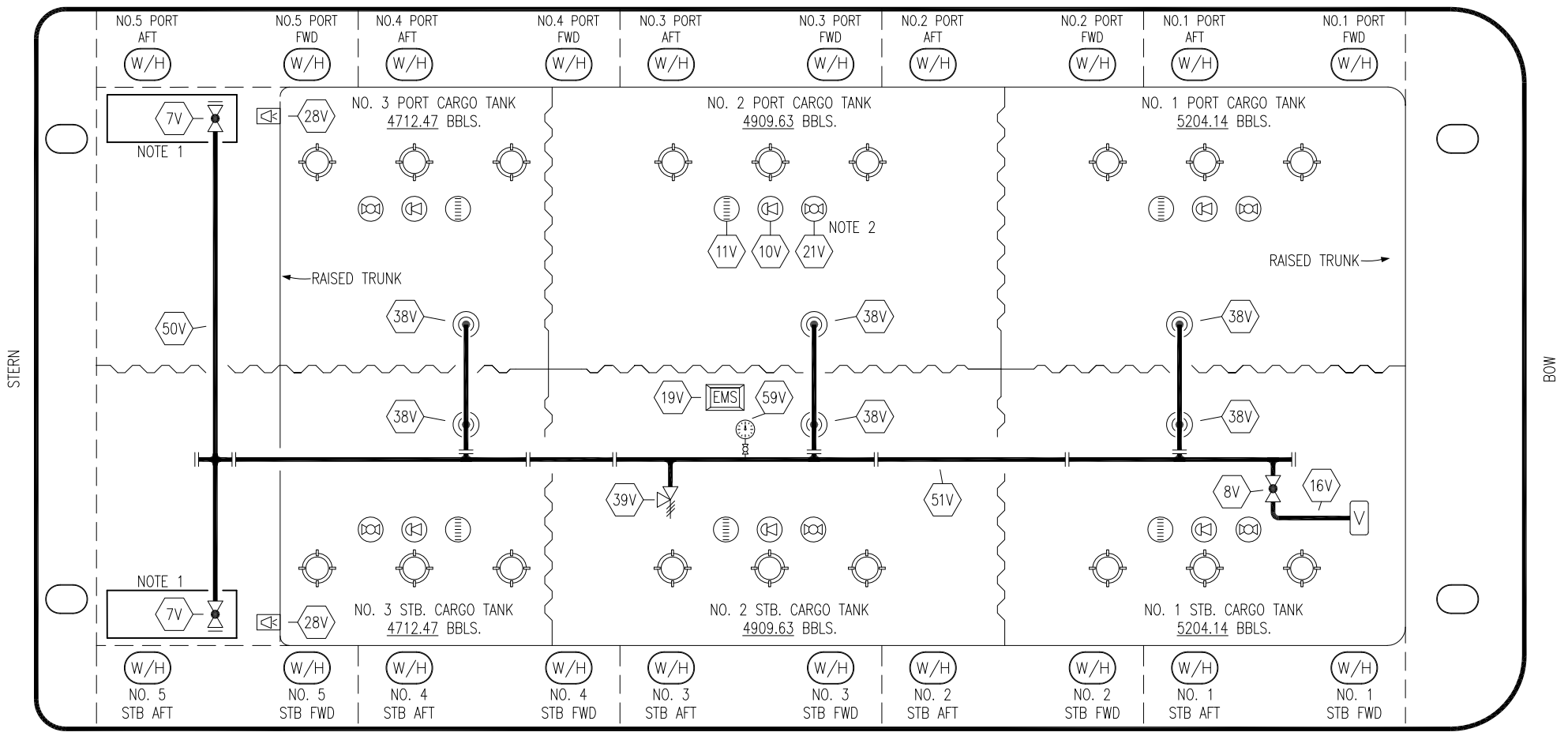
**CARGO**

**PIPING FLOW DIAGRAM**

**MMI 3047**

SCALE: NONE	REV. <b>0</b>
PAGE: 1 OF 3	

PORT




STARBOARD

- |     |                            |     |                          |
|-----|----------------------------|-----|--------------------------|
| NO  | DESCRIPTION                | NO  | DESCRIPTION              |
| 7V  | 8" HEADER VALVE            | 28V | DOCK CONNECTION ALARM    |
| 8V  | 8" VENT STACK VALVE        | 38V | 8" VAPOR PENETRATION (☉) |
| 10V | HIGH LEVEL/OVERFILL ALARM  | 39V | PRESSURE/VACUUM VALVE    |
| 11V | 1-METER GAUGE STICK        | 50V | 8" VAPOR HEADER          |
| 16V | VAPOR VENT STACK           | 51V | 8" VAPOR PIPELINE        |
| 19V | EMERGENCY ENGINE SHUT DOWN | 59V | PRESS/VAC GAUGE          |
| 21V | 2" HERMETIC GAUGE          | —   | ABOVE DECK PIPING        |

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

0	06/15/20	MRV	DDA	RJ	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

 <b>KIRBY INLAND MARINE</b>	
<b>VAPOR                  PIPING FLOW DIAGRAM</b>	
SCALE: NONE	<b>MMI 3047</b>
PAGE: 2 OF 3	REV. <b>0</b>

