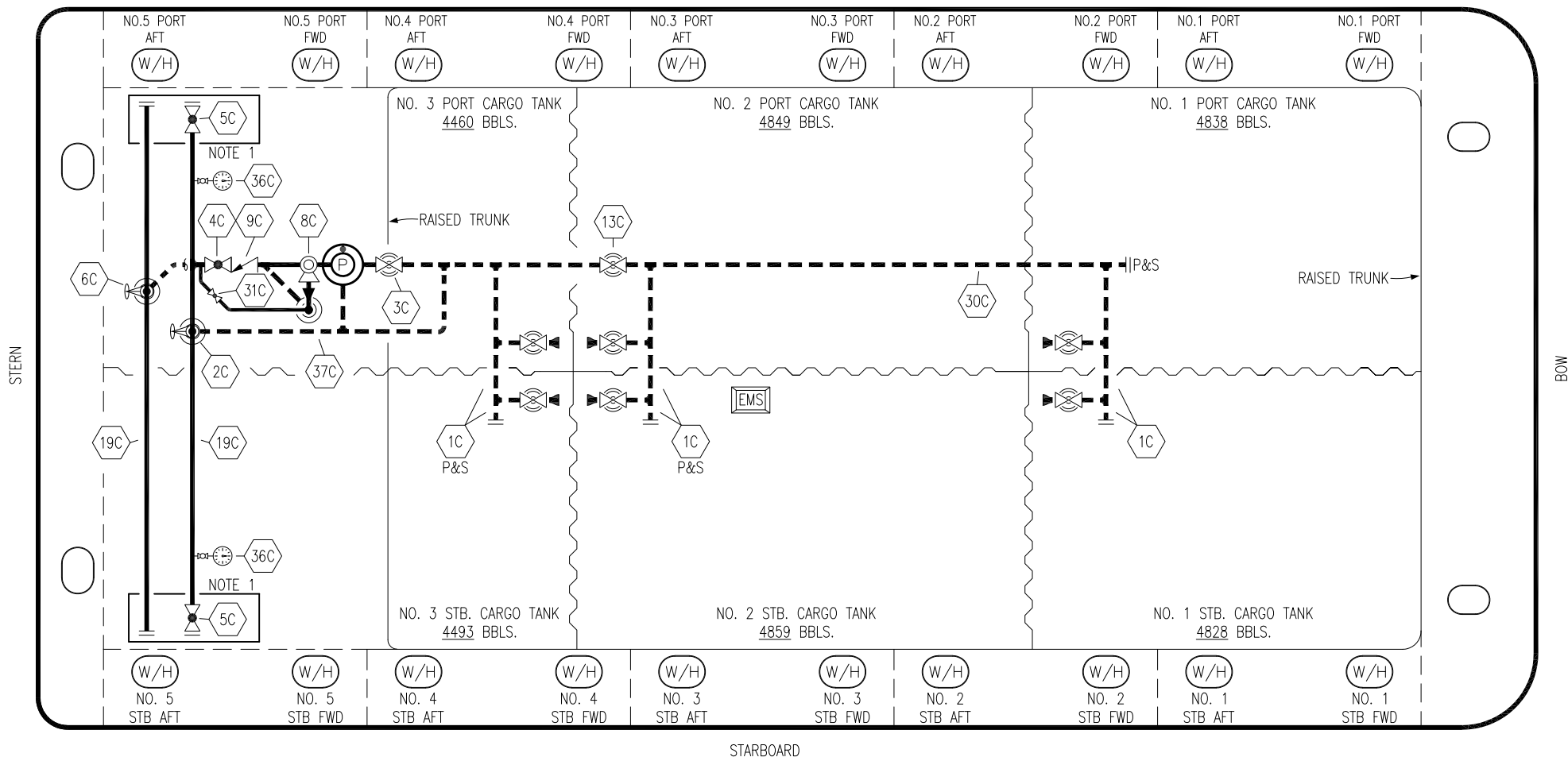


PORT



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	12/27/18	MRV	DDA	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP
				REVISION DESCRIPTION

KIRBY INLAND MARINE

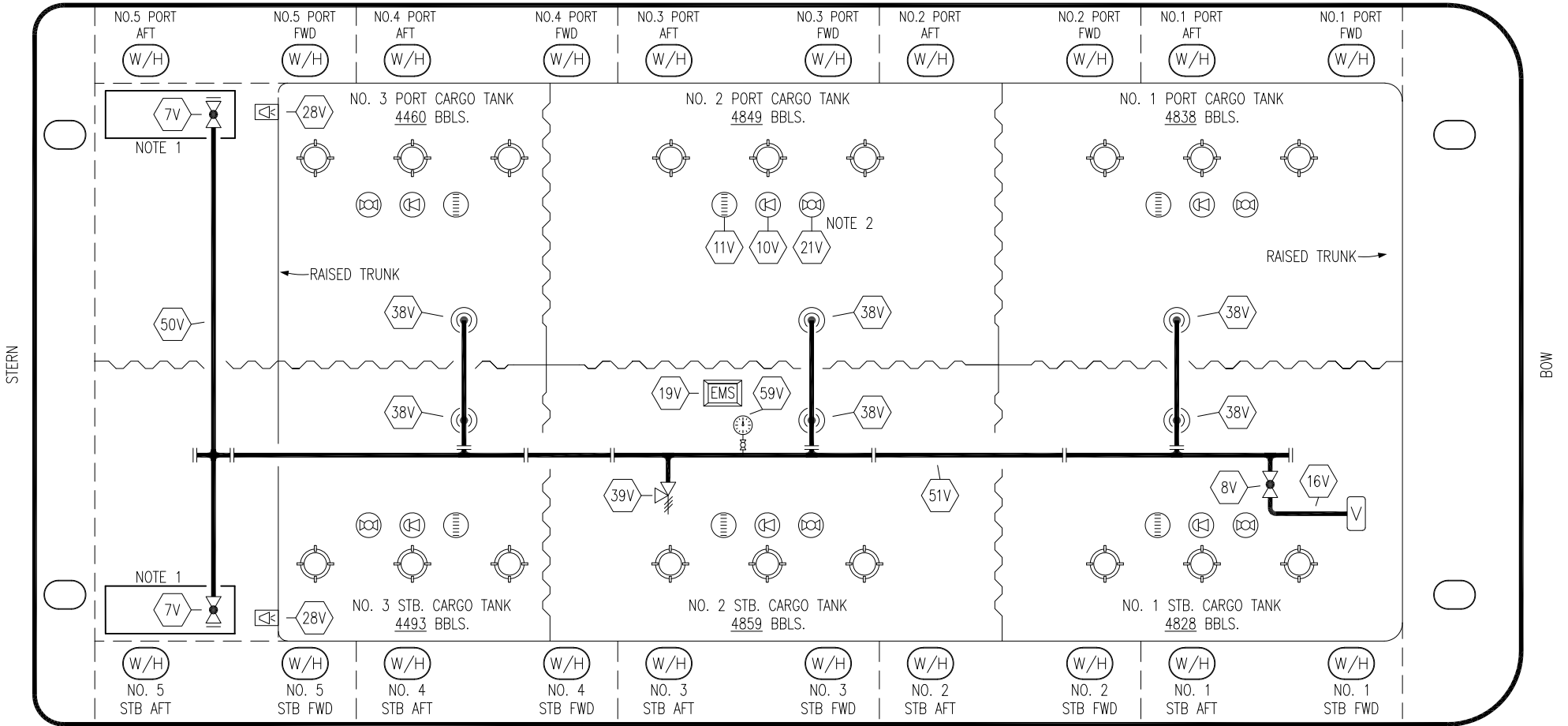
**CARGO  
PIPING FLOW DIAGRAM**

**MMI 3037**

SCALE: NONE  
PAGE: 1 OF 3

REV. **0**

PORT




STARBOARD

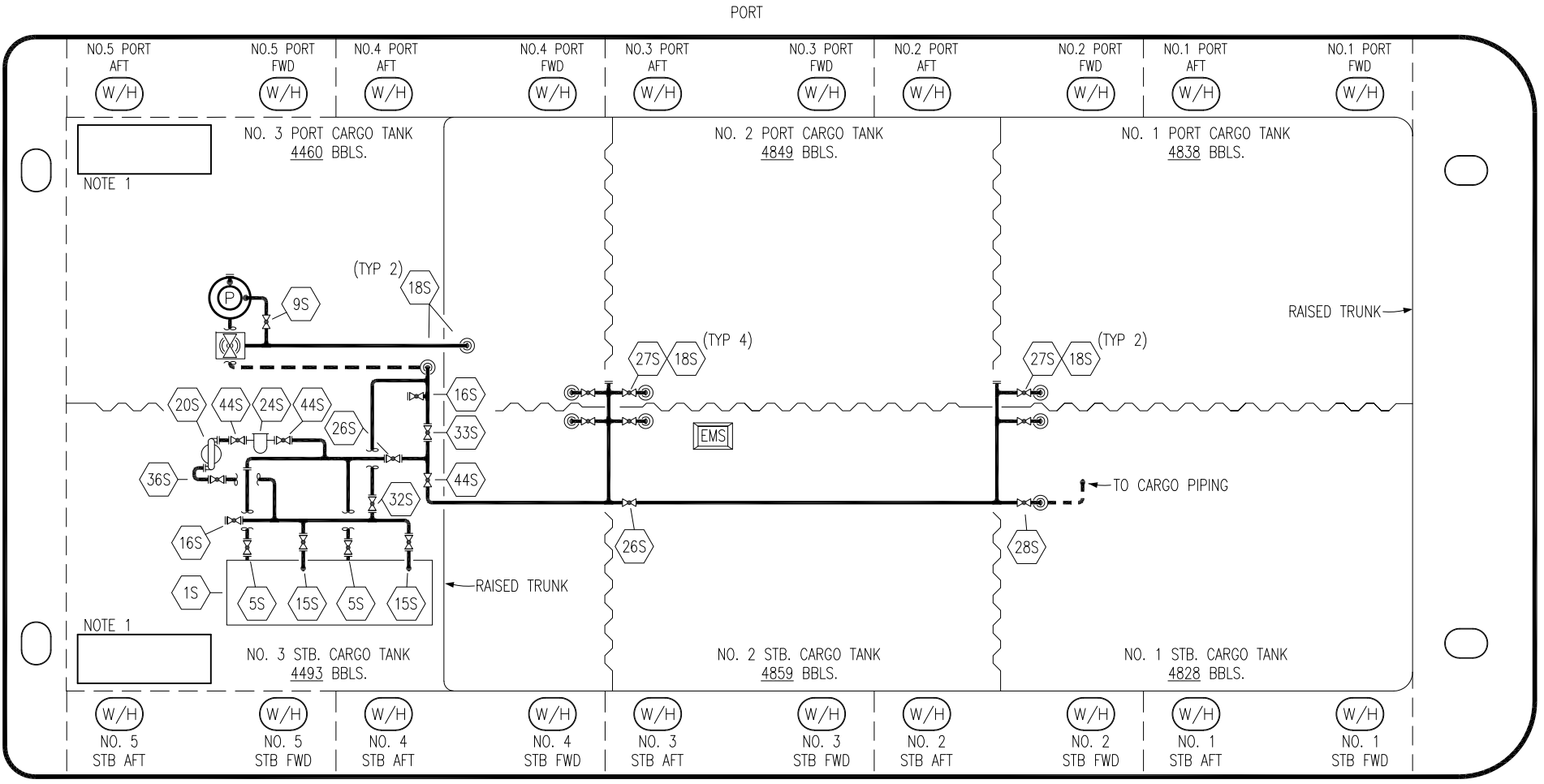
- |     |                            |     |                        |
|-----|----------------------------|-----|------------------------|
| NO  | <u>DESCRIPTION</u>         | NO  | <u>DESCRIPTION</u>     |
| 7V  | 8" HEADER VALVE            | 28V | DOCK CONNECTION ALARM  |
| 8V  | 8" VENT STACK VALVE        | 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

					<p>KIRBY INLAND MARINE </p>	
					<p><b>VAPOR</b></p>	
					<p><b>PIPING FLOW DIAGRAM</b></p>	
0	12/27/18	MRV	DDA	ISSUED FOR APPROVAL	SCALE: NONE	<p><b>MMI 3037</b></p>
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	

REV. **0**



PORT

STARBOARD

STERN

BOW

- |     |                                |              |                              |
|-----|--------------------------------|--------------|------------------------------|
| NO  | DESCRIPTION                    | NO           | DESCRIPTION                  |
| 1S  | SLOP TANK                      | 26S          | STRIPPING HEADER BLOCK VALVE |
| 5S  | SLOP TANK SUCTION VALVE        | 27S          | SUMP SUCTION VALVE           |
| 9S  | BURP VALVE                     | 28S          | CARGO PIPING SUCTION         |
| 15S | DISCHARGE VALVE                | 32S          | PUMP WELL PRIMER VALVE       |
| 16S | REMOTE SUCTION CONNECTION      | 33S          | PUMP WELL SUCTION            |
| 18S | TYP. STRIPPING PENETRATION (⊙) | 36S          | STRIPPING PUMP DISCHARGE     |
| 20S | STRIPPING PUMP                 | 44S          | STRIPPING PUMP SUCTION       |
| 24S | BASKET STRAINER                | <b>—</b>     | ABOVE DECK PIPING            |
|     |                                | <b>- - -</b> | BELOW DECK PIPING            |

NOTE 1: CONTAINMENT P/S

0	12/27/18	MRV	DDA			ISSUED FOR APPROVAL	
REV.	DATE	BY	CHK	APP	REVISION	DESCRIPTION	

KIRBY INLAND MARINE 

**STRIPPING  
PIPING FLOW DIAGRAM**