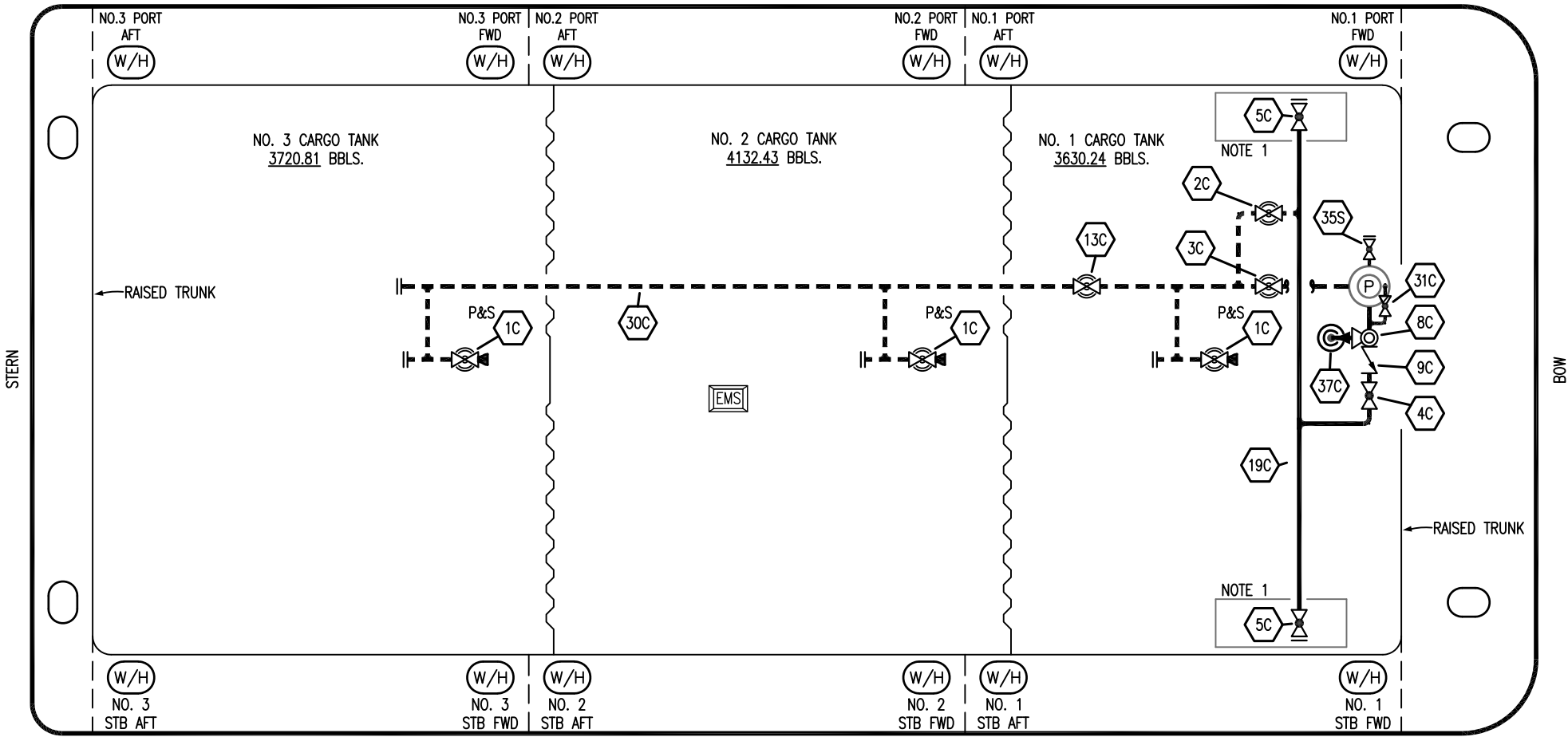


PORT



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         | 35S | STRIPPING VALVE          |
| 8C | RELIEF VALVE         | 37C | CARGO DROP               |
| 9C | CHECK VALVE          |     | ABOVE DECK PIPING        |
|    |                      |     | BELOW DECK PIPING        |

NOTE 1: CONTAINMENT P/S

EX: CGBM 121

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	01/04/24	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL

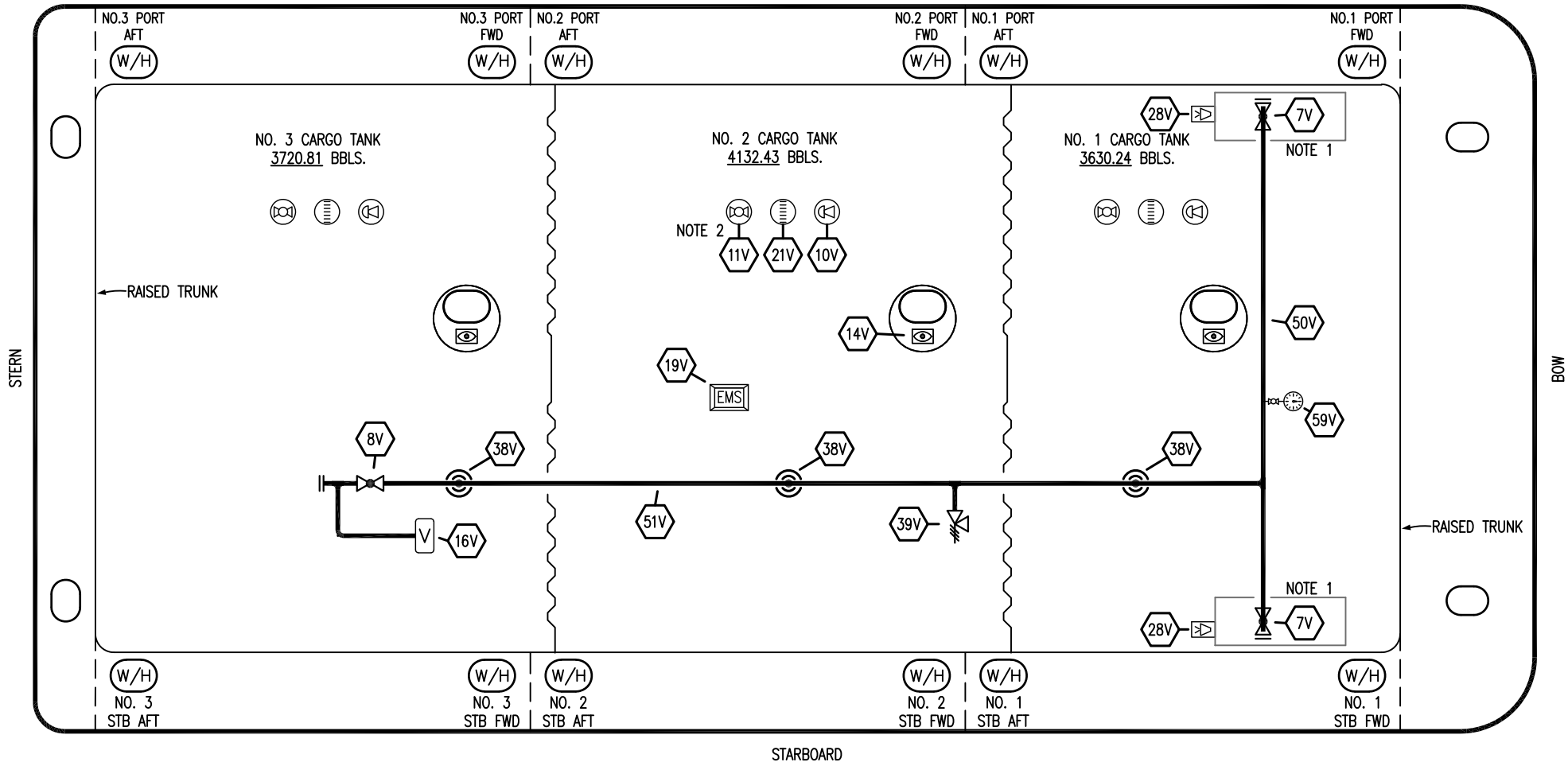
**KIRBY INLAND MARINE**

**CARGO**

**PIPING FLOW DIAGRAM**

SCALE: NONE	<b>KIRBY 11344</b>
PAGE: 1 OF 2	<b>REV. 1</b>

PORT



NO	DESCRIPTION	NO	DESCRIPTION
7V	HEADER VALVE	28V	DOCK CONNECTION ALARM
8V	VENT STACK VALVE	38V	VAPOR PENETRATION ☉
10V	HIGH LEVEL/OVERFILL ALARM	39V	PRESSURE/VACUUM VALVE
11V	1-METER GAUGE STICK	50V	VAPOR HEADER
14V	SIGHT GLASS	51V	VAPOR PIPELINE
16V	VAPOR VENT STACK	59V	PRESS/VAC GAUGE
19V	EMERGENCY ENGINE SHUT DOWN	—	ABOVE DECK PIPING
21V	HERMETIC GAUGE		

NOTE 2: TYPICAL RIGGING IN EACH TANK

NOTE 1: CONTAINMENT P/S

EX: CGBM 121

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	01/04/24	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL

**KIRBY INLAND MARINE** 

**VAPOR  
PIPING FLOW DIAGRAM**

SCALE: NONE  
PAGE: 2 OF 2

**KIRBY 11344**

REV. **1**