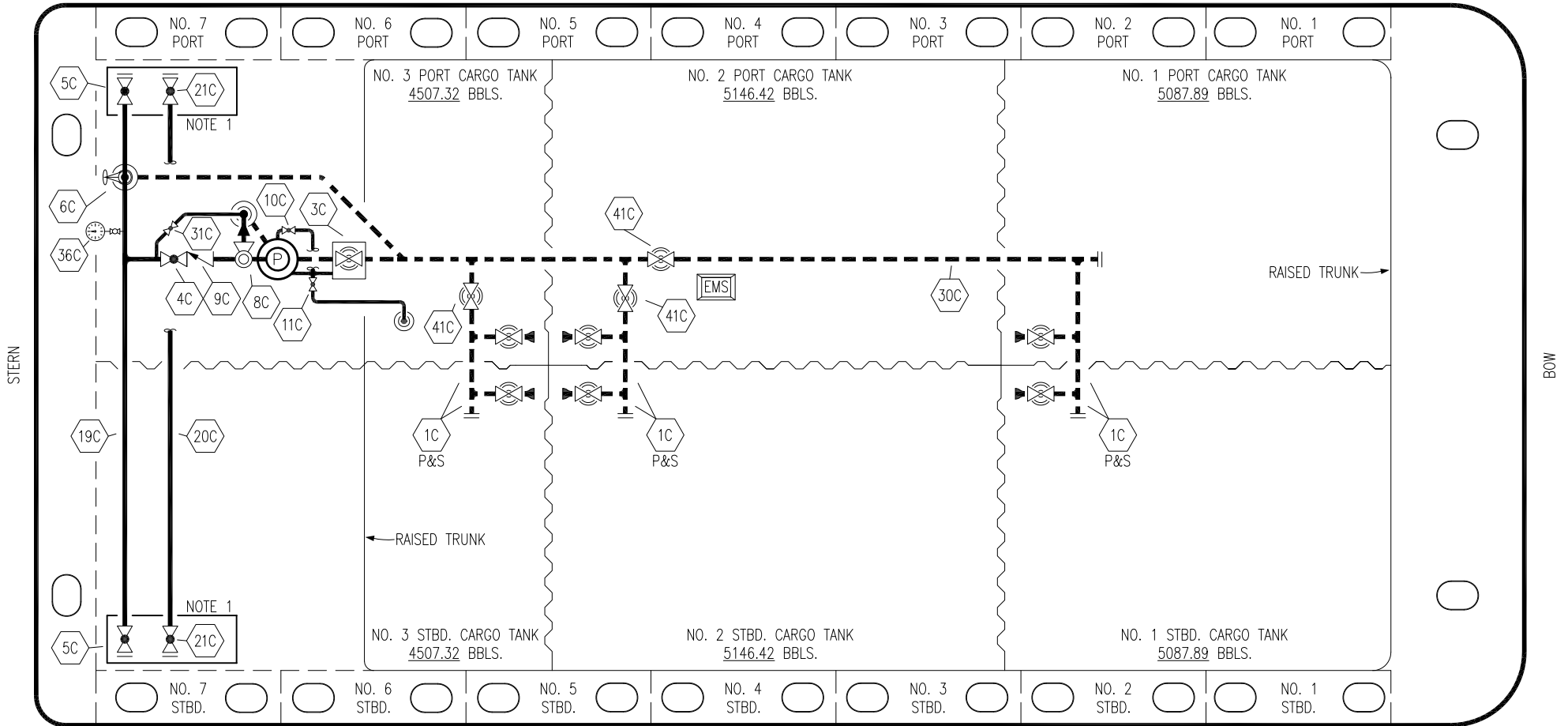


PORT



STERN

BOW

STARBOARD

- | | | | |
|-----|---------------------------------|-------|-------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1C | CARGO TANK VALVE | 19C | CARGO HEADER |
| 2C | LOAD VALVE | 20C | DUMMY PIPELINE |
| 3C | MASTER SUCTION VALVE | 21C | DUMMY HEADER VALVE |
| 4C | DISCHARGE VALVE | 30C | CARGO PIPELINE |
| 5C | HEADER VALVE | 31C | BYPASS VALVE |
| 6C | SALVAGE VALVE | 36C | PRESSURE GAUGE |
| 8C | RELIEF VALVE | 37C | CARGO DROP |
| 9C | CHECK VALVE | 41C | SUCTION BLOCK VALVE |
| 10C | BURP VALVE | — | — ABOVE DECK PIPING |
| 11C | BLEED OFF VALVE | - - - | - - - BELOW DECK PIPING |
| 12C | BURP VALVE RETURN TO CARGO TANK | | |

NOTE 1: CONTAINMENT P/S

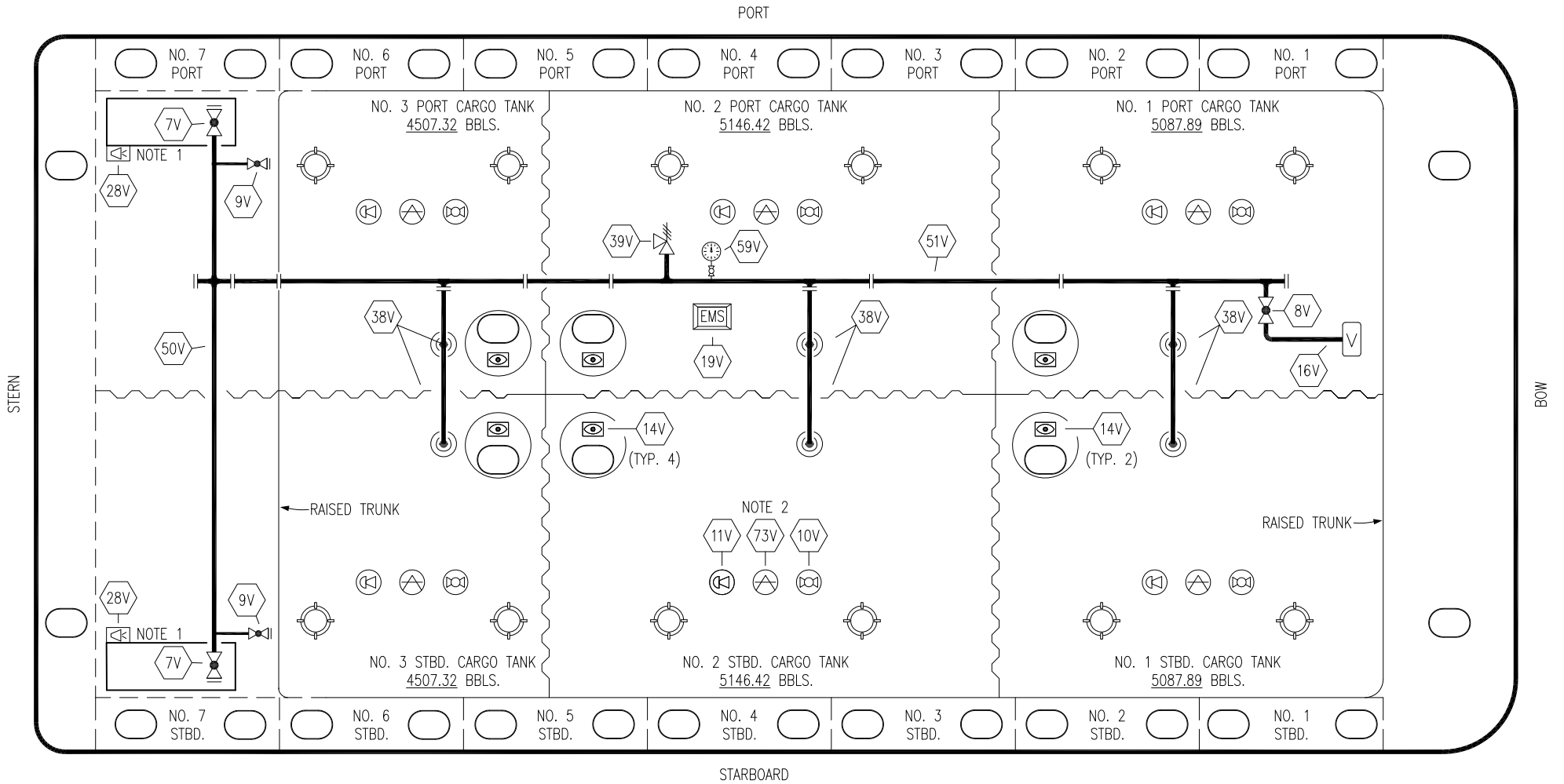
EX: SMS 30021

0	06/22/21	MRV	DDA	CW	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

KIRBY INLAND MARINE

**CARGO
PIPING FLOW DIAGRAM**


SCALE: NONE	KIRBY 29145	REV. 0
PAGE: 1 OF 3		



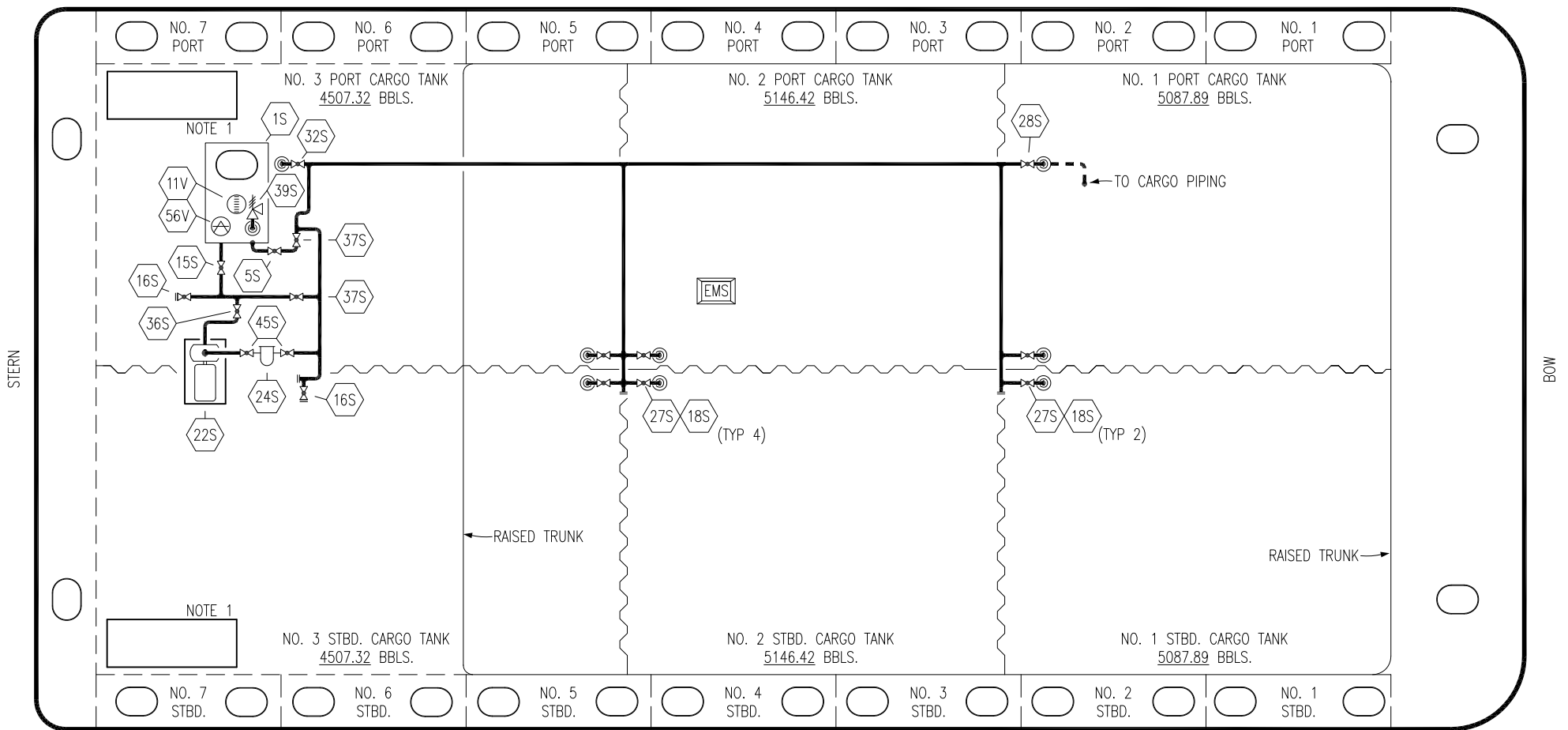
NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	38V	8" VAPOR PENETRATION
8V	8" VENT STACK VALVE	39V	PRESSURE/VACUUM VALVE
9V	DRAIN VALVE	50V	8" VAPOR HEADER
10V	HIGH LEVEL/OVERFILL ALARM	51V	8" VAPOR PIPELINE
11V	1-METER GAUGE STICK	59V	PRESS/VAC GAUGE
16V	VAPOR VENT STACK	73V	MMC GAUGE POINT
19V	EMERGENCY ENGINE SHUT DOWN	—	ABOVE DECK PIPING
28V	DOCK CONNECTION ALARM		

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

EX: SMS 30021

						KIRBY INLAND MARINE 					
								VAPOR PIPING FLOW DIAGRAM			
						0 06/22/21 MRV DDA CW ISSUED FOR APPROVAL				SCALE: NONE	
						REV. DATE BY CHK APP REVISION DESCRIPTION				PAGE: 2 OF 3	
KIRBY 29145						REV. 0					

PORT




NO	DESCRIPTION	NO	DESCRIPTION
1S	SLOP TANK	33S	PUMP WELL SUCTION VALVE
5S	SLOP TANK SUCTION VALVE	34S	DEEPWELL PRIME VALVE
15S	RETURN TO TANK	36S	STRIPPING PUMP DISCHARGE VALVE
16S	REMOTE SUCTION CONNECTION	37S	BLOCK VALVE
18S	STRIPPING DROP (⊙)	39S	P/V VALVE
22S	STRIPPING PUMP	45S	STRIPPING PUMP SUCTION VALVE
24S	BASKET STRAINER	11V	GAUGE STICK
26S	STRIPPING HEADER BLOCK VALVE	56V	GAUGE POINT
27S	SUMP SUCTION VALVE	—	ABOVE DECK PIPING
28S	CARGO PIPING SUCTION	- - -	BELOW DECK PIPING
32S	PUMP WELL PRIMER VALVE		

STARBOARD

NOTE 1: CONTAINMENT P/S

EX: SMS 30021

0	06/22/21	MRV	DDA	CW	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION



KIRBY INLAND MARINE

**STRIPPING
PIPING FLOW DIAGRAM**

KIRBY 29145

SCALE: NONE	REV. 0
PAGE: 3 OF 3	