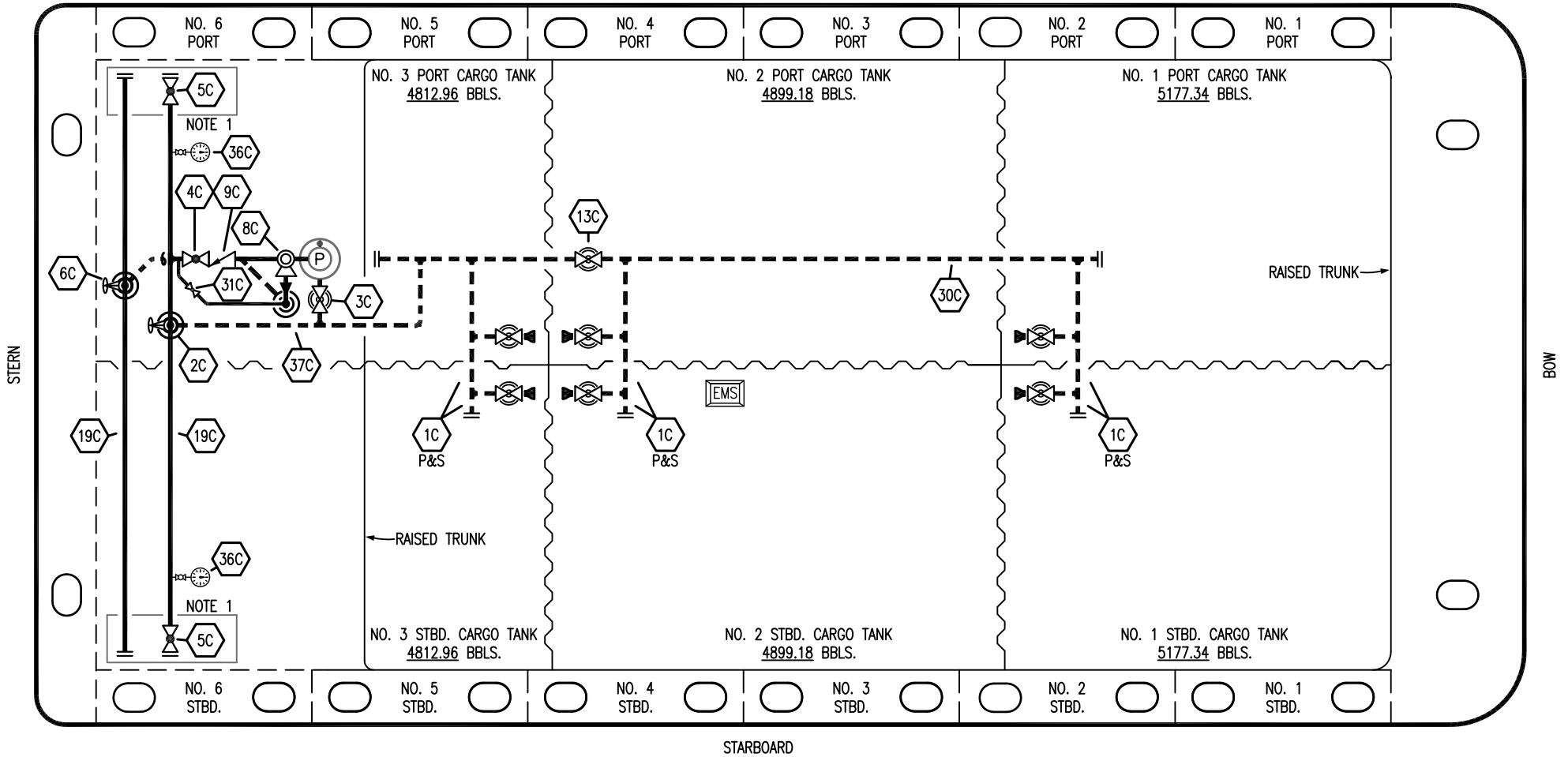



PORT



STERN

BOW


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

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	08/25/23	MRV	DDA	MW	REVISED PER CLIENT COMMENTS
0	08/10/18	WFB	DDA		ISSUED FOR APPROVAL

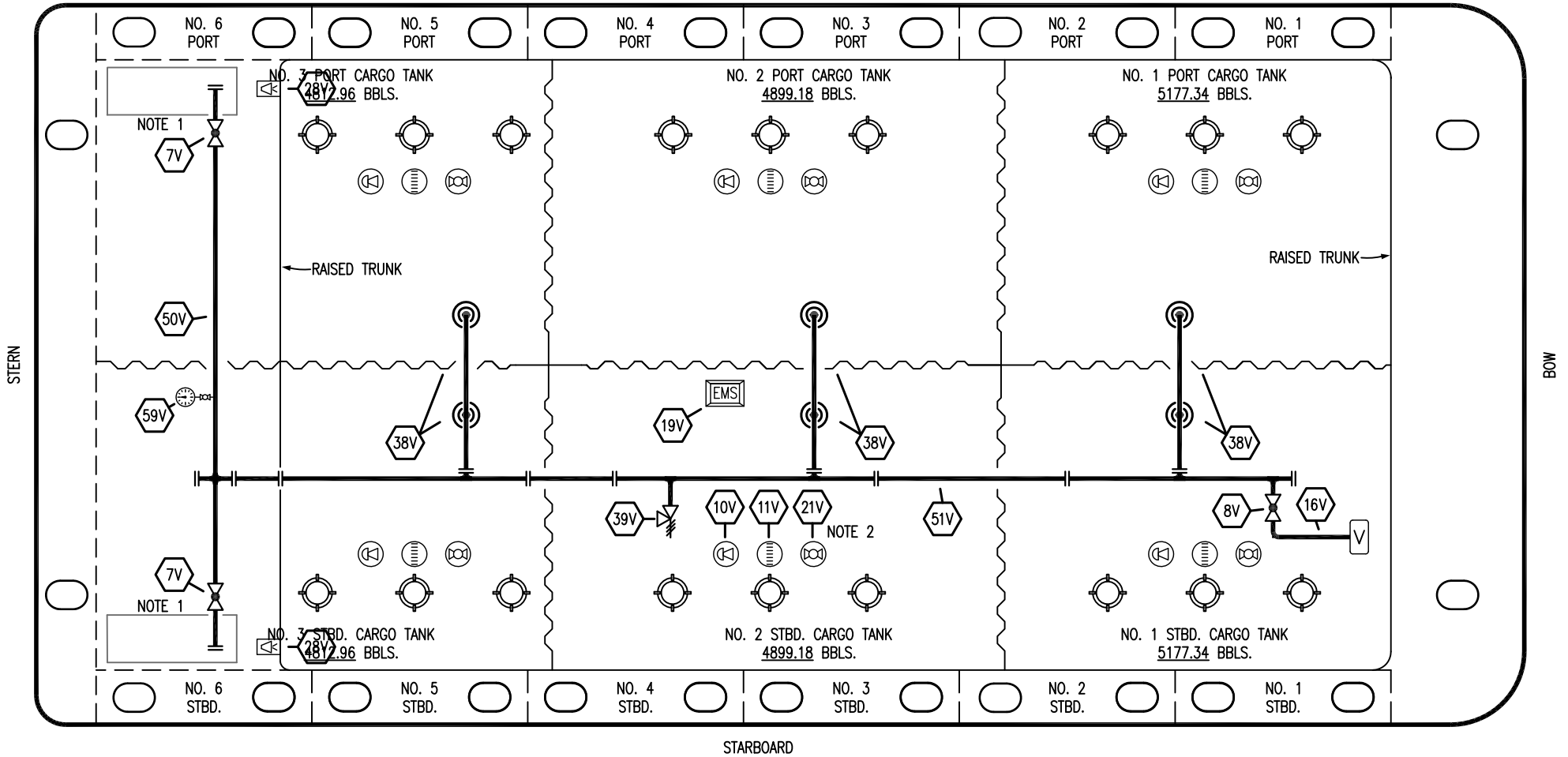
TRINITY

KIRBY INLAND MARINE 

**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE	MMI 3033
PAGE: 1 OF 3	REV. 1

PORT



STARBOARD

- | | | | |
|-----|----------------------------|-----|-----------------------|
| 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 |
| 16V | VAPOR VENT STACK | 51V | VAPOR PIPELINE |
| 19V | EMERGENCY ENGINE SHUT DOWN | 59V | PRESS/VAC GAUGE |
| 21V | HERMETIC GAUGE | — | ABOVE DECK PIPING |

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

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	08/25/23	MRV	DDA	MW	REVISED PER CLIENT COMMENTS
0	08/10/18	WFB	DDA		ISSUED FOR APPROVAL

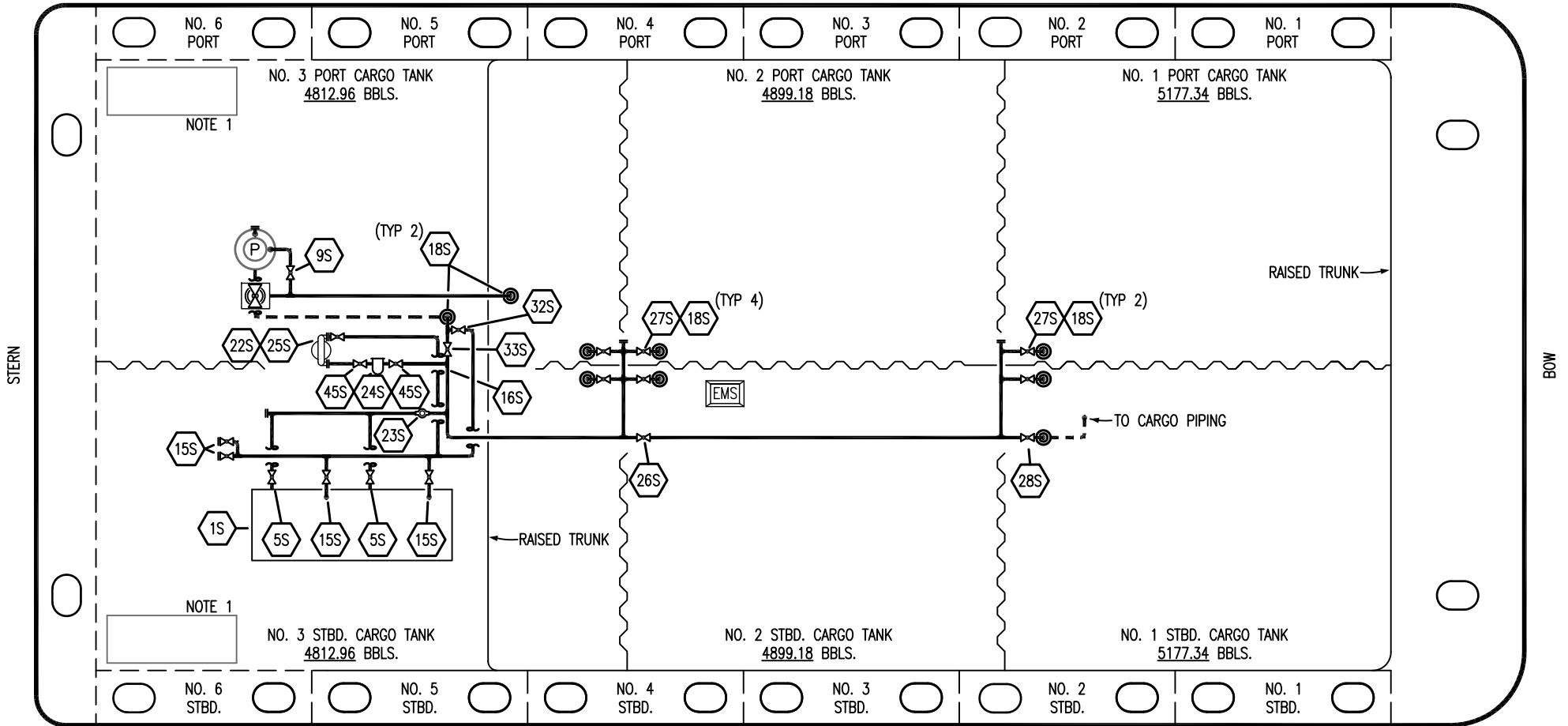
TRINITY

KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

SCALE: NONE	MMI 3033	REV. 1
PAGE: 2 OF 3		

PORT



STARBOARD

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
22S	STRIPPING PUMP	45S	STRIPPING PUMP SUCTION
23S	FLOW INDICATOR	—	ABOVE DECK PIPING
25S	STRIPPING PUMP DISCHARGE VALVE	- - -	BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	08/25/23	MRV	DDA	MW	REVISED PER CLIENT COMMENTS
0	08/10/18	WFB	DDA		ISSUED FOR APPROVAL

TRINITY

KIRBY INLAND MARINE

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE	MMI 3033
PAGE: 3 OF 3	REV. 1