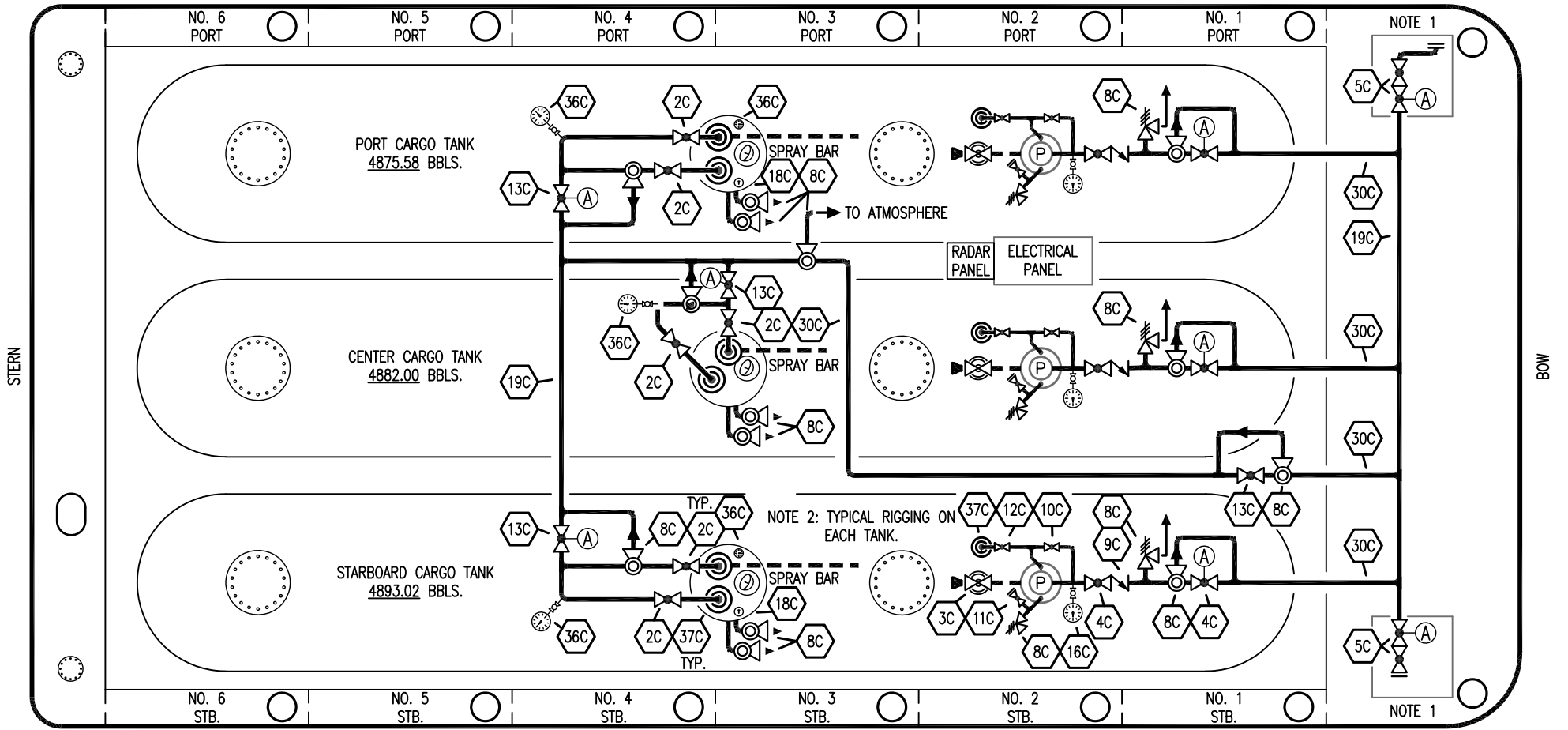


PORT



STARBOARD

- |     |                                 |       |                          |
|-----|---------------------------------|-------|--------------------------|
| NO  | DESCRIPTION                     | NO    | DESCRIPTION              |
| 2C  | LOAD VALVE (BOTTOM FILL)        | 16C   | DISCHARGE PRESSURE GAUGE |
| 2C  | LOAD VALVE (SPRAY BAR)          | 18C   | TEMPERATURE GAUGE        |
| 3C  | MASTER SUCTION VALVE            | 19C   | CARGO HEADER             |
| 4C  | DISCHARGE VALVE                 | 30C   | CARGO PIPELINE           |
| 5C  | HEADER VALVE                    | 32V   | TEMPERATURE GAUGE        |
| 8C  | RELIEF VALVE                    | 36C   | PRESSURE GAUGE           |
| 9C  | CHECK VALVE                     | 37C   | CARGO DROP               |
| 10C | BURP VALVE                      | (A)   | AUTOMATIC                |
| 11C | BLEED OFF VALVE                 | —     | ABOVE DECK PIPING        |
| 12C | BURP VALVE RETURN TO CARGO TANK | - - - | BELOW DECK PIPING        |
| 13C | CARGO PIPING BLOCK VALVE        |       |                          |

NOTE 1: CONTAINMENT P&S  
NOTE 2: TYPICAL RIGGING ON EACH TANK

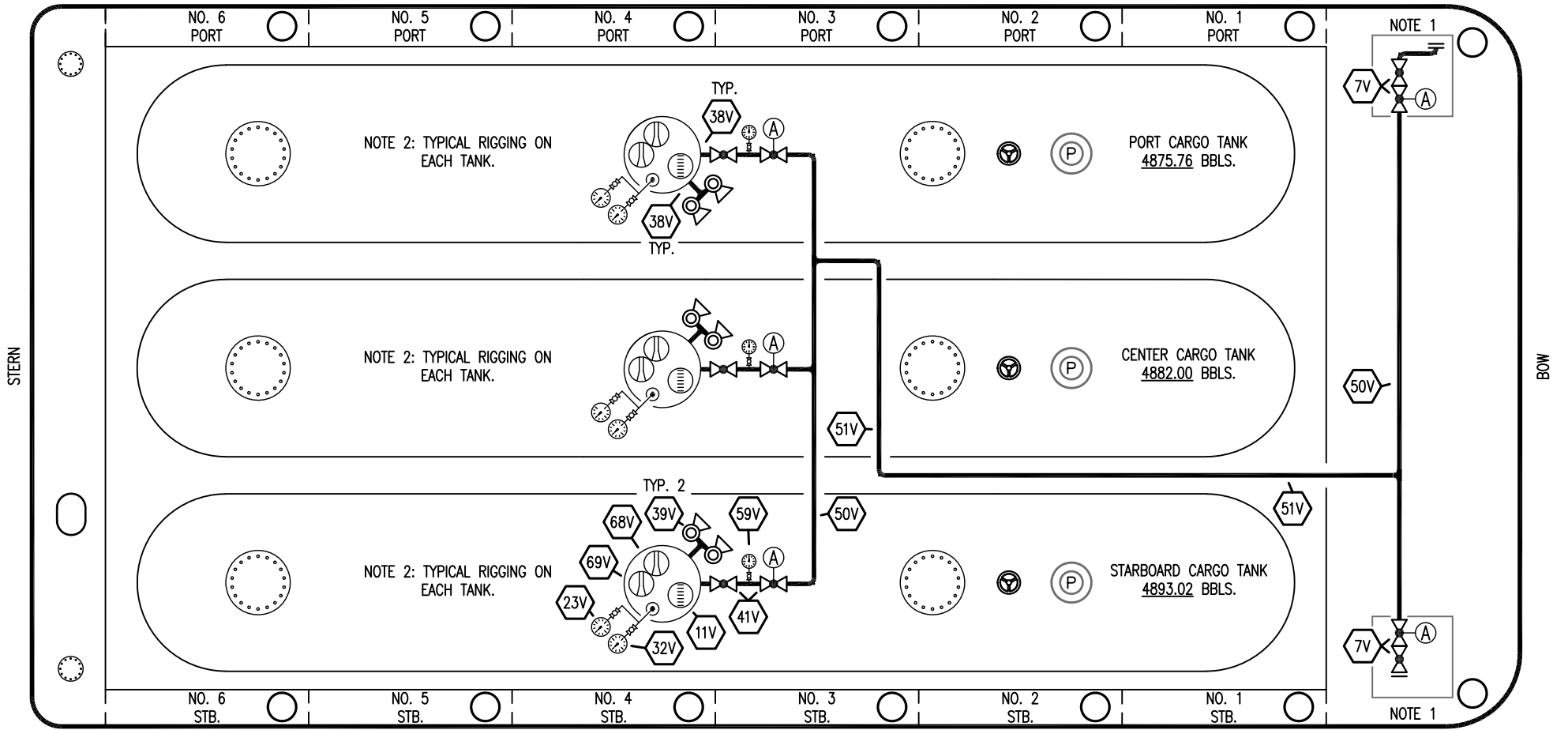
MISENER SHIPYARD - EX: DC 530

**KIRBY INLAND MARINE** 

**CARGO  
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	05/03/24	AC	DDA	DAR	REVISED PER CLIENT COMMENTS
1	02/14/14	GP	GP	OF	REVISED PER CLIENT COMMENTS
0	01/11/10	RB	RB	OF	APPROVED

PORT



STERN

BOW

STARBOARD

- |     |                       |
|-----|-----------------------|
| NO  | DESCRIPTION           |
| 7V  | HEADER VALVE          |
| 11V | GAUGE STICK           |
| 23V | PRESSURE GAUGE        |
| 32V | TEMPERATURE GAUGE     |
| 38V | VAPOR PENETRATION (C) |
| 39V | PRESSURE/VACUUM VALVE |
| 41V | VAPOR TANK VALVE      |
| 50V | VAPOR HEADER          |

- |     |                       |
|-----|-----------------------|
| NO  | DESCRIPTION           |
| 51V | VAPOR PIPELINE        |
| 59V | PRESS/VAC GAUGE       |
| 68V | LOW LEVEL SPRAY TUBE  |
| 69V | HIGH LEVEL SPRAY TUBE |
| (A) | AUTOMATIC VALVE       |
| —   | ABOVE DECK PIPING     |

NOTE 1: CONTAINMENT P&S  
NOTE 2: TYPICAL RIGGING ON EACH TANK

MISENER SHIPYARD — EX: DC 530

0	05/03/24	AC	DDA	DAR	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

KIRBY INLAND MARINE

VAPOR  
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 14803	REV. 0
PAGE: 2 OF 2		