

NO	DESCRIPTION	NO	DESCRIPTION
1C	CARGO TANK HIGH SUCTION	9C	CHECK VALVE
1Ca	CARGO TANK LOW SUCTION	11C	BLEED OFF VALVE
2C	LOAD VALVE	19C	CARGO HEADER
3C	MASTER SUCTION VALVE	30C	CARGO PIPELINE
4C	DISCHARGE VALVE	36C	PRESSURE GAUGE
5C	HEADER VALVE	37C	CARGO DROP
6C	SALVAGE VALVE	—	— ABOVE DECK PIPING
8C	RELIEF VALVE	---	--- BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

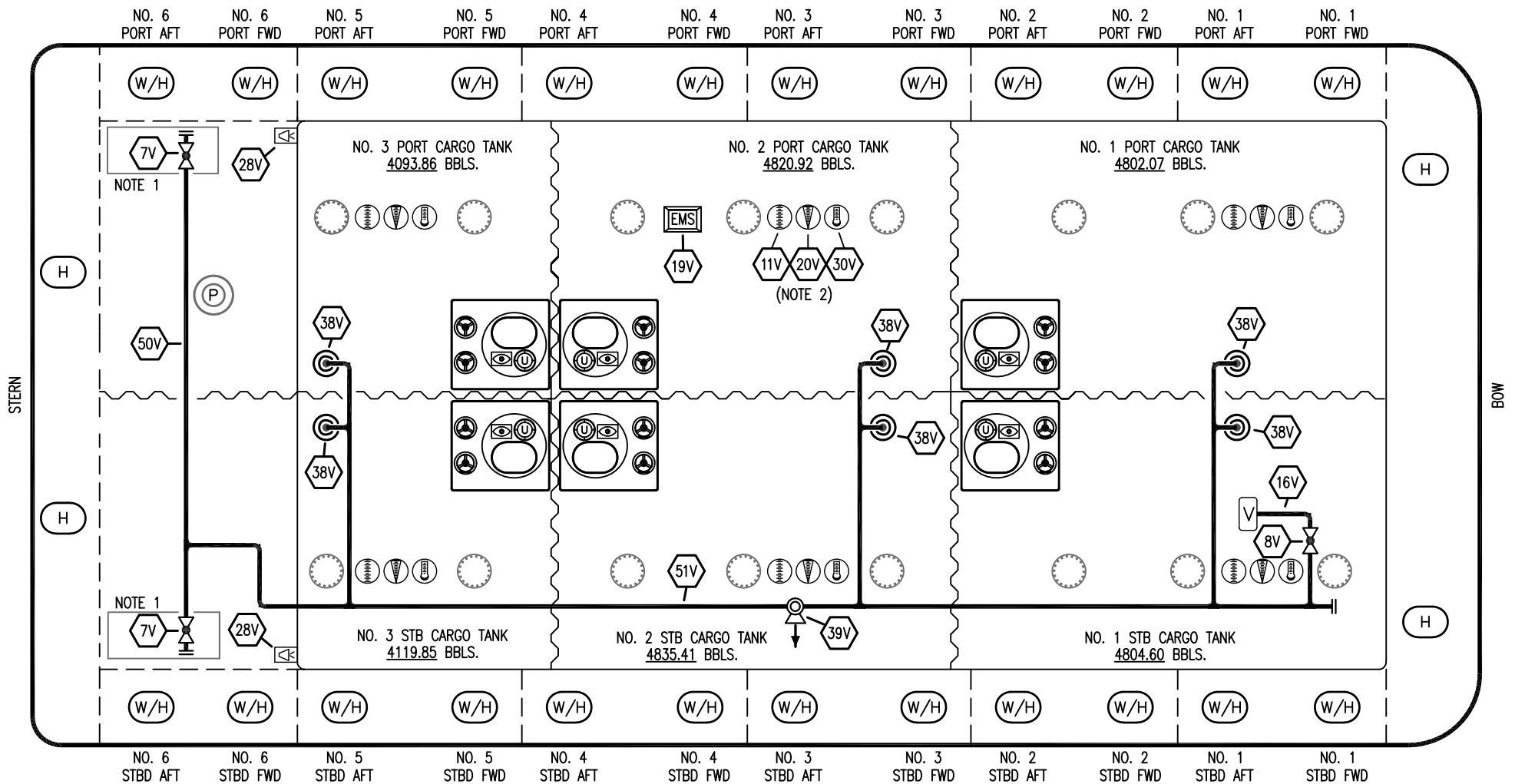
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	04/10/23	MRV	DDA	DC	REVISED PER CLIENT COMMENTS
1	12/03/18	MRV	DDA	OF	ADDED HOT OIL DIAGRAM
0	11/23/09	RB	RB	OF	APPROVED

KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 27725	REV.
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- | | |
|-----|--|
| NO | DESCRIPTION |
| 7V | HEADER VALVE |
| 8V | VENT STACK VALVE |
| 11V | 1-METER GAUGE STICK |
| 16V | VAPOR VENT STACK |
| 19V | EMERGENCY ENGINE SHUT DOWN |
| 20V | PORTABLE TEMPERATURE DISPLAY UNIT (PTDU) |
| 28V | DOCK CONNECTION ALARM |
| 30V | THERMAL WELL WITH PIPE CAP |

- | | |
|-----|-------------------------------|
| NO | DESCRIPTION |
| 38V | VAPOR DROP OR PENETRATION (☉) |
| 39V | PRESSURE/VACUUM RELIEF VALVE |
| 40V | SLOP TANK SUCTION VALVE |
| 50V | VAPOR HEADER |
| 51V | VAPOR PIPELINE |
| — | ABOVE DECK PIPING |

NOTE 2: TYPICAL RIGGING IN EACH TANK
 NOTE 1: 6 BARREL DRIP PAN

TRINITY MARINE

0	04/10/23	MRV	DDA	DC	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

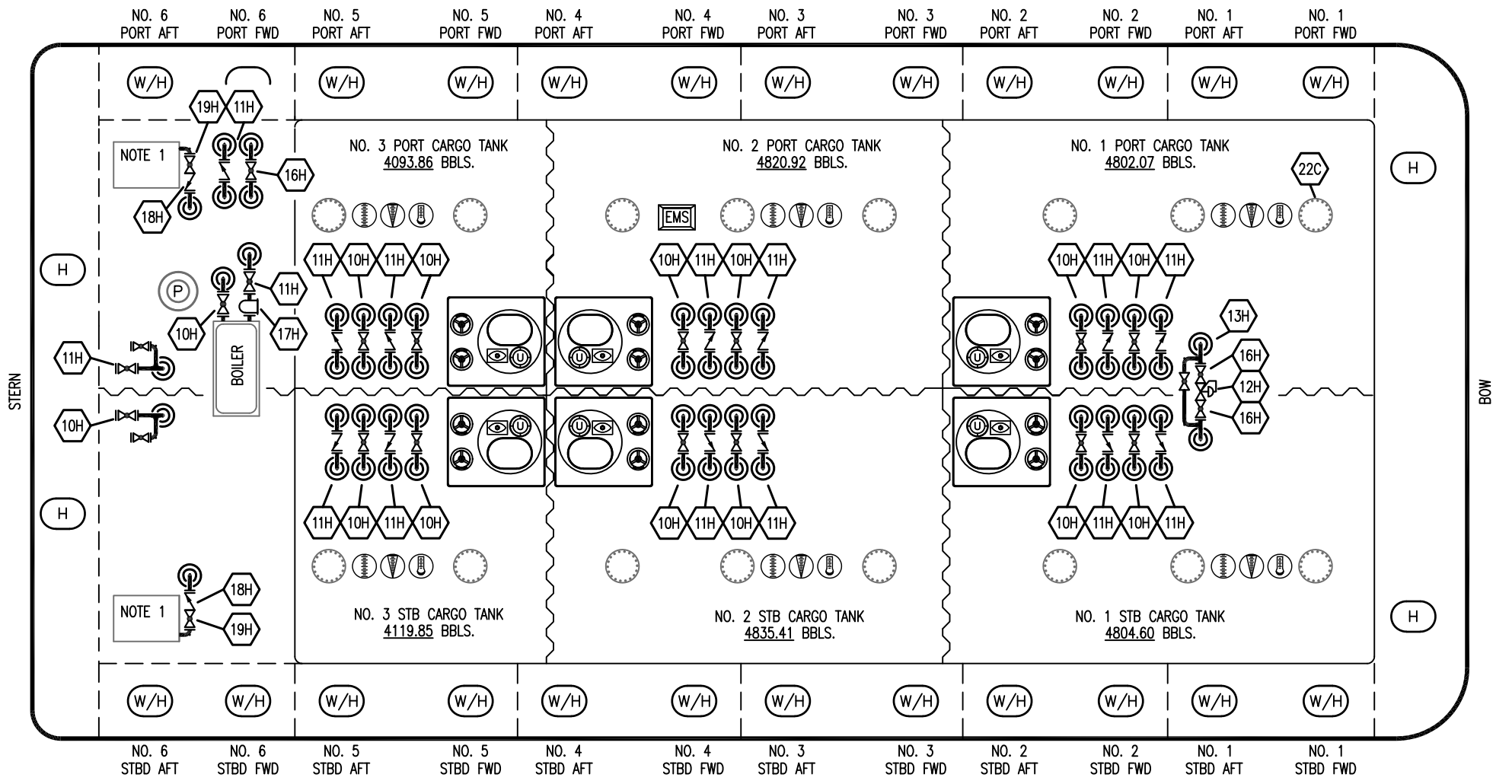


KIRBY INLAND MARINE

VAPOR PIPING FLOW DIAGRAM

KIRBY 27725

SCALE: NONE
PAGE: 2 of 3




- | NO | DESCRIPTION |
|-----|----------------------|
| 10H | SUPPLY VALVE |
| 11H | RETURN |
| 12H | PRESSURE REGULATOR |
| 13H | BY-PASS |
| 16H | ISOLATION VALVE |
| 17H | BASKET STRAINER |
| 18H | CHECK VALVE |
| 19H | DRIP PAN DRAIN VALVE |
- ABOVE DECK PIPING

NOTE 1: 6 BARREL DRIP PAN

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	04/10/23	MRV	DDA	DC	REVISED PER CLIENT COMMENTS
0	12/03/18	MRV	DDA	OF	ISSUED FOR APPROVAL



KIRBY INLAND MARINE

HOT OIL PIPING FLOW DIAGRAM

KIRBY 27725

SCALE: NONE	REV. 1
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