

- | | | | |
|-----|---------------------|-----|----------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1C | 8" CARGO TANK VALVE | 19C | 8" CARGO HEADER |
| 2C | LOAD VALVE | 30C | 8" CARGO PIPELINE |
| 2Ca | SPRAY TOP VALVE | 36C | PRESSURE GAUGE |
| 2Cb | BOTTOM LOAD VALVE | 37C | 8" CARGO PENETRATION |
| 5C | 8" HEADER VALVE | | ABOVE DECK PIPING |
| 8C | RELIEF VALVE | (M) | MANUAL |
| | | (A) | AUTOMATIC |

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

MISSNER - EX: DC 515

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	09/03/20	DLW	DDA	CW	REVISED PER CLIENT COMMENTS
2	08/19/20	MRV	DDA	CW	REVISED PER CLIENT COMMENTS
1	03/07/17	WFB	DDA		REVISED PER CLIENT COMMENTS
0	03/15/10	RB	RB	OF	APPROVED

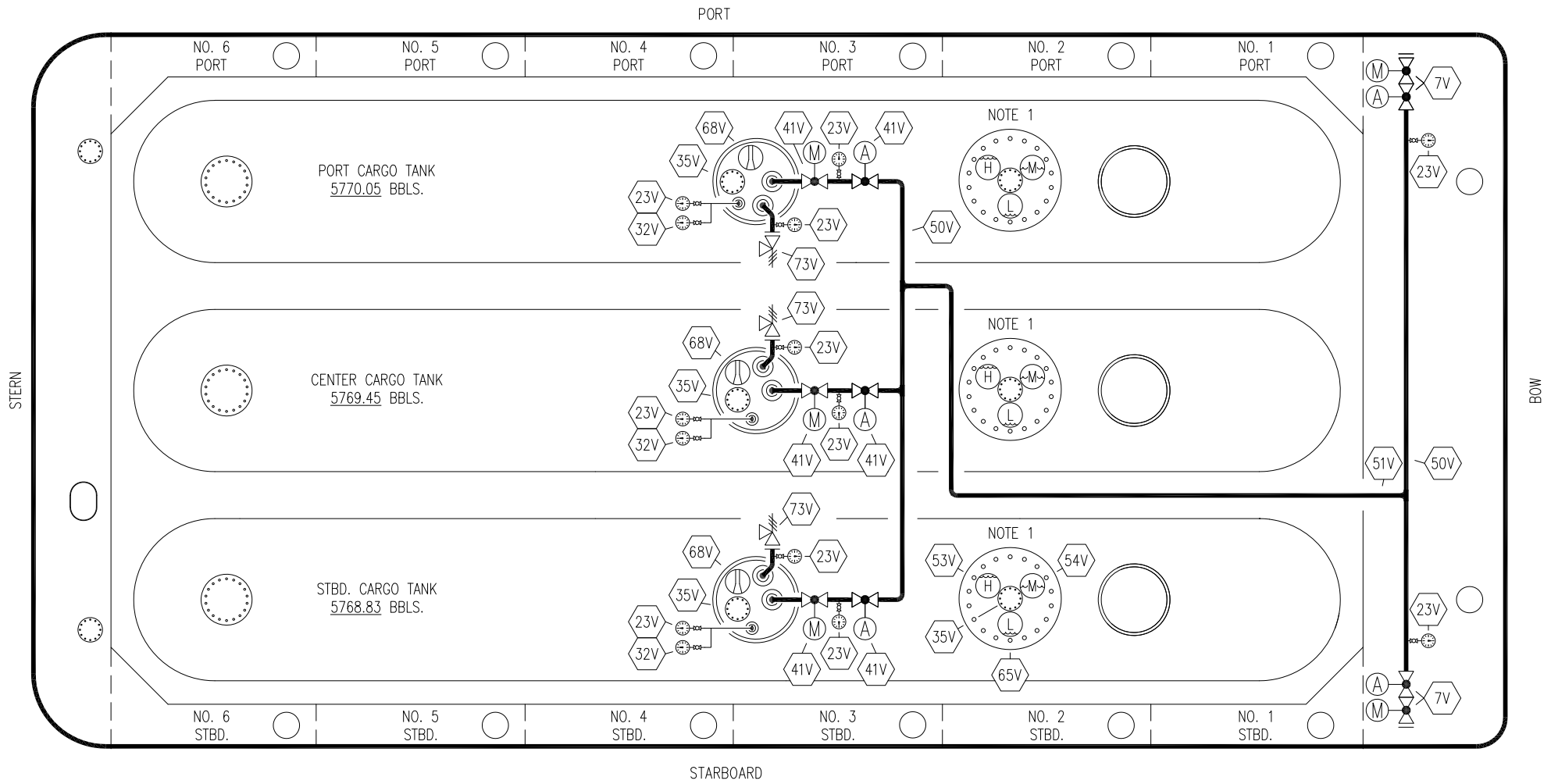
KIRBY INLAND MARINE

CARGO
PIPING FLOW DIAGRAM

KIRBY 17800

REV. 3

SCALE: NONE
PAGE: 1 OF 2



- | | | | |
|-----|-------------------|-----|----------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 7V | HEADER VALVE | 53V | HIGH LEVEL GAUGE |
| 23V | PRESSURE GAUGE | 54V | LOW LEVEL GAUGE |
| 32V | TEMPERATURE GAUGE | 65V | MID LEVEL GAUGE |
| 35V | SPARE (NOZZLE) | 68V | LOW LEVEL SPRAY TUBE |
| 38V | VAPOR PENETRATION | 73V | SAFETY RELIEF VALVE |
| 41V | VAPOR TANK VALVE | | ABOVE DECK PIPING |
| 50V | VAPOR HEADER | | MANUAL |
| 51V | VAPOR PIPELINE | | AUTOMATIC |

NOTE 1: TYPICAL RIGGING IN EACH TANK

MISSNER - EX: DC 515

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	09/03/20	DLW	DDA	CW	REVISED PER CLIENT COMMENTS
1	08/19/20	MRV	DDA	CW	REVISED PER CLIENT COMMENTS
0	03/15/10	RB	RB	OF	APPROVED

KIRBY INLAND MARINE

VAPOR
PIPING FLOW DIAGRAM

KIRBY 17800

REV. 2

SCALE: NONE
PAGE: 2 OF 2