


- | | | | |
|-----|---------------------|-----|-------------------|
| NO | CARGO DESCRIPTION | NO | CARGO DESCRIPTION |
| 1C | CARGO TANK VALVE | 30C | CARGO PIPELINE |
| 5C | CARGO HEADER VALVE | 36C | PRESSURE GAUGE |
| 8C | RELIEF VALVE | 37C | CARGO DROP |
| 11C | NOZ/BLEED OFF VALVE | M | MANUAL |
| 19C | CARGO HEADER | A | AUTOMATIC |
| | | | ABOVE DECK PIPING |

MAXON - EX: USL 151

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	03/28/23	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
2	03/22/18	WFB	DDA		REVISED PER CLIENT COMMENTS
1	08/21/12	DCB	DDA		REVISED INST.
0	01/25/10	RB	RB	OF	APPROVED



KIRBY INLAND MARINE

CARGO

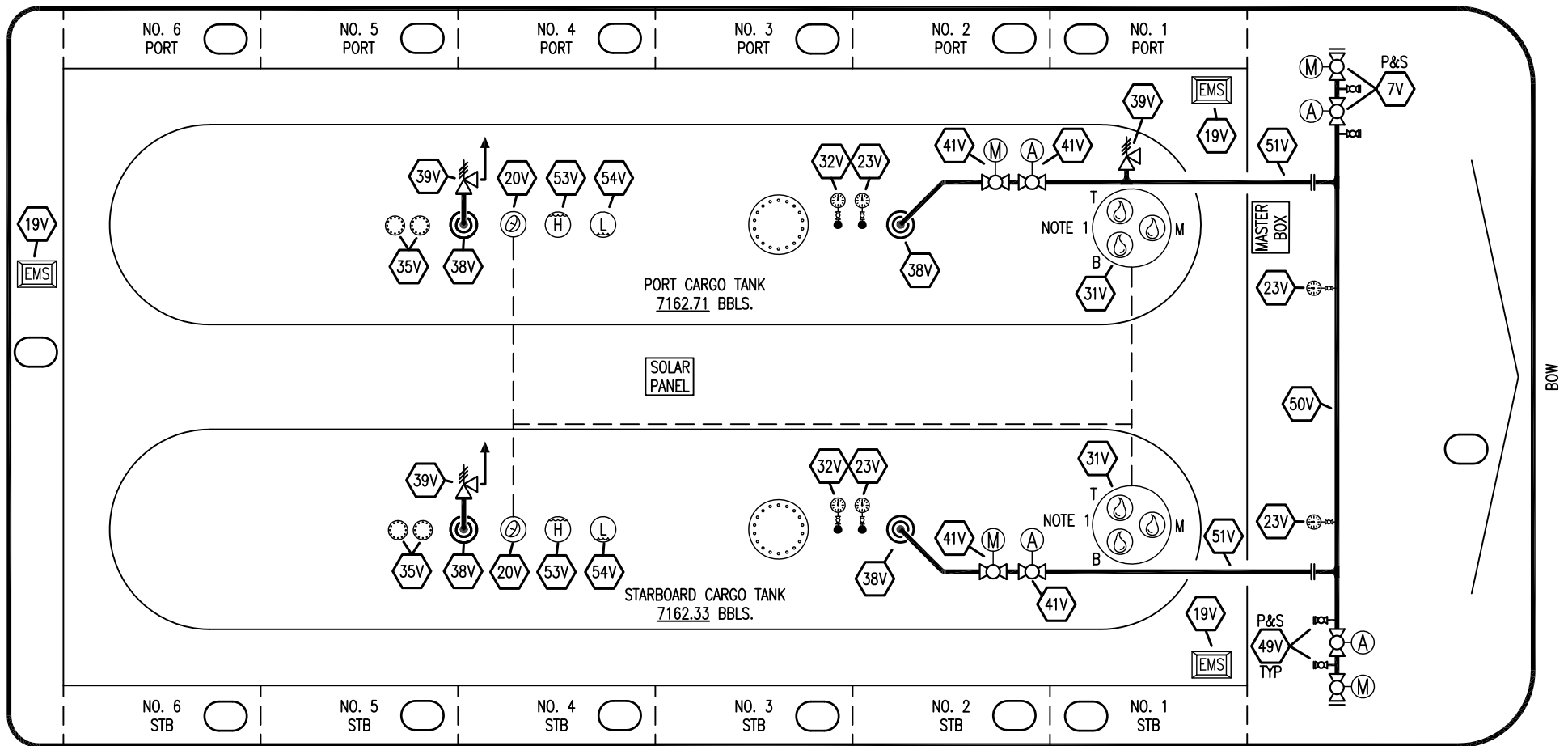
PIPING FLOW DIAGRAM

SCALE: NONE

PAGE: 1 OF 3


KIRBY 14828

REV. **2**



- | | | | |
|-----|---|-----|-------------------|
| NO | VAPOR DESCRIPTION | NO | VAPOR DESCRIPTION |
| 7V | VAPOR HEADER VALVE | 41V | VAPOR TANK VALVE |
| 19V | EMERGENCY SHUT DOWN STATION | 49V | BLEED VALVE |
| 20V | RADAR GAUGING | 50V | VAPOR HEADER |
| 23V | PRESSURE GAUGE | 51V | VAPOR PIPELINE |
| 31V | RADAR SAMPLE STATION (TOP, BOT. & MID.) | 53V | HIGH LEVEL GAUGE |
| 32V | TEMPERATURE GAUGE | 54V | LOW LEVEL GAUGE |
| 35V | NOZZLE | (M) | MANUAL |
| 38V | VAPOR DROP | (A) | AUTOMATIC |
| 39V | RELIEF VALVE | — | ABOVE DECK PIPING |

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	03/28/23	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
1	08/21/12	DCB	DDA		REVISED INST.
0	01/25/10	RB	RB	OF	APPROVED

KIRBY INLAND MARINE 

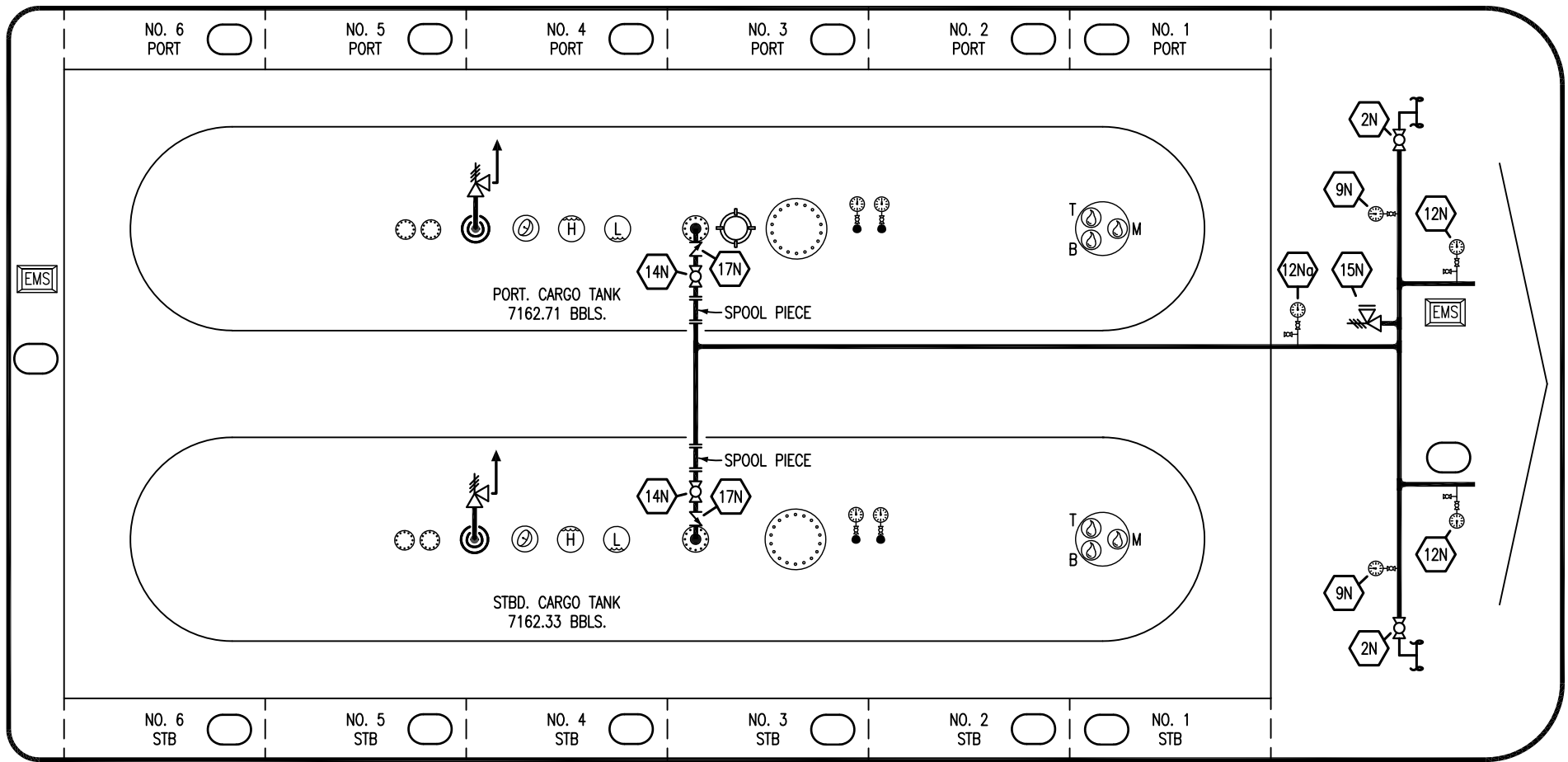
VAPOR PIPING FLOW DIAGRAM

SCALE: NONE

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REV. 2

PAGE: 2 OF 3




- | NO | DESCRIPTION |
|-----|------------------------------|
| 2N | 2" NITROGEN SHORE CONNECTION |
| 7N | 2" NITROGEN HEADER |
| 9N | N2 GAUGE |
| 11N | 2" NITROGEN PIPELINE |
| 12N | 100 PSI NITROGEN REGULATOR |

- | NO | DESCRIPTION |
|------|--------------------------|
| 12Na | 5 PSI NITROGEN REGULATOR |
| 14N | 2" CONTROL VALVE |
| 15N | N2 RELIEF VALVE |
| 17N | 2" CHECK VALVE |
| 18N | PENETRATION |
| — | ABOVE DECK PIPING |

MAXON - EX: USL 151

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	03/28/23	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
0	03/22/18	WFB	DDA		ISSUED FOR REVIEW



KIRBY INLAND MARINE

**NITROGEN
PIPING FLOW DIAGRAM**

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SCALE: NONE	REV. 2
PAGE: 3 OF 3	