



- | NO | DESCRIPTION |
|-----|--|
| 1C | CARGO TANK VALVE |
| 5C | HEADER VALVE |
| 8C | RELIEF VALVE |
| 11C | BLEED OFF VALVE |
| 19C | CARGO HEADER |
| 30C | CARGO PIPELINE |
| 36C | PRESSURE GAUGE |
| 37C | CARGO DROP  |
| (A) | AUTOMATIC ACUATOR |
| — | ABOVE DECK PIPING |

MAXON — EX: HW CC 152

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	12/28/21	MRV	DDA	JF	REVISED PER CLIENT COMMENTS
0	02/22/10	RB	RB	OF	APPROVED

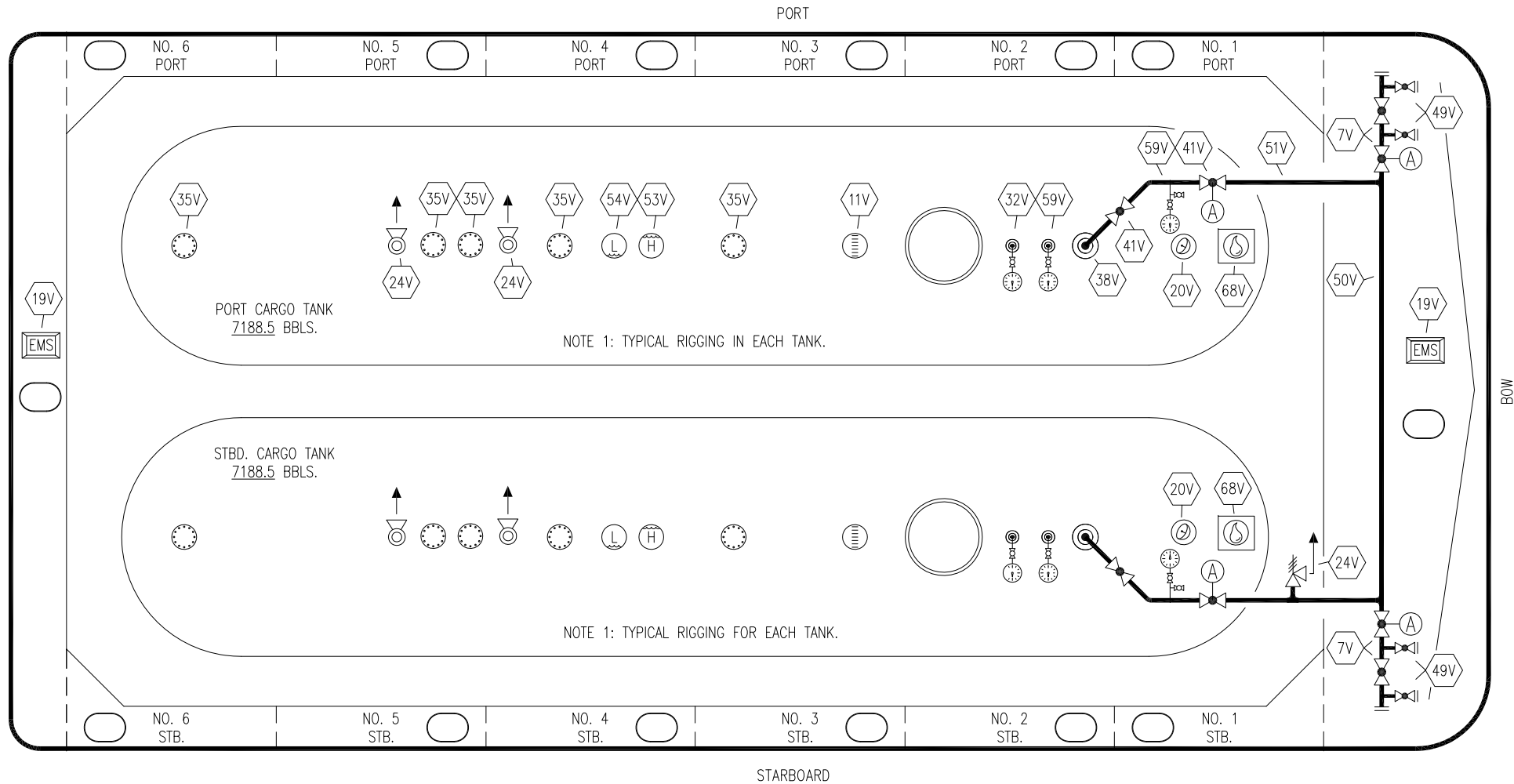
KIRBY INLAND MARINE 

CARGO
PIPING FLOW DIAGRAM

KIRBY 14831

REV. 1

SCALE: NONE
PAGE: 1 OF 3



NO	DESCRIPTION
7V	HEADER VALVE
11V	GAUGE STICK (MIDDLE)
19V	EMERGENCY SHUT DOWN
20V	RADAR GAUGING
24V	PRESSURE RELIEF VALVE
32V	TEMPERATURE GAUGE
35V	12" NOZZLE
38V	VAPOR DROP
41V	VAPOR TANK VALVE

NO	DESCRIPTION
49V	BLEED VALVE
50V	VAPOR HEADER
51V	VAPOR PIPELINE
53V	HIGH LEVEL GAUGE
54V	LOW LEVEL GAUGE
59V	PRESS/VAC GAUGE
68V	SPEW TUBE
	ABOVE DECK PIPING
(A)	AUTOMATIC VALVE

NOTE 1: TYPICAL RIGGING FOR EACH TANK.

MAXON - EX: HW CC 152

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	12/28/21	MRV	DDA	JF	REVISED PER CLIENT COMMENTS
1	02/20/17	WFB	DDA		REVISED PER CLIENT COMMENTS
0	02/22/10	RB	RB	OF	APPROVED

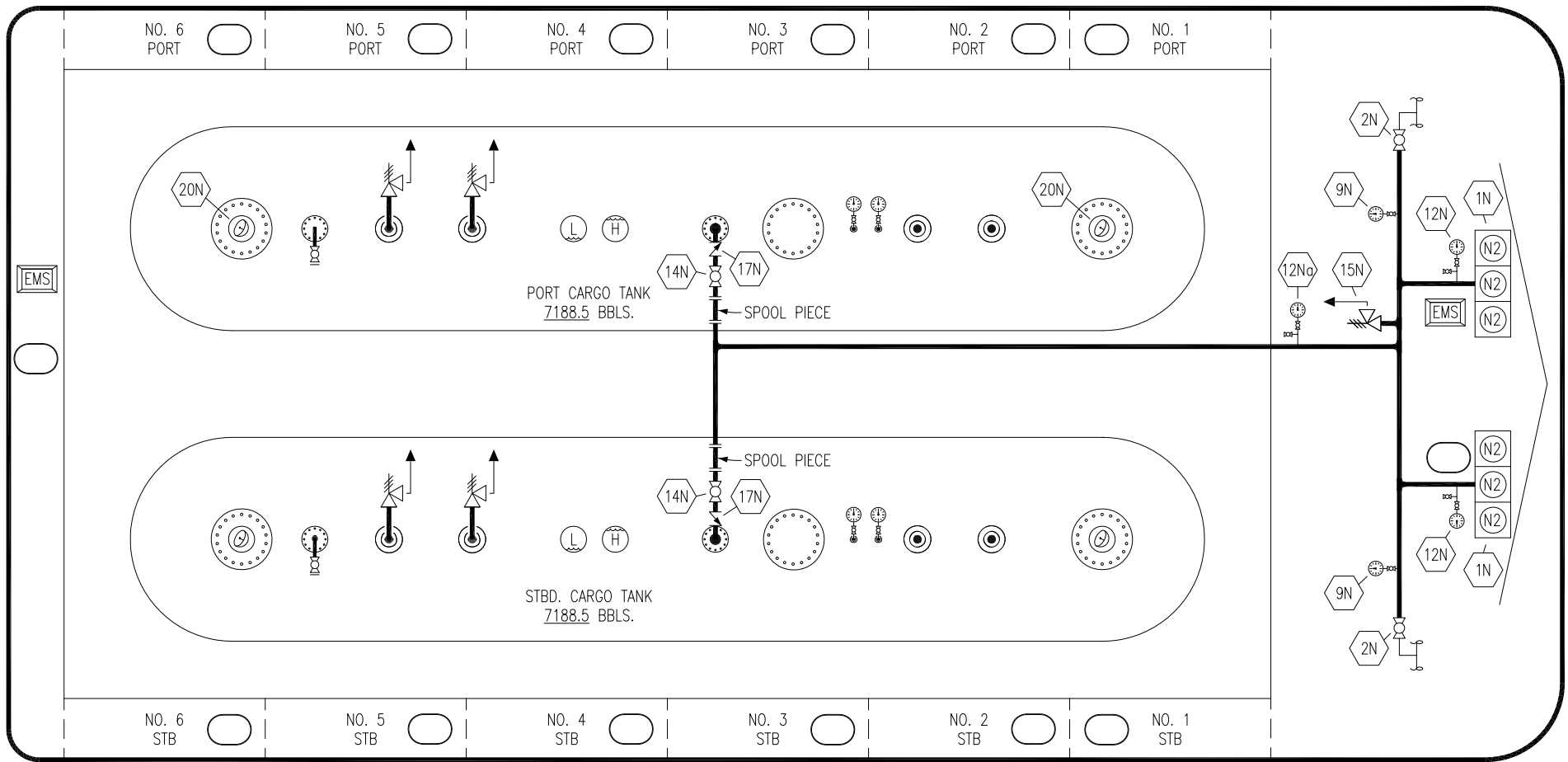
KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 2 OF 3

KIRBY 14831


REV. **2**



- | | | | |
|-----------|------------------------------|-----------|--------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1N | NITROGEN BOTTLE RACK | 12Na | 5 PSI NITROGEN REGULATOR |
| 2N | 2" NITROGEN SHORE CONNECTION | 14N | 2" CONTROL VALVE |
| 7N | 2" NITROGEN HEADER | 15N | N2 RELIEF VALVE |
| 9N | N2 GAUGE | 17N | 2" CHECK VALVE |
| 11N | 2" NITROGEN PIPELINE | 18N | PENETRATION |
| 12N | 100 PSI NITROGEN REGULATOR | 20N | RADAR GAUGING |
| | | — | ABOVE DECK PIPING |

MAXON — EX: HW CC 152

0	12/28/21	MRV	DDA	JF	ISSUED PER CLIENT COMMENTS	
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	

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**NITROGEN
PIPING FLOW DIAGRAM**

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SCALE: NONE
PAGE: 3 OF 3

REV. **0**