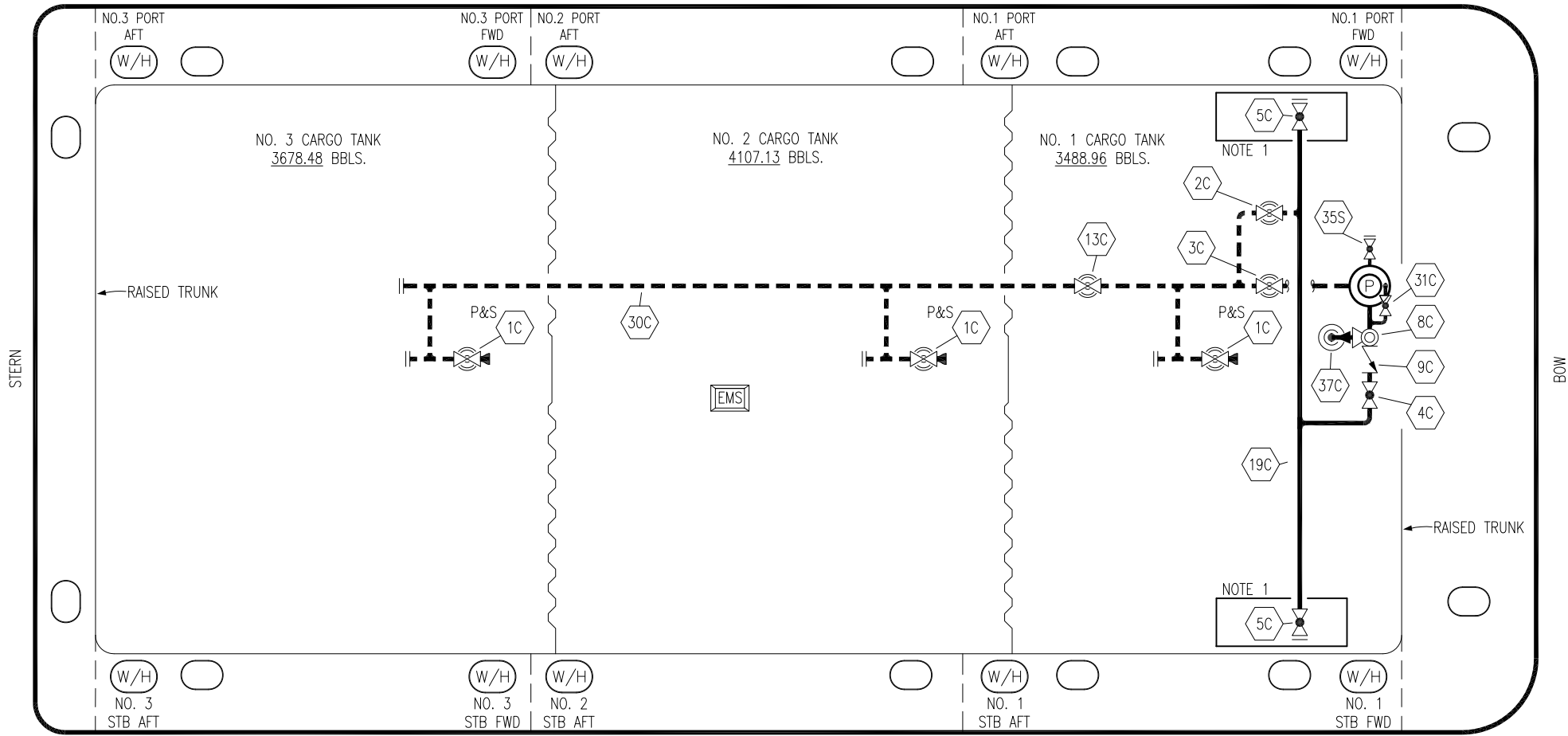


PORT



STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	13C	10" CARGO PIPING BLOCK VALVE
2C	8" LOAD VALVE	19C	8" CARGO HEADER
3C	10" MASTER SUCTION VALVE	30C	10" CARGO PIPELINE
4C	6" DISCHARGE VALVE	31C	2" BYPASS VALVE
5C	8" HEADER VALVE	35S	2" STRIPPING VALVE
8C	6" RELIEF VALVE	37C	CARGO DROP
9C	8" CHECK VALVE		
		—	ABOVE DECK PIPING
		- - -	BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

EX. CGBM 103

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	02/23/22	MRV	DDA	RM	REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL

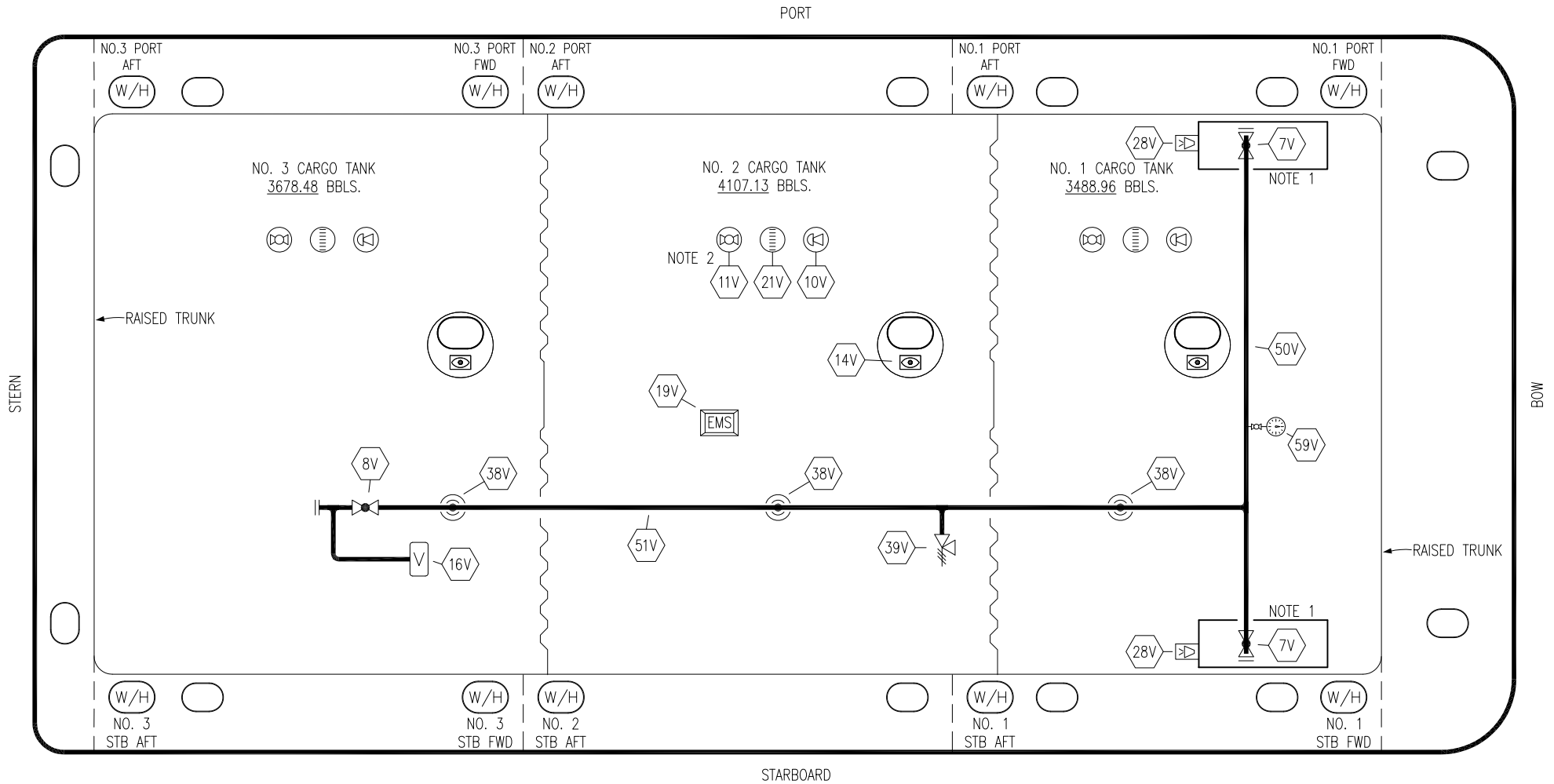
KIRBY INLAND MARINE

CARGO
PIPING FLOW DIAGRAM

KIRBY 11330

REV. 1

SCALE: NONE
PAGE: 1 OF 2



NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	28V	DOCK CONNECTION ALARM
8V	8" VENT STACK VALVE	38V	8" VAPOR PENETRATION
10V	HIGH LEVEL/OVERFILL ALARM	39V	PRESSURE/VACUUM VALVE
11V	1-METER GAUGE STICK	50V	8" VAPOR HEADER
14V	SIGHT GLASS	51V	8" VAPOR PIPELINE
16V	VAPOR VENT STACK	59V	PRESS/VAC GAUGE
19V	EMERGENCY ENGINE SHUT DOWN	—	ABOVE DECK PIPING
21V	2" HERMETIC GAUGE		

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

EX. CGBM 103

1	02/23/22	MRV	DDA	RM	REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

KIRBY 11330

SCALE: NONE
 PAGE: 2 OF 2

REV. **1**