


NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	30C	10" CARGO PIPELINE
2C	8" LOAD VALVE	31C	2" BYPASS VALVE
3C	10" MASTER SUCTION VALVE	35S	2" STRIPPING VALVE
4C	6" DISCHARGE VALVE	37C	CARGO DROP
5C	8" HEADER VALVE	57C	SLUSH VALVE
8C	6" RELIEF VALVE	—	— ABOVE DECK PIPING
9C	8" CHECK VALVE	---	--- BELOW DECK PIPING
13C	10" CARGO PIPING BLOCK VALVE		
19C	8" CARGO HEADER		

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	06/17/20	MRV	DDA	DW	REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL



**KIRBY INLAND MARINE**

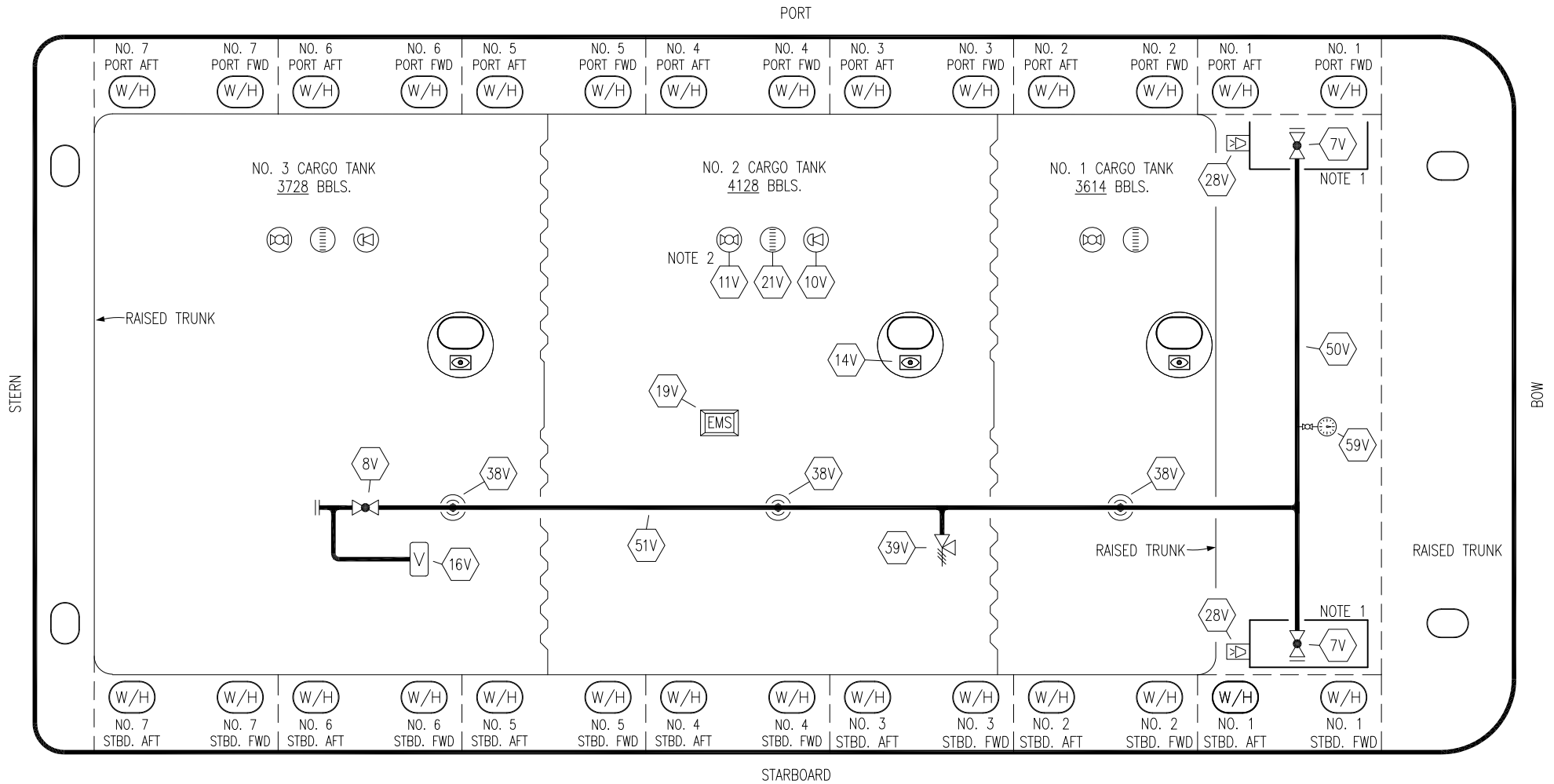
**CARGO**

**PIPING FLOW DIAGRAM**

SCALE: NONE
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**CGBM 120**

REV. 1
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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	—	—
21V	2" HERMETIC GAUGE	—	—

NOTE 2: TYPICAL RIGGING IN EACH TANK

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	06/17/20	MRV	DDA	DW	REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL



**KIRBY INLAND MARINE**

**VAPOR  
PIPING FLOW DIAGRAM**

**CGBM 120**

SCALE: NONE

PAGE: 2 OF 2

REV. **1**