





NOTE 1: CONTAINMENT P/S

NO	DESCRIPTION	NO	DESCRIPTION
1C	CARGO TANK VALVE	16C	DISCHARGE PRESSURE GAUGE
2C	LOAD VALVE	19C	CARGO HEADER
3C	MASTER SUCTION VALVE	30C	CARGO PIPELINE
4C	DISCHARGE VALVE	37C	CARGO DROP 
5C	HEADER VALVE		ABOVE DECK PIPING
6C	SALVAGE VALVE		BELOW DECK PIPING
7C	STRIPPING BLOCK VALVE		
8C	RELIEF VALVE		
9C	CHECK VALVE		
10C	BURP VALVE		
11C	BLEED OFF VALVE		

JEFFBOAT

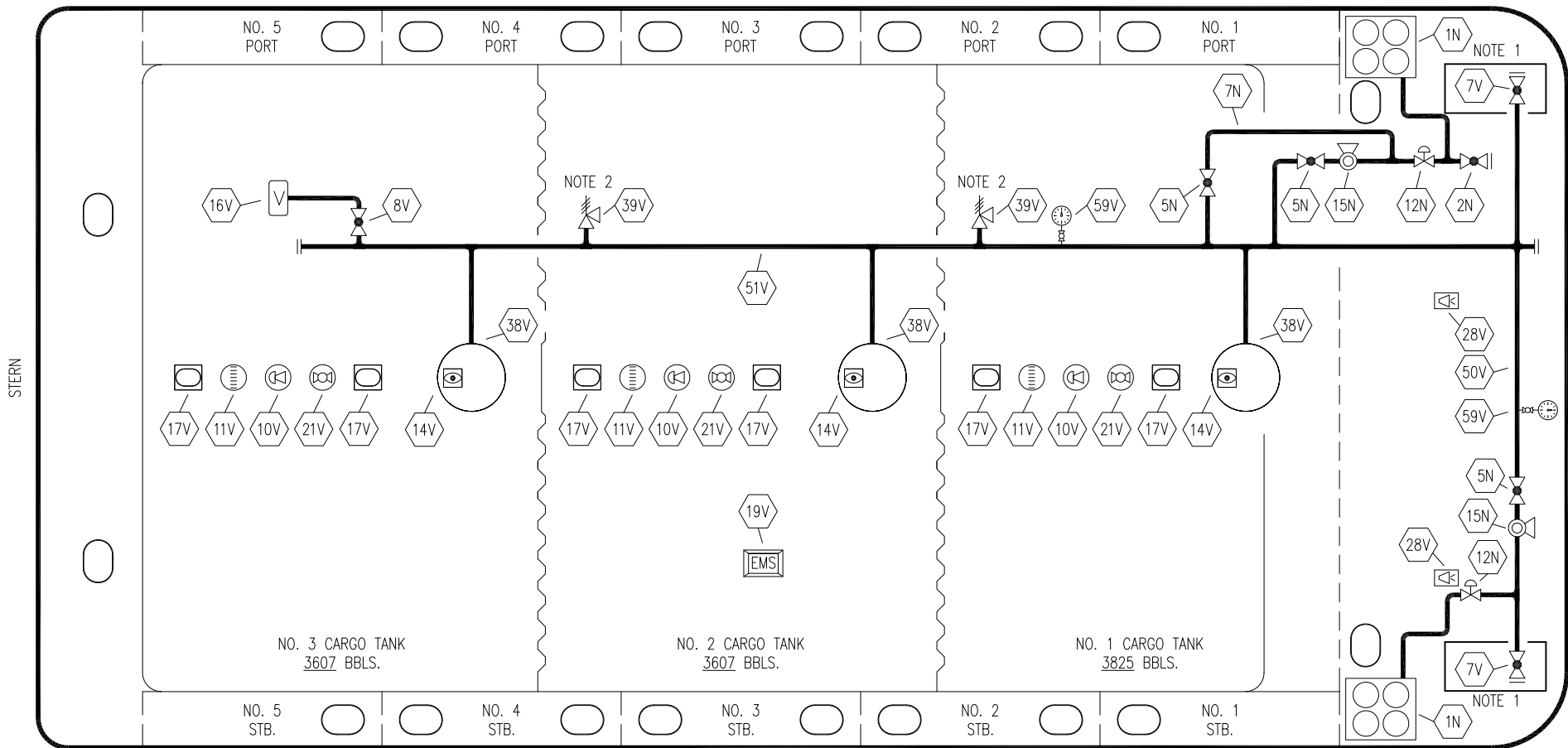
1	03/16/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	09/07/09	LT	RB	OF	APPROVED
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

KIRBY INLAND MARINE 

**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE	KIRBY 11515	REV. 1
PAGE: 1 OF 2		

PORT



NO. 3 CARGO TANK
3607 BBLs.

NO. 2 CARGO TANK
3607 BBLs.

NO. 1 CARGO TANK
3825 BBLs.

STERN

BOW

STARBOARD

NO. 5 PORT

NO. 4 PORT

NO. 3 PORT

NO. 2 PORT

NO. 1 PORT

NO. 5 STB.

NO. 4 STB.

NO. 3 STB.

NO. 2 STB.

NO. 1 STB.

NO	DESCRIPTION	NO	DESCRIPTION
1N	NITROGEN BOTTLES	16V	8" VAPOR VENT STACK
2N	2" NITROGEN SHORE CONNECTION	17V	BUTTERWORTH W/1" OXYGEN TEST LINE
5N	2" N2 SUPPLY VALVE	19V	EMERGENCY SHUTDOWN SYSTEM
7N	1" NITROGEN PIPELINE	21V	2" HERMETIC GAUGE
7V	8" HEADER VALVE	28V	DOCK CONNECTION ALARM
8V	8" VENT STACK VALVE	38V	VAPOR PENETRATIONS
10V	HIGH LEVEL/OVERFILL ALARM	39V	PRESS/VAC RELIEF VALVE
11V	STICK GAUGE	50V	8" VAPOR HEADER
12N	2" NITROGEN REGULATOR	51V	8" VAPOR PIPING
14V	SIGHT GLASS W/GAUGE TREE	59V	PRESS/VAC GAUGE
15N	2" N2 RELIEF VALVE	—	— ABOVE DECK PIPING

NOTE 1: CONTAINMENT P/S
NOTE 2: 3 PSI PRESSURE
2 PSI VACUUM

JEFFBOAT

KIRBY INLAND MARINE 

**VAPOR
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	03/16/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	09/07/09	LT	RB	OF	APPROVED

SCALE: NONE
PAGE: 2 OF 2

KIRBY 11515

REV. **1**