

NO	SIZE	DESCRIPTION	NO	SIZE	DESCRIPTION
1C	8"	CARGO TANK VALVE	19C	8"	CARGO HEADER
2C	8"	LOAD VALVE	22C	19"	BUTTERWORTH
3C	10"	MASTER SUCTION VALVE	25C	10"x8"	ECCENTRIC REDUCER
4C	8"	DISCHARGE VALVE	27C	4"	DRIP PAN DRAIN VALVE
5C	8"	HEADER VALVE	28C	6"	HIGH LOAD VALVE
6C	8"	SALVAGE VALVE	11V		GAUGE STICK (LENGTH)
8C	6"	RELIEF VALVE	18V		RESTRICTIVE GAUGE TUBE
9Ca	8"	CHECK VALVE	30V		THERMAL WELL WITH PIPE CAP
9Cb	1"	CHECK VALVE	38Ca		DEEPWELL DRAIN VALVE
15C	2"	BYPASS VALVE (AROUND CHECK VALVE)	38Cb	1"	GATE VALVE
16C		DISCHARGE PRESSURE GAUGE	38Cd	1"	SPRING VALVE

NOTE 2: 6 BARREL DRIP PAN
 NOTE 3: PICKLING LINE
 ABOVE DECK PIPING ———
 BELOW DECK PIPING - - -

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	12/17/21	MRV	DDA	TL	REVISED PER CLIENT COMMENTS
A	05/18/11	JN	DDA		ISSUED FOR APPROVAL

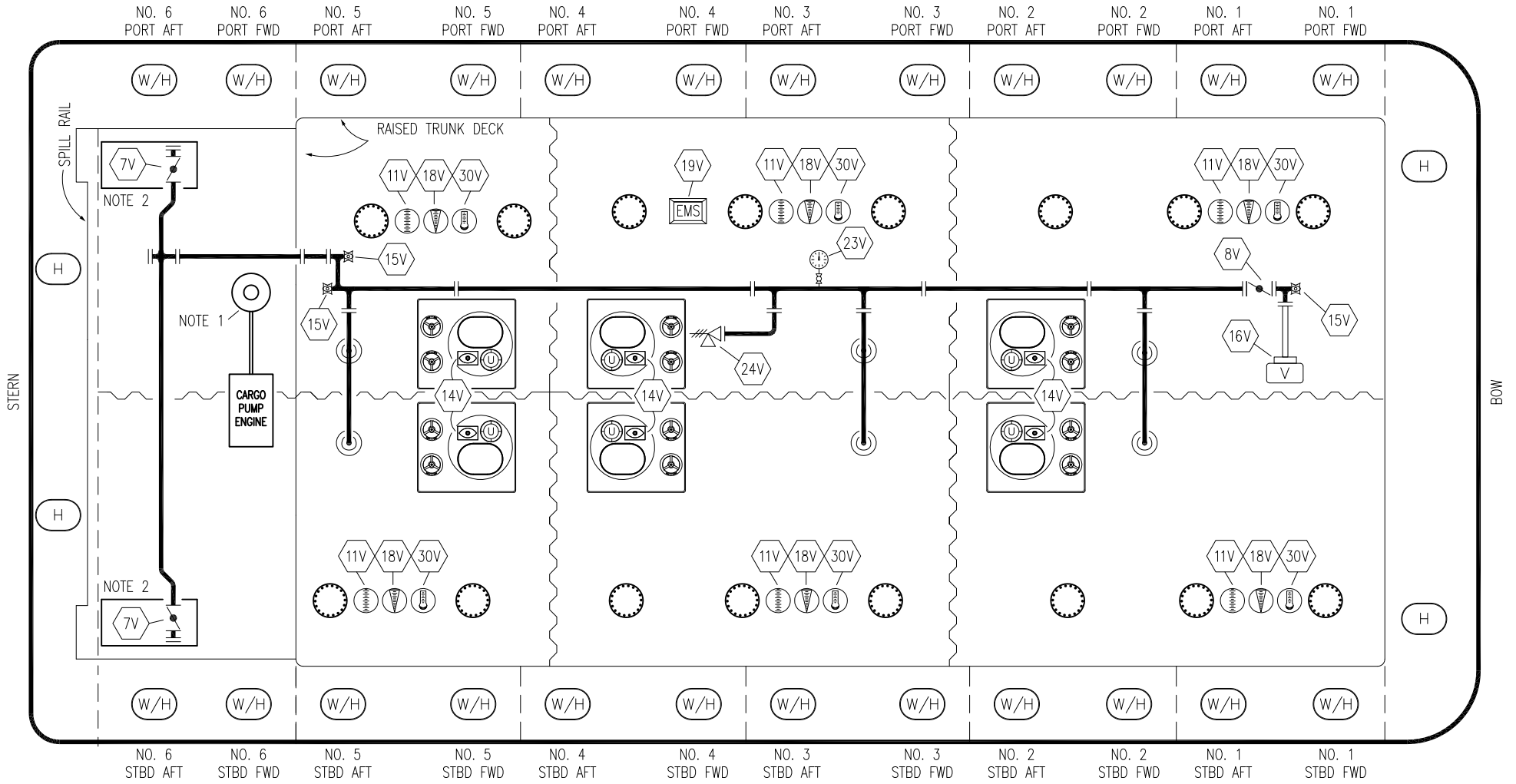
TRINITY MARINE

KIRBY INLAND MARINE

CARGO
PIPING FLOW DIAGRAM

KIRBY 27771

SCALE: NONE	REV. 0
PAGE: 1 OF 3	



NO	SIZE	DESCRIPTION	NO	SIZE	DESCRIPTION
7V	8"	HEADER VALVE	24V	6"	PRESSURE RELIEF VALVE
8V	8"	VENT STACK VALVE	30V	2"	THERMAL WELL WITH PIPE CAP
11V		GAUGE STICK (LENGTH)			
14V		SIGHT GLASS			
15V		INSPECTION PORT			
16V	8"	VAPOR VENT STACK			
18V		RESTRICTIVE GAUGE TUBE			
19V		EMERGENCY SHUTDOWN SYSTEM			
23V		PRESSURE GAUGE			

NOTE 1: DEEPWELL PUMP
 NOTE 2: 6 BARREL DRIP PAN
 ABOVE DECK PIPING ————

0	12/17/21	MRV	DDA	TL	REVISED PER CLIENT COMMENTS
A	05/18/11	JN	DDA		ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

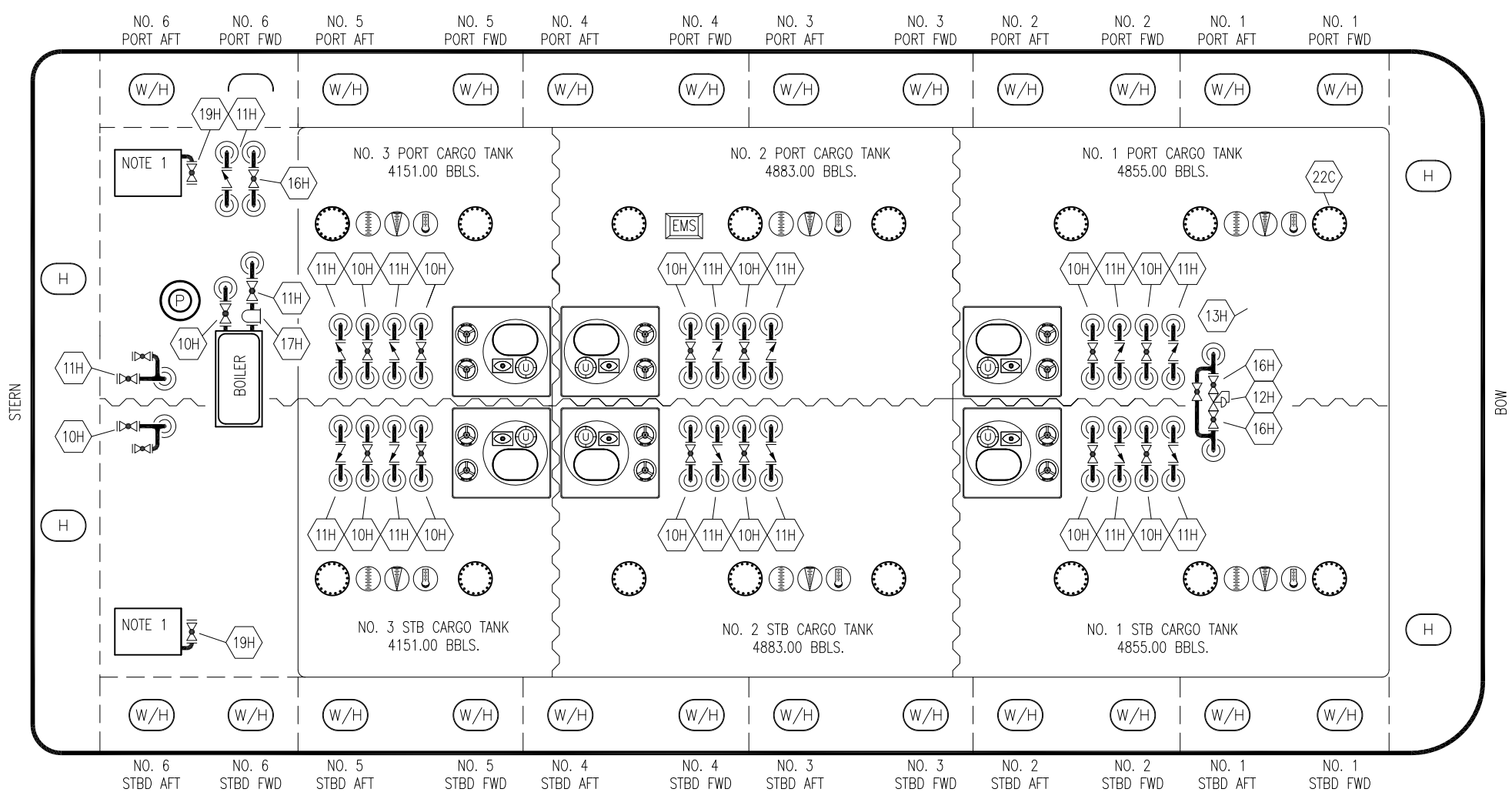
KIRBY INLAND MARINE 

**VAPOR
 PIPING FLOW DIAGRAM**

SCALE: NONE
 PAGE: 2 OF 3

KIRBY 27771

REV. **0**



NO. 6 PORT AFT NO. 6 PORT FWD NO. 5 PORT AFT NO. 5 PORT FWD NO. 4 PORT AFT NO. 4 PORT FWD NO. 3 PORT AFT NO. 3 PORT FWD NO. 2 PORT AFT NO. 2 PORT FWD NO. 1 PORT AFT NO. 1 PORT FWD

NO. 6 STBD AFT NO. 6 STBD FWD NO. 5 STBD AFT NO. 5 STBD FWD NO. 4 STBD AFT NO. 4 STBD FWD NO. 3 STBD AFT NO. 3 STBD FWD NO. 2 STBD AFT NO. 2 STBD FWD NO. 1 STBD AFT NO. 1 STBD FWD

- NO DESCRIPTION
- 10H SUPPLY VALVE
 - 11H RETURN
 - 12H PRESSURE REGULATOR
 - 13H BY-PASS
 - 16H ISOLATION VALVE
 - 17H BASKET STRAINER
 - 19H DRIP PAN DRAIN VALVE
- ABOVE DECK PIPING

NOTE 1: 6 BARREL DRIP PAN

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	12/17/21	MRV	DDA	TL	REVISED PER CLIENT COMMENTS
A	05/18/11	JN	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

HOT OIL
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 27771	REV.
PAGE: 3 of 3		0