


NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	12C	1" BURP VALVE RETURN TO CARGO TANK
2C	8" LOAD VALVE	16C	DISCHARGE PRESSURE GAUGE
3C	10" MASTER SUCTION VALVE	19C	8" CARGO HEADER
4C	8" DISCHARGE VALVE	24C	1" PIPE SIGHT GLASS
5C	8" HEADER VALVE	30C	10" CARGO PIPELINE
6C	8" SALVAGE VALVE	36C	PRESSURE GAUGE
8C	6" RELIEF VALVE	37C	CARGO DROP
9C	8" CHECK VALVE	—	— ABOVE DECK PIPING
10C	1" BURP VALVE	---	--- BELOW DECK PIPING
11C	1" BLEED OFF VALVE		

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	09/19/13	DCB	DDA	OF	FOR APPROVAL

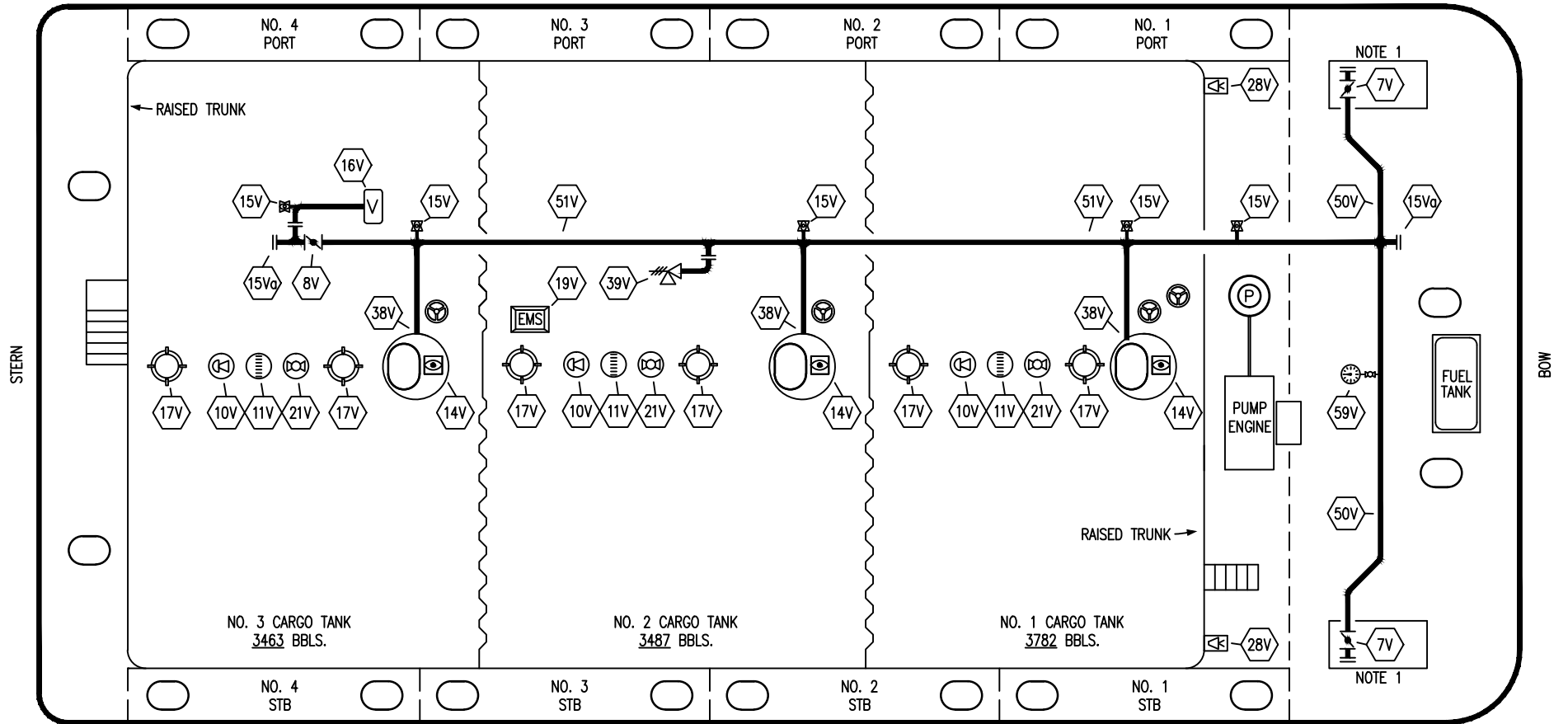


## KIRBY INLAND MARINE

### CARGO PIPING FLOW DIAGRAM

SCALE: NONE	<b>KIRBY 10090</b>
PAGE: 1 OF 3	REV. <b>0</b>

PORT



STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	19V	EMERGENCY ENGINE SHUT DOWN
8V	8" VENT STACK VALVE	21V	HERMETIC GAUGE
10V	HIGH LEVEL/OVERFILL ALARM	28V	DOCK CONNECTION ALARM
11V	GAUGE STICK	39V	6" PRESSURE/VACUUM VALVE
14V	SIGHT GLASS W/GAUGE TREE	38V	8" VAPOR PENETRATION
15V	2" INSPECTION PORT	50V	8" VAPOR HEADER
15V <sub>Q</sub>	8" INSPECTION PORT	51V	8" VAPOR PIPELINE
16V	8" VAPOR VENT STACK	59V	PRESS/VAC GAUGE
17V	20" BUTTERWORTH		ABOVE DECK PIPING

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

KIRBY INLAND MARINE

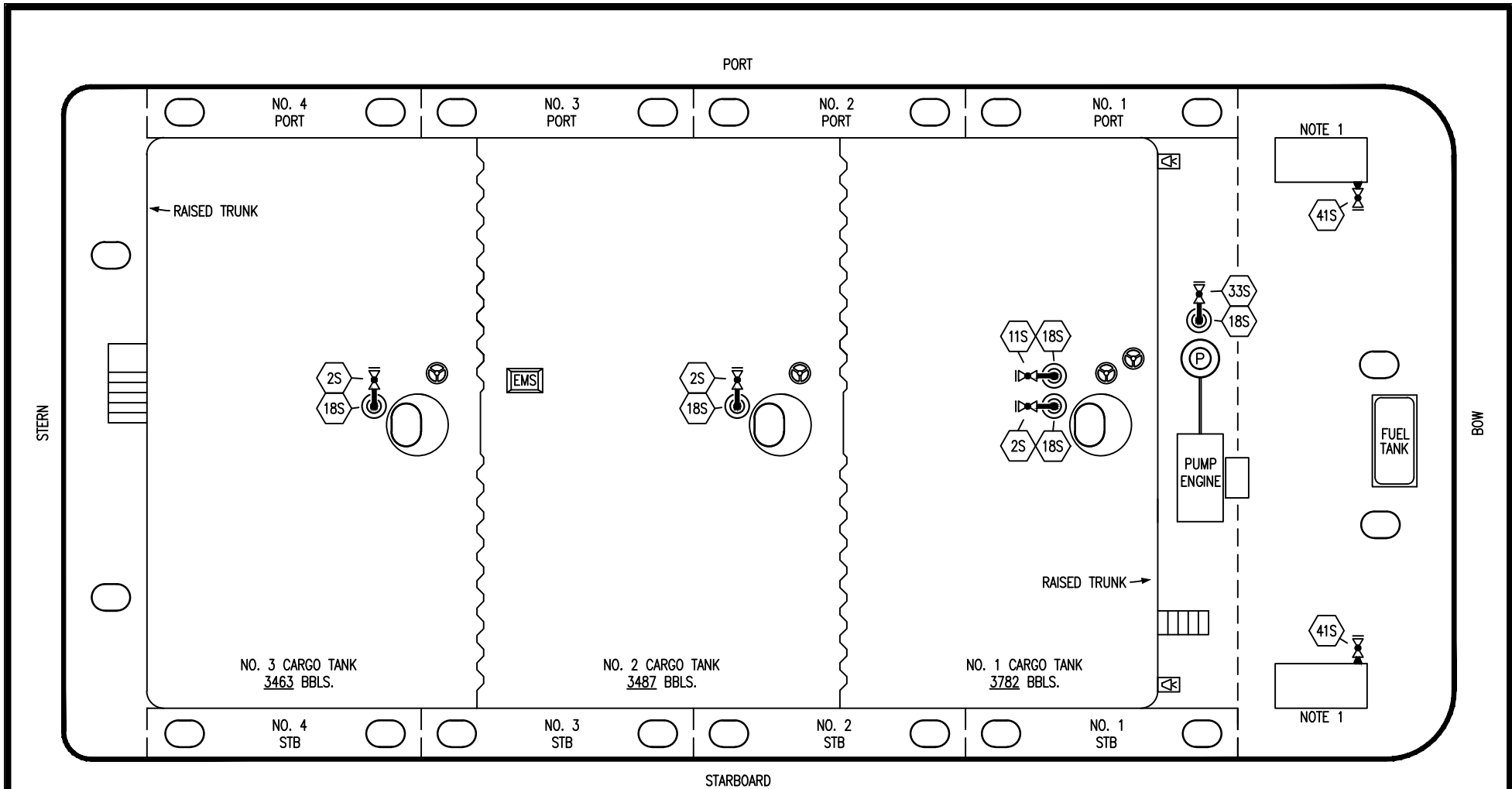
**VAPOR  
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	09/19/13	DCB	DDA	OF	FOR APPROVAL

SCALE: NONE  
PAGE: 2 OF 3

**KIRBY 10090**

REV. **0**



- | NO  | DESCRIPTION                        |
|-----|------------------------------------|
| 2S  | CARGO SUMP SUCTION VALVE           |
| 11S | LOWER CARGO PIPELINE SUCTION VALVE |
| 18S | STRIPPING DROP                     |
| 33S | PUMP WELL SUCTION VALVE            |
| 41S | CONTAINMENT DRAIN VALVE W/ CAP     |

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

0	09/20/13	DCB	DDA	OF	FOR APPROVAL	
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	

<b>KIRBY INLAND MARINE</b>	
<b>STRIPPING PIPING FLOW DIAGRAM</b>	
SCALE: NONE	<b>KIRBY 10090</b>
PAGE: 3 OF 3	REV. <b>0</b>