

NO	DESCRIPTION	NO	DESCRIPTION
1C	CARGO TANK VALVE	15C	BYPASS VALVE AROUND CHECK
2C	LOAD VALVE	19C	CARGO HEADER
3C	MASTER SUCTION VALVE	30C	CARGO PIPELINE
4C	DISCHARGE VALVE	35C	CROSSOVER VALVE
5C	HEADER VALVE	37C	CARGO DROP
6C	SALVAGE VALVE	40C	INSPECTION PORT
8C	RELIEF VALVE	—	— ABOVE DECK PIPING
9C	CHECK VALVE	---	--- BELOW DECK PIPING
13C	CARGO PIPING BLOCK VALVE		

NOTE 1: CONTAINMENT P/S

NOTE 2: 1C IN TANK 3 IS USED FOR LOADING ONLY.

NEWARK SHIPBUILDING - EX: DXE 1752

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	2-12-24	OF	OF	OF	Move salvage valve
1	04/01/10	RB	RB	OF	MOVE 35C TO PORT SIDE
0	01/25/10	RB	RB	BR	APPROVED

KIRBY INLAND MARINE

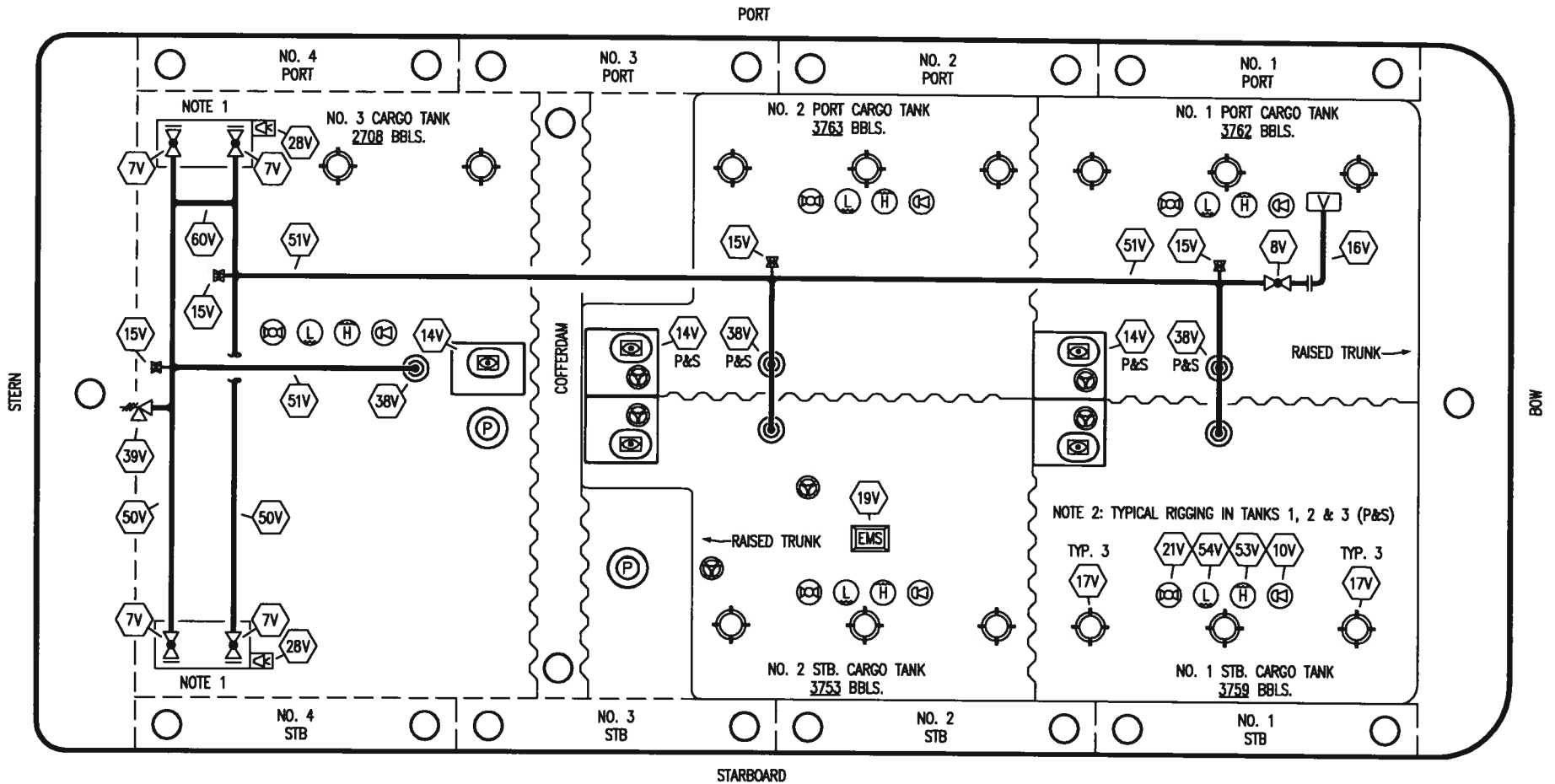
**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE

PAGE: 1 OF 3

KIRBY 17001B

REV. 1



NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	28V	DOCK CONNECTION ALARM
8V	8" VENT STACK VALVE	38V	8" VAPOR DROP
10V	8' HIGH LEVEL/OVERFILL ALARM	39V	8" PRESSURE/VACUUM VALVE
14V	6" SIGHT GLASS W/GAUGE TREE	50V	8" VAPOR HEADER
15V	2" INSPECTION PORT	51V	8" VAPOR PIPELINE
16V	8" VAPOR VENT STACK	53V	8" HIGH LEVEL GAUGE
17V	14" BUTTERWORTH	54V	8" LOW LEVEL GAUGE
19V	EMERGENCY ENGINE SHUT DOWN	60V	CROSSOVER
21V	2" HERMETIC GAUGE		— ABOVE DECK PIPING

NOTE 1: CONTAINMENT P/S

NOTE 2: TYPICAL RIGGING IN TANKS 1, 2 & 3 P&S

NEWPARK SHIPBUILDING - EX: DXE 1752

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	01/25/10	RB	RB	BR	APPROVED

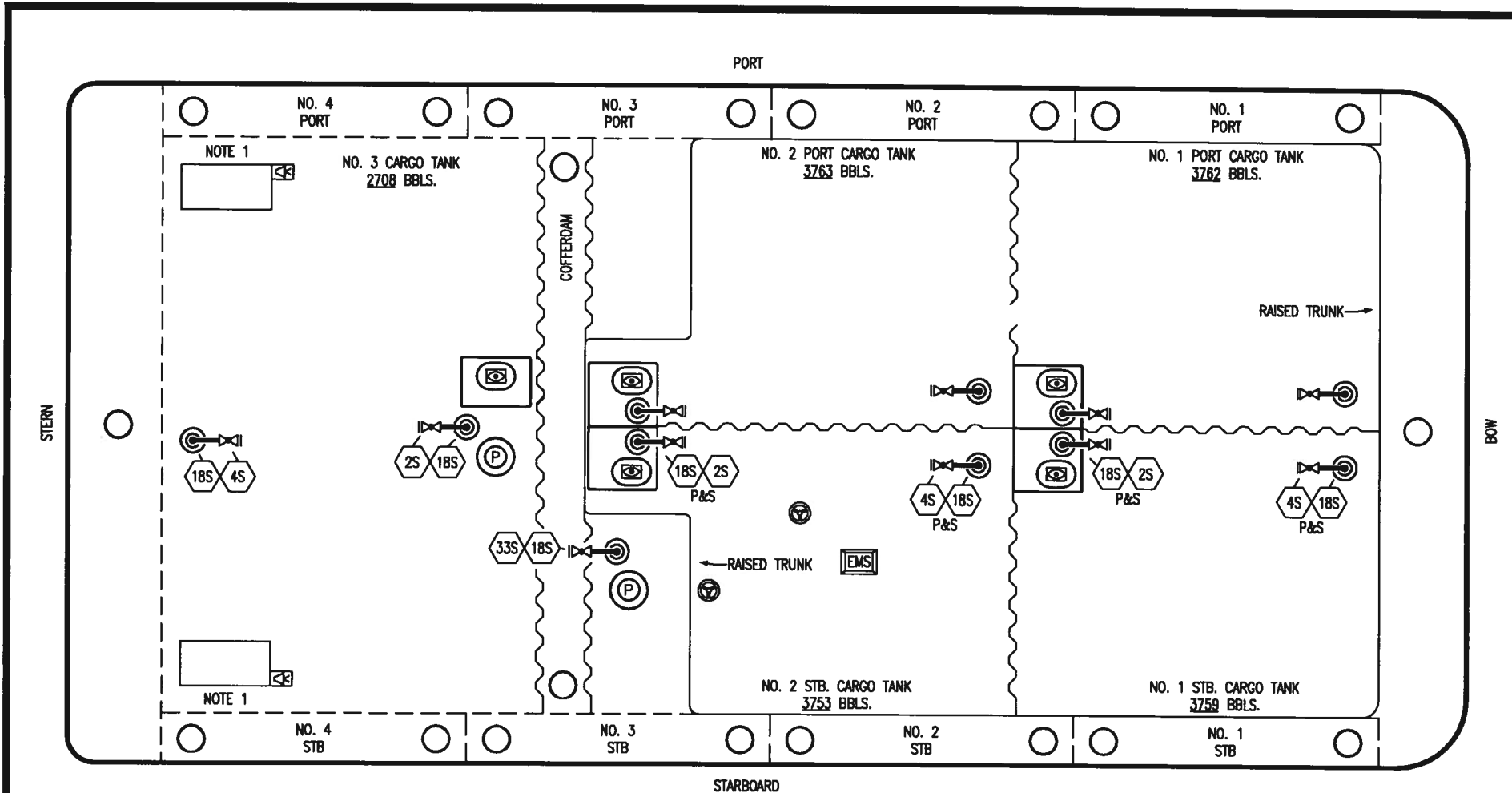
KIRBY INLAND MARINE



**VAPOR
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 2 OF 3

KIRBY 17001B


REV. **0**



- | | |
|---|--|
| NO | DESCRIPTION |
| 2S | CARGO SUMP SUCTION VALVE |
| 4S | CARGO TANK LOWPOINT SUCTION VALVE |
| 18S | STRIPPING DROP  |
| 33S | PUMP WELL SUCTION VALVE |
|  | ABOVE DECK PIPING |

NOTE 1: CONTAINMENT P/S

NEWPARK SHIPBUILDING - EX: DXE 1752

						KIRBY INLAND MARINE 	
						STRIPPING	
						PIPING FLOW DIAGRAM	
0	01/25/10	RB	RB	BR	APPROVED	SCALE: NONE	KIRBY 17001B
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	PAGE: 3 OF 3	
						REV. 0	