

TRINITY MARINE



KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

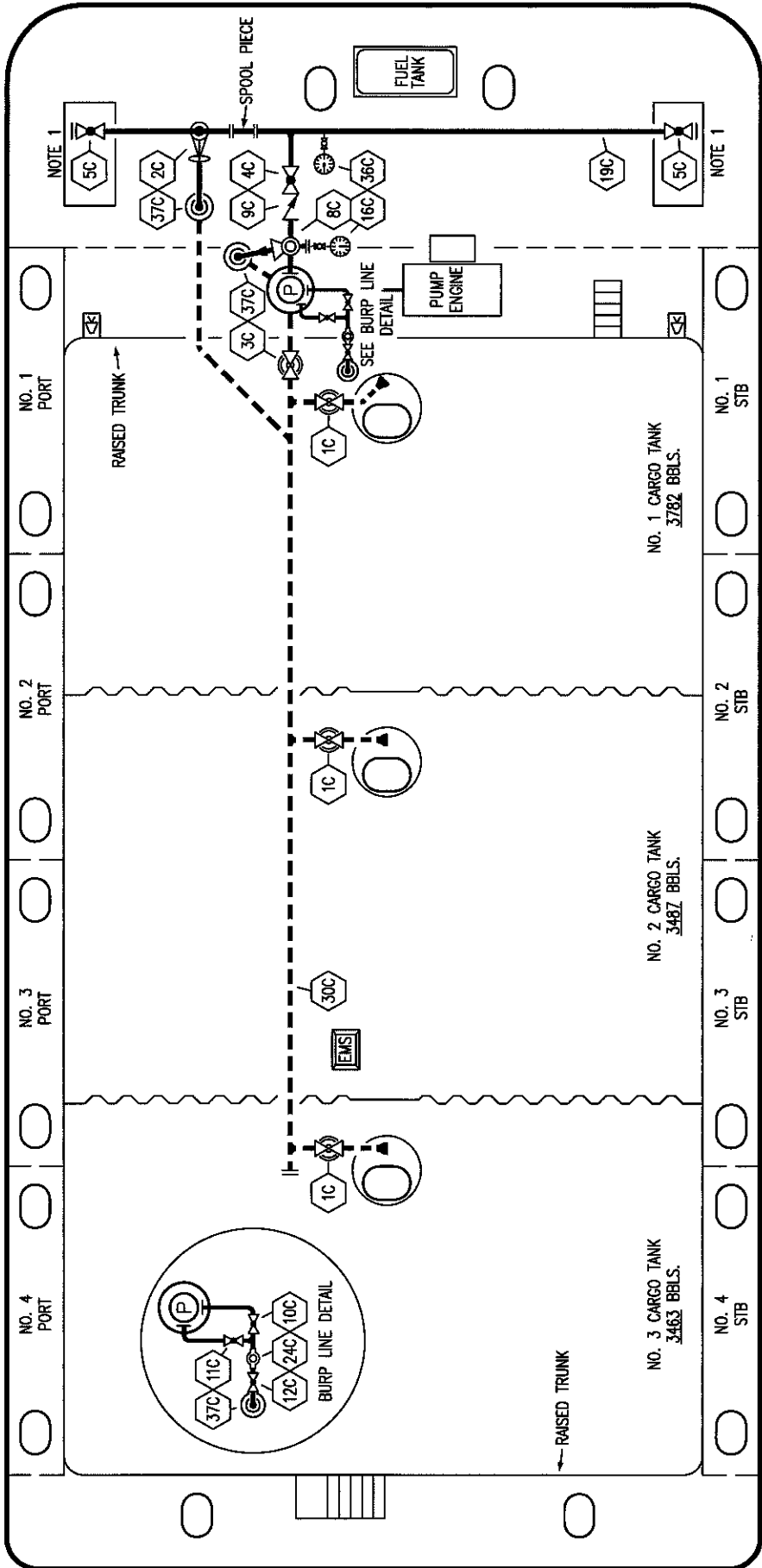
REV.	DATE	BY	CHK APP	REVISION DESCRIPTION
1				
0	09/23/14	KS	DDA	FOR APPROVAL
1	04/04/17	WFB	DDA	REVISED PER CLIENT COMMENTS

SCALE: NONE
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REV. **1**

STARBOARD

NOTE 1: CONTAINMENT P/S

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
8C	6" RELIEF VALVE	36C	PRESSURE GAUGE
9C	8" CHECK VALVE	37C	CARGO DROP
10C	1" BURP VALVE	---	ABOVE DECK PIPING
11C	1" BLEED OFF VALVE	---	BELOW DECK PIPING



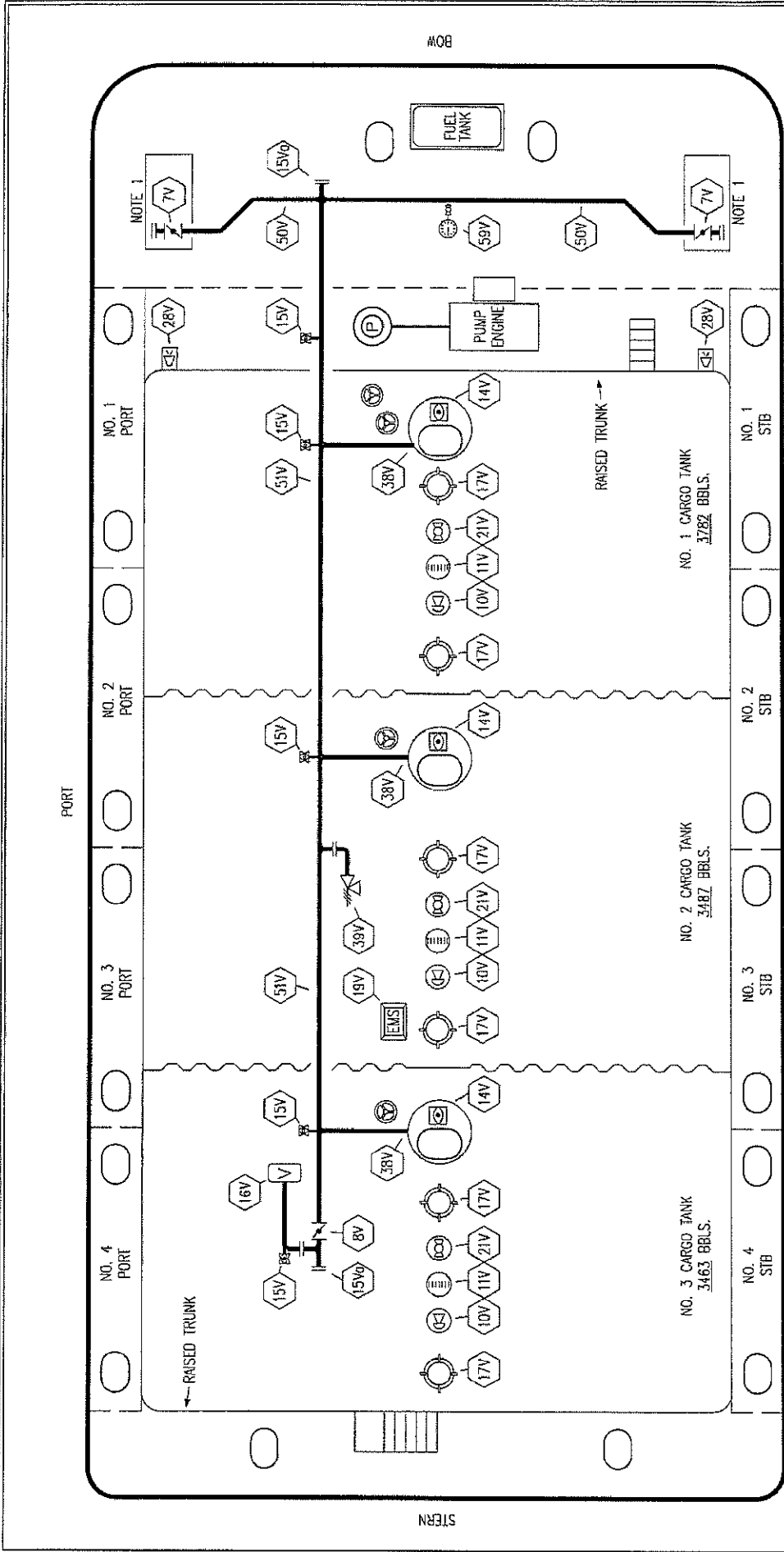
PORT

STERN

STARBOARD

NOTE 1: CONTAINMENT P/S

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
8C	6" RELIEF VALVE	36C	PRESSURE GAUGE
9C	8" CHECK VALVE	37C	CARGO DROP
10C	1" BURP VALVE	---	ABOVE DECK PIPING
11C	1" BLEED OFF VALVE	---	BELOW DECK PIPING



TRINITY MARINE

NOTE 1: CONTAMINANT P/S

STARBOARD

PORT

NO. 1 CARGO TANK
3782 BBLs.

NO. 2 CARGO TANK
3487 BBLs.

NO. 3 CARGO TANK
3463 BBLs.

RAISED TRUNK →

← RAISED TRUNK

FUEL TANK

PUMP ENGINE

NO. 1 STB

NO. 2 STB

NO. 3 STB

NO. 4 STB

NO. 1 PORT

NO. 2 PORT

NO. 3 PORT

NO. 4 PORT

STERN

BOW

- | | | | |
|-----|---------------------------|-----|----------------------------|
| 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 | 38V | 6" PRESSURE/VACUUM VALVE |
| 14V | SIGHT GLASS W/GAUGE TREE | 38V | 8" VAPOR PENETRATION |
| 15V | 2" INSPECTION PORT | 50V | 8" VAPOR HEADER |
| 15V | 8" INSPECTION PORT | 51V | 8" VAPOR PIPELINE |
| 16V | 8" VAPOR VENT STACK | 59V | PRESS/VAC GAUGE |
| 17V | 20" BUTTERWORTH | | ABOVE DECK PIPING |

KIRBY INLAND MARINE

VAPOR PIPING FLOW DIAGRAM

KIRBY 10061

REV	DATE	BY	CHK/APP	REVISION DESCRIPTION
0	09/23/14	KS	DDA	OF APPROVAL

SCALE: NONE

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