

NO	SIZE	DESCRIPTION	NO	SIZE	DESCRIPTION
1C	8"	CARGO TANK VALVE	30C	10"	CARGO PIPELINE
2C	8"	LOAD VALVE	36C		PRESSURE GAUGE
3C	10"	MASTER SUCTION VALVE	37C	8"	CARGO DROP
4C	6"	DISCHARGE VALVE	— — —		ABOVE DECK PIPING
5C	8"	HEADER VALVE	— — —		BELOW DECK PIPING
6C	8"	SALVAGE VALVE			
9C	6"	CHECK VALVE			
11C	1"	BLEED OFF VALVE (VENT)			
13C		CARGO PIPING BLOCK VALVE			
15C	1"	BYPASS VALVE (AROUND CHECK VALVE)			
19C	8"	CARGO HEADER			

NOTE 1: CONTAINMENT- PORT & STB.

JEFFBOAT - EX: S/R 114

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	02/26/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	02/02/09	RB	WK	OF	APPROVED

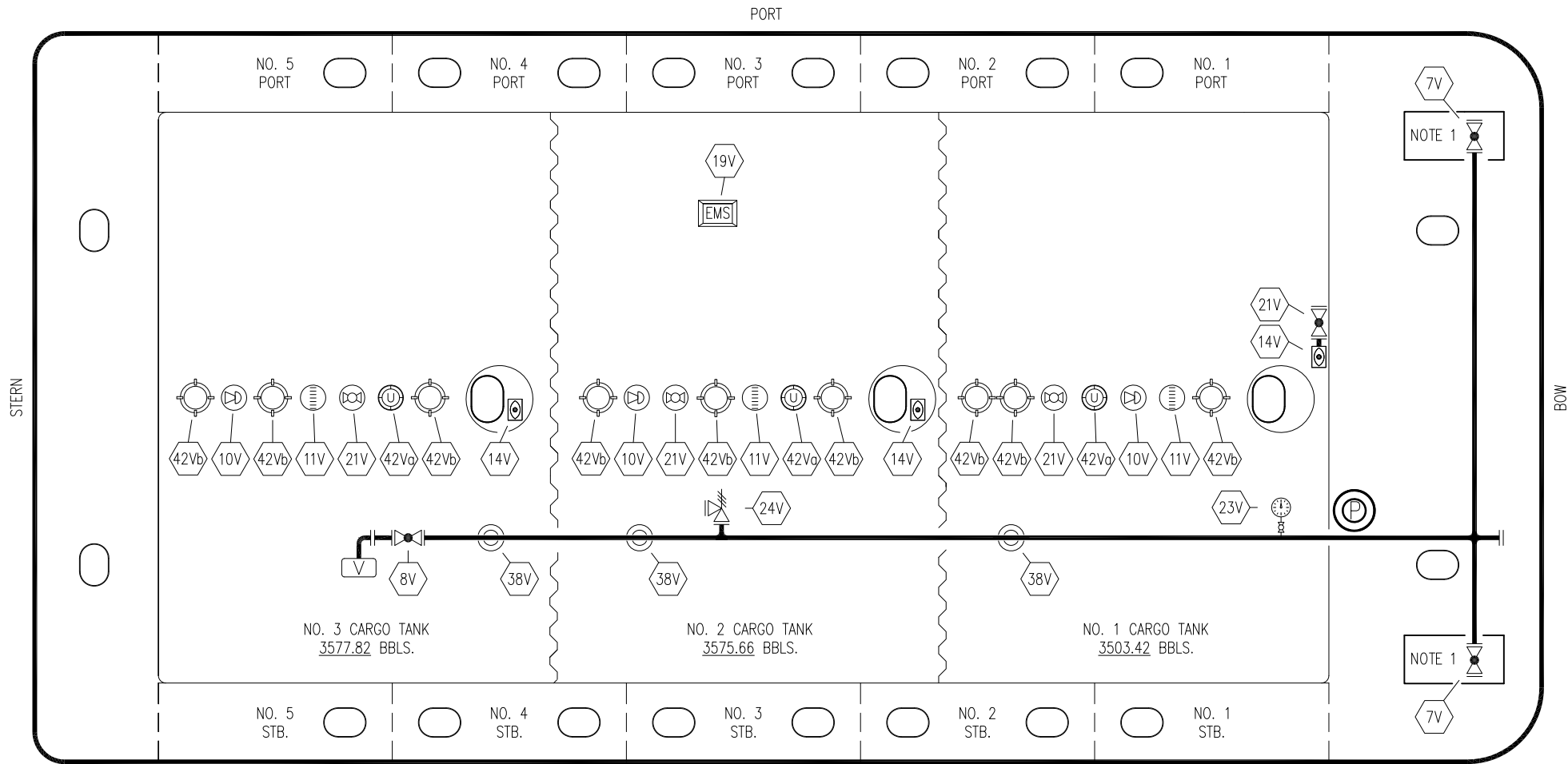
KIRBY INLAND MARINE

CARGO
PIPING FLOW DIAGRAM

KIRBY 10562

REV. 1

SCALE: NONE
PAGE: 1 OF 4




NO	SIZE	DESCRIPTION	NO	SIZE	DESCRIPTION
7V	8"	HEADER VALVE	23V		PRESSURE GAUGE
8V		VENT STACK VALVE	24V	3"	P/V RELIEF VALVE
10V		HIGH LEVEL/OVERFILL ALARM	38V		VAPOR DROP
11V		1 METER GAUGE STICK	42Vo	8"	ULLAGE
14V		SIGHT GLASS	42Vb	12"	BUTTERWORTH
19V		EMERGENCY SHUTDOWN SYSTEM	— ABOVE DECK PIPING		
21V		MMIC GAUGING			

NOTE 1: CONTAINMENT- PORT & STB.

JEFFBOAT -- EX: S/R 114

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	02/26/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	02/02/09	RB	WK	OF	APPROVED



KIRBY INLAND MARINE

VAPOR PIPING FLOW DIAGRAM

KIRBY 10562

SCALE: NONE	REV. 1
PAGE: 2 OF 4	

PORT

NO. 5
PORT

NO. 4
PORT

NO. 3
PORT

NO. 2
PORT

NO. 1
PORT

NOTE 1

EMS

18S

2S

NO. 3 CARGO TANK
3577.82 BBLS.

18S

2S

NO. 2 CARGO TANK
3575.66 BBLS.

2S

18S

30S

NO. 1 CARGO TANK
3503.42 BBLS.

NOTE 1

NO. 5
STB.

NO. 4
STB.

NO. 3
STB.

NO. 2
STB.

NO. 1
STB.

STARBOARD

STERN

BOW

NO	SIZE	DESCRIPTION
2S		STRIP SUMP
16S		PUMP REMOTE SUCTION
18S		STRIPPING DROP
30S		STRIP DEEP WELL
37S		BLOCK VALVE

— ABOVE DECK PIPING

- - - BELOW DECK PIPING

NOTE 1: CONTAINMENT- PORT & STB.

JEFFBOAT - EX: S/R 114

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	02/26/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	02/02/089	RB	WK	OF	APPROVED

KIRBY INLAND MARINE 

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 3 OF 4

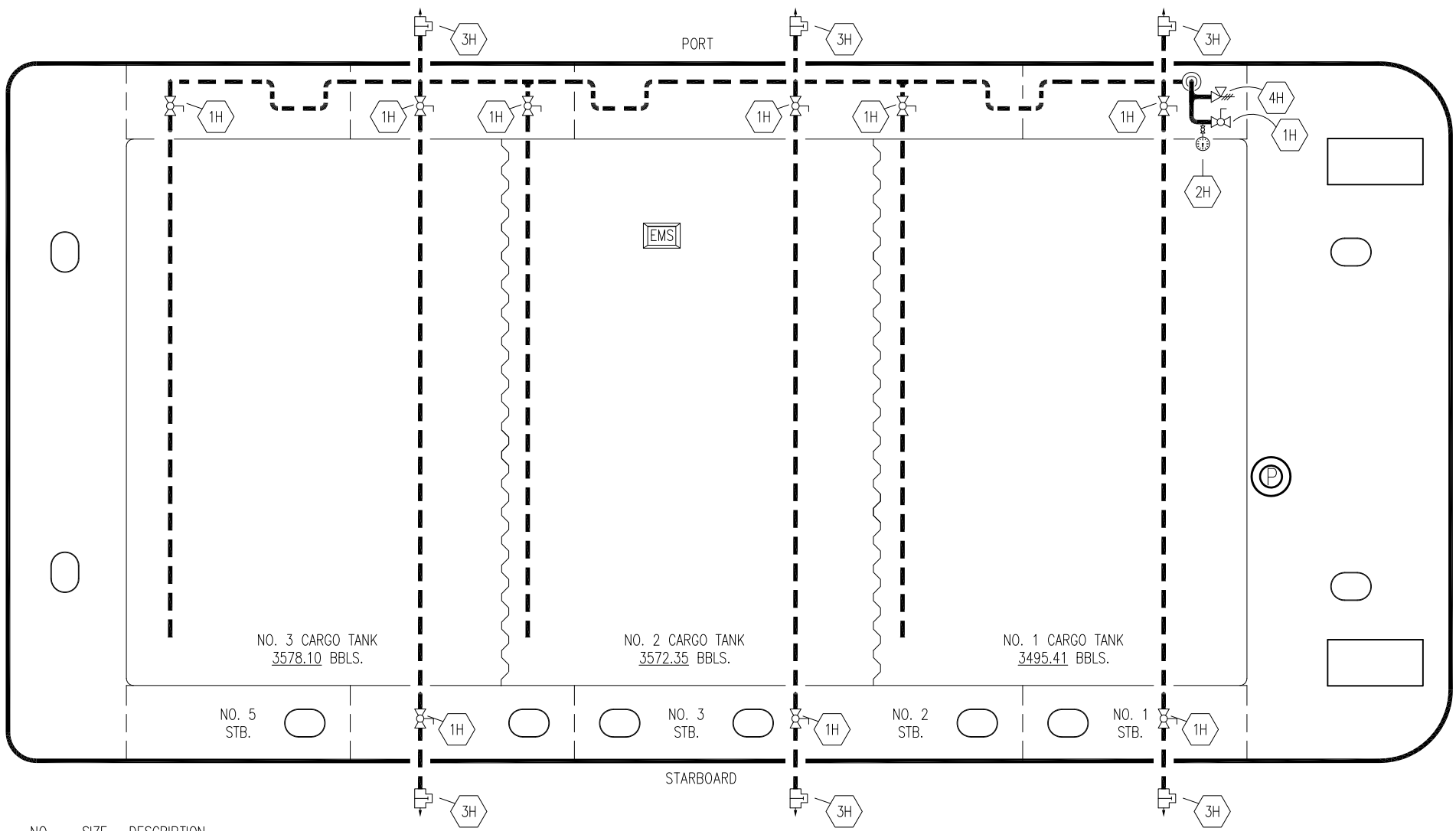
KIRBY 10562 REV. **1**

STERN

BOW

PORT

STARBOARD



- | NO | SIZE | DESCRIPTION |
|----|------|--------------------|
| 1H | | GLOBE VALVE |
| 2H | | PRESSURE GAUGE |
| 3H | | IMPULSE STEAM TRAP |
| 4H | | RELIEF VALVE |

- ABOVE DECK PIPING
- BELOW DECK PIPING

JEFFBOAT – EX: S/R 114

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	02/26/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	02/25/09	RB	BR	OF	APPROVED NEW DWG.

KIRBY INLAND MARINE

**HEATING
PIPING FLOW DIAGRAM**

SCALE: NONE	REV. 1
PAGE: 4 OF 4	KIRBY 10562