

NO	SIZE	DESCRIPTION
1C	8"	CARGO TANK VALVE
2C	8"	LOAD VALVE
3C	10"	MASTER SUCTION VALVE
4C	8"	DISCHARGE VALVE
5C	8"	HEADER VALVE
6C	8"	SALVAGE VALVE
8C	6"	RELIEF VALVE
9Co	8"	CHECK VALVE
9Cb	1"	CHECK VALVE

NO	SIZE	DESCRIPTION
11C	1"	BLEED OFF VALVE
12C	1"	BURP VALVE RETURN TO CARGO TANK
15C	2"	BYPASS VALVE (AROUND CHECK VALVE)
19C	8"	CARGO HEADER
30C	10"	CARGO PIPELINE
37C		CARGO DROP

— ABOVE DECK PIPING
- - - BELOW DECK PIPING

NOTE 1: CONTAINMENT- PORT & STB.

JEFFBOAT

KIRBY INLAND MARINE 

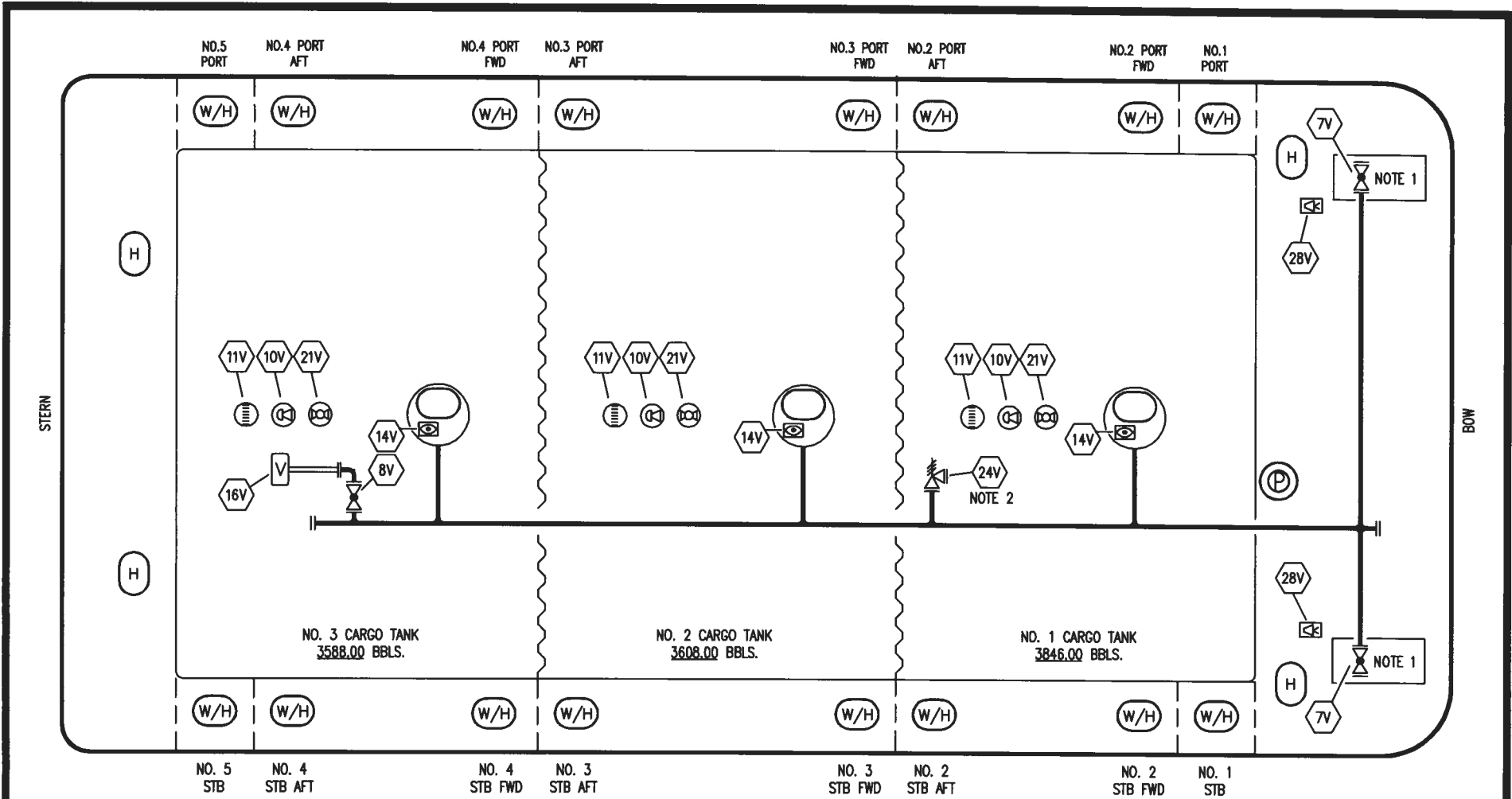
**CARGO
PIPING FLOW DIAGRAM**

0	01/26/09	RB	WK	OF	APPROVED
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

SCALE: NONE
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KIRBY 11522

REV. **0**



NO. 3 CARGO TANK
3588.00 BBLs.

NO. 2 CARGO TANK
3608.00 BBLs.

NO. 1 CARGO TANK
3846.00 BBLs.

NO	SIZE	DESCRIPTION
7V	8"	HEADER VALVE
8V	8"	VENT STACK VALVE
10V		HIGH LEVEL/OVERFILL ALARM
11V		GAUGE STICK
14V		SIGHT GLASS/GAUGE TREE
16V	8"	VAPOR VENT STACK
21V	2"	HERMETIC GAUGE
24V	6"	PRESSURE RELIEF VALVE
28V		HIGH LEVEL/OVERFILL ALARM DOCK CONNECTION

— ABOVE DECK PIPING

NOTE 1: CONTAINMENT- PORT & STB.

NOTE 2: P.V. SET @ 3 PSI PRESSURE AND .5 PSI VACUUM

JEFFBOAT

0	01/26/09	RB	WK	OF	APPROVED
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

KIRBY INLAND MARINE

VAPOR PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 11522	REV. 0
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