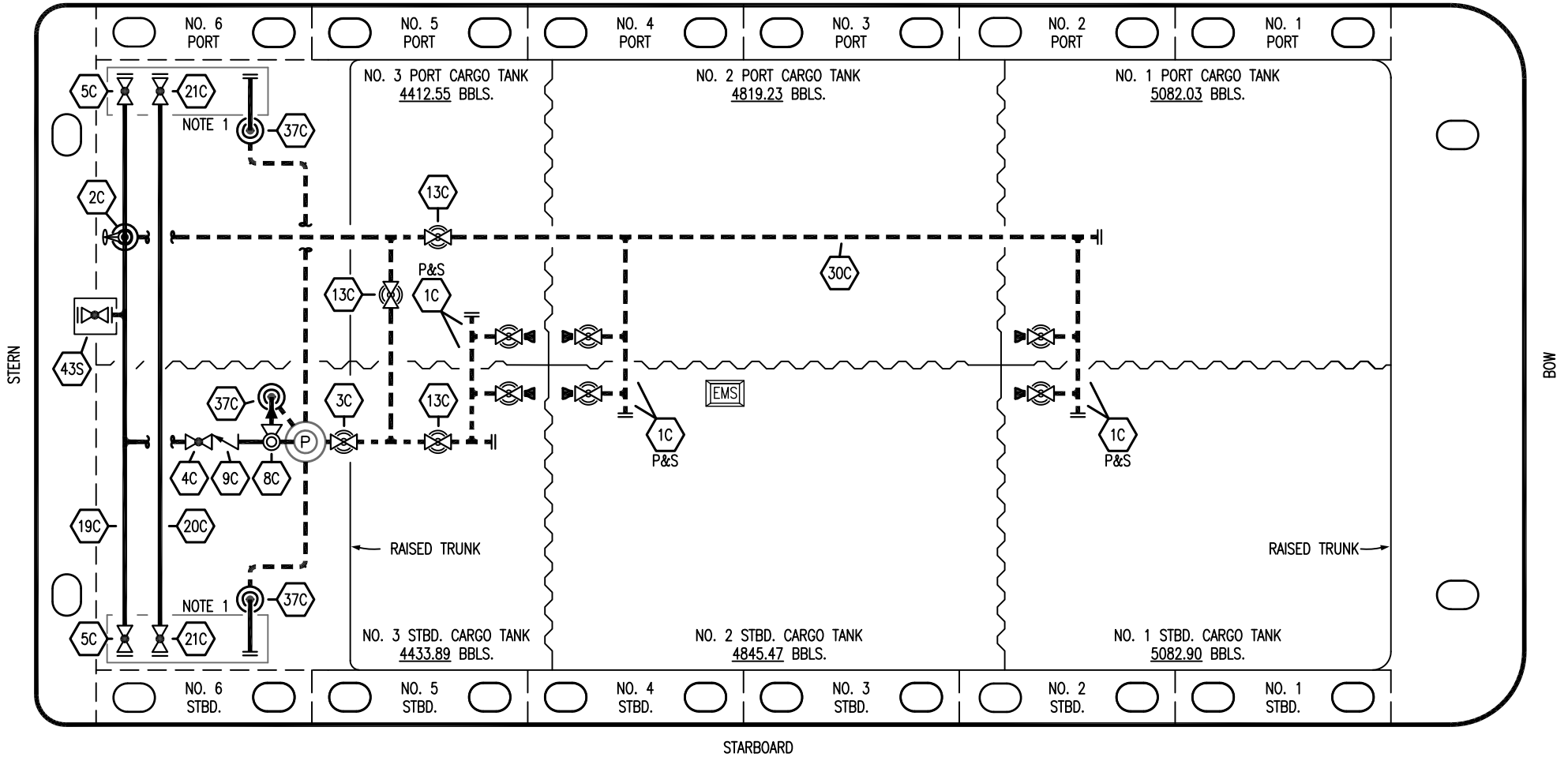


PORT




STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
1C	CARGO TANK VALVE	19C	CARGO HEADER
2C	LOAD VALVE	20C	DUMMY HEADER PIPING
3C	MASTER SUCTION VALVE	21C	DUMMY HEADER VALVE
4C	DISCHARGE VALVE	30C	CARGO PIPELINE
5C	HEADER VALVE	37C	CARGO DROP
8C	RELIEF VALVE	43S	STERN HEADER VALVE
9C	CHECK VALVE	—	ABOVE DECK PIPING
13C	CARGO PIPING BLOCK VALVE	- - -	BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

EX: CTCO 343

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	09/13/23	MRV	DDA	RM	REVISED BARGE NAME
0	02/20/19	MRV	DDA		ISSUED FOR APPROVAL



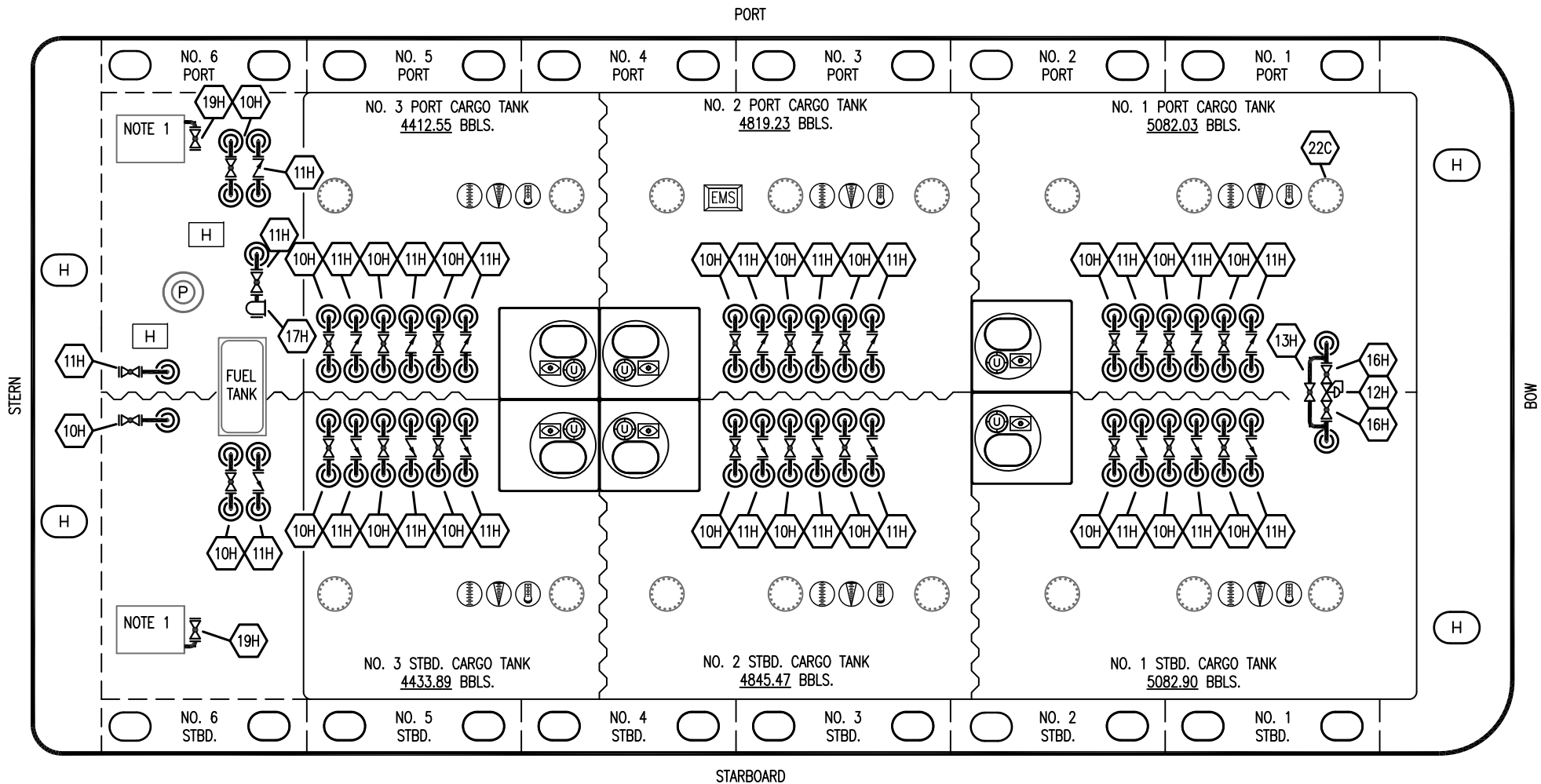
KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

KIRBY 27314

SCALE: NONE	REV. 1
PAGE: 1 OF 3	



- | NO | DESCRIPTION |
|-----|----------------------|
| 10H | SUPPLY VALVE |
| 11H | RETURN |
| 12H | PRESSURE REGULATOR |
| 13H | BY-PASS |
| 16H | ISOLATION VALVE |
| 17H | BASKET STRAINER |
| 18H | CHECK VALVE |
| 19H | DRIP PAN DRAIN VALVE |
| — | ABOVE DECK PIPING |

NOTE 1: 6 BARREL DRIP PAN

EX: CTCO 343

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	09/13/23	MRV	DDA	RM	REVISED BARGE NAME
0	02/20/19	MRV	DDA		ISSUED FOR APPROVAL

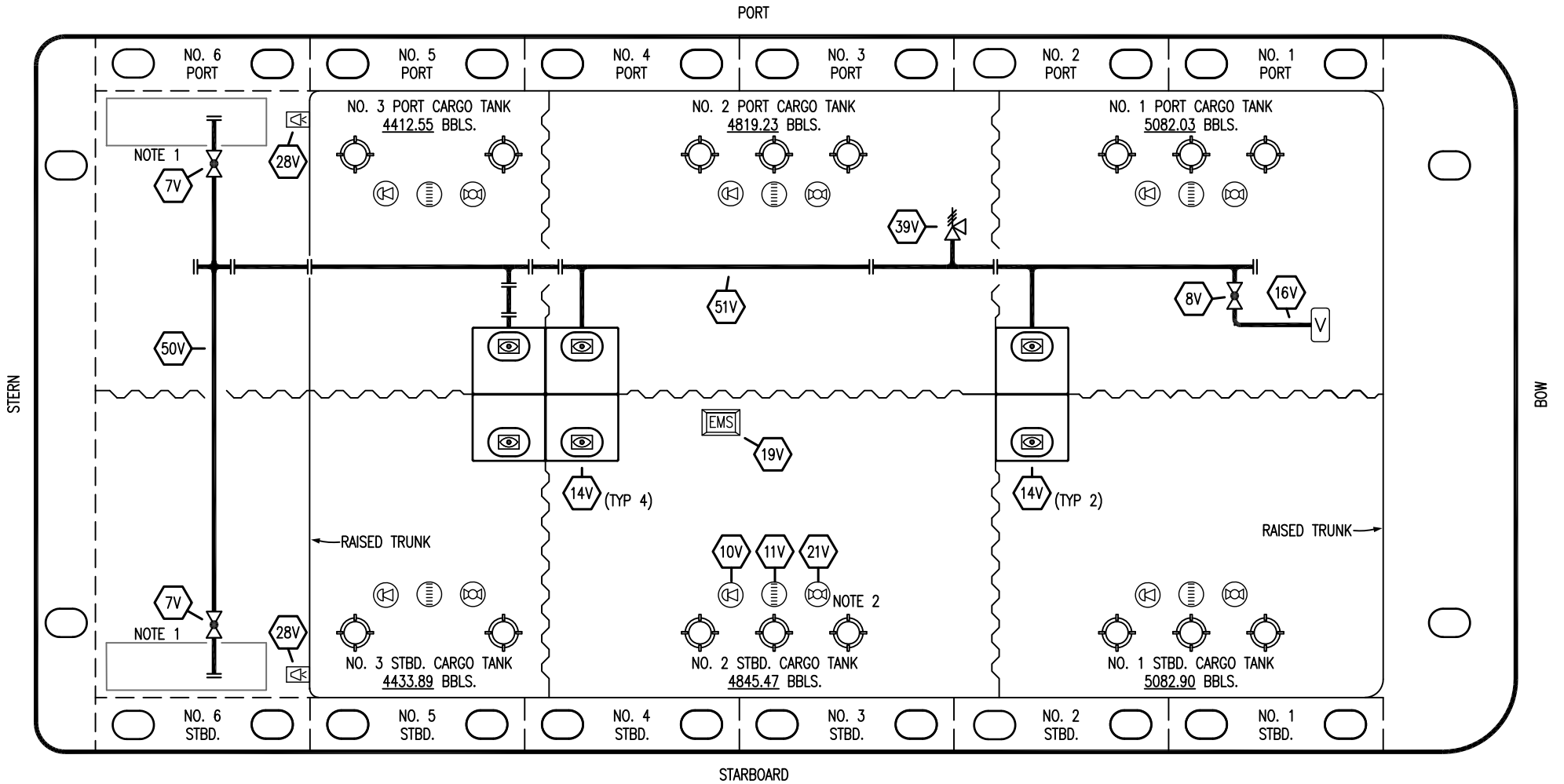
KIRBY INLAND MARINE 

**HOT OIL
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 2 of 3

KIRBY 27314

REV. **1**



- | NO | DESCRIPTION |
|-----|---------------------------|
| 7V | HEADER VALVE |
| 8V | VENT STACK VALVE |
| 10V | HIGH LEVEL/OVERFILL ALARM |
| 11V | 1-METER GAUGE STICK |
| 14V | SIGHT GLASS |
| 16V | VAPOR VENT STACK |

- | NO | DESCRIPTION |
|-----|----------------------------|
| 19V | EMERGENCY ENGINE SHUT DOWN |
| 21V | HERMETIC GAUGE |
| 28V | DOCK CONNECTION ALARM |
| 50V | VAPOR HEADER |
| 51V | VAPOR PIPELINE |
| — | ABOVE DECK PIPING |

NOTE 2: TYPICAL RIGGING IN EACH TANK

NOTE 1: CONTAINMENT P/S

EX: CTCO 34-3

1	90/13/23	MRV	DDA	RM	REVISED BARGE NAME	
0	02/20/19	MRV	DDA		ISSUED FOR APPROVAL	
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	

KIRBY INLAND MARINE 

VAPOR PIPING FLOW DIAGRAM

SCALE: NONE
PAGE: 3 OF 3

KIRBY 27314 REV. **1**