

NO	SIZE	DESCRIPTION	NO	SIZE	DESCRIPTION
2C	8"	LOAD VALVE	12C	1"	BURP VALVE RETURN TO CARGO TANK
4C	8"	DISCHARGE VALVE	13C	8"	CARGO PIPING BLOCK VALVE
5C	8"	HEADER VALVE	19C	8"	CARGO HEADER
6C	8"	SALVAGE VALVE	20C		DUMMY HEADER PIPING
8C	8"	RELIEF VALVE	21C		DUMMY HEADER VALVE
9C	8"	CHECK VALVE	37C	8"	CARGO DROP
11C	1"	BURP LINE			
		— ABOVE DECK PIPING			
		- - - BELOW DECK PIPING			

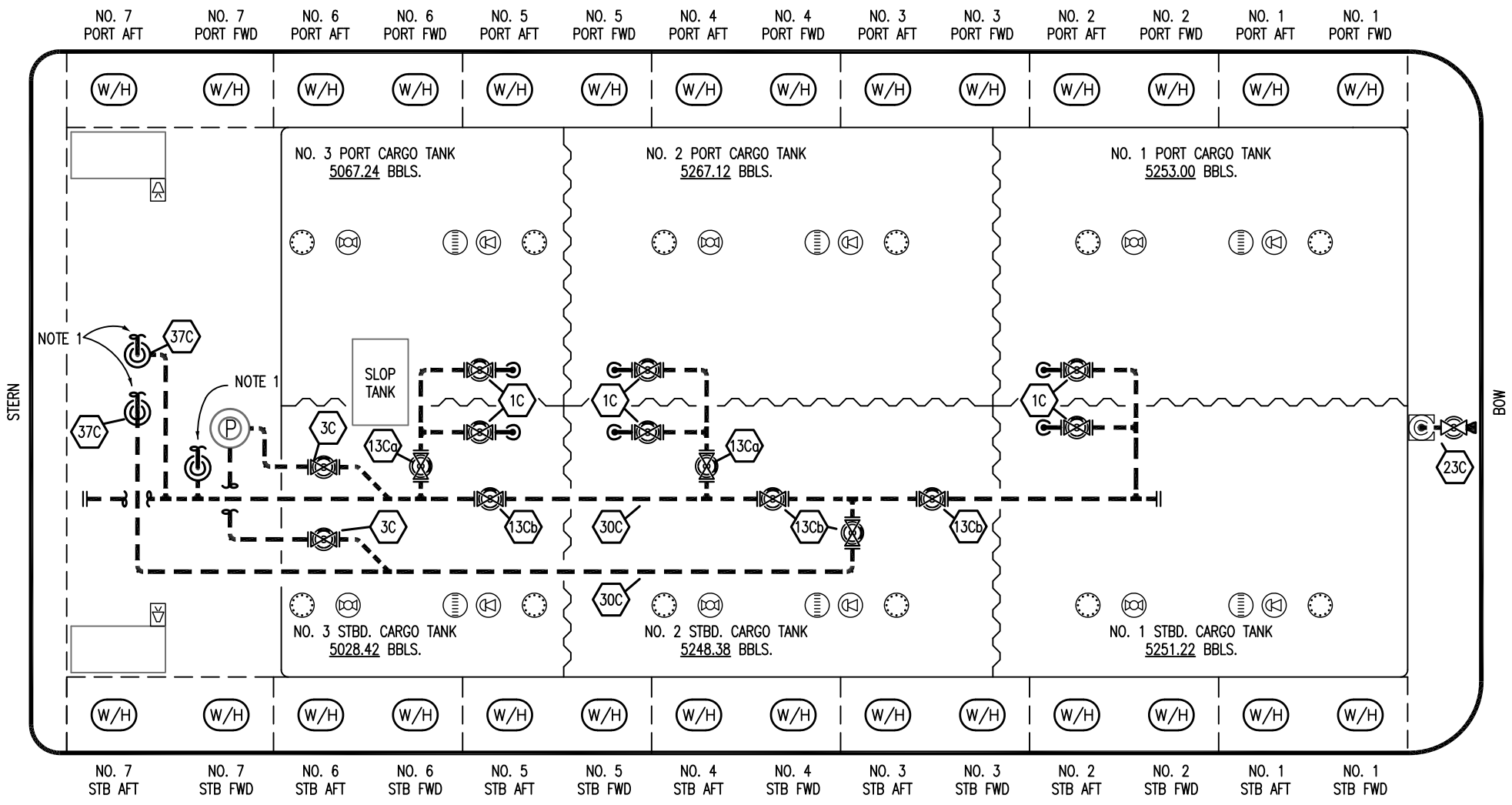
NOTE 1: CONT. ON BELOW DECK CARGO DWG.  
 NOTE 2: CONTAINMENT PORT & STB.

WEST GULF MARINE

# KIRBY INLAND MARINE

## ABOVE DECK CARGO PIPING FLOW DIAGRAM


REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	02/09/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
2	01/29/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
1	01/22/15	DDA	DDA	OF	REVISED PER CLIENT COMMENTS
0	02/09/09	WK	RB	OF	APPROVED



- | NO    | SIZE | DESCRIPTION              |
|-------|------|--------------------------|
| 1C    |      | CARGO TANK VALVE         |
| 3C    |      | MASTER SUCTION VALVE     |
| 13Ca  | 10"  | CARGO PIPING BLOCK VALVE |
| 13Cb  | 12"  | CARGO PIPING BLOCK VALVE |
| 14V   | 1"   | SIGHT GLASS              |
| 23C   |      | SEA CHEST BLOCK VALVE    |
| 30C   | 8"   | CARGO PIPELINE           |
| 37C   |      | CARGO DROP               |
| —     |      | ABOVE DECK PIPING        |
| - - - |      | BELOW DECK PIPING        |

NOTE 1: CONT. ON ABOVE DECK CARGO

WEST GULF MARINE



# KIRBY INLAND MARINE

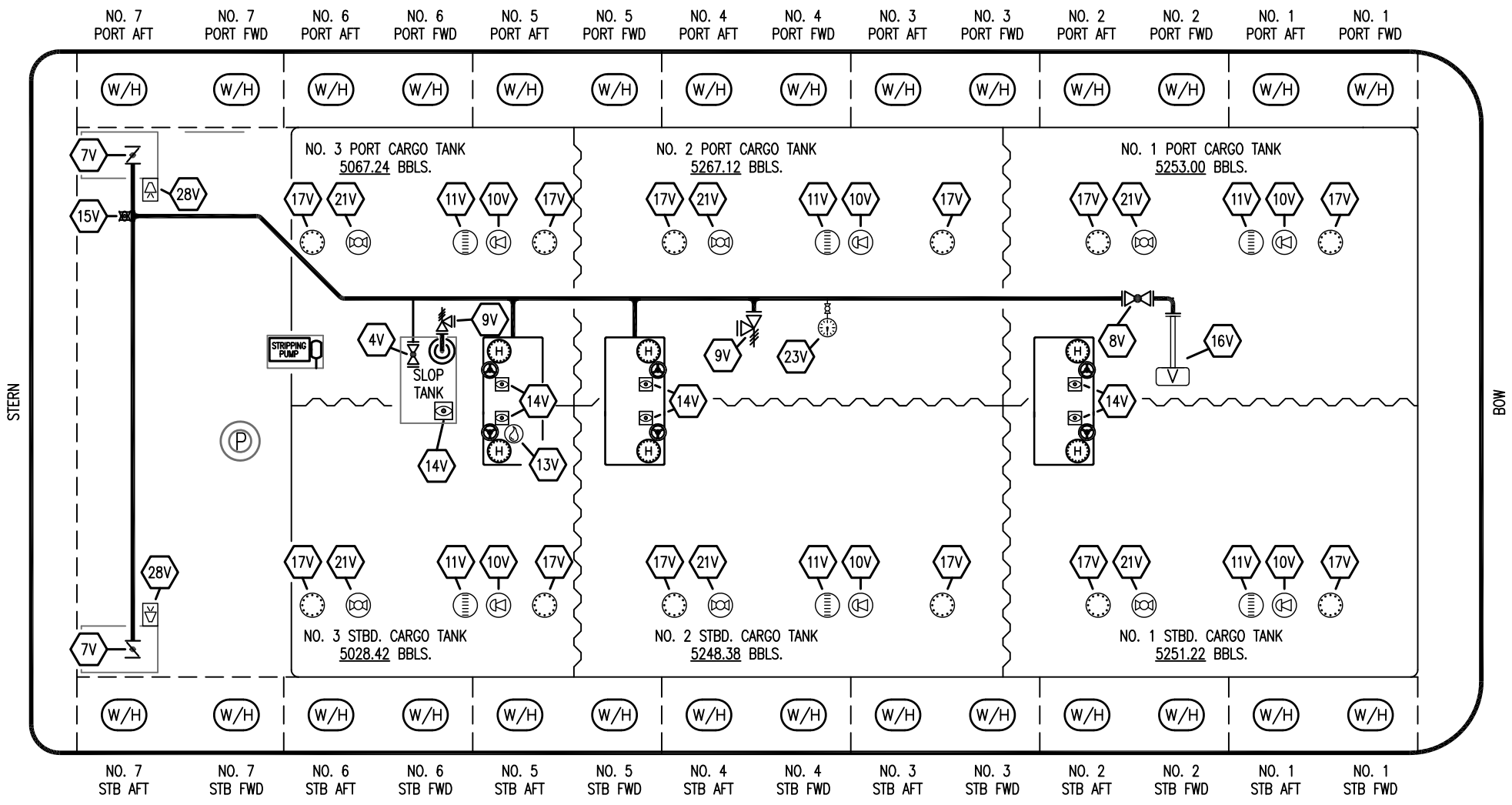
## BELOW DECK CARGO PIPING FLOW DIAGRAM

### KIRBY 30025B

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	01/29/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
2	01/27/15	DDA	DDA	OF	ADDED SEA CHEST VALVE
1	01/13/14	GP	GP	DDA	REVISED PER CLIENT
0	02/09/09	WK	RB	OF	APPROVED

SCALE: NONE  
PAGE: 2 OF 4

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	01/29/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
2	01/27/15	DDA	DDA	OF	ADDED SEA CHEST VALVE
1	01/13/14	GP	GP	DDA	REVISED PER CLIENT
0	02/09/09	WK	RB	OF	APPROVED



- |     |      |                           |
|-----|------|---------------------------|
| NO  | SIZE | DESCRIPTION               |
| 4V  |      | SLOP TANK SPEC VENT VALVE |
| 7V  | 8"   | HEADER VALVE              |
| 8V  | 8"   | VENT STACK VALVE          |
| 9V  | 6"   | PRESS/VAC VALVE           |
| 10V | 8"   | HIGH LEVEL/OVERFILL ALARM |
| 11V | 8"   | GAUGE STICK               |
| 13V | 2"   | HERMETIC SAMPLE ONLY      |
| 14V | 8"   | SIGHT GLASS               |
| 15V | 2"   | INSPECTION PORT           |
| 16V | 8"   | VAPOR VENT STACK          |

- |     |      |   |
|-----|------|---|
| NO  | SIZE | DESCRIPTION                               |
| 17V | 20"  | BUTTERWORTH                               |
| 21V | 2"   | HERMETIC GAUGE                            |
| 23V |      | PRESSURE GAUGE                            |
| 28V | 8"   | HIGH LEVEL/OVERFILL ALARM DOCK CONNECTION |
| --- |      | ABOVE DECK PIPING                         |
| --- |      | BELOW DECK PIPING                         |

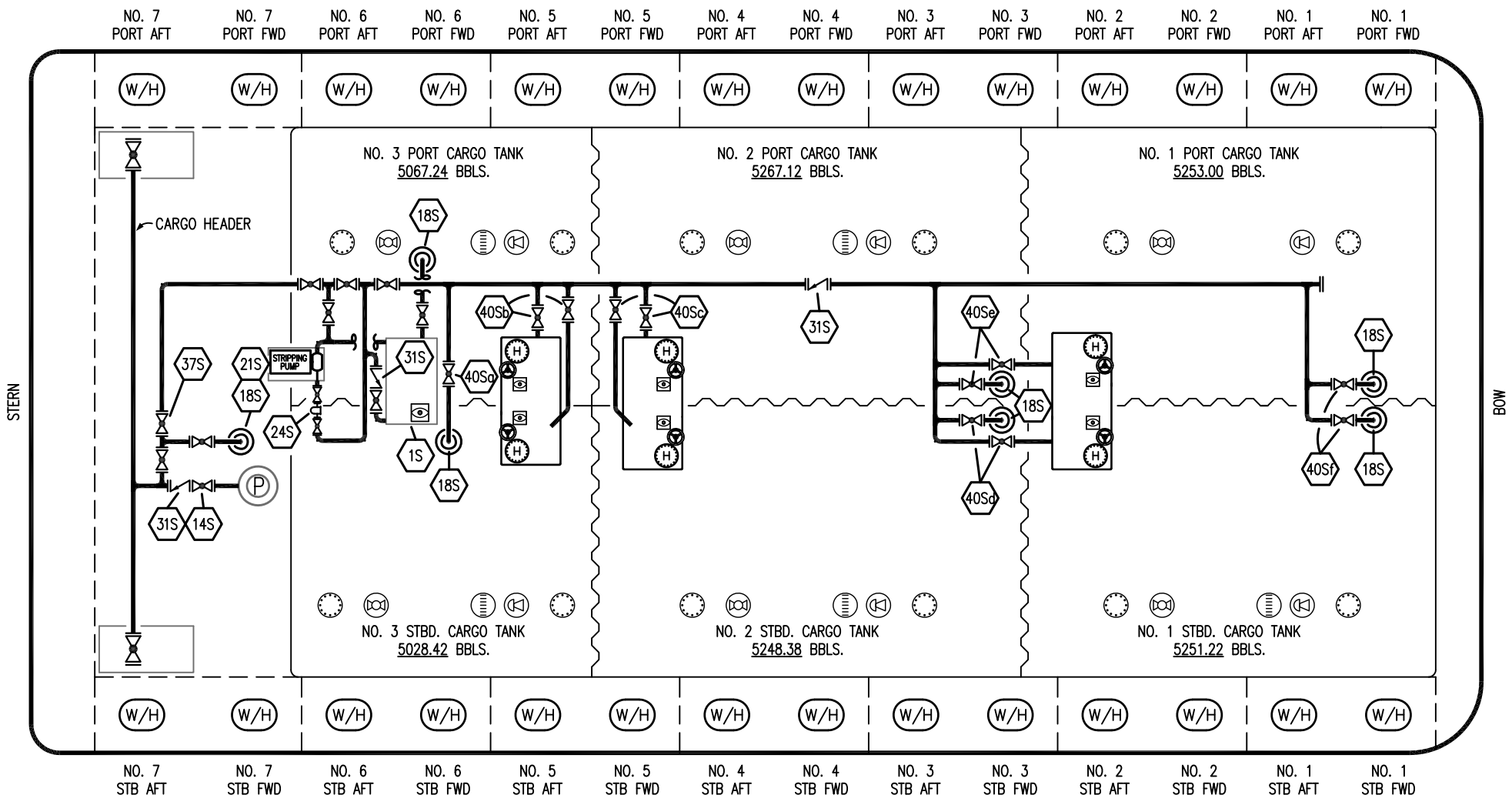
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	01/29/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
1	12/12/13	DCB	DDA		REVISED INST.
0	02/09/09	WK	RB	OF	APPROVED

WEST GULF MARINE

**KIRBY INLAND MARINE**

**VAPOR PIPING FLOW DIAGRAM**

SCALE: NONE	<b>KIRBY 30025B</b>	REV. <b>2</b>
PAGE: 3 OF 4		



- |      |                             |      |                               |      |   |
|------|-----------------------------|------|-------------------------------|------|---|
| NO   | DESCRIPTION                 | NO   | DESCRIPTION                   | NO   | DESCRIPTION                             |
| 1S   | SLOP TANK, 3000 GALLONS     | 22S  | STRIPPING PUMP                | 40Sc | CARGO TANK SUCTION, NO. 2 P/S           |
| 5S   | SLOP TANK SUCTION VALVE     | 24S  | BASKET STRAINER               | 40Sd | CARGO TANK SUCTION, NO. 2 P/S FWD. L.P. |
| 6S   | SLOP TANK FILL PIPING       | 26S  | STRIPPING HEADER BLOCK VALVE  | 40Se | CARGO TANK SUCTION, NO. 1 P/S           |
| 11S  | RETURN TO CARGO TANK PIPING | 31S  | CHECK VALVE                   | 40Sf | CARGO TANK SUCTION, NO. 1 P/S FWD. L.P. |
| 12S  | RETURN TO CARGO TANK VALVE  | 32S  | PUMP WELL PRIMER VALVE        |      |   |
| 14S  | DISCHARGE VALVE             | 33S  | PUMP WELL SUCTION             |      |   |
| 15S  | DISCHARGE HEADER VALVE      | 35S  | STRIPPING VALVE               |      |   |
| 16Sa | REMOTE SUCTION CONNECTION   | 37S  | BLOCK VALVE                   |      |   |
| 16Sb | REMOTE SUCTION CONNECTION   | 40Sa | CARGO TANK SUCTION, MAIN      |      |   |
| 21S  | PRIMING POT W/ SIGHT GLASS  | 40Sb | CARGO TANK SUCTION, NO. 3 P/S |      |   |

NOTE 1: CONT. TO ABOVE DECK CARGO HEADER  
 NOTE 2: CONT. TO BELOW DECK CARGO

ABOVE DECK PIPING ———  
 BELOW DECK PIPING - - -

WEST GULF MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	02/09/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
1	01/29/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
0	02/09/09	WK	RB	OF	APPROVED

**KIRBY INLAND MARINE**

**STRIPPING  
PIPING FLOW DIAGRAM**

SCALE: NONE	<b>KIRBY 30025B</b>	REV. 2
PAGE: 4 OF 4		