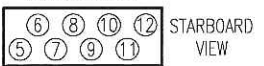


CARGO HEADER ARRANGEMENT



- |                    |                         |
|--------------------|-------------------------|
| PORT CARGO HEADERS | STARBOARD CARGO HEADERS |
| 6 PC - #1          | 5 SC - #1               |
| 8 PC - #2          | 7 SC - #2               |
| 10 PC - #3         | 9 SC - #3               |
| 12 PC - #4         | 11 SC - #4              |

- |     |                     |     |                |
|-----|---------------------|-----|----------------|
| NO  | DESCRIPTION         | NO  | DESCRIPTION    |
| 2C  | 4" LOAD VALVE       | 19C | CARGO HEADER   |
| 4C  | 4" DISCHARGE VALVE  | 30C | CARGO PIPELINE |
| 5C  | HEADER VALVE        | 36C | PRESSURE GAUGE |
| 10V | HIGH LEVEL ALARM    | 37C | CARGO DROP     |
| 11V | 1-METER GAUGE STICK |     |                |

- NOTE
- 1: VALVE ARRANGEMENT TYPICAL IN EACH TANK
  - 2: BELOW EVERY PRESSURE GAUGE @ PUMP IS A CARGO DRAIN VALVE ON BOTTOM OF PIPE
  - 3: ENVIRO-RITE AW-46 OIL ONLY

THE SHEARER GROUP INC.

KIRBY INLAND MARINE

**CARGO PIPING FLOW DIAGRAM**

0	10/29/18	MRV	DDA	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP
				REVISION DESCRIPTION

SCALE: NONE	<b>KIRBY AL 2301</b>	REV. 0
PAGE: 1 OF 2		

