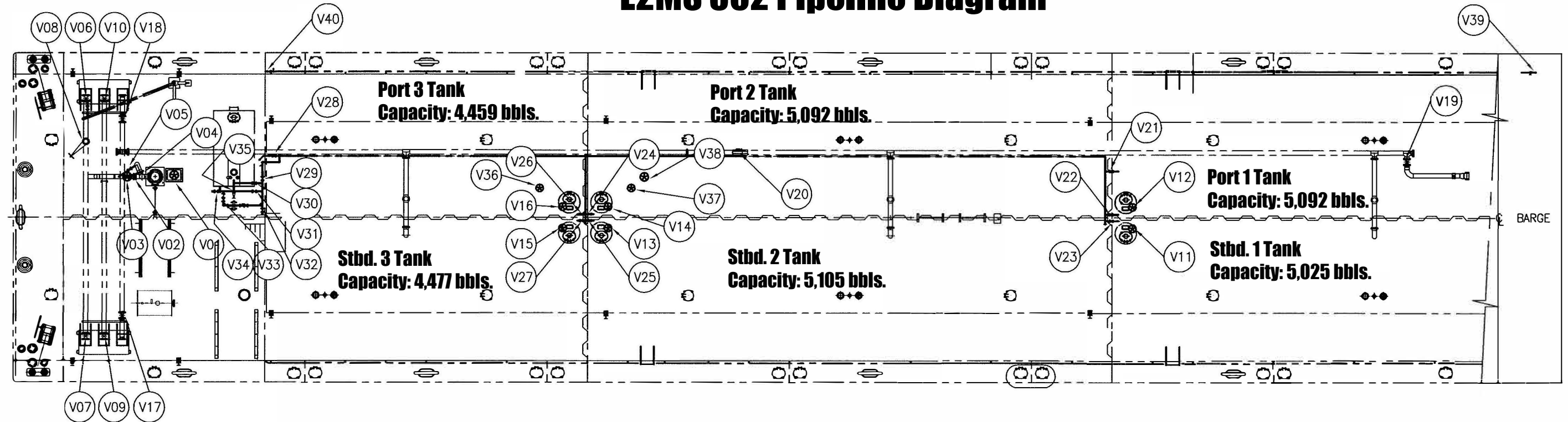


# E2MS 302 Pipeline Diagram



- |     |                                  |     |                                    |
|-----|----------------------------------|-----|------------------------------------|
| V01 | CARGO PUMP SUCTION VALVE         | V21 | CARGO HEADER STRIPPING VALVE       |
| V02 | CARGO PUMP DISCHARGE CHECK VALVE | V22 | STRIPPING VALVE-TANK 1P            |
| V03 | CARGO PUMP DISCHARGE VALVE       | V23 | STRIPPING VALVE-TANK 1S            |
| V04 | CARGO PUMP RELIEF VALVE          | V24 | STRIPPING VALVE-TANK 2P            |
| V05 | CARGO PUMP BYPASS VALVE          | V25 | STRIPPING VALVE-TANK 2S            |
| V06 | PORT CARGO HEADER VALVE          | V26 | STRIPPING VALVE-TANK 3P            |
| V07 | STBD CARGO HEADER VALVE          | V27 | STRIPPING VALVE-TANK 3S            |
| V08 | CARGO LOADING VALVE              | V28 | STRIPPING VALVE-CARGO PUMPWELL     |
| V09 | STBD DOCKSIDE HEADER VALVE       | V29 | STRIPPING VALVE-SUCTION FROM SYS   |
| V10 | PORT DOCKSIDE HEADER VALVE       | V30 | STRIPPING VALVE-SUCTION FR SLOP TK |
| V11 | CARGO VALVE-TANK 1S              | V31 | STRIPPING VALVE-RETURN TO SYS      |
| V12 | CARGO VALVE-TANK 1P              | V32 | STRIPPING VALVE-SUCT HOSE CONN     |
| V13 | CARGO VALVE-TANK 2S              | V33 | STRIPPING VALVE-PUMP DISCHARGE     |
| V14 | CARGO VALVE-TANK 2P              | V34 | STRIPPING VALVE-DISCH HOSE CONN    |
| V15 | CARGO VALVE-TANK 3S              | V35 | STRIPPING VALVE-DISCH TO SLOP TK   |
| V16 | CARGO VALVE-TANK 3P              | V36 | CROSSOVER BLOCK VALVE-TANK #3      |
| V17 | STBD VAPOR HEADER VALVE          | V37 | CROSSOVER BLOCK VALVE-TANK #2      |
| V18 | PORT VAPOR HEADER VALVE          | V38 | LONGITUDINAL HEADER BLOCK VALVE    |
| V19 | VAPOR STACK BLOCK VALVE          | V39 | AIR VALVE-FORWARD                  |
| V20 | VAPOR P/V VALVE                  | V40 | AIR VALVE AFT                      |