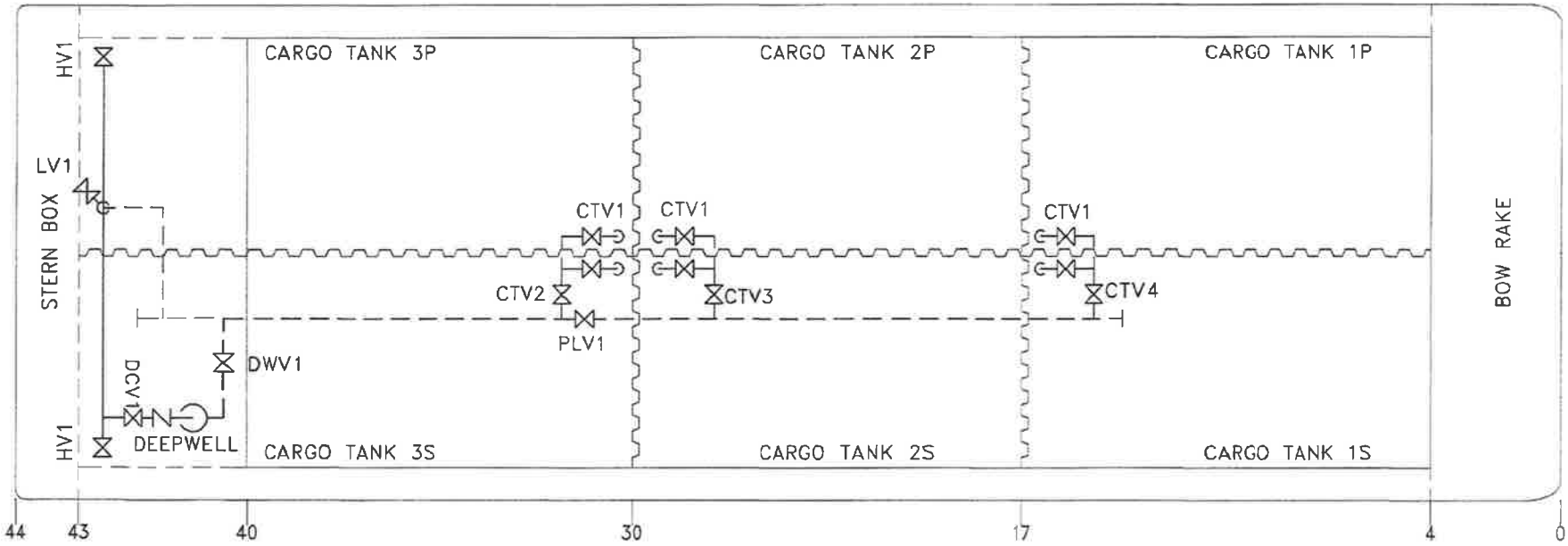


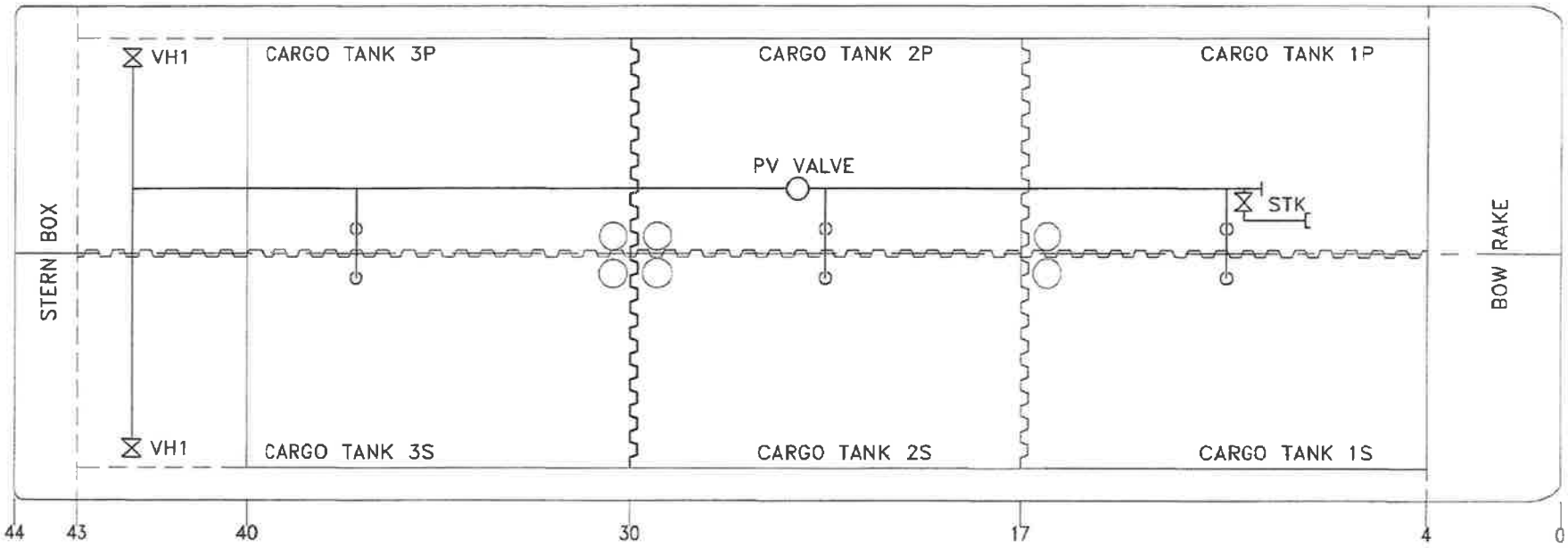
HV1 – CARGO HEADER VALVE
LV1 – CARGO LOAD VALVE
DWV1– CARGO DEEPWEEL BLOCK VALVE
PLV1 – STARBOARD BLOCK VALVE
CTV1 – CARGO TANK LOAD/DISCHARGE VALVE
CTV2 – CARGO TANK #3 P/S BLOCK VALVE
CTV3 – CARGO TANK #2 P/S BLOCK VALVE
CTV4 – CARGO TANK #1 P/S BLOCK VALVE
DCV1 – CARGO PUMP DISCHARGE VALVE

LOAD BARGE:
OPEN: HV1, LV1, PLV1, CTV1, CTV2, CTV3, CTV4
CLOSE: DWV1, DCV1

DISCHARGE BARGE:
OPEN: DWV1, HV1, CTV1, CTV2, CTV3, CTV4 DCV1, PLV1,
CLOSE: LV1

CARGO PIPING

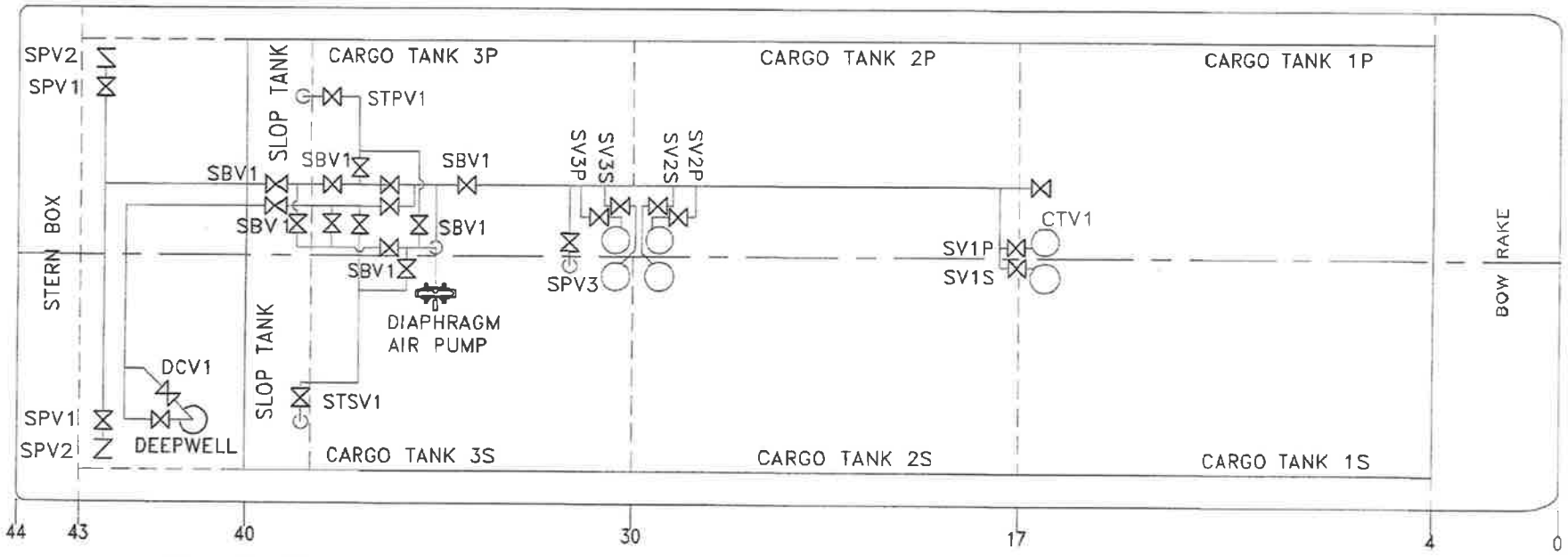
TITAN MARINE	297'-6"X54'X12' TANK BARGE – TMTB 112	TANKERMAN'S PLAN	DATE 4/2022	DR. ERC



VH1 – VAPOR HEADER VALVE
PV – HIGH VELOCITY PV VALVE
STK – VAPOR VENT STACK VALVE

VAPOR PIPING

TITAN MARINE	297'–6"X54'X12' TANK BARGE – TMTB 112	TANKERMAN'S PLAN	DATE 4/2022	DR. ERC



SPV1 – SPILL PAN VALVE
SPV2 – SPILL PAN CHECK VALVE
DCV1 – DEEPWELL CAN FILL & STRIP VALVE
STSV1 – SLOP TANK STBD. VALVE FILL & STRIP
STPV1 – SLOP TANK PORT VALVE FILL & STRIP
SBV1 – STRIPPING BLOCK VALVE

SPV3 – CARGO PIPE STRIPPING
SV3P – PORT CARGO TANK SUMP VALVE
SV3S – STBD. CARGO TANK SUMP VALVE
SV2P – PORT CARGO TANK SUMP VALVE
SV2S – STBD. CARGO TANK SUMP VALVE

SV1P – PORT CARGO TANK SUMP VALVE
SV1S – STBD. CARGO TANK SUMP VALVE

STRIPPING PIPE

TITAN MARINE	297'–6"X54'X12' TANK BARGE – TMTB 112	TANKERMAN'S PLAN	DATE 4/2022	DR. ERC