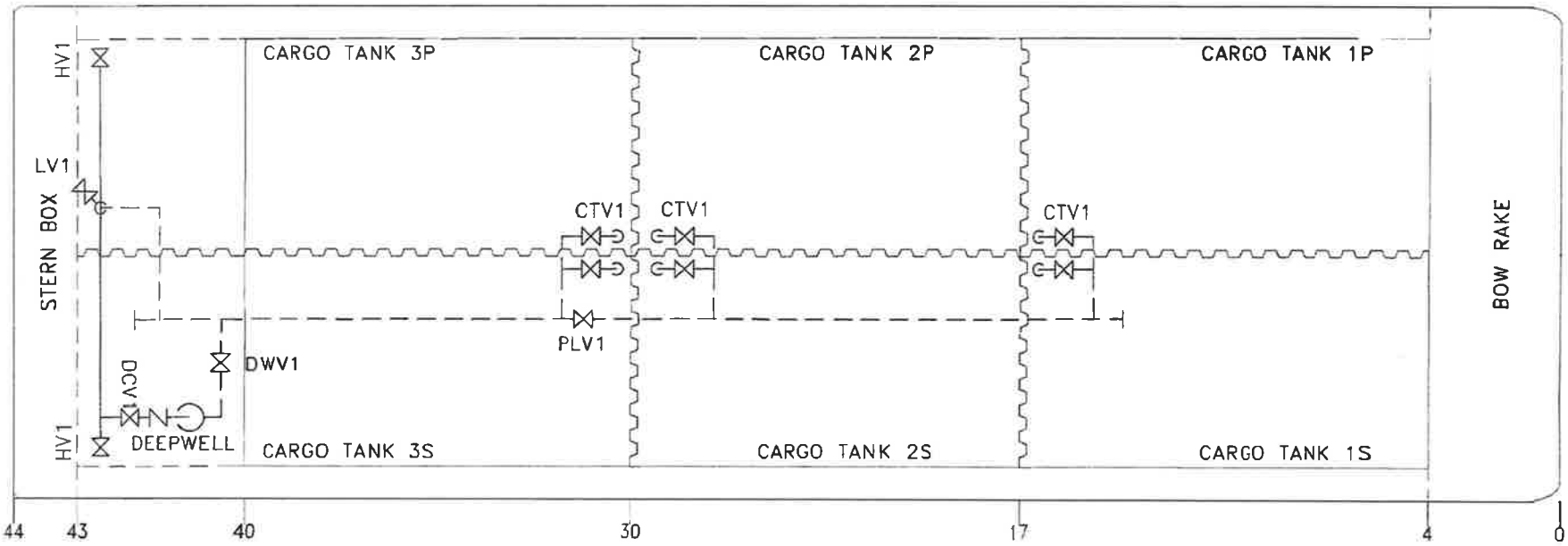


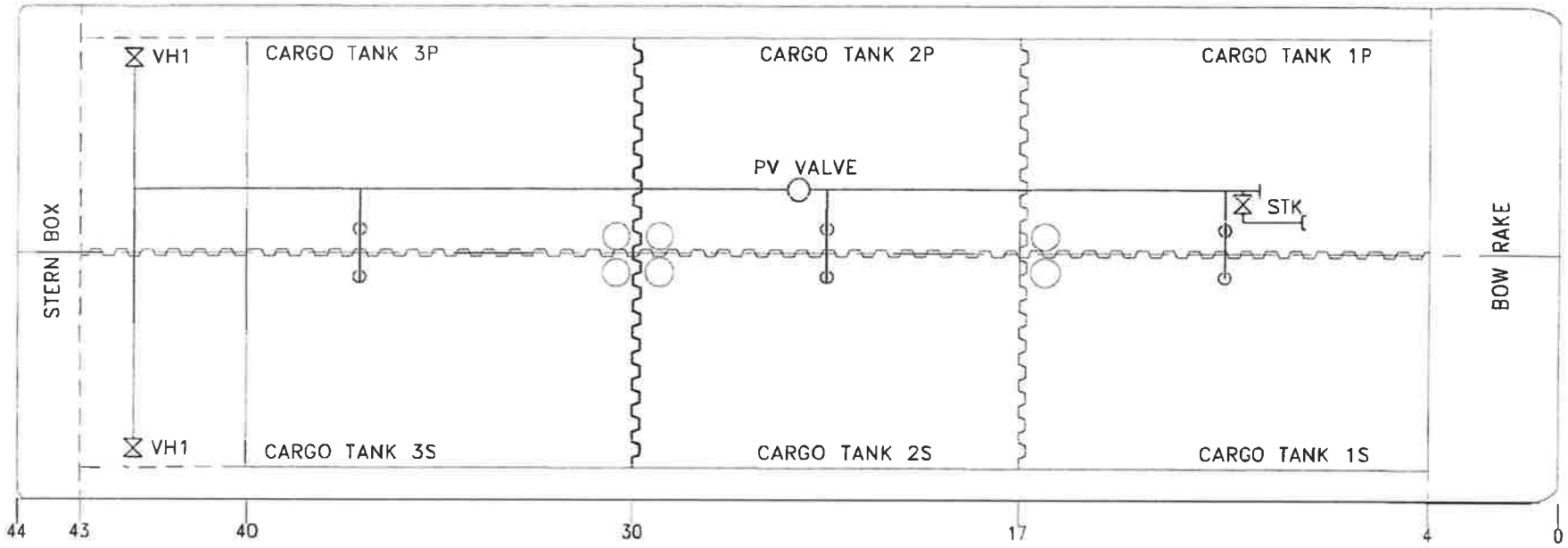
HV1 – CARGO HEADER VALVE
LV1 – CARGO LOAD VALVE
DWV1– CARGO DEEPWEEL BLOCK VALVE
PLV1 – STARBOARD BLOCK VALVE
CTV1 – CARGO TANK LOAD/DISCHARGE VALVE
DCV1 – CARGO PUMP DISCHARGE VALVE

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

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

CARGO PIPING

TITAN MARINE	297'–6"X54'X12' TANK BARGE – TMTB 108	TANKERMAN'S PLAN	DATE 11/2020	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 108	TANKERMAN'S PLAN	DATE 11/2020	DR. ERC