

# Logan CH Clutch on Mooring and Anchor Winch for Pipe Lay Barge

A pipe lay barge is a specialized vessel that has large winches that are engaged and disengaged using a clutch. Logan Clutch has a pipe lay barge customer with a vessel that has ten (10) winches that operated using a Jaw Clutch. The winches had difficulty engaging since the jaws needed to be in line before engagement. This was done by an operator who would jog the winch manually to get the jaws inline, which required extra time. With the Logan hydraulic operated clutch, engagement and disengagement of the clutch is done remotely from the comfort of the wheel house control room, with the option of local engagement as needed for testing. The barge operator now has faster operating start up and less man power is needed.



The Pipe Lay Barge is equipped with 8 Mooring Winches and 2 Anchor Winches (130 ton Winches). Each Winch uses Logan CH 2150 Hydraulic Actuated, Air Cooled Clutch for Winching In and Pay Out operation. Controlled remotely from the wheel house or local engagement.

With the use of Logan CH Clutch, the Winch has a better safety feature as the Winch could be engaged and disengaged at any position and speed during normal operations or in an emergency. Unlike a Jaw Clutch which requires an operator to jog the winch to disengage it.

