

The PIPEGUARD range by PulseGuard Ltd

The original

from the originators



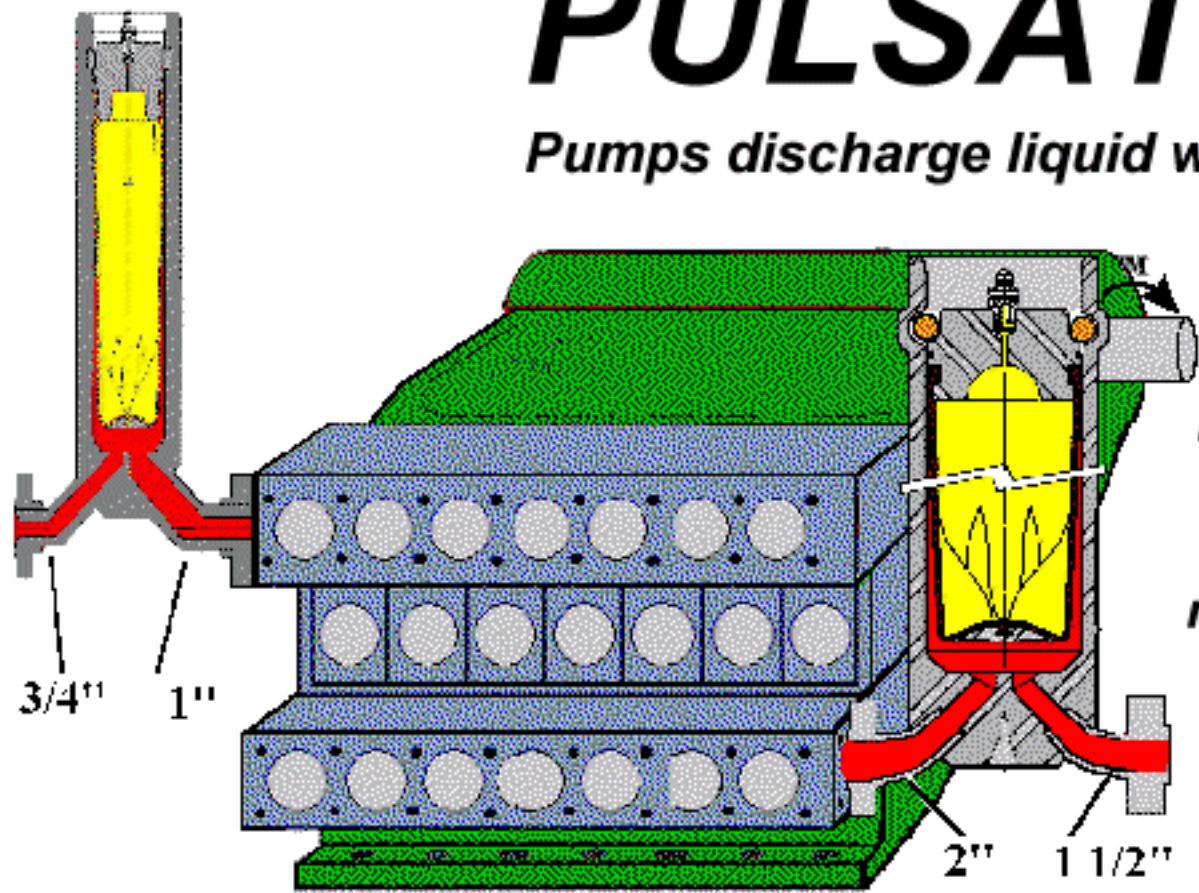
Since 1965, the PipeGuard range has served both on and offshore industry. Capacity 1 in3 - 60 Gallon, 750psi through 30 Kpsi, with all stainless shells.

Under license from W. Packard since 1965

Whatever your system type,

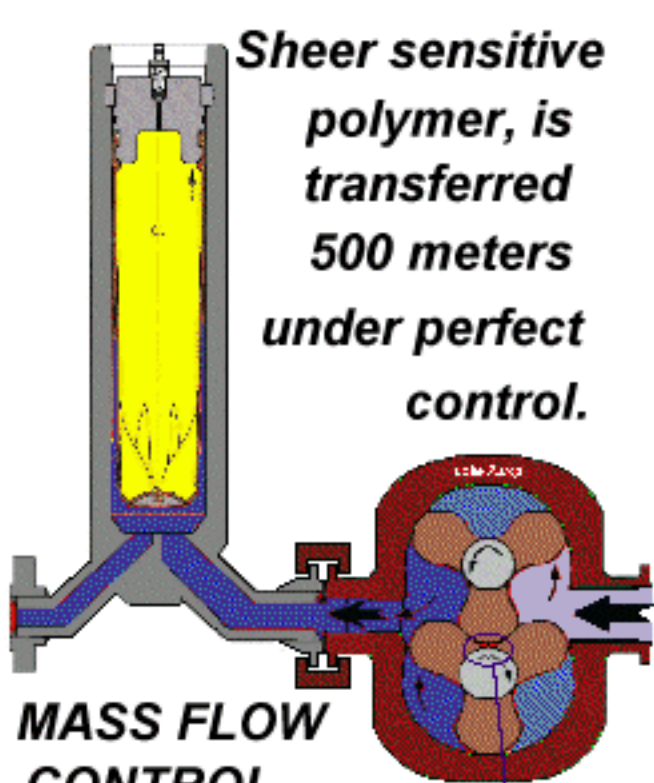
PULSATION PREVENTION

Pumps discharge liquid without having to instantly accelerate all the liquid in the pipe.



Light sweet crude and Hydrocarbon condensate pumped 30 miles, 48 Km

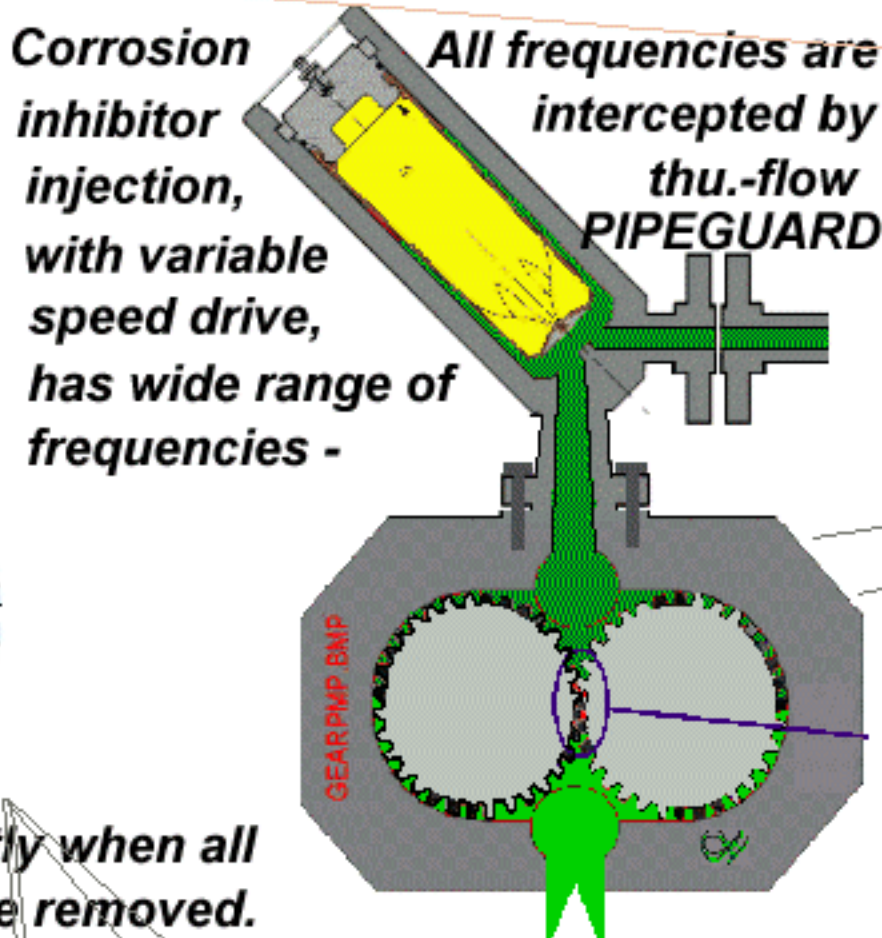
NO ACCELERATION HEAD or pipe resonant vibration



Shear sensitive polymer, is transferred 500 meters under perfect control.

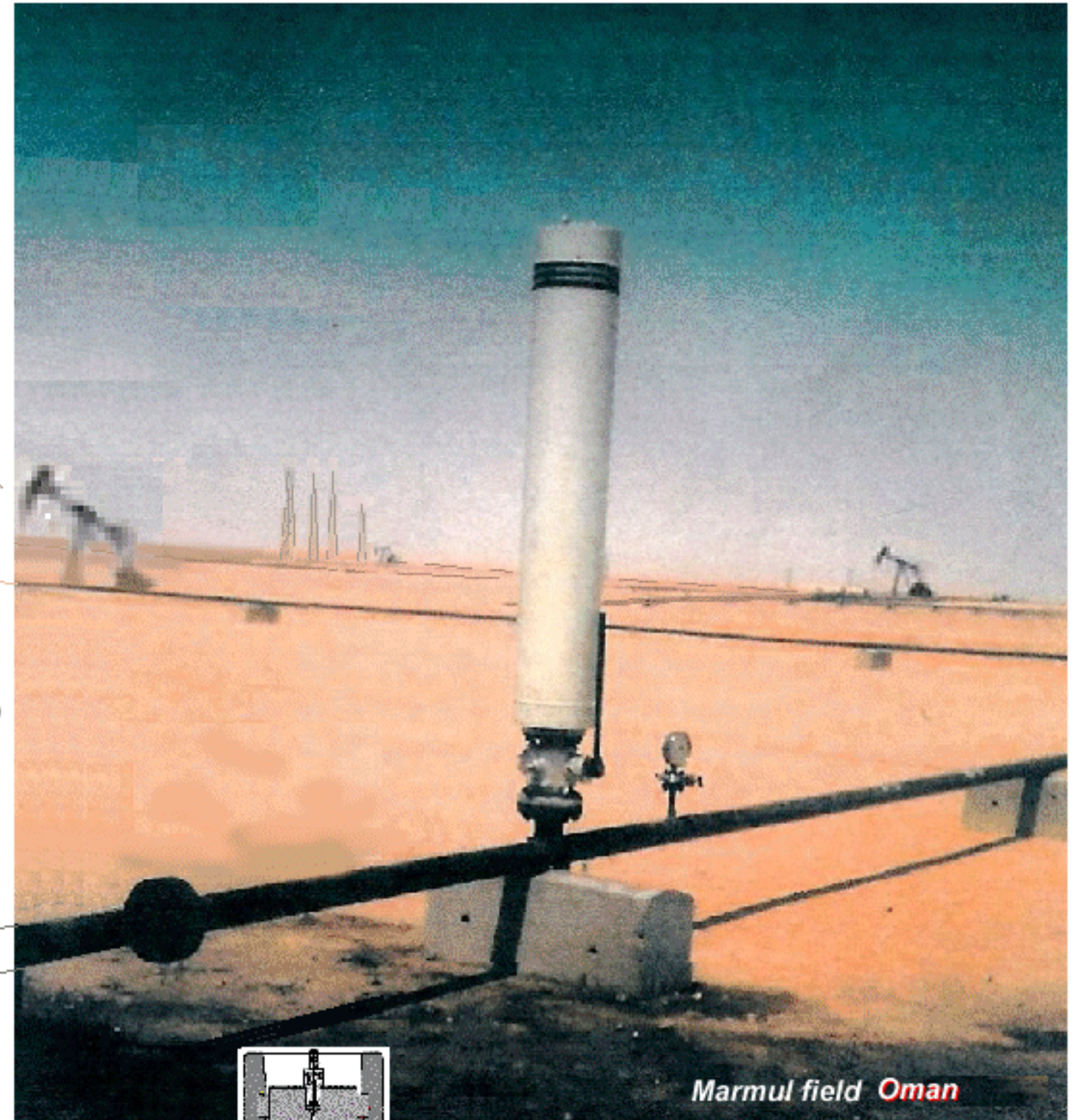
MASS FLOW CONTROL

by VS Drive, works perfectly when all spikes and fluctuations are removed.

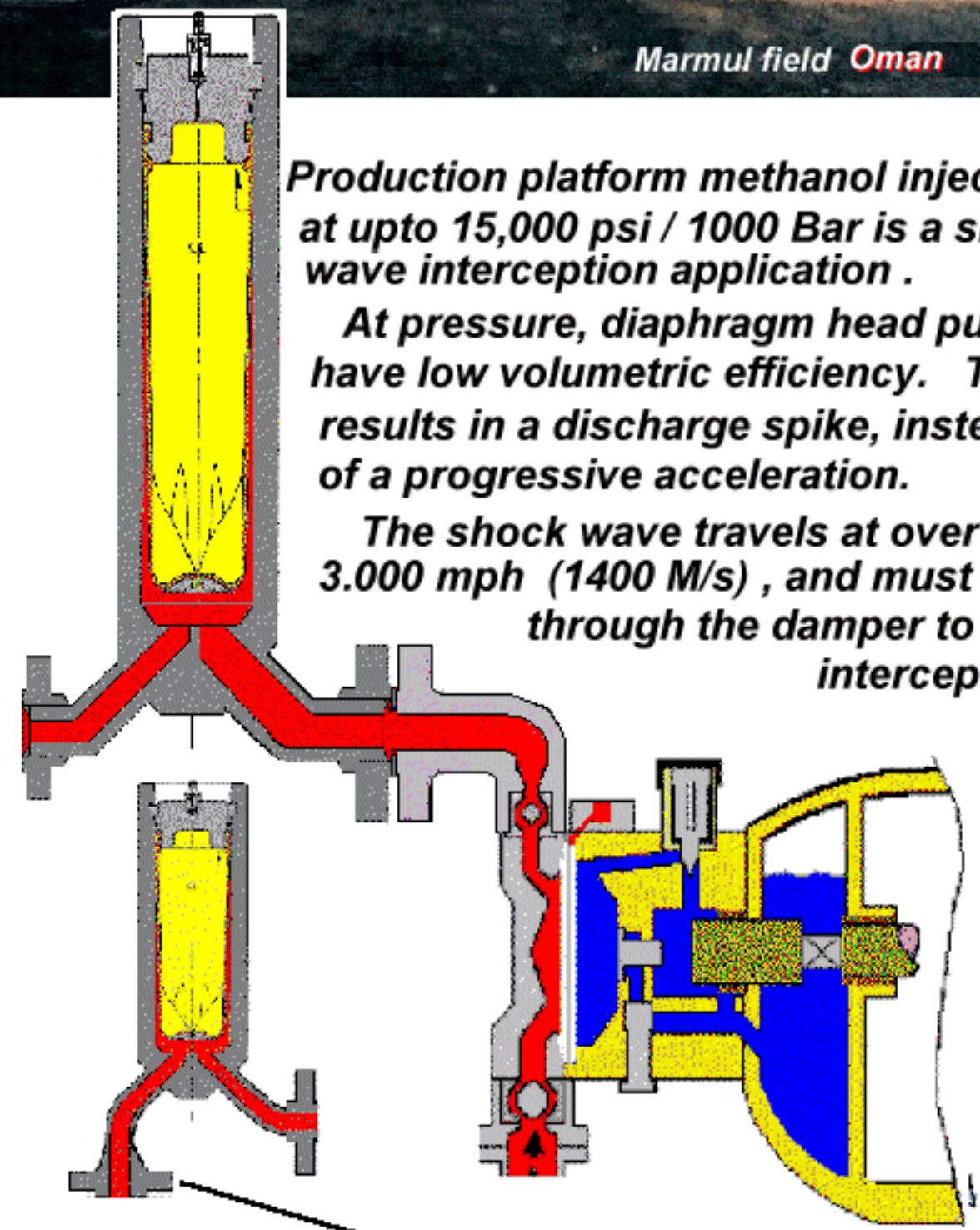


Corrosion inhibitor injection, with variable speed drive, has wide range of frequencies -

All frequencies are intercepted by the damper.



Marmul field Oman

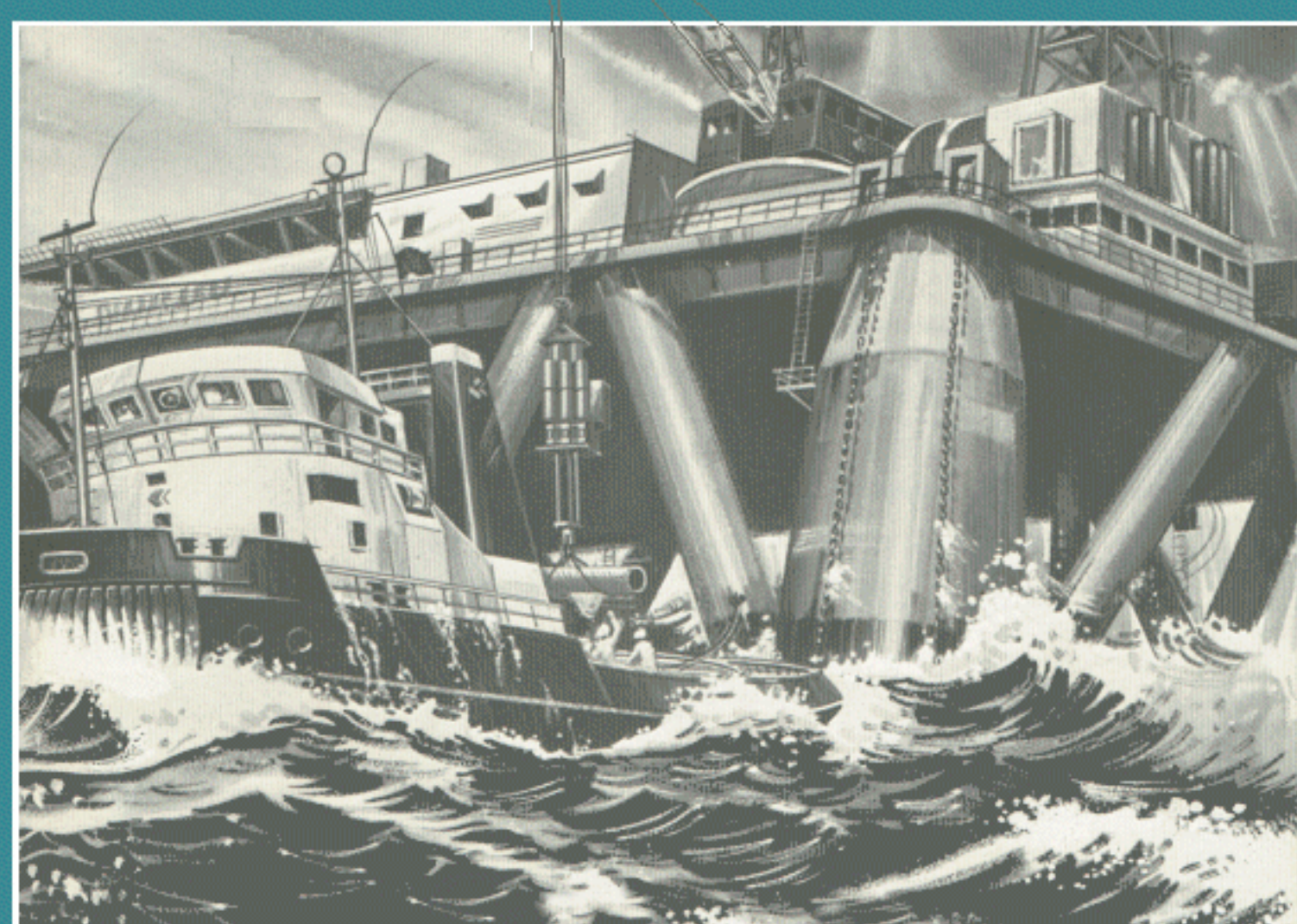


Production platform methanol injection at up to 15,000 psi / 1000 Bar is a shock wave interception application .

At pressure, diaphragm head pumps, have low volumetric efficiency. This results in a discharge spike, instead of a progressive acceleration.

The shock wave travels at over 3,000 mph (1400 M/s) , and must go through the damper to be intercepted.

For pumps with vertical discharge.



1972 Semi-sub. North Sea exploration, increasing the weather window with the CRESTPICKER heave motion compensator from LIQUID DYNAMICS International Ltd.

For larger diameter dampeners, where the ratio of connection size to chamber diameter ensure the dissipation of intercepted higher frequency pressure pulsation, please see the PIPEHUGGER low and high pressure ranges.

Please GOTO www.pulseguard.com/pulsation_dampening/pulse_damper_types/bag_bladder_tube/liquid_in_bladder/----- or -----