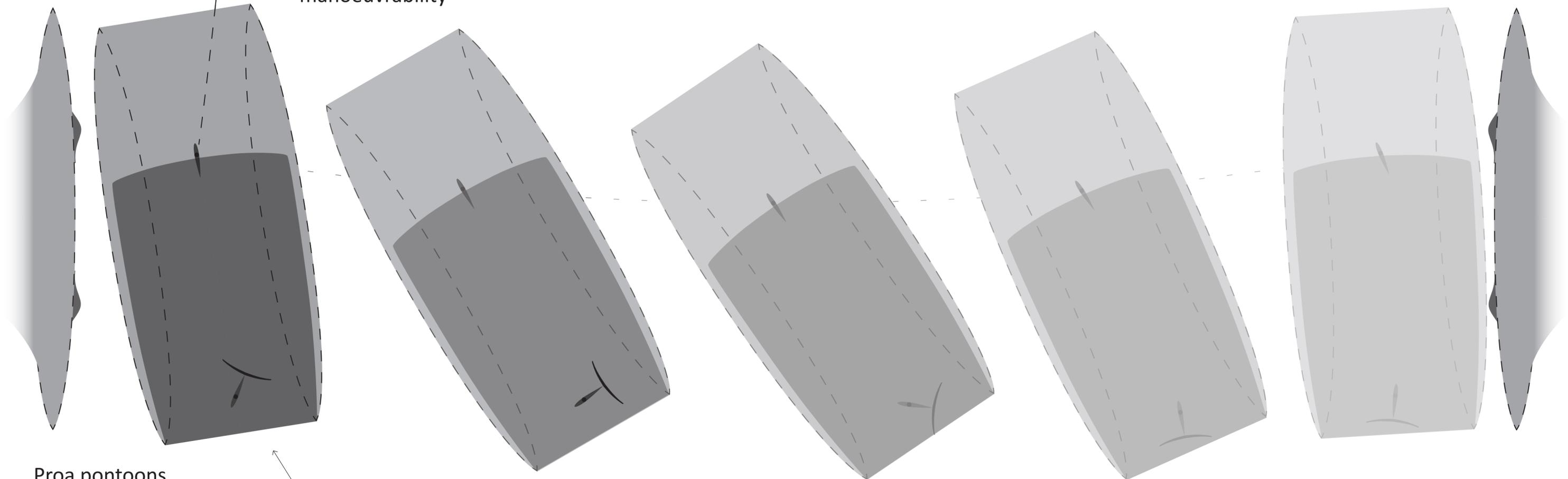


75-metre wire cable tether
attached to 25-metre chain
terminating at midstream
screw mooring

Up-current tether attaches ~33% from bow
through base of steerable forward foil for
manoeuvrability

Tide flow

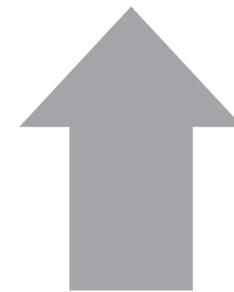


Proa pontoons
at either bank
advance and
retreat with
tide to minimise
visual impact
and constriction
of navigable
waterway

Rudder—electric
motor/generator
countering effect
of wind

Ferry reacting to tide flow

Wind



~40-metre low-tide width

Operation of electric-auxillary reaction ferry at Pūhoi river-mouth

scale 1:75 Cimino Cole 10 December 2017