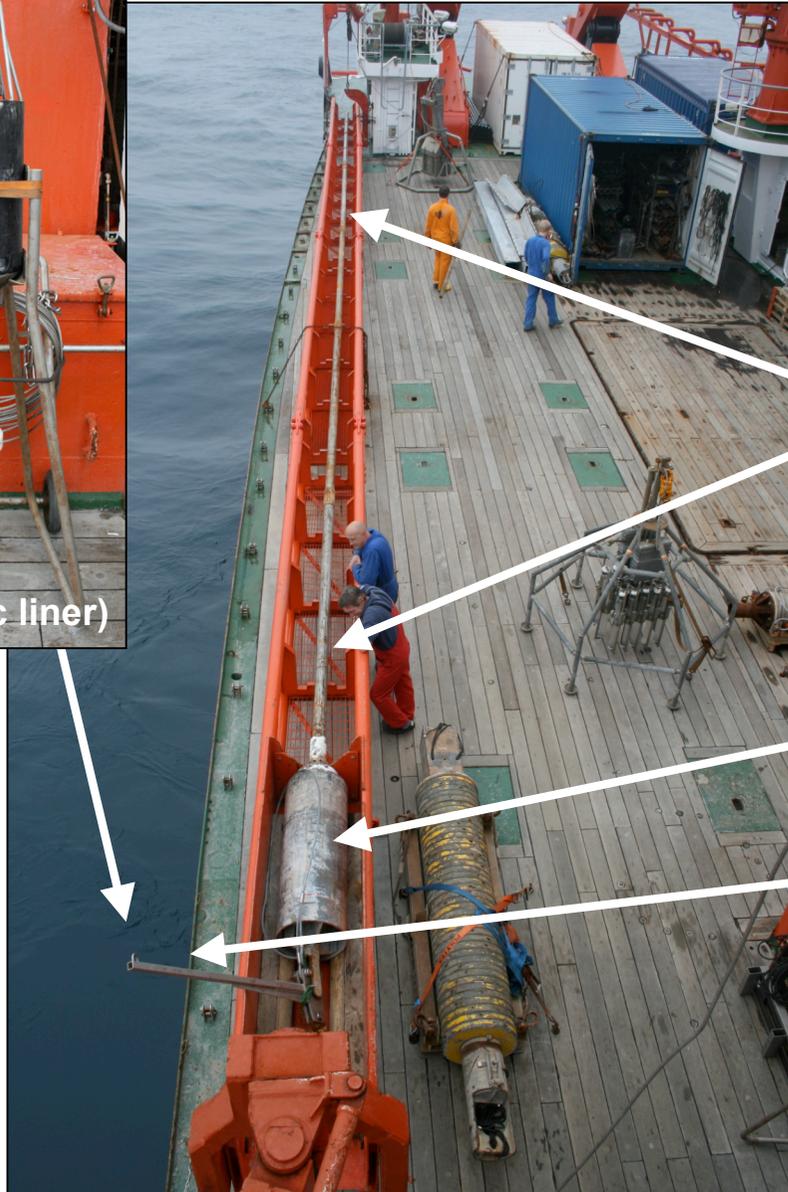
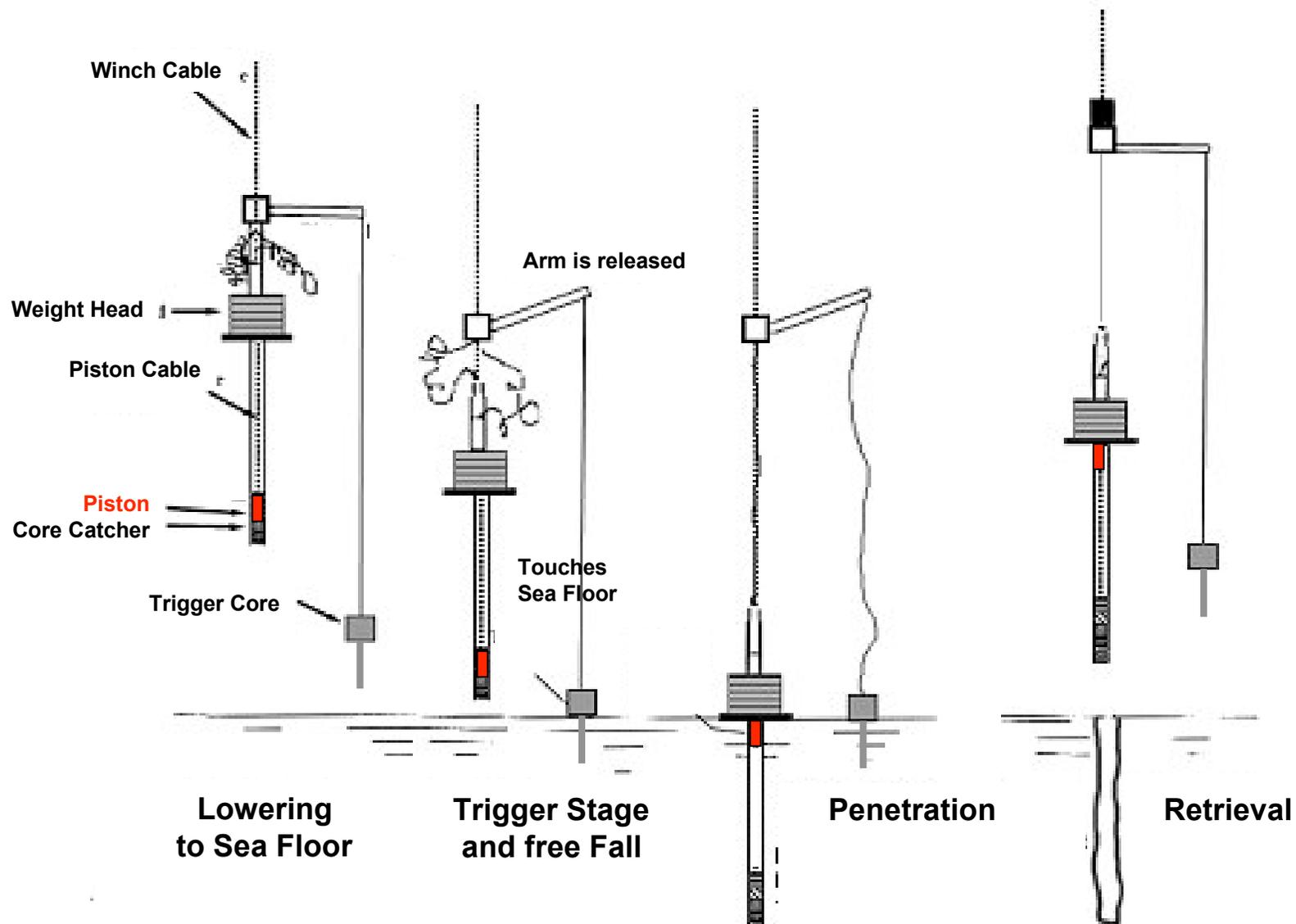


Piston Corer (25 m)



- Core Tubes
 - One 1-m piece at bottom
 - Four 5-m pieces
 - One 4-m piece below weight unit
- Weight unit
- Trigger arm for pilot corer

Recovery of Sediment Cores with a Piston Corer





**Core frame with
steel-core tubes,
105 mm in diameter
(lengths: 4 m, 5 m, 1 m)**



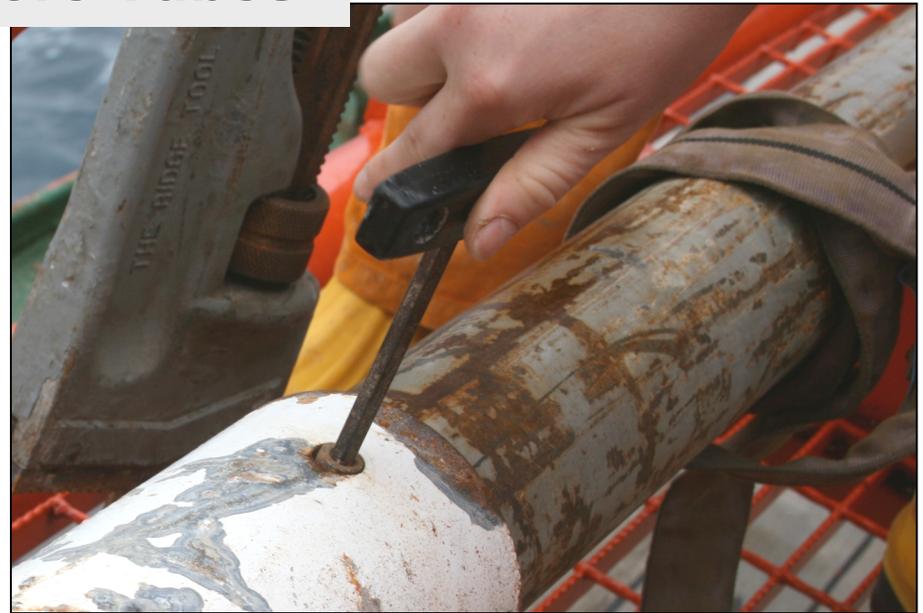
**The four-metre tube
being installed at the
lower weight unit**



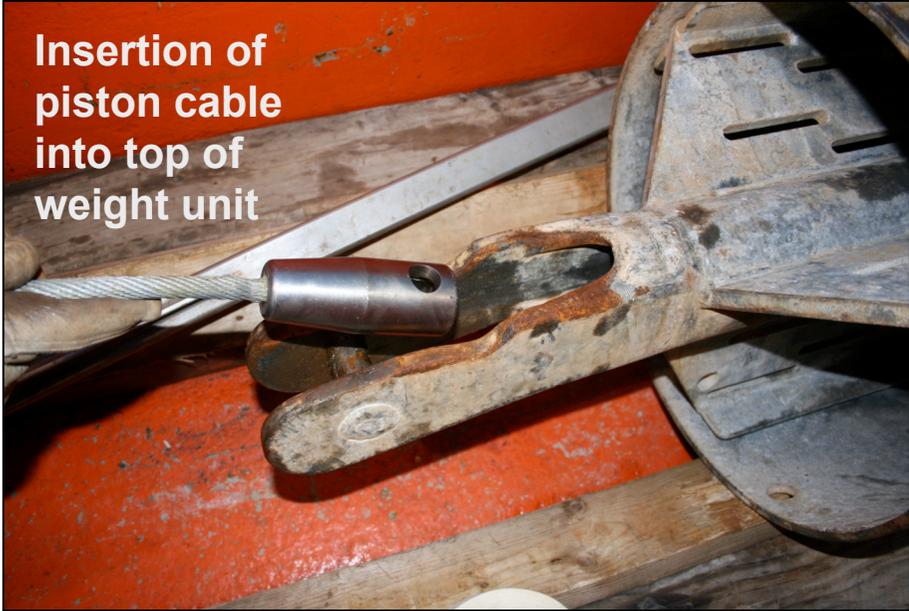
**Connection piece
to weight unit
at top of uppermost
core tube**

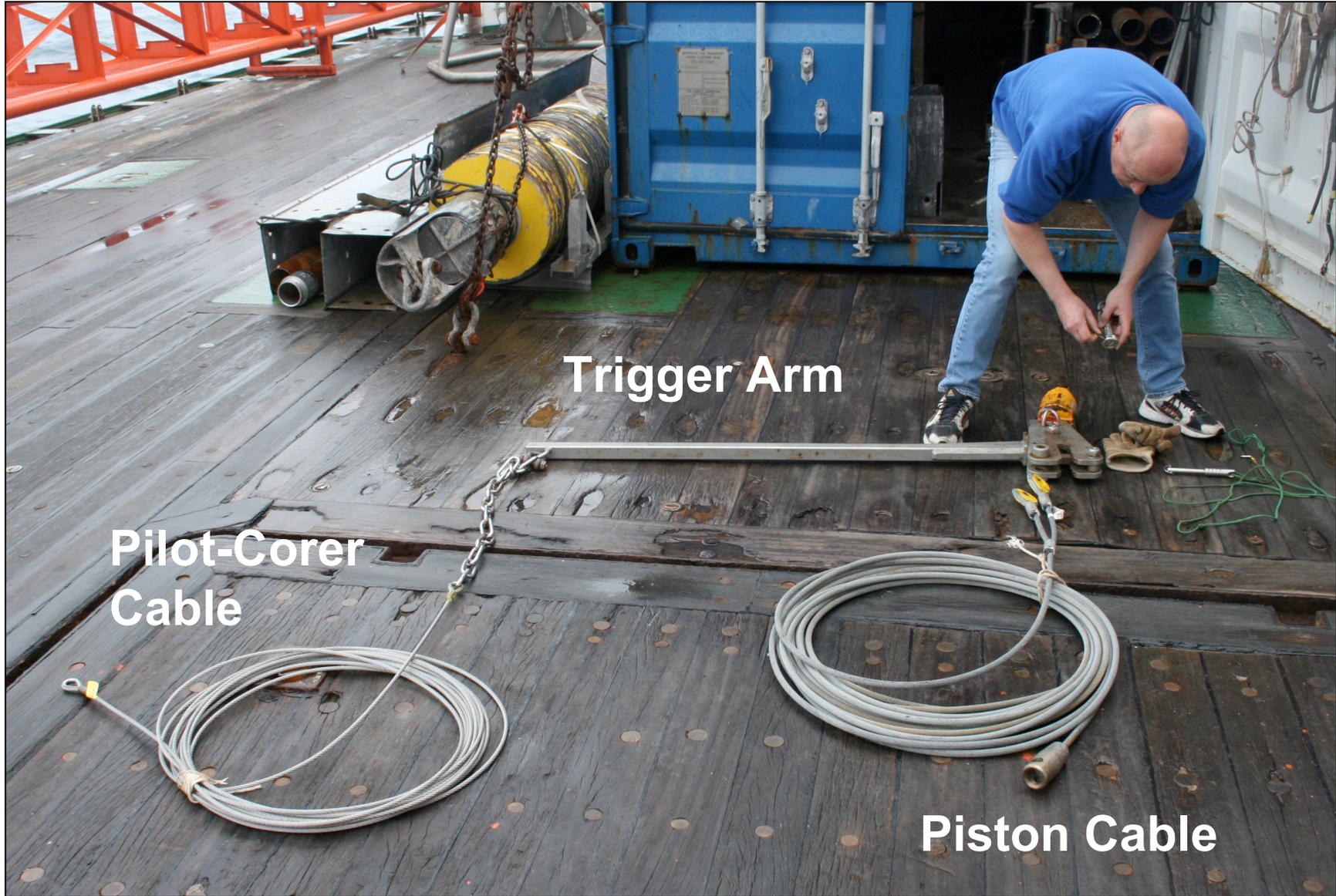


Fitting of Core Tubes





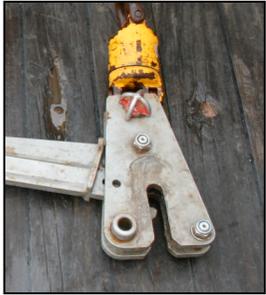




Trigger Arm

**Pilot-Corer
Cable**

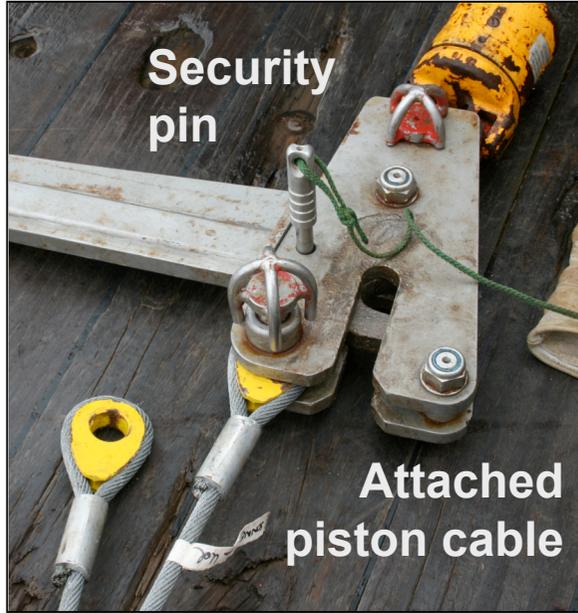
Piston Cable



open



closed



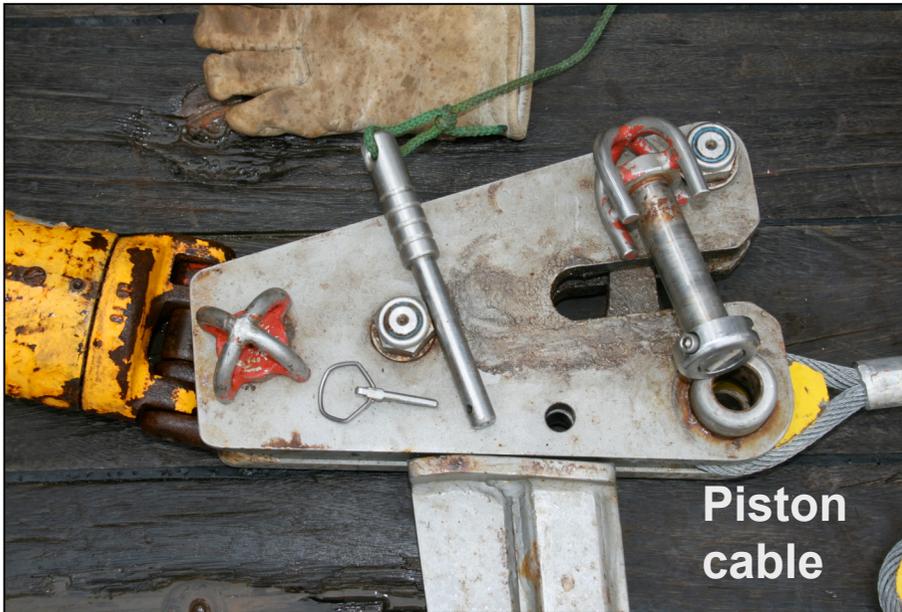
Security pin

Attached piston cable



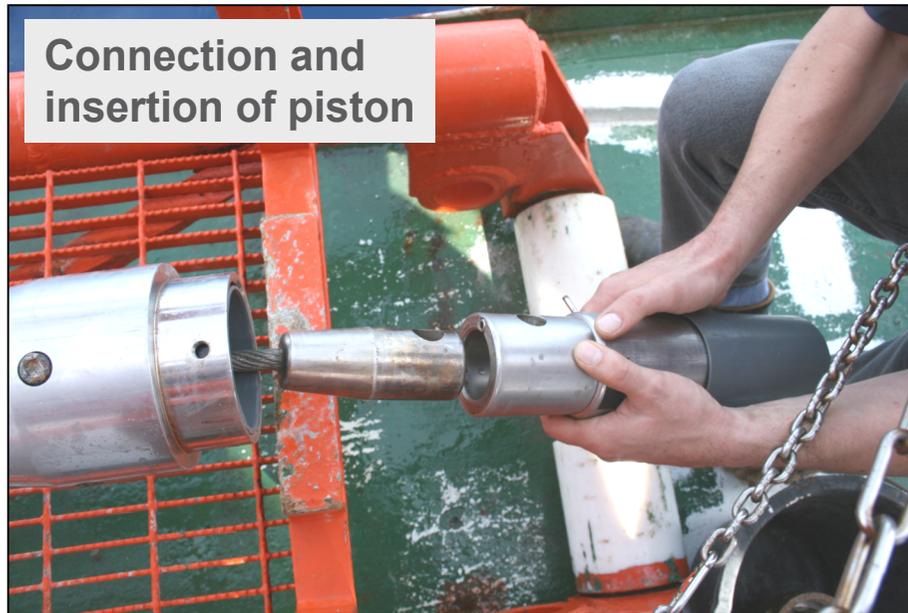
Fixation of Piston

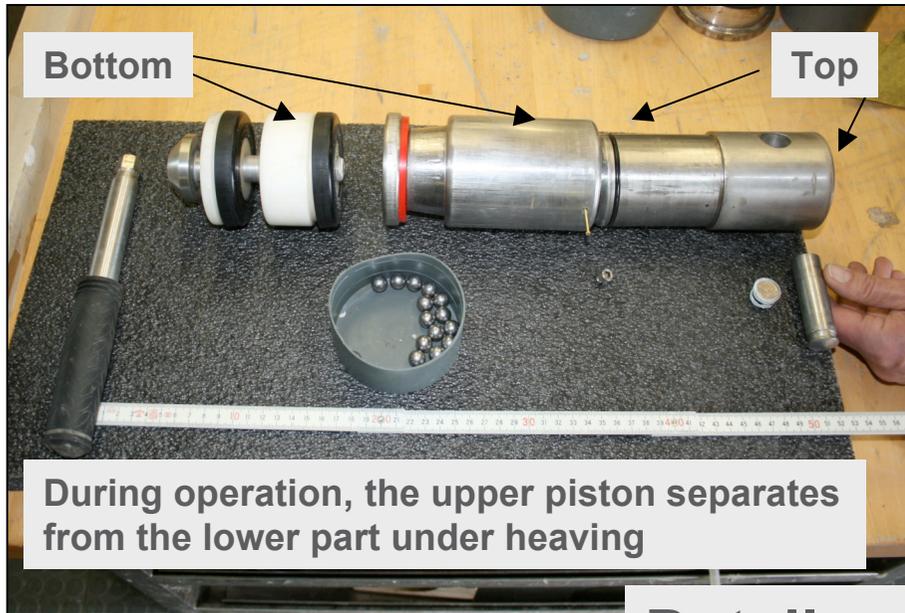
Details of Trigger Arm



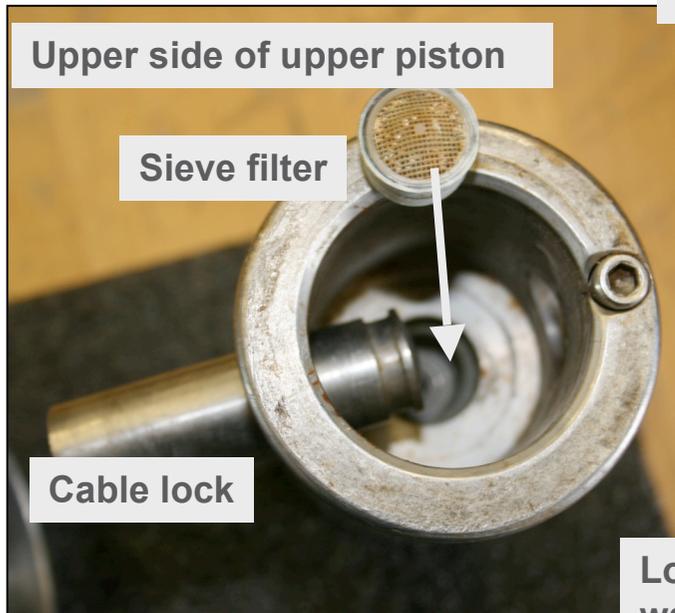
Piston cable







Details of the Piston



Lower side of upper piston with water-through-flow screw





Silicon spray on upper piston



Silicon spray on lower piston



Sea water into lower piston



Connection upper and lower piston

Preparation of the Piston



Fitting of upper and lower piston



Insertion of splint



Taping of splint



Insertion of steel spheres



Details of the Core Bit & Core Catcher

