

# Coring Systems currently in use within NMFSS

## Gravity Corers:

Standard Gravity

Kastenlot

NIOZ

## Box Corers:

SMBA

NIOZ

Calvert

## Multi Corers:

NOC

Bowers & Connelly Mega

## Piston Corers:

Driscoll

NIOZ



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# Gravity Corers



## Kastenlot Corer

150x150mm square barrel

Up to 8m barrel length

100-1000kg bomb weight



## Standard Gravity Corer

74mm diameter cores

Up to 6m barrel length

100-800kg bomb weight



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# Box Corers



## SMBA Box Corer

500x500mm square box

500mm box length

800kg weight



## NIOZ Box Corer

500x500mm square box

or 490mm diameter tube

500mm box length

1500kg weight



## Calvert Box Corer

300x300mm square box

600mm box length

600kg weight



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# Multi Corers

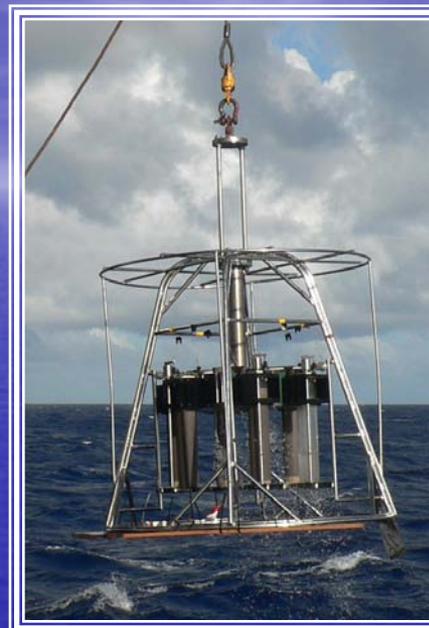


## NOC Multi Corer

60mm diameter tubes

1 – 12 tubes

500kg weight



## B & C Mega Corer

100mm diameter tubes

1 – 12 tubes

800kg weight



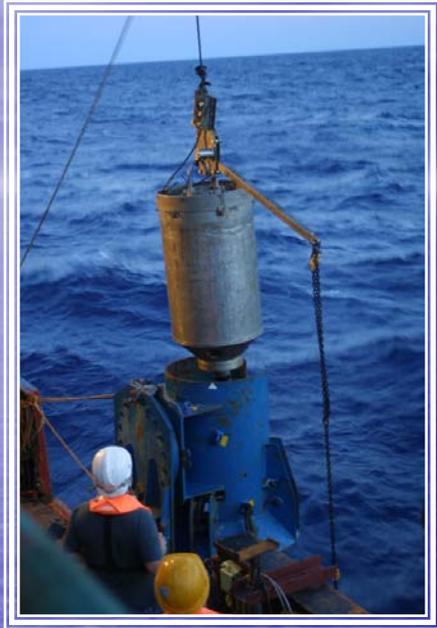
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# Piston Corers



## Driscoll Piston Corer

74mm diameter cores  
Up to 15m barrel length  
1000kg bomb weight



## NIOZ Piston Corer

110mm or 90mm diameter cores  
Up to 21m barrel length  
500, 1000 or 1500kg bomb weight



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# Development system for RV Sonne

NMFD are currently modifying their NIOZ piston coring system to utilise the IFM-Geomar deployment frame for a cruise aboard the RV Sonne in January 2009. This will provide inter-operability of this type of equipment between these institutions (and others) within OFEG.



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