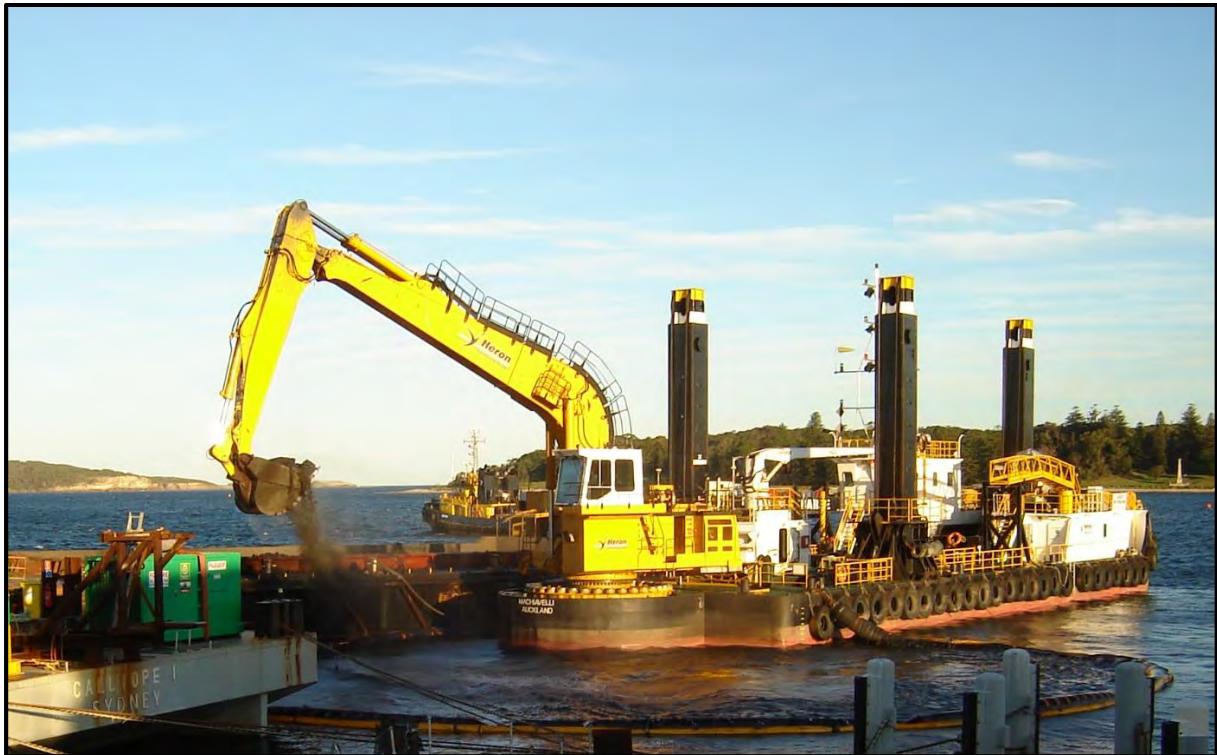


Backhoe Dredger



Name: Machiavelli
 Type: De Donge 'D' Type Backhoe Dredge
 Operators: Heron Construction Company Ltd
 Port of registry: Auckland, New Zealand
 Class: Bureau Veritas
 MNZ #: 131883
 Official Number: 876411
 Year built: 2005
 Gross tonnage: 648
 Displacement: 1,200 tonne
 Length overall: 53.0m
 Breadth: 15.0m

Excavator: Liebherr P994
 Monobloc (boom) length: 16.0m, 19.0m
 Stick (dipper) lengths: 4.0m, 5.6m, 8.0m and 9.5m
 Bucket sizes: 4.0m³, 5.0m³ and 5.7m³, 6.0 m³
 Clamshell sizes: 3.5 m³ Heavy duty and 6.0m³ Environmental
 Dredging control: DipMate v3 by Seatools
 Position and height control: Twin 5700 Trimble RTK GPS
 Aft spuds: Two @ 30m long x 60 tonne each
 Forward spuds: One @ 30m long x 60 tonne in carrier
 Spud carrier stroke: 7.5m
 Jackup capacity: 780 tonnes

