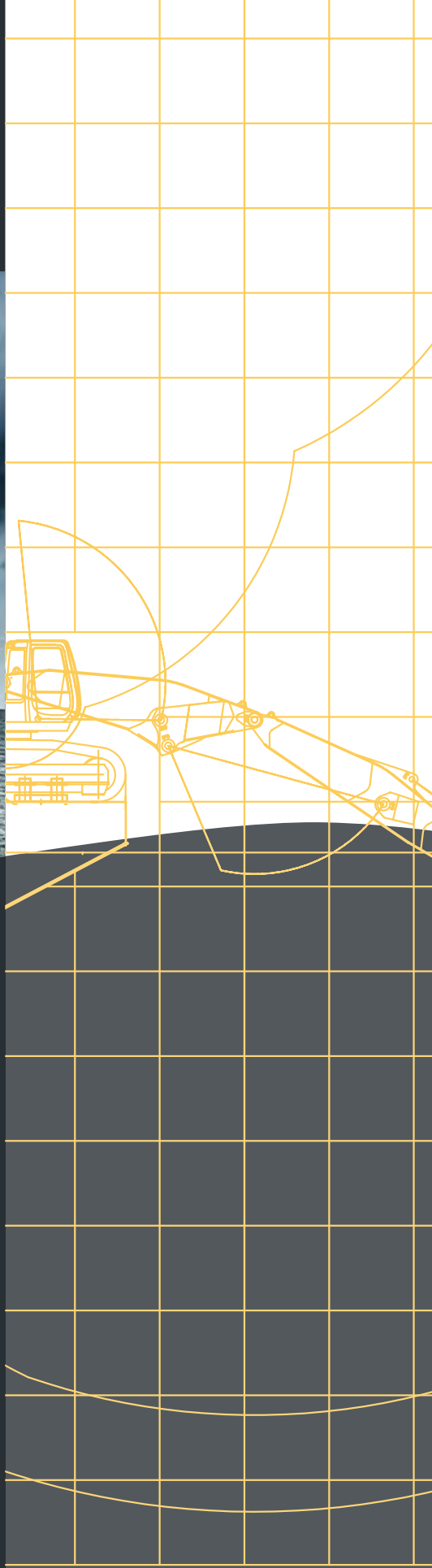


ABEKO[®] MARINE



ABEKO SERVER 3 BACKHOE DREDGER

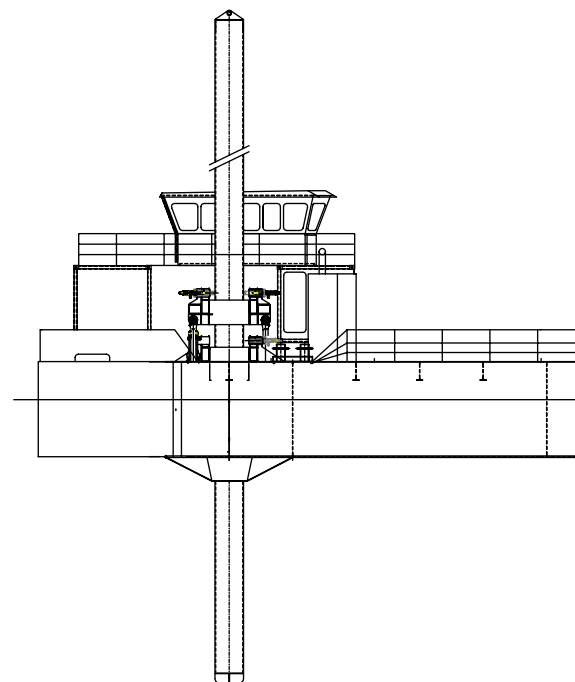




MAIN PARTICULARS

Type	: Dipper Dredger
Name	: Abeko Server 3
Call Sign	: PHGA
IMO Number	: 9252668
Port of Registration	: Beverwijk, the Netherlands
Builder	: Scheepswerf Slob BV
Year of Construction	: 2001
Class	: Bureau Veritas 100 AN Pontoon, Deep Sea, Special Service / Dipperdredger Assisted Propulsion, Unrestricted Navigation
Main Dimensions	: Length o.a. = 44,00m Length b.p.p. = 42,24m Breadth mld = 11,38m = 12,38m, with tyres Depth = 3,77m Operational draught = 2,75m, including Excavator
Deck load	: 8 t/m ²

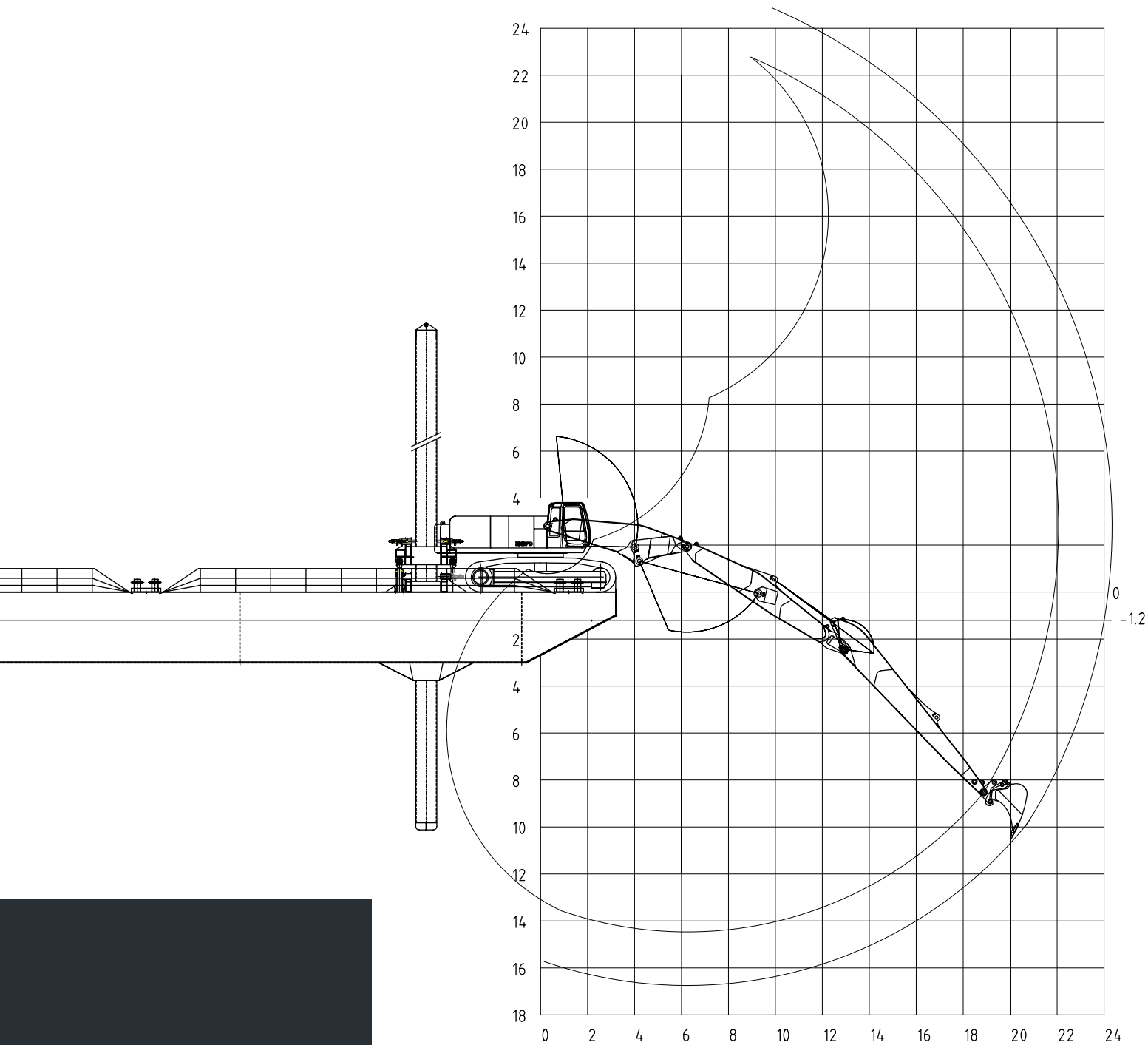
Abeko Server 3 Diggingcurve
with Hitachi ZX870 triple boom.



EQUIPMENT

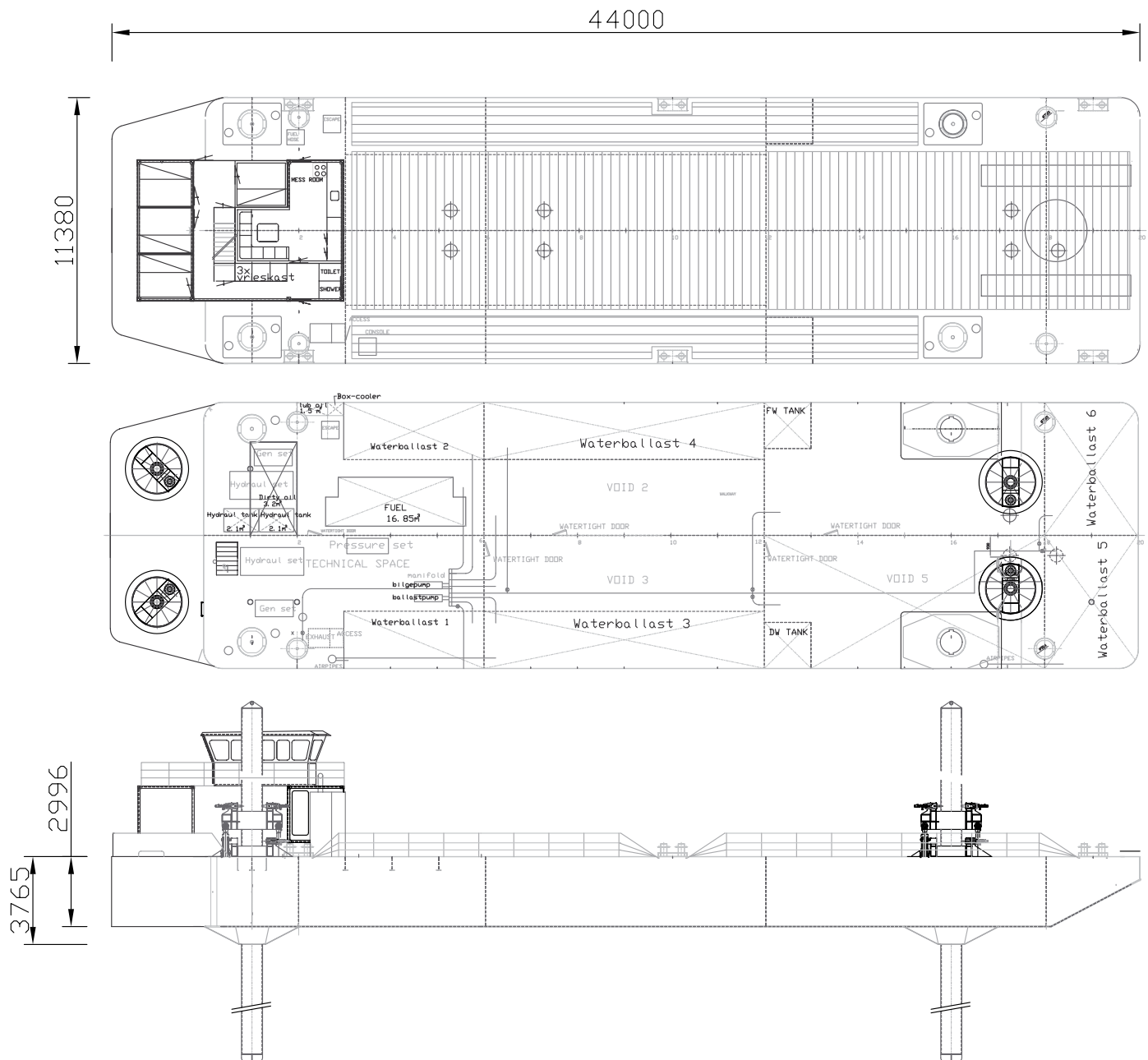
Spuds	: 4 Stabilising spuds (18,0 x ø 0,9m), lifting capacity 100 ton/spud
Hydraulic Power	: 2 x 485kW = 970kW (1.300HP)
Auxiliary Generators	: 2 x 91kW (122HP), output 100kVA
Harbour Generator	: 1 x 45kW (60HP), output 45kVA
Propulsion	: 4 x FOMI 300 (2 x Front, 2 x Back) for manoeuvring at site
Propulsion Power	: 4 x 224kW = 896kW (1.200HP)
Winch (option)	: 1 x 10 ton, hydraulic driven
Anchor (option)	: 1 Anchor winch with 1,5 ton anchor
Accommodation	: 3 Crew full accommodation
Wheelhouse	: All operations, radio, survey equipment
Survey system	: PDS2000 Digital Excavator Monitoring System with Teledyne positioning
Ramps (option)	: 2 Ramps to access the pontoon with an excavator

SPUD-POLE SYSTEM



VOLUME CAPACITIES

Fuel	: 17.000L
Fresh Water	: 10.000L
Dirty Water	: 10.000L
Engine Oil	: 1.500L
Hydraulic Oil	: 4.200L
Dirty Oil	: 15.000L

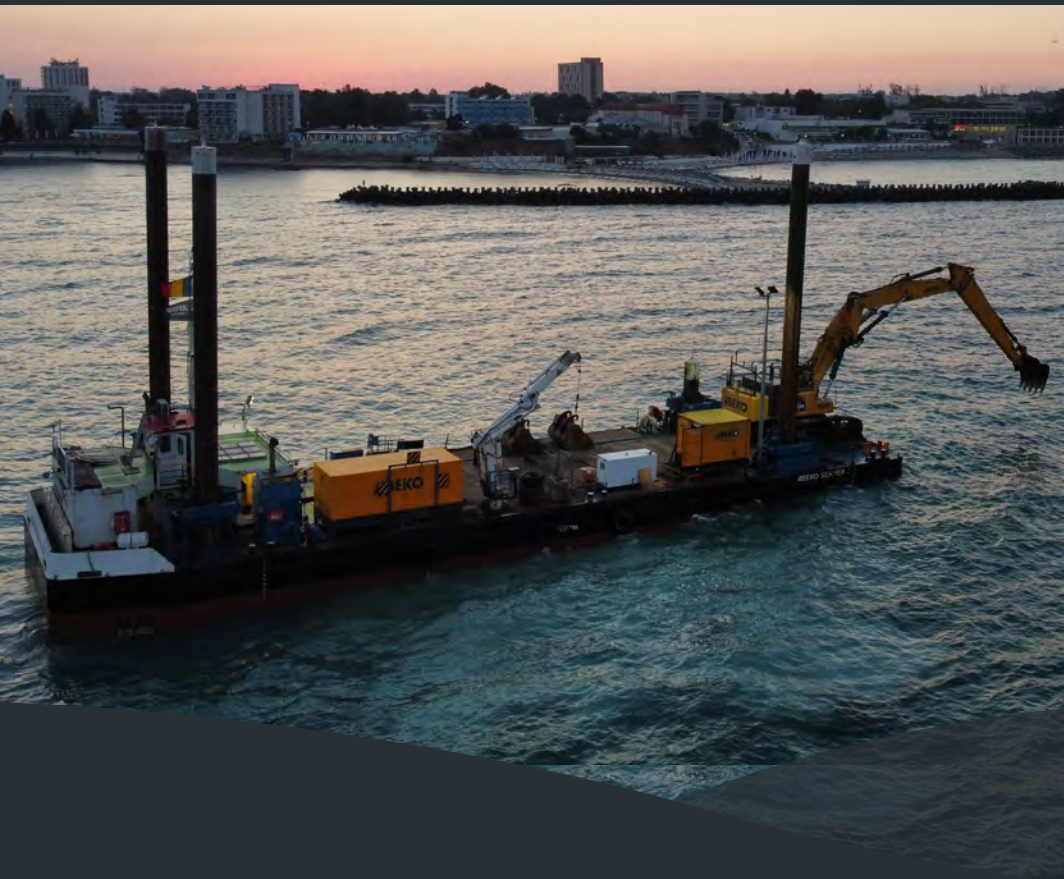


EXCAVATOR

Fabrication and Type	: Hitachi ZX870LCH Zaxis-3
Building Year	: 2008
Weight	: 120 ton
Excavator engine power	: 397kW (532HP)
Maximum dredging depth	: 16,75m
Bucket capacity HD	: upto 3,5m³
Bucket capacity Mud	: upto 5m³
Boom	: Abeko Triple boom
Stick / Arm	: Short = 5,4m / Long = 8,5m
Work tools	: Hydraulic breaker, buckets, clamshell grabs, grapple, ripper
Specialties	: Track type excavator
	: Triple boom
	: Upgraded cylinders
	: Safety valves on all hydraulic cylinders



DREDGING IN GREAT YARMOUTH (UK)



FRONTSIDE OVERVIEW ABEKO SERVER 3,
DIGGING WITH CLAMSHELL GRAP AND
FILLING SPLITBARGE

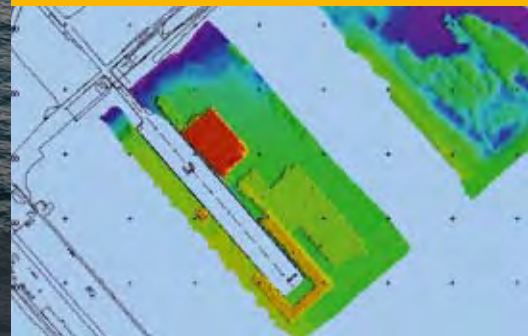


IMAGE OF THE PDS2000 SURVEY SYSTEM



ROCK PLACING IN GREAT YARMOUTH (UK)

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