GRAB DREDGER / BUOY TENDER “SAMO”
OSK File C437B

This vessel was designed by Ole Steen Knudsen A/S (now a part of OSK-ShipTech A/S) for the Gambia Port Authorities and built by IHC-Delta Shipyard, the Netherlands in 1997. “Samo” is equipped with a wire crane for grab dredging/buoy handling and a hold with bottom doors for dumping of the spoil. When serving as buoy tender, the hold bottom can be closed watertight with a detachable pontoon. The vessel was part of a package contract along with harbour tug “Juffureh” and mooring launch “Lady Tuti”

Main Dimensions:
- Length o.a. (approx.) 37.14 m
- Length p.p. (approx.) 35.00 m
- Breadth moulded (approx.) 10.00 m
- Breadth incl. fender (approx.) 10.10 m
- Depth moulded (approx.) 3.00 m
- Summer load waterline (approx.) 2.70 m
- Scantling draught (approx.) 2.80 m

Capacity:
- Hold capacity 250 m³
- Dredging depth 19 m
- Crane hoist 7.32 t at 14.5 m radius
- Main engine 625 kW
- Speed 9.0 knots

The following work has been carried out by OSK-ShipTech A/S:
- Study in Gambia to identify the local requirements and restrictions
- Concept development for Gambia Port Authority
- Detailed design, lines plan, structural design, machinery design
- Contract specifications
- Contract, bidding and payment instructions and other tender documents
- Coordination of tendering procedure to African Development Bank rules
- Prequalification and tender evaluation
- Contract negotiations with shipyard