

Canal and Regulator dredging



As a result of earlier dredging projects carried out in The Sudan, DEMAS was invited in 1984 to advise on the rehabilitation and maintenance of main canals and regulator stations in the Gezira irrigation scheme.

First the canals and regulator stations were surveyed. It was concluded that the work could only be carried out efficiently and successfully by means of a dredge specifically adapted to the local circumstances. A prototype, an amphibious crawl dredge with a swing ladder, was therefore designed and constructed in collaboration with a manufacturer.

Once the new amphibious dredge had been delivered to The Sudan, DEMAS set up a training programme for crew and management, in the course of which it became apparent that further modifications needed to be made to the dredge, in order to tune it in more finely to the working conditions in the Gezira.

The final modifications having been carried out and the training programme completed, the dredger was handed over to the Ministry of Irrigation in full operational condition.

Client

Ministry of Irrigation

Location

The Sudan

Year

1984 - 1986

Services

- dredge procurement
- dredge crew training
- project assistance
- management training

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