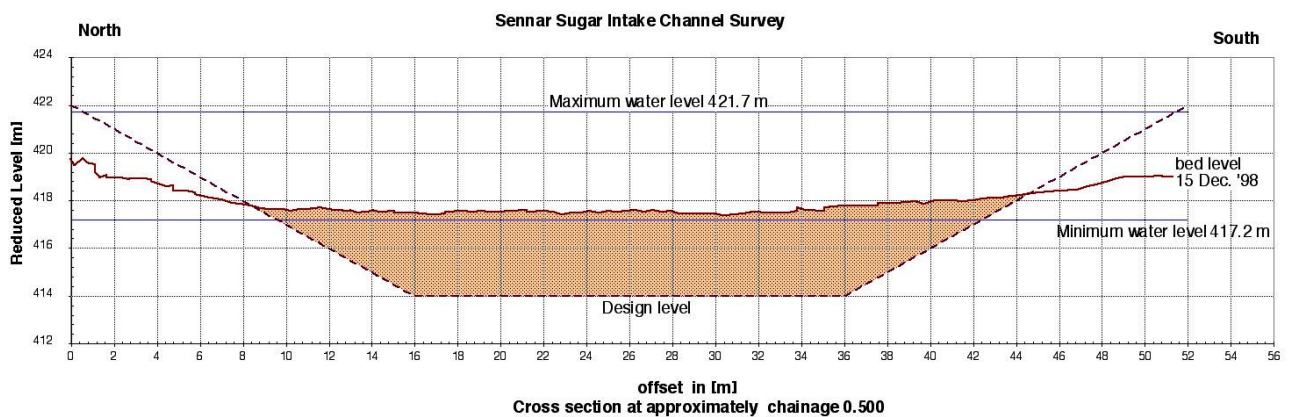


Construction supervision, assembly & training of crew of cutter suction dredge



The purpose of the irrigation system of the Sennar Sugar Factory is to provide water for sugar cane crop. The system consists of an intake channel taking the water from the Blue Nile, located at Irediba some 300 km south of Khartoum, to a pumping station.

The maintenance requirements are split in two priorities:

1. dredging of the intake channel leading from the Blue Nile river to the pumping station which needs annual maintenance, because it silts at each flood; and
2. dredging the carrier canal and the main canal leading from the pumping station to the irrigation scheme.

The client was advised to procure, a simple and sturdy cutter suction dredge (CSD) capable of removing silt to keep the irrigation system open.

After successful trials in the Netherlands, a CSD was shipped to the Sennar Sugar Factory in the Sudan. The dredge was assembled in a workshop and transported and launched from the dredge trailer in the intake channel. The crew was instructed and familiarised with the dredge in a 6 week training program.

The dredge “Abu Idris” is an improved copy of the “Abu Naama” supplied to the Sudan in 1993. The Abu Idris is the fourth CSD supplied through DEMAS to the Sudan.

Client

Sudanese Sugar Co. Ltd.

Location

The Sudan, Sennar

Year

2003

Services

- procurement advise
- construction supervision
- dredge crew training

demas
technical support bv

Herbarenerf 7
2743 HA Waddinxveen
The Netherlands

Tel +31 182 546798
Fax +31 182 546802

E-mail ts@demas.nl
Web www.demas.nl