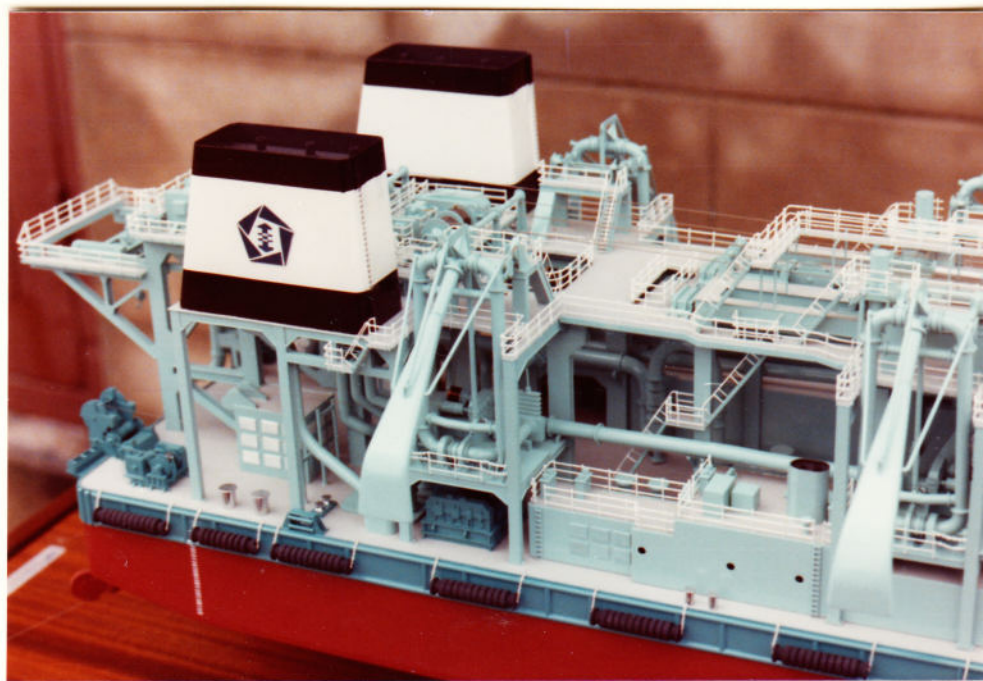
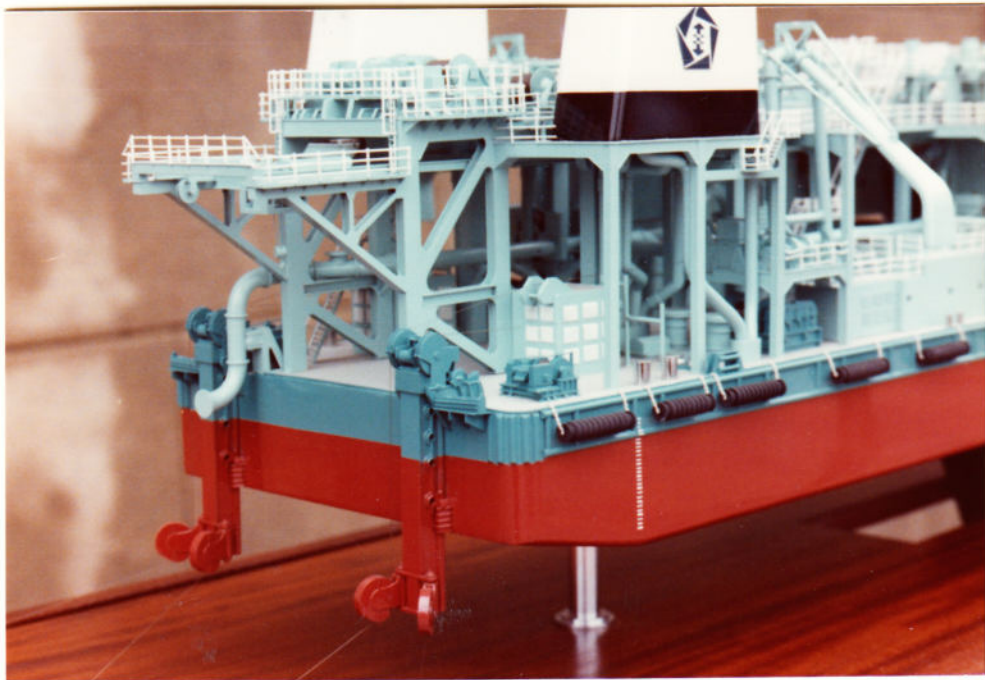


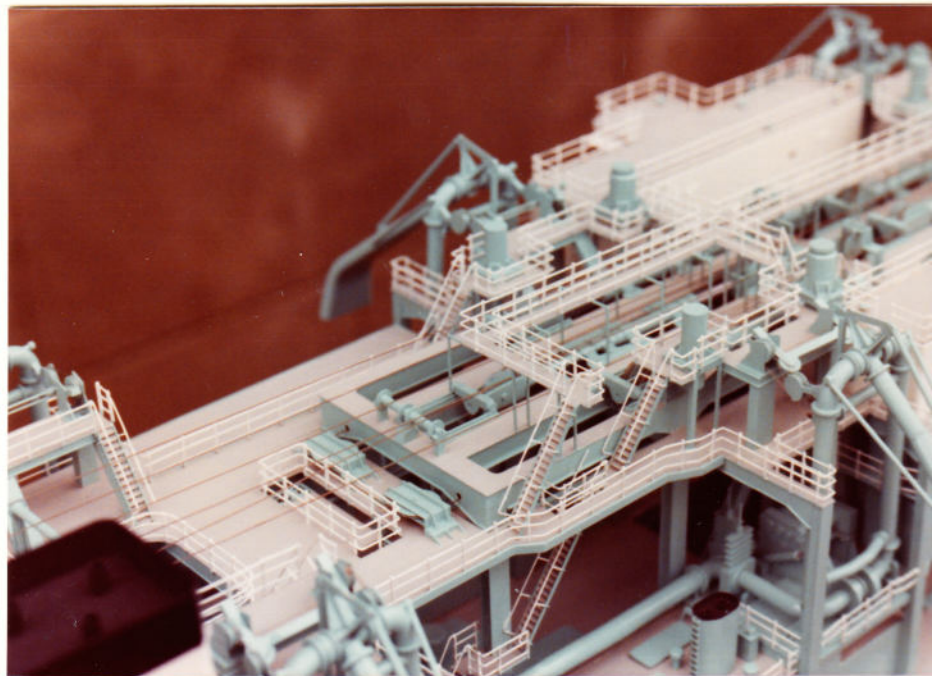
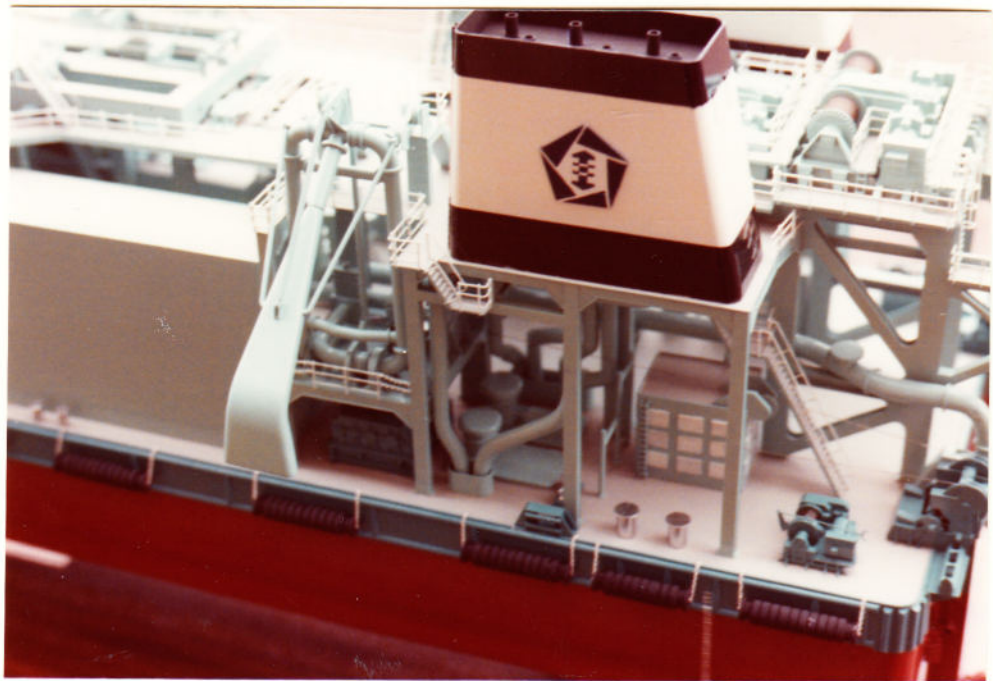
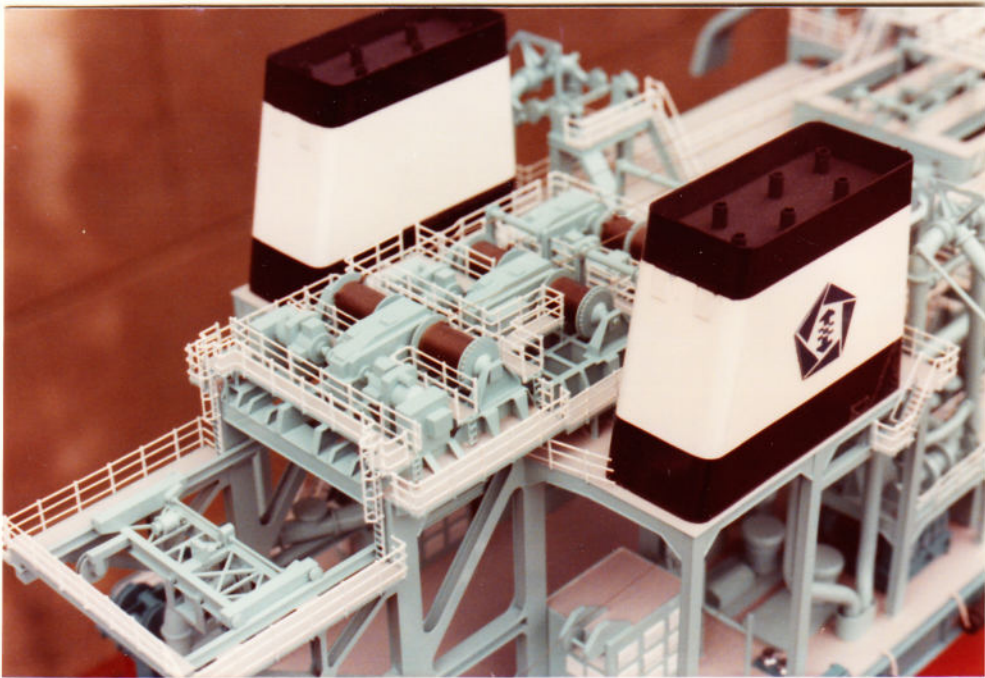
Ballast Mediam

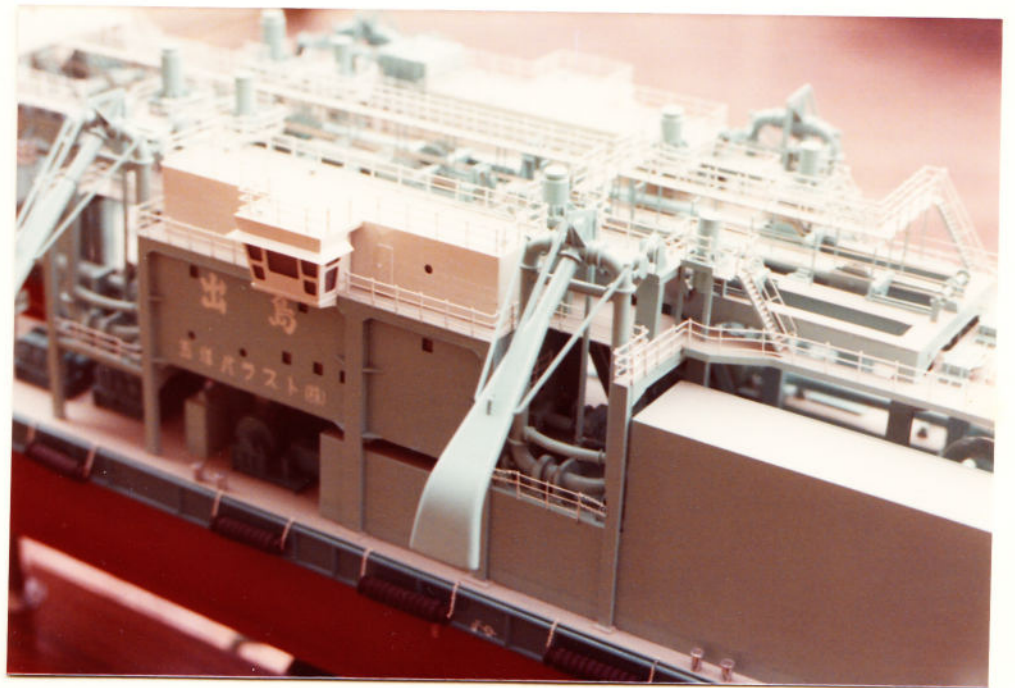
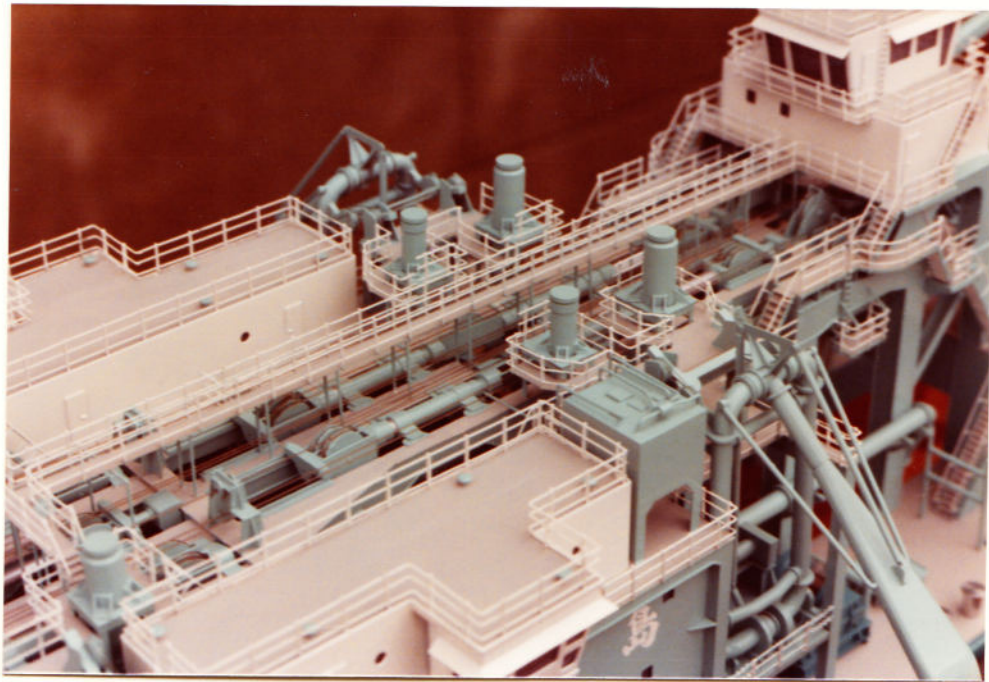
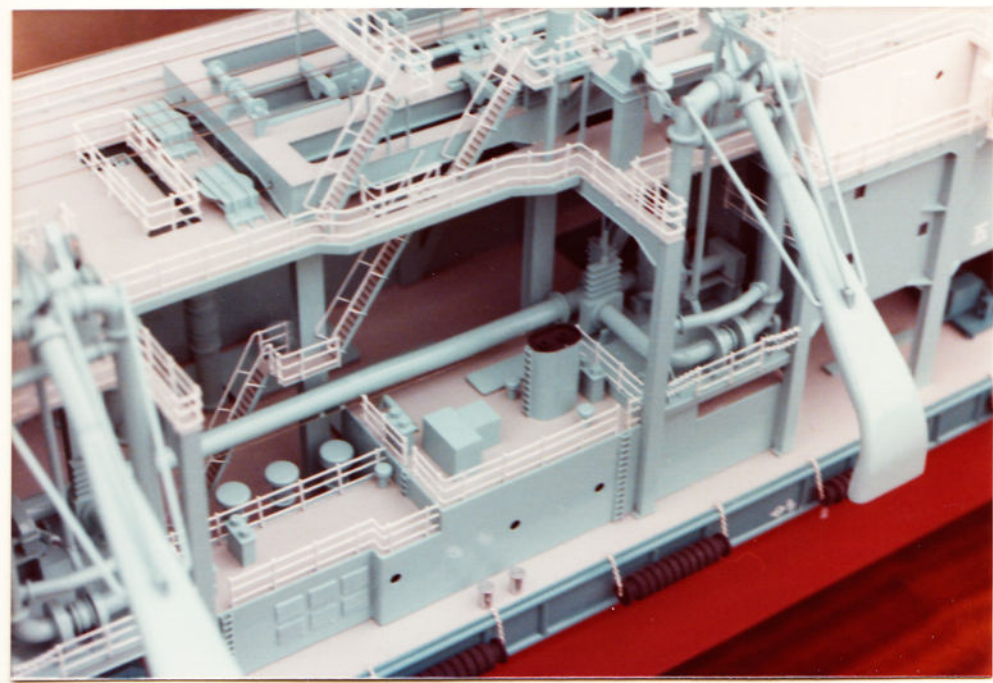
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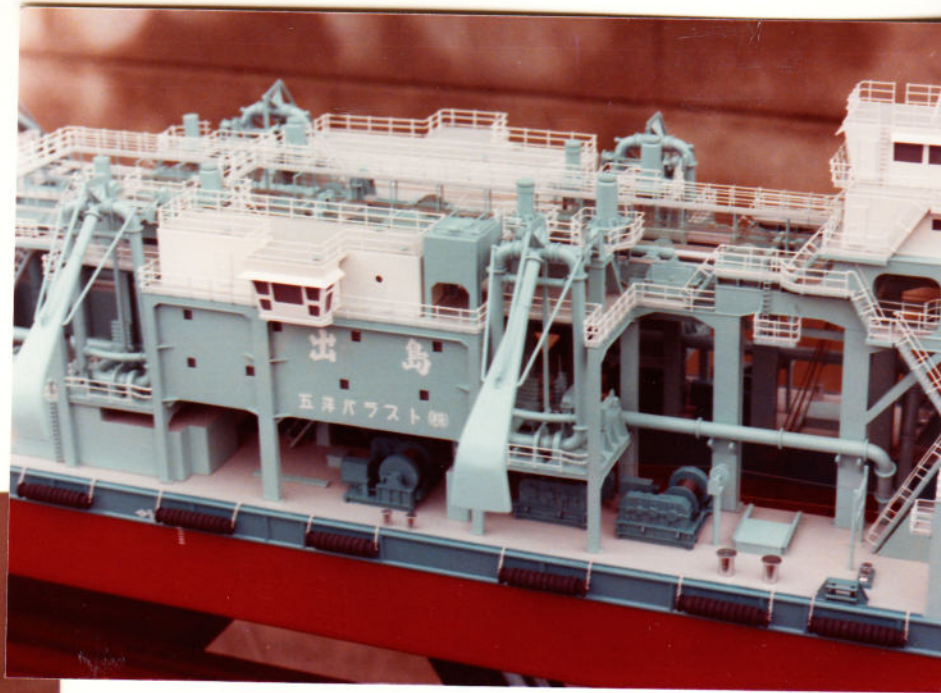
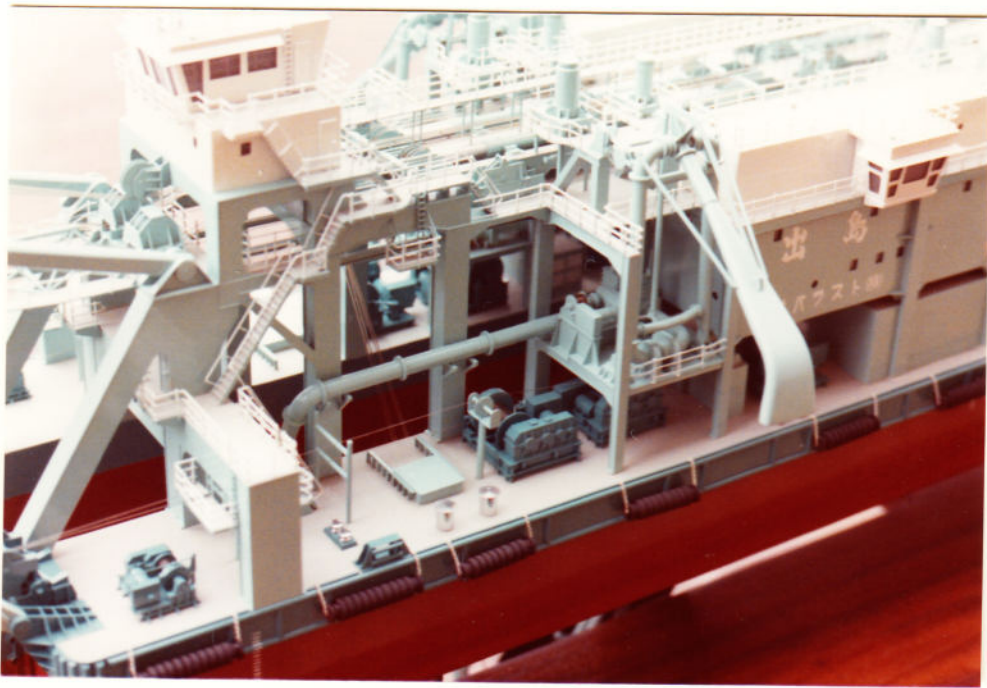
1406 3/4 mm

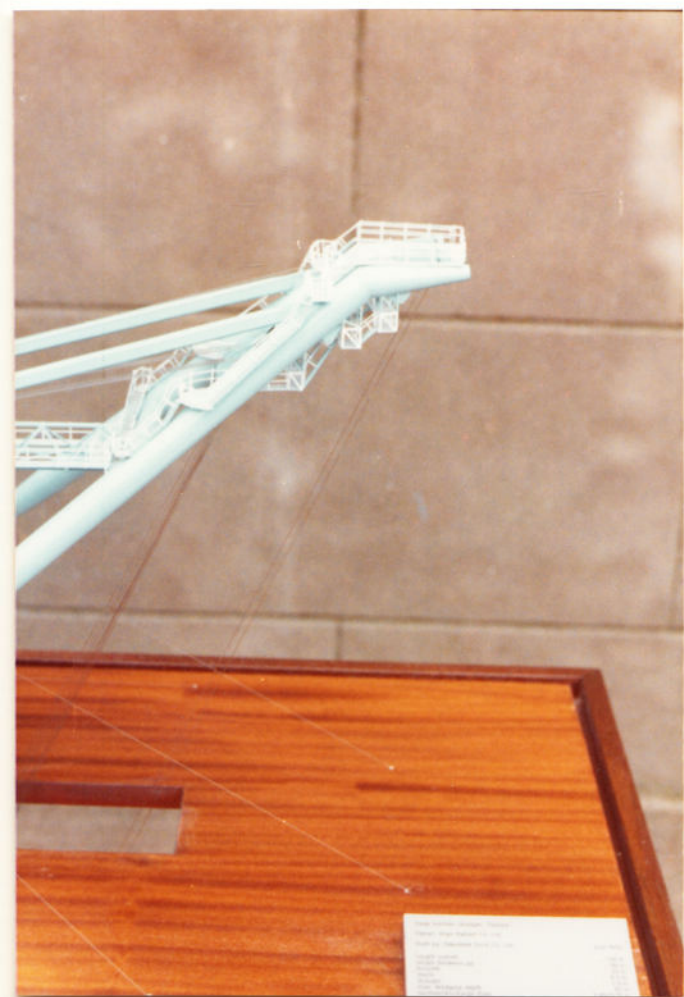
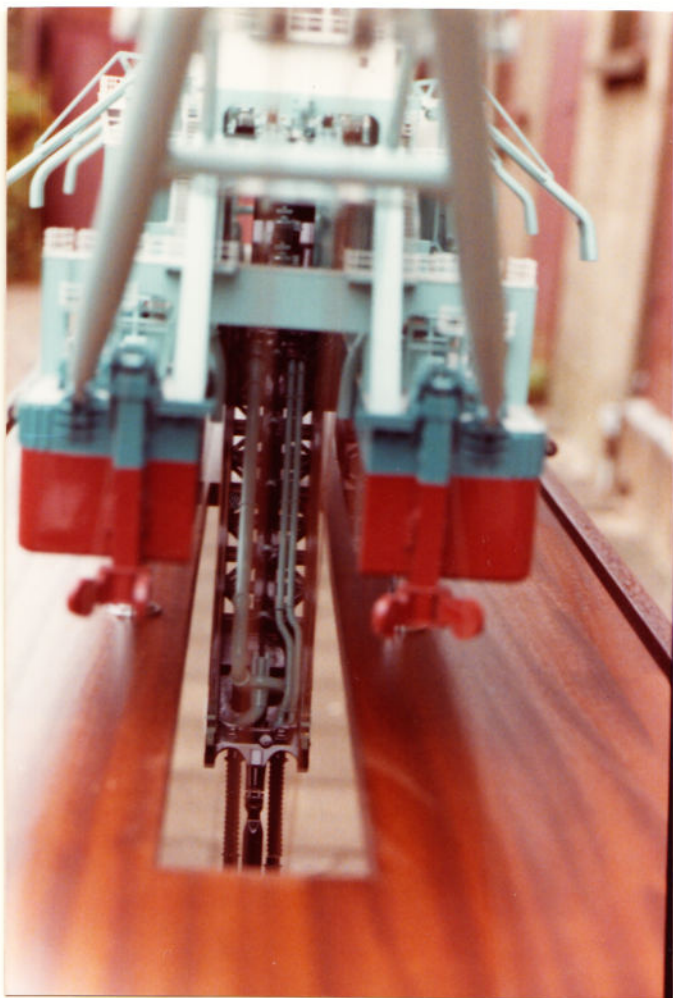
15/9 198



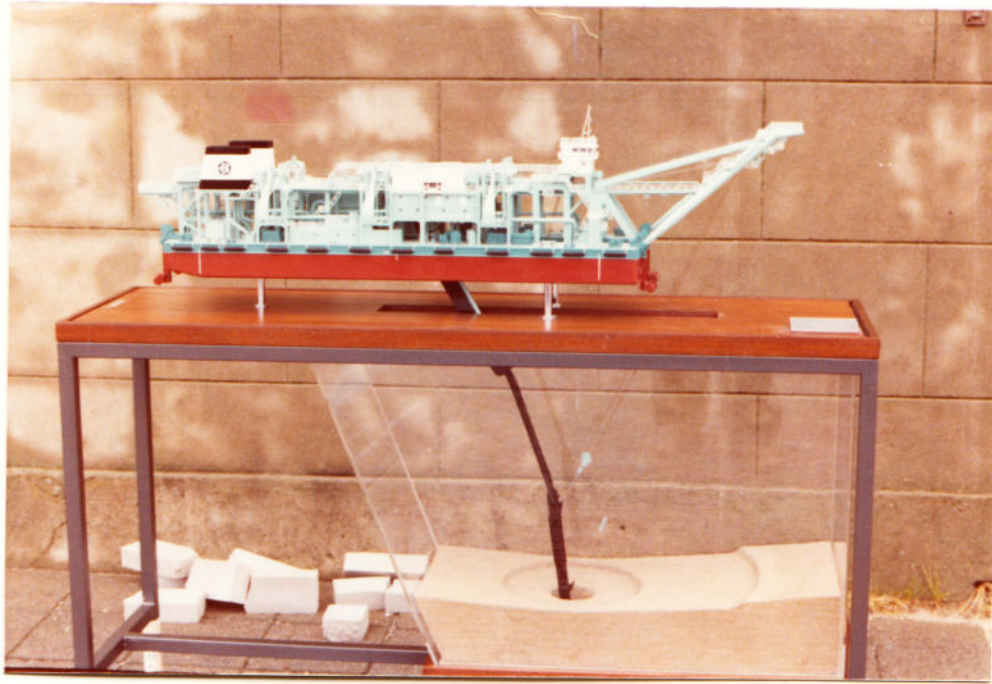


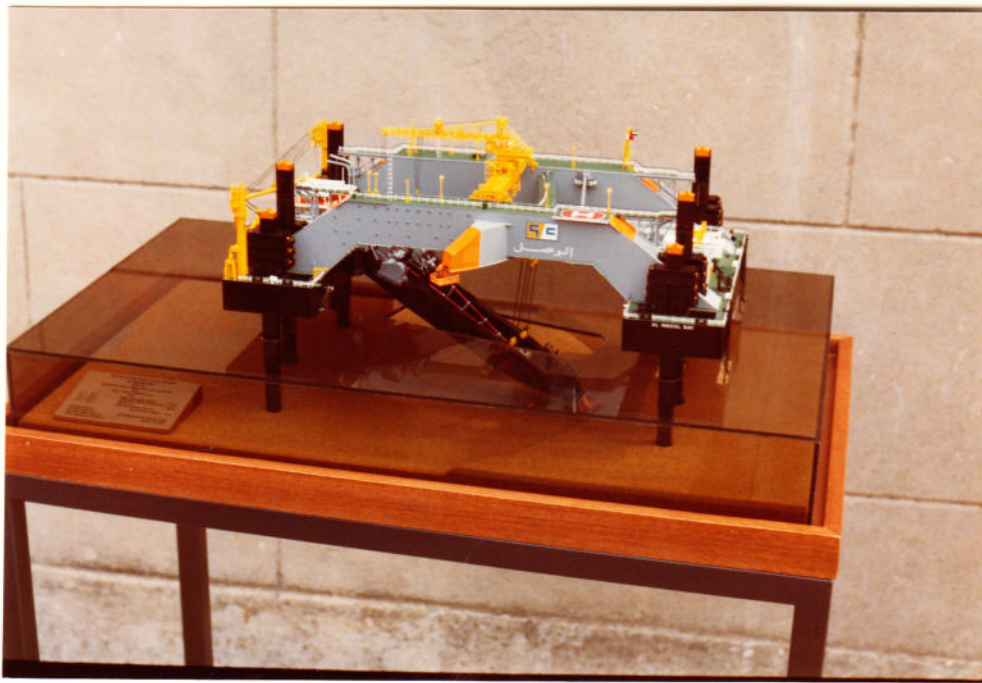




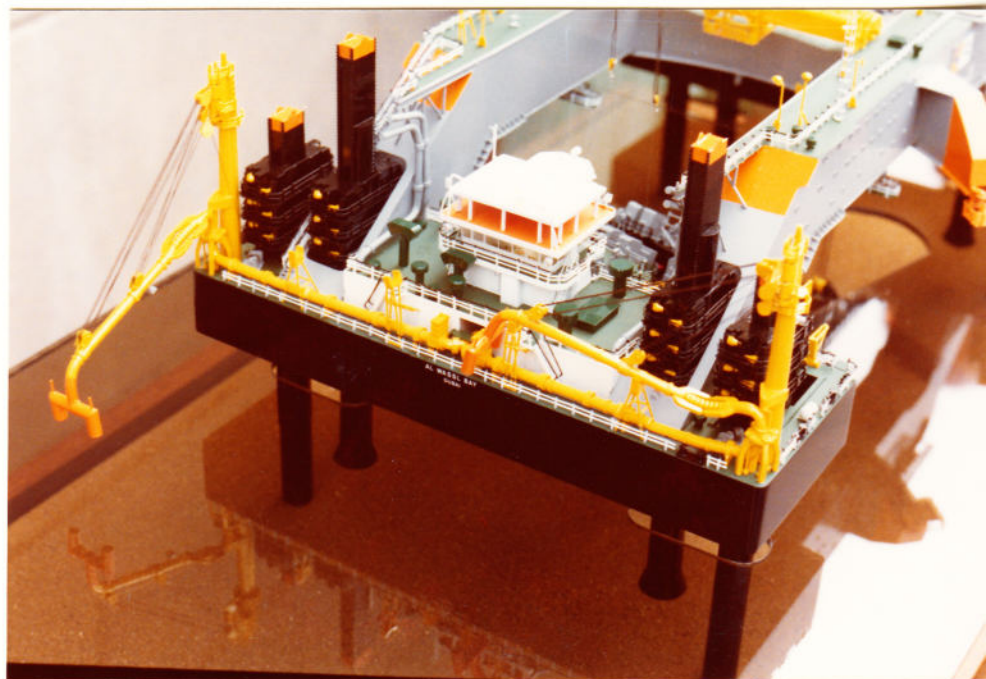
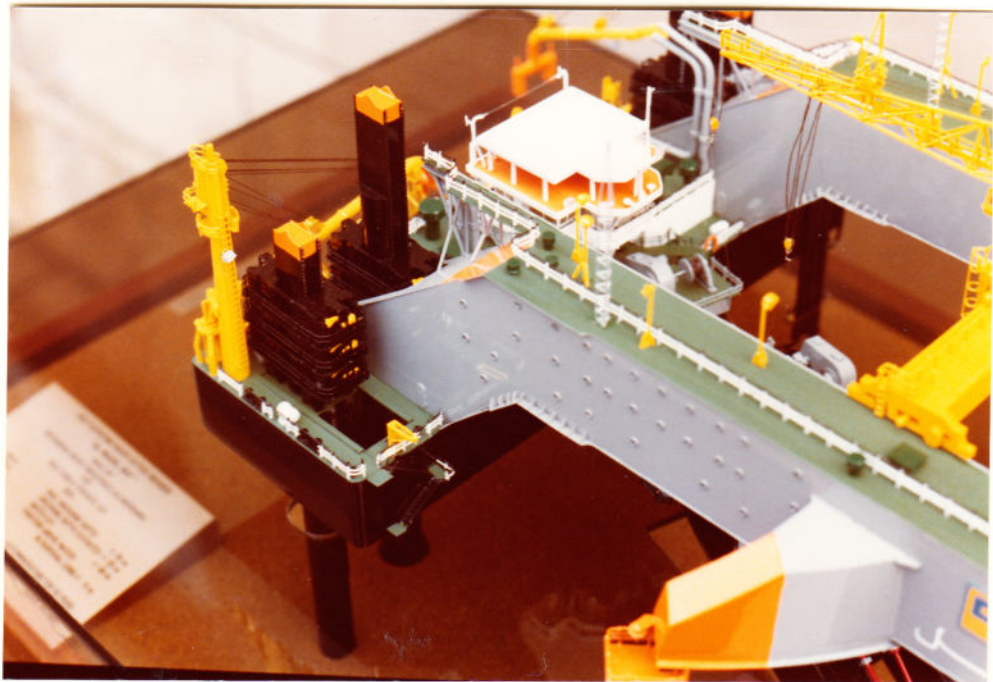


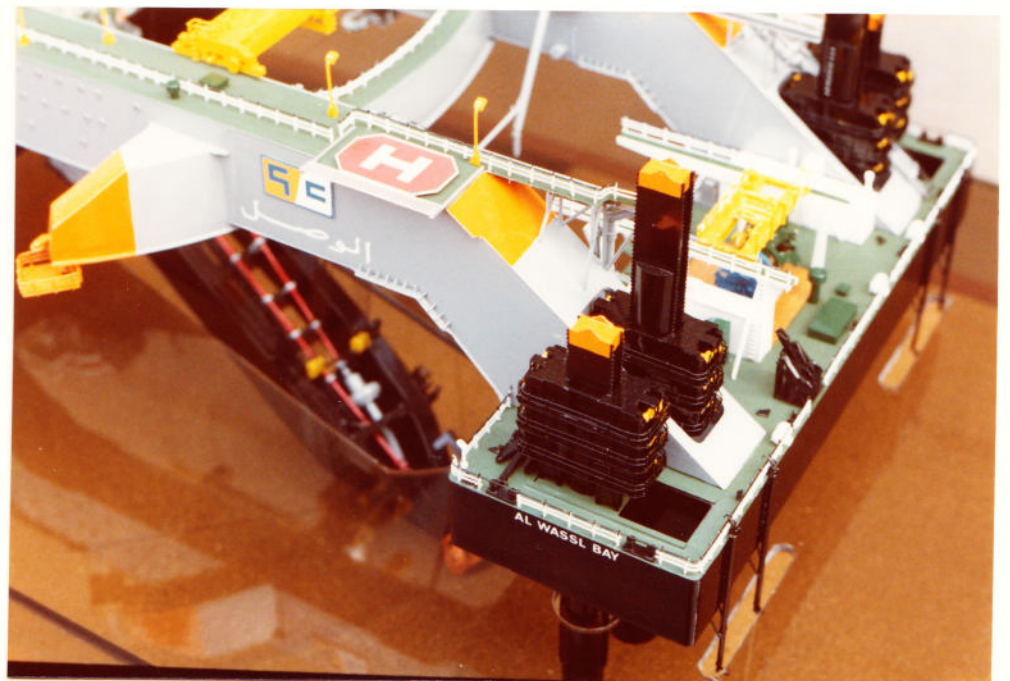
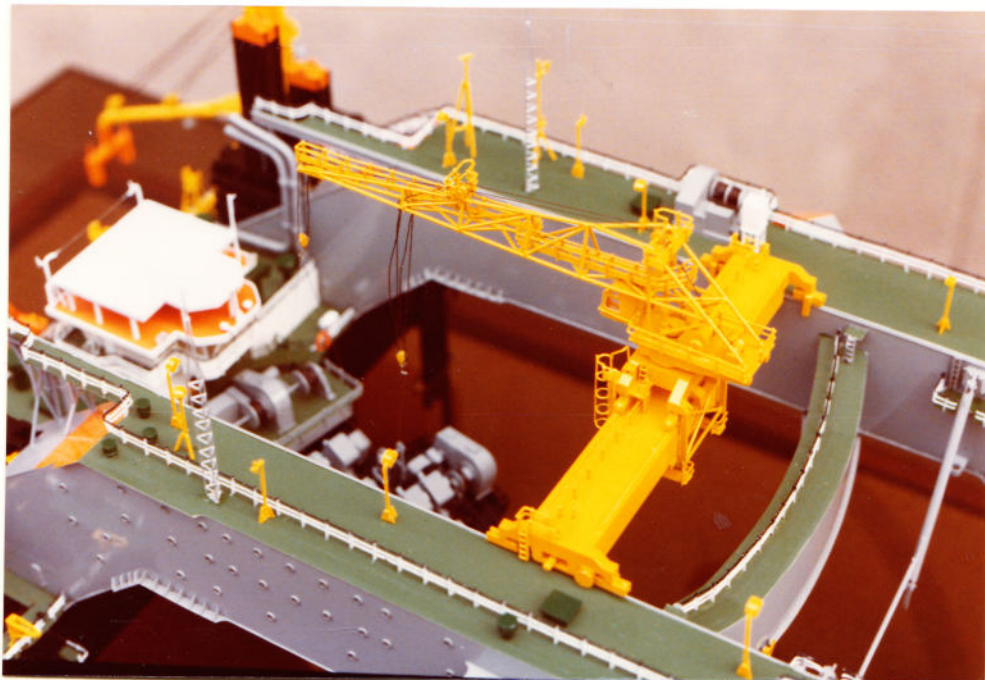
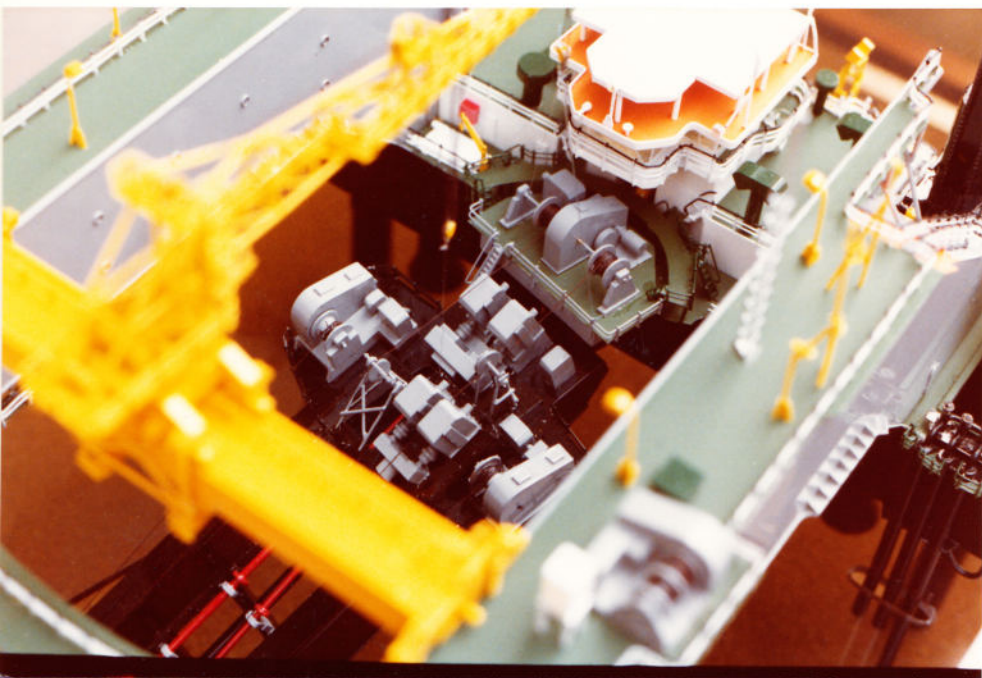


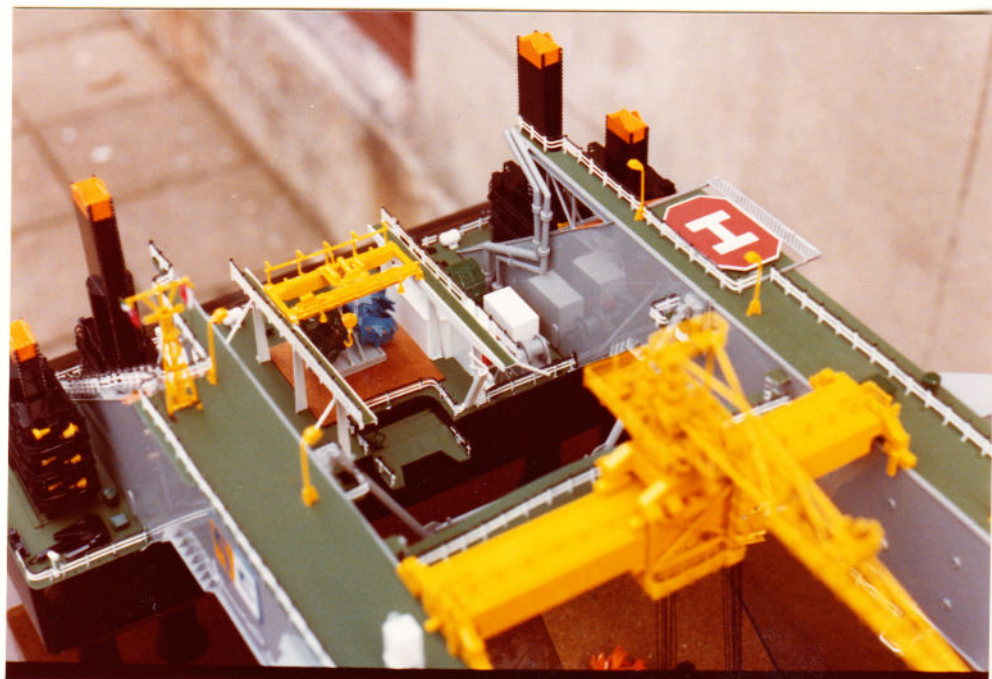
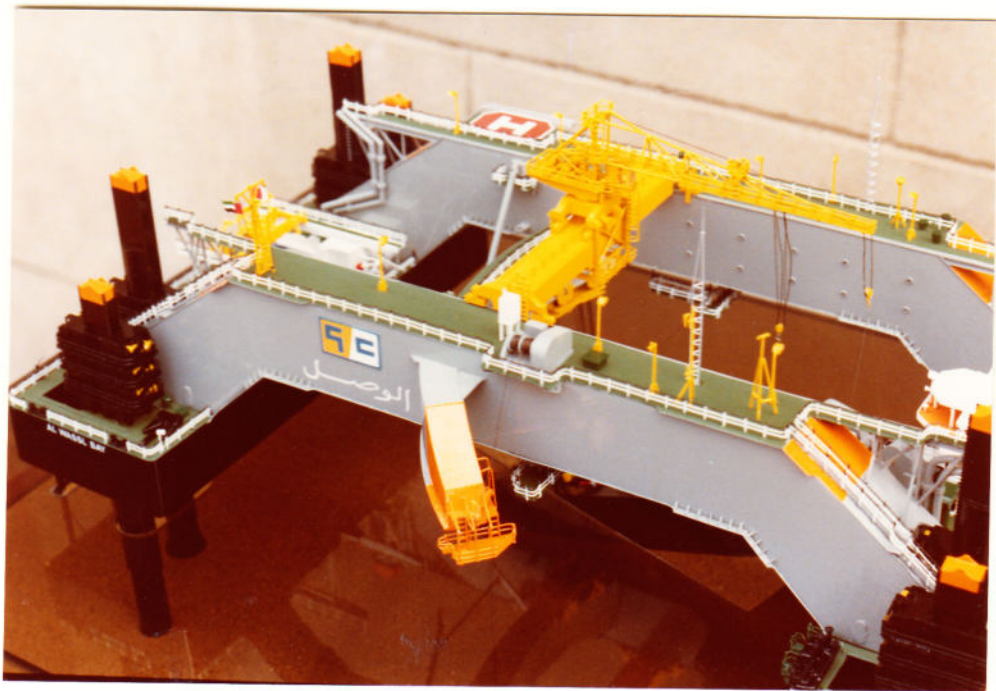
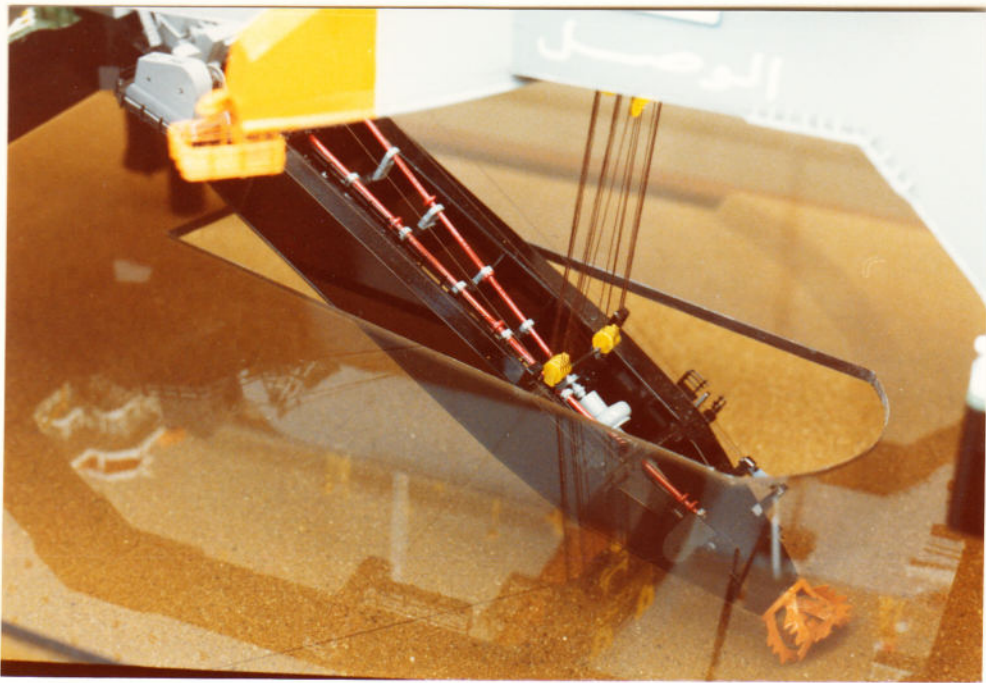


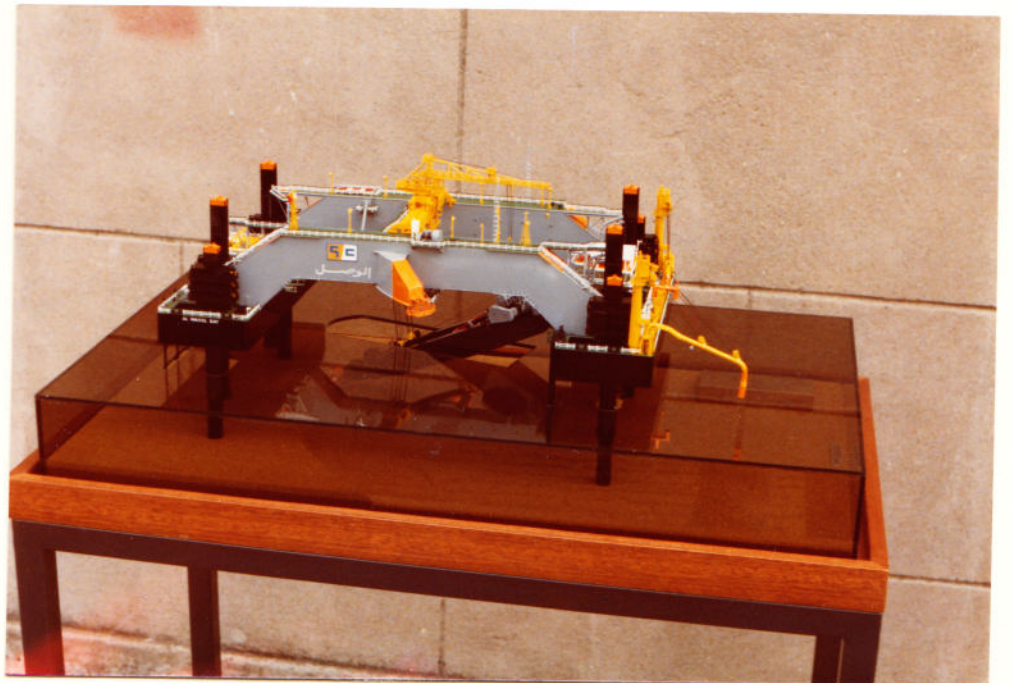
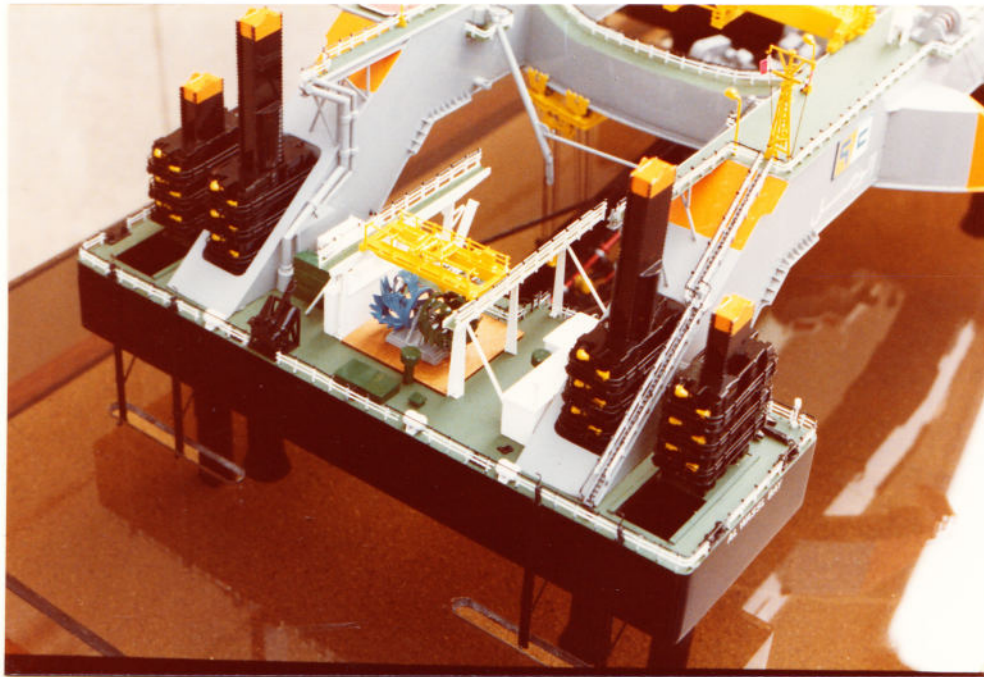
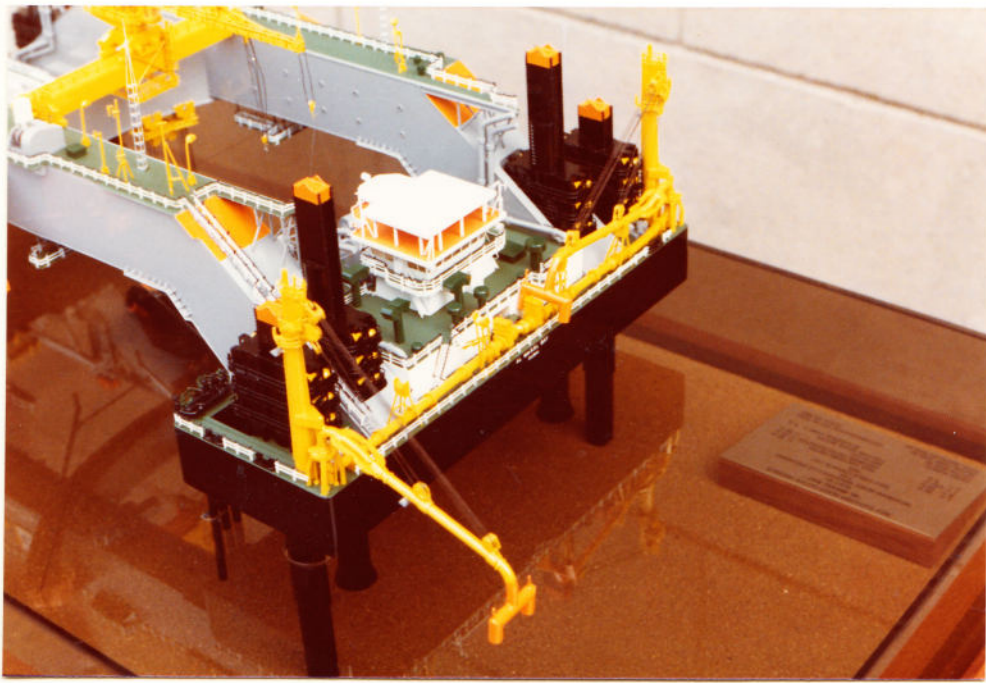


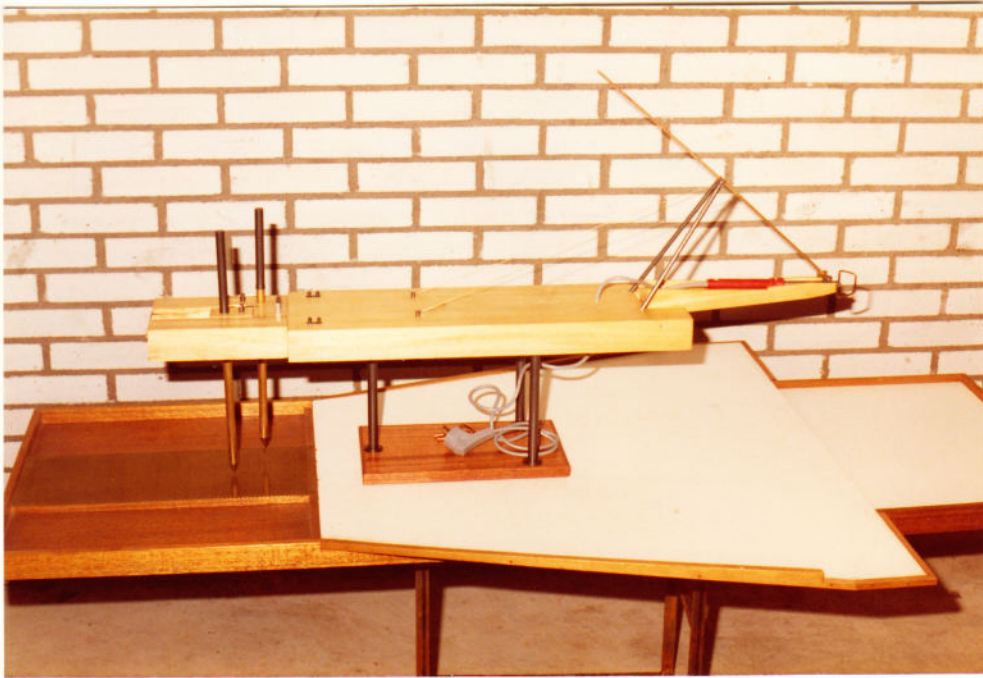
Lobla
"Al Wasl Bay"
Scale 1:200
818 me
4/6/79









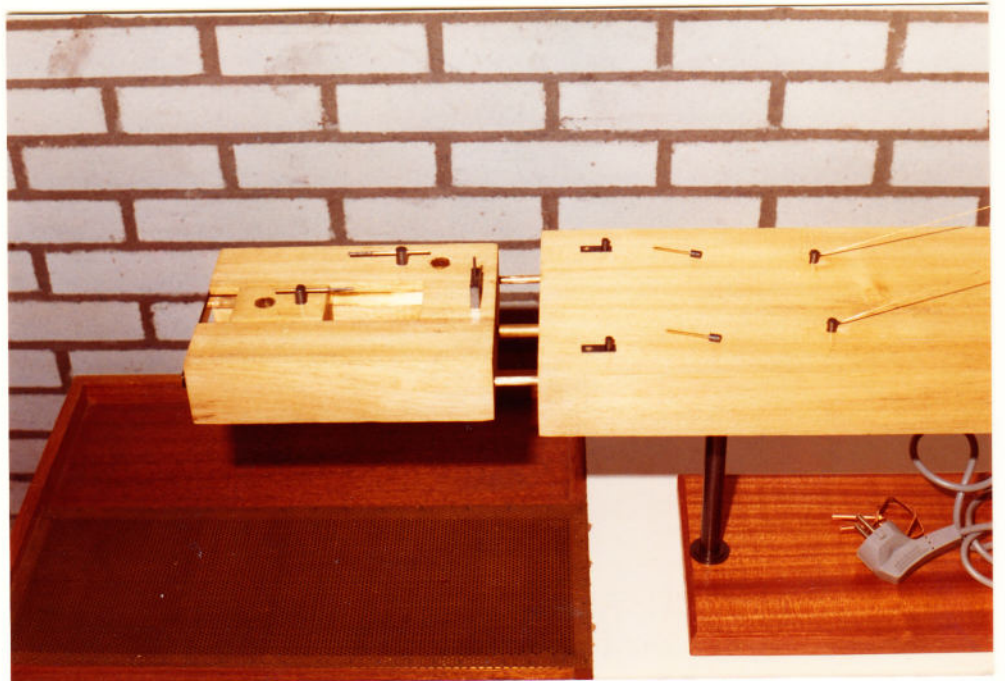
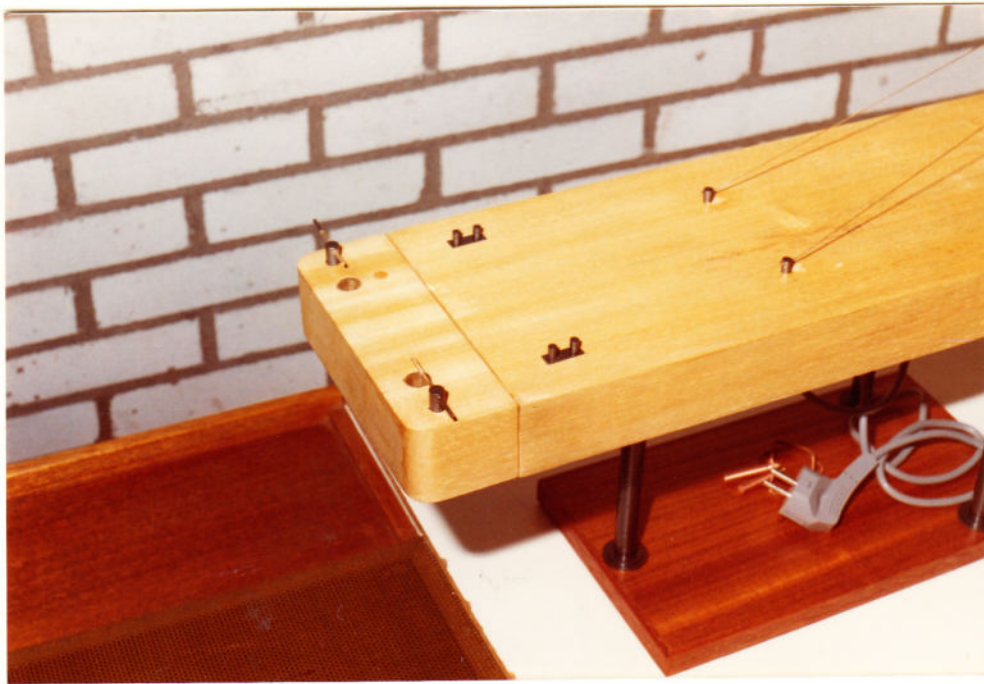


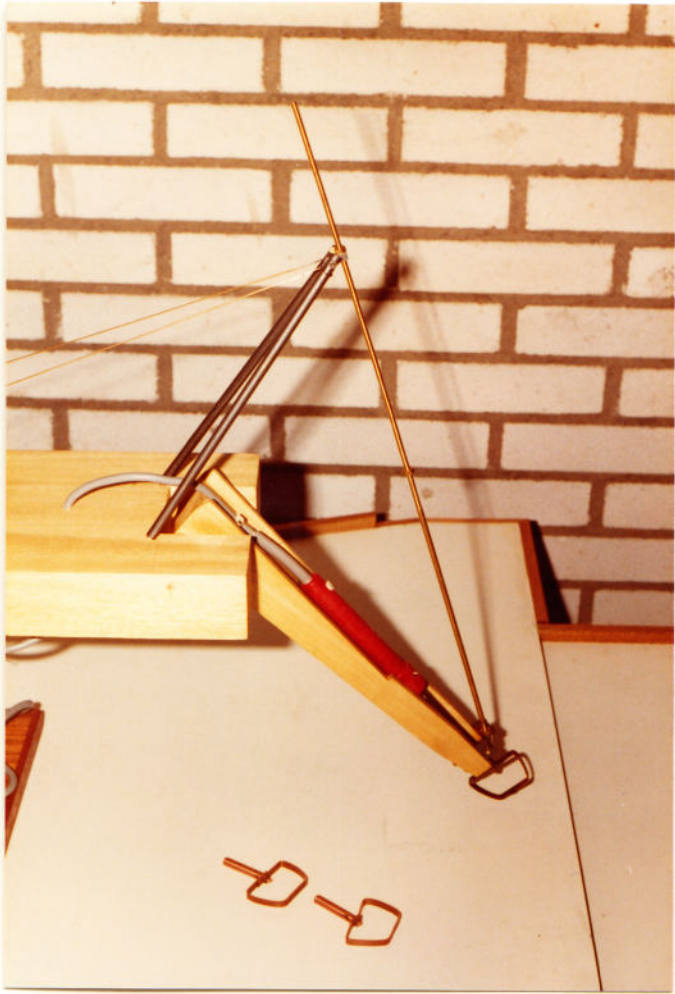
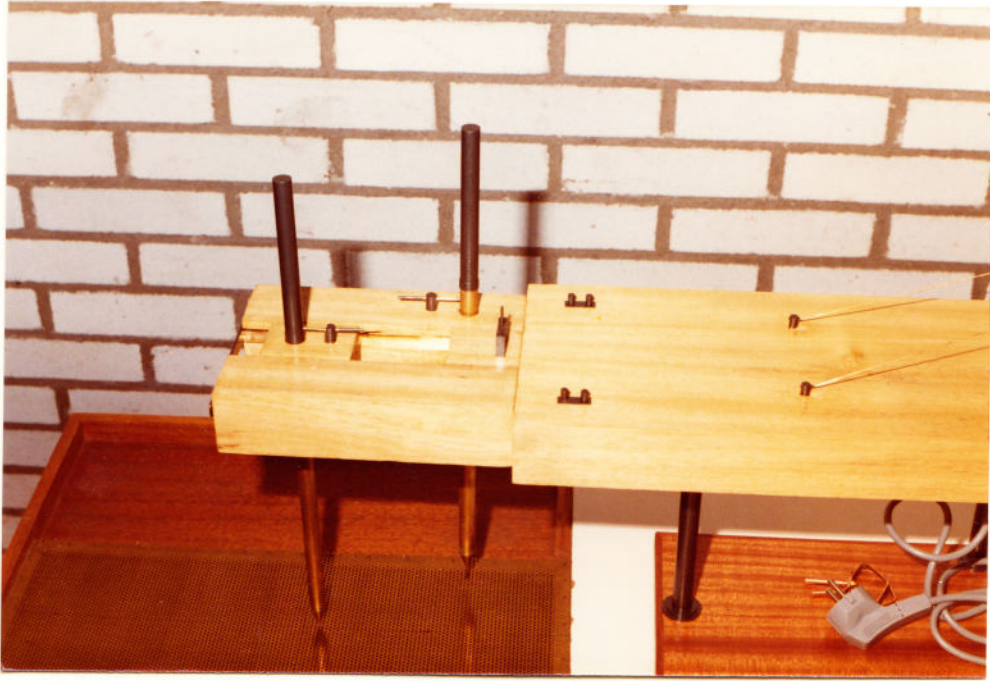
Bos KALIS

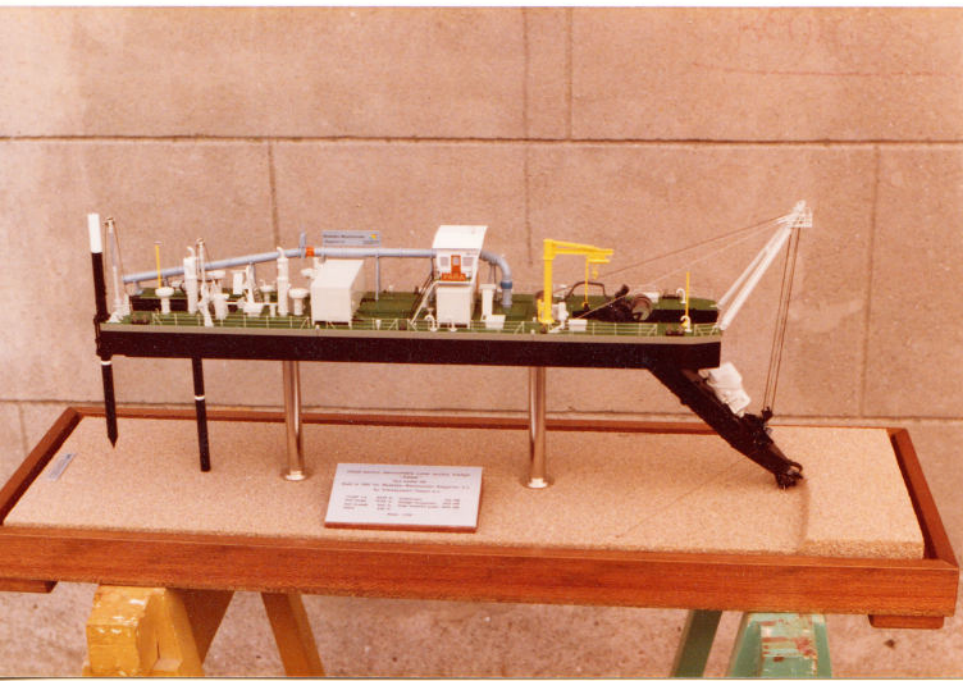
Cutterzuiger met
glijdraad voor te

14/11/80 67 uur.

1:50







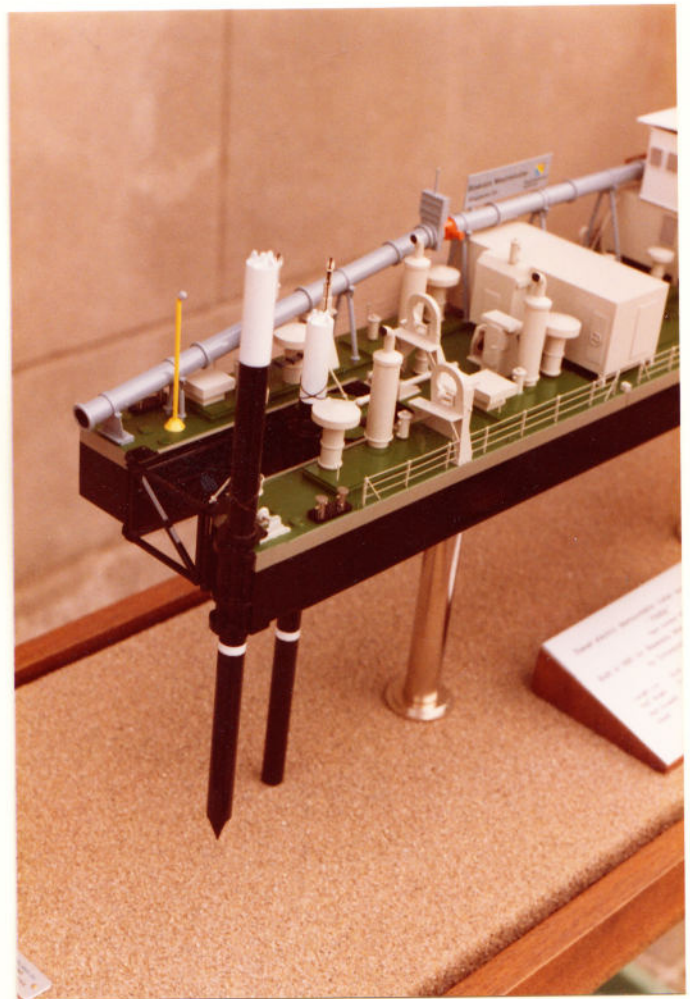
STAPEL

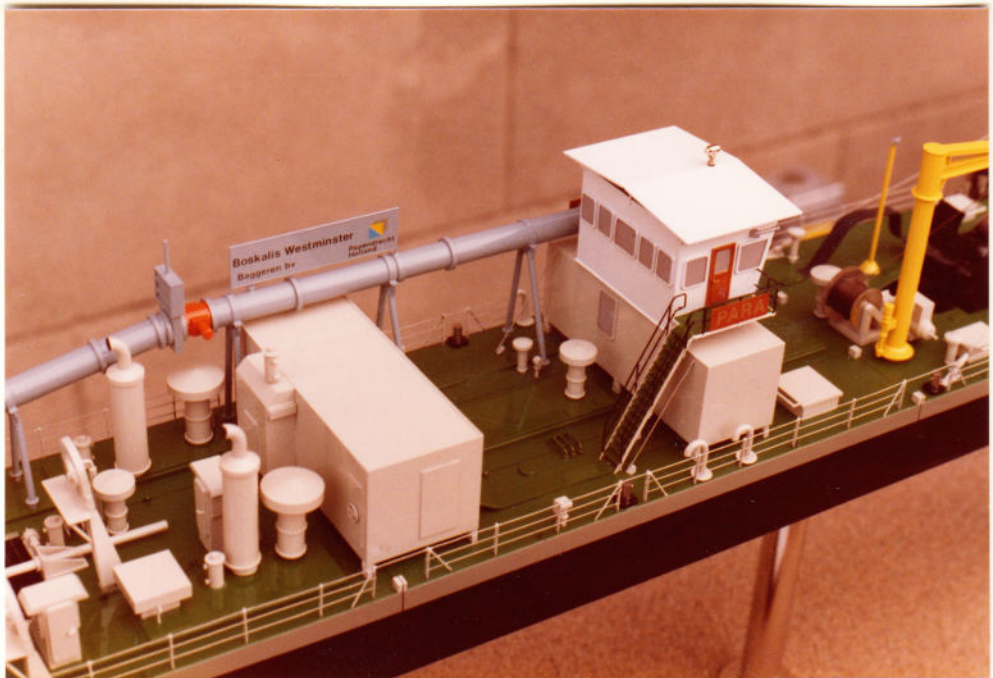
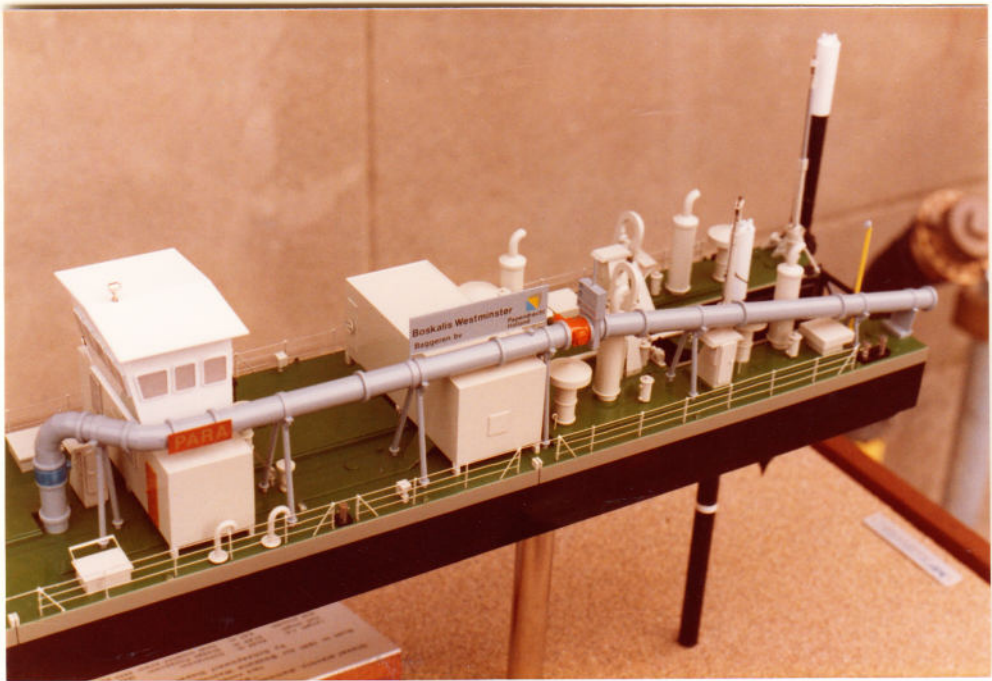
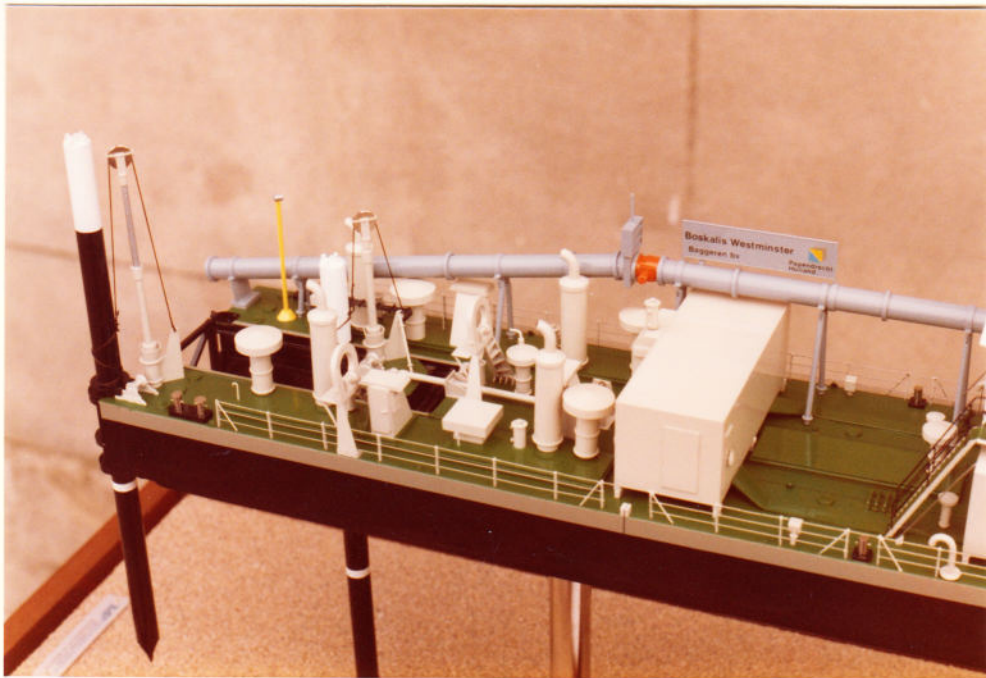
2 Cutterzweiger

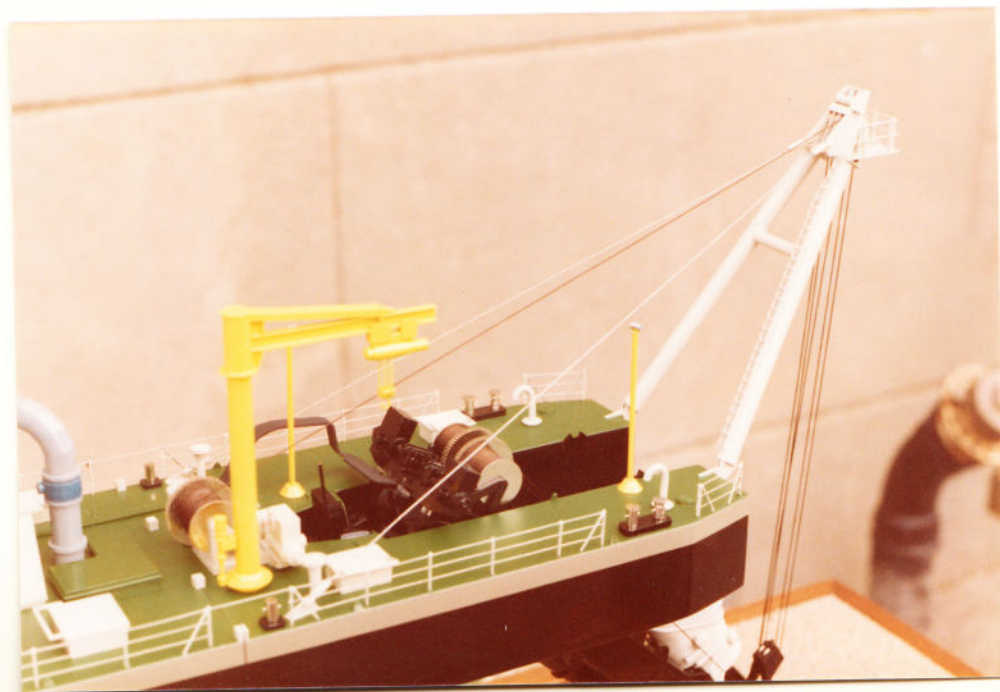
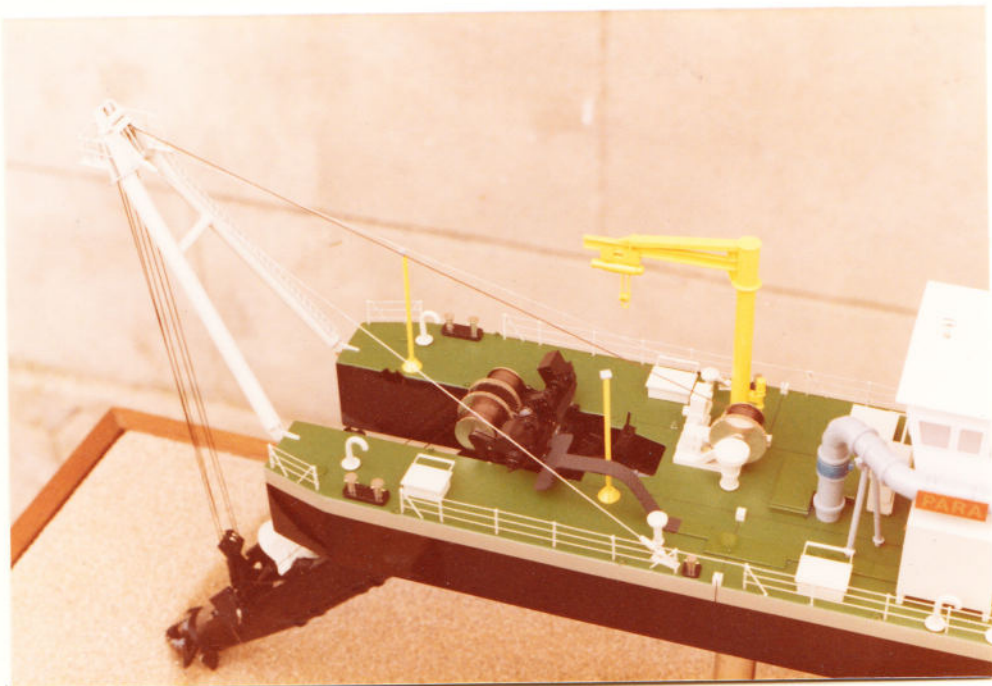
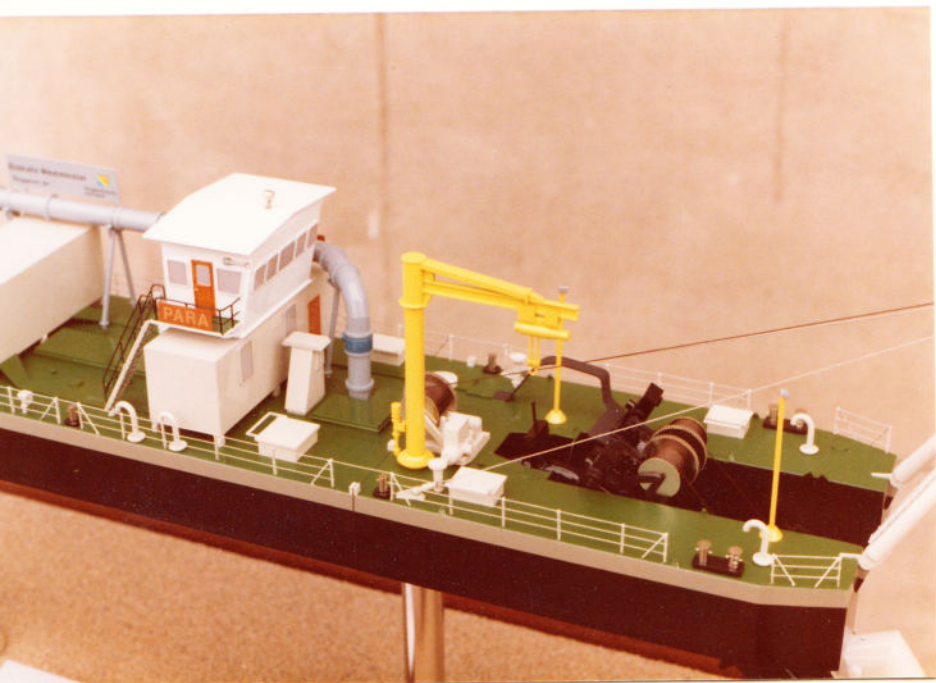
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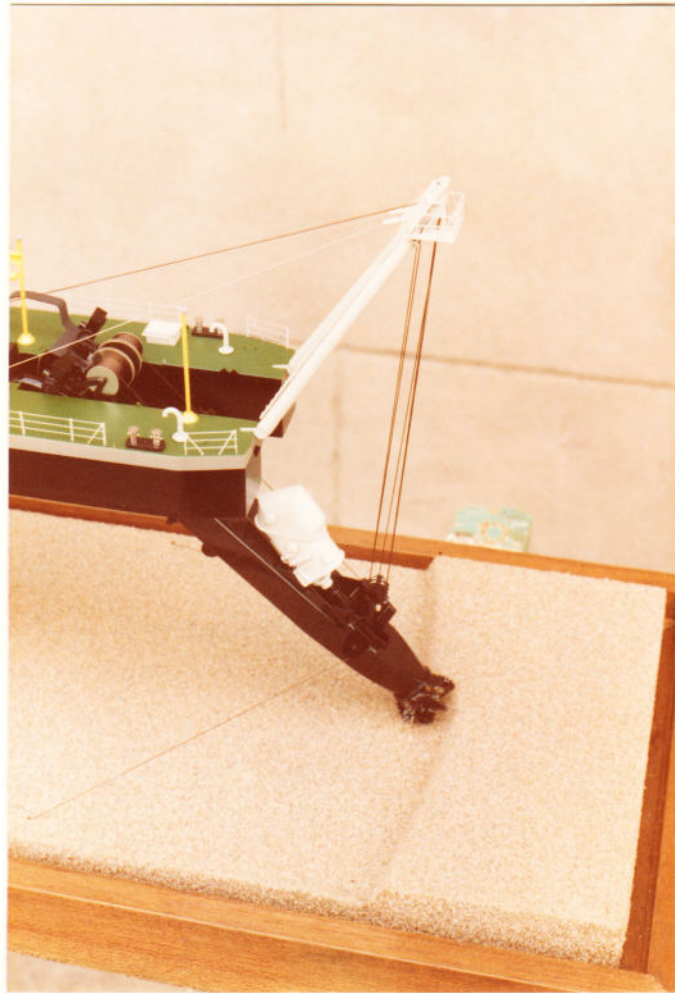
20/11/81

40000 416 mm.









CENTRAAL BAGGER BEHEER

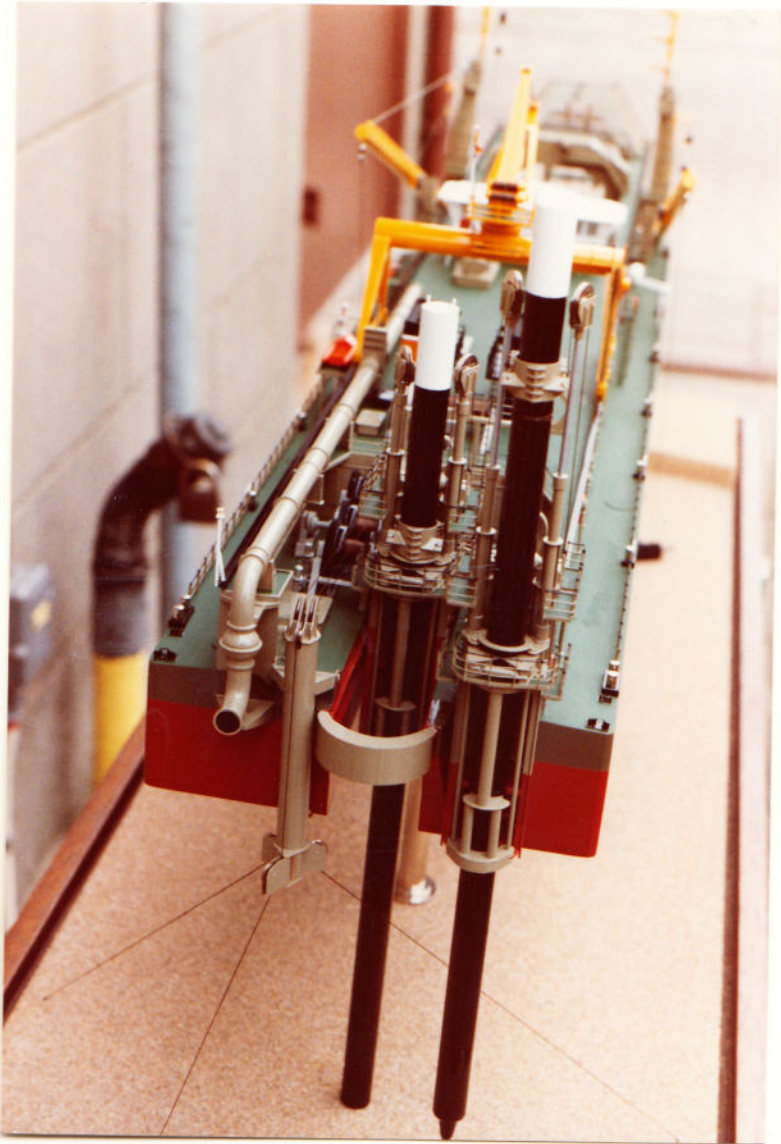
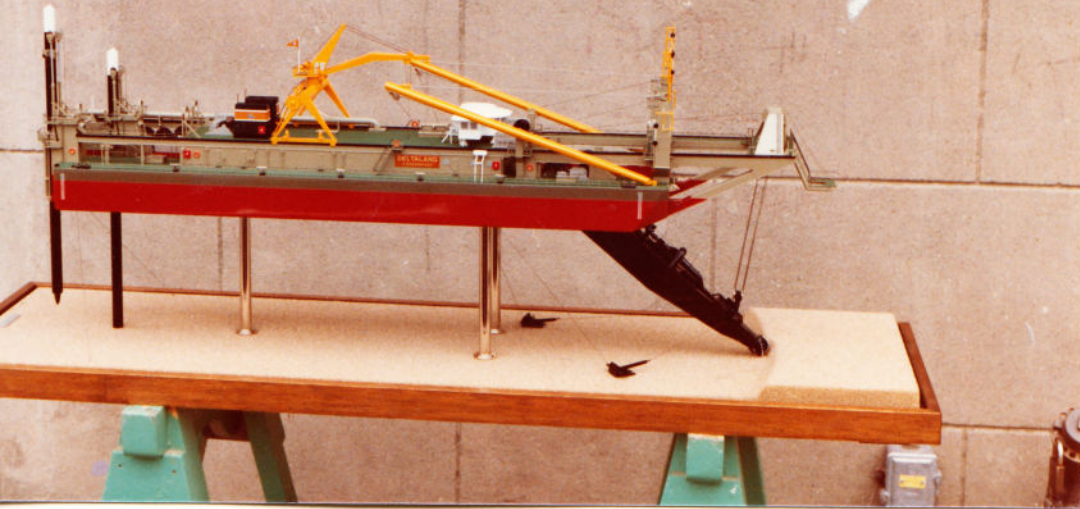
simon met 4x VOS

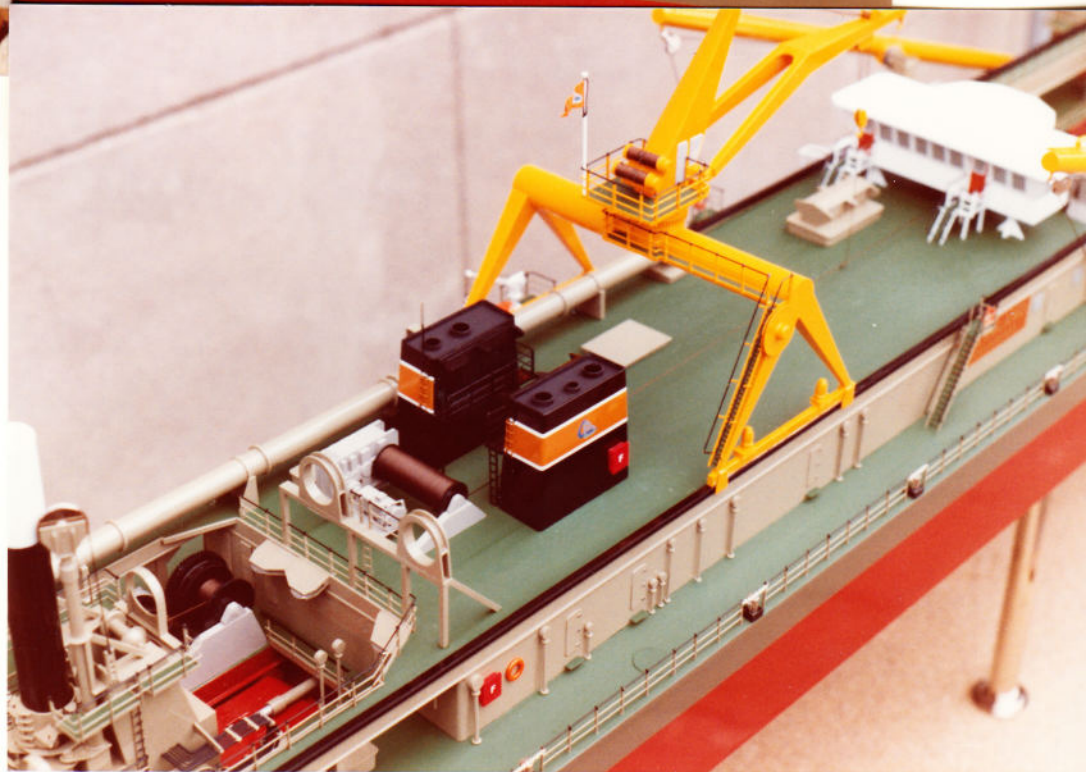
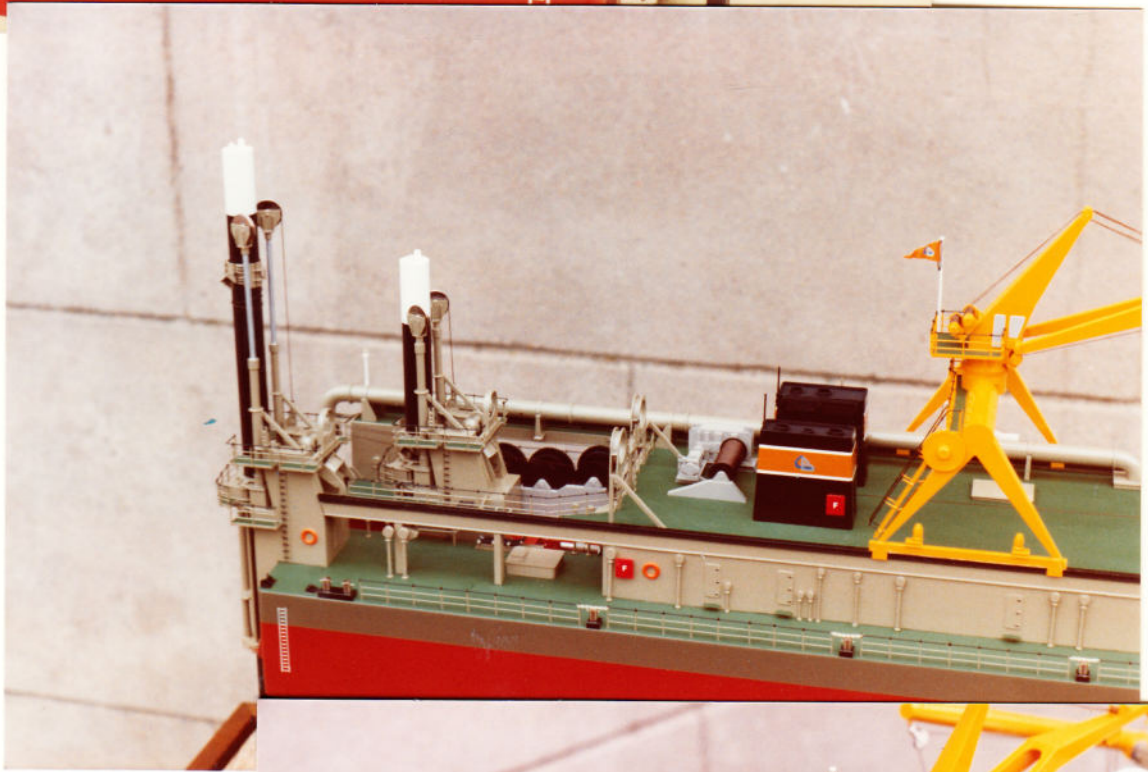
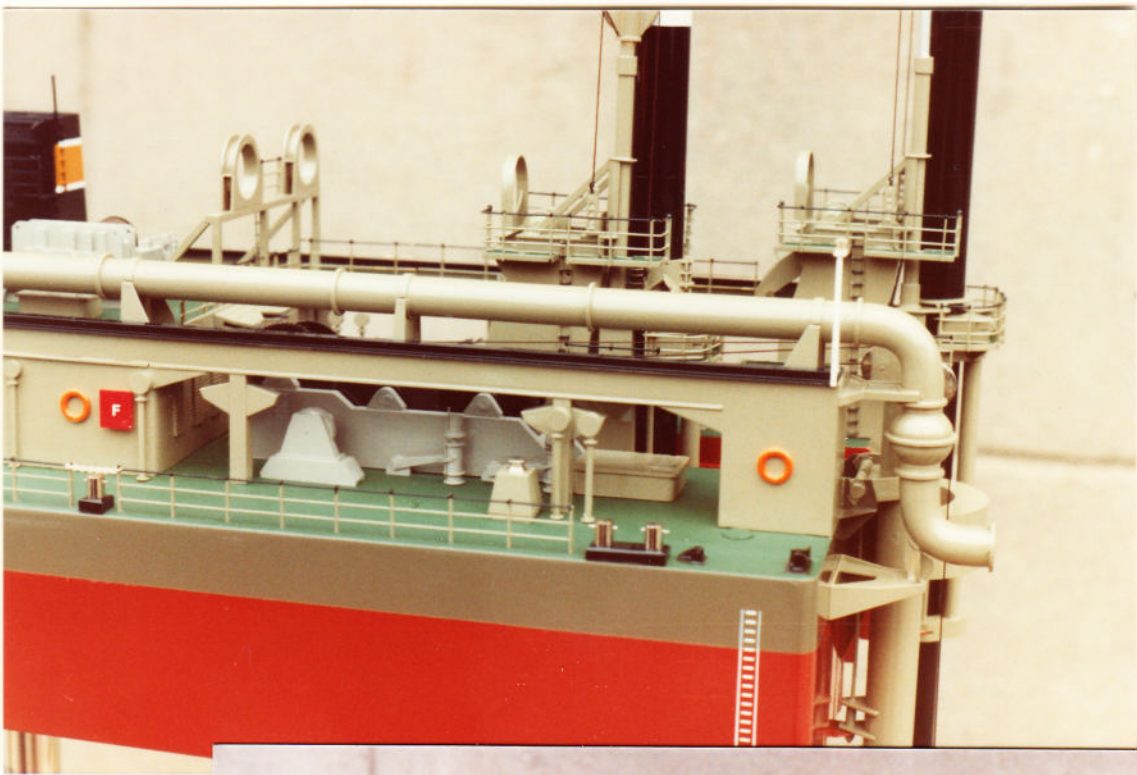
"DELTA LAND"

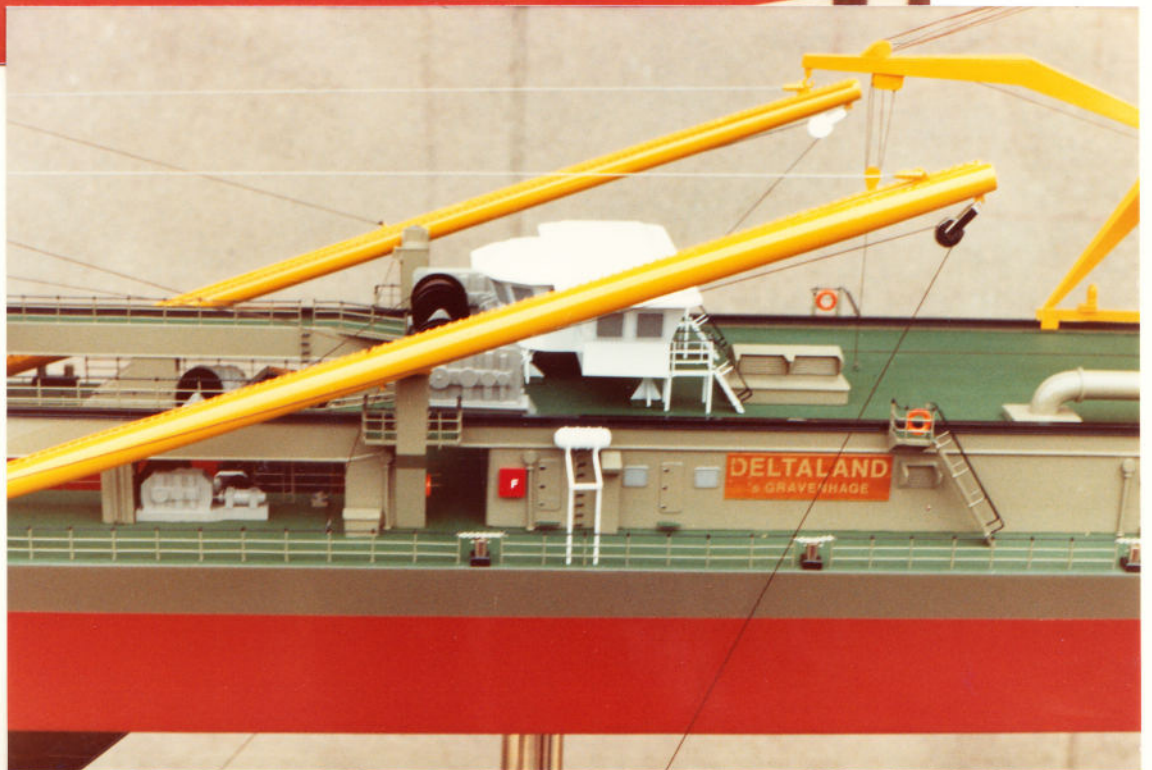
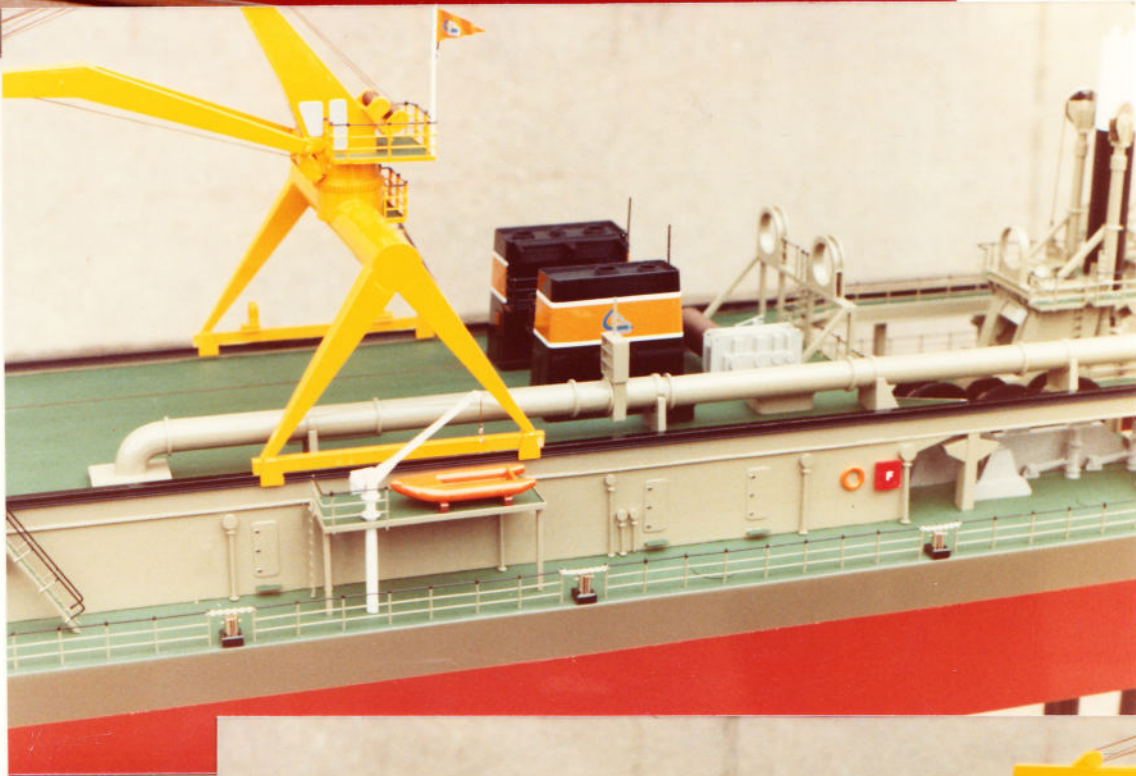
19/3/83

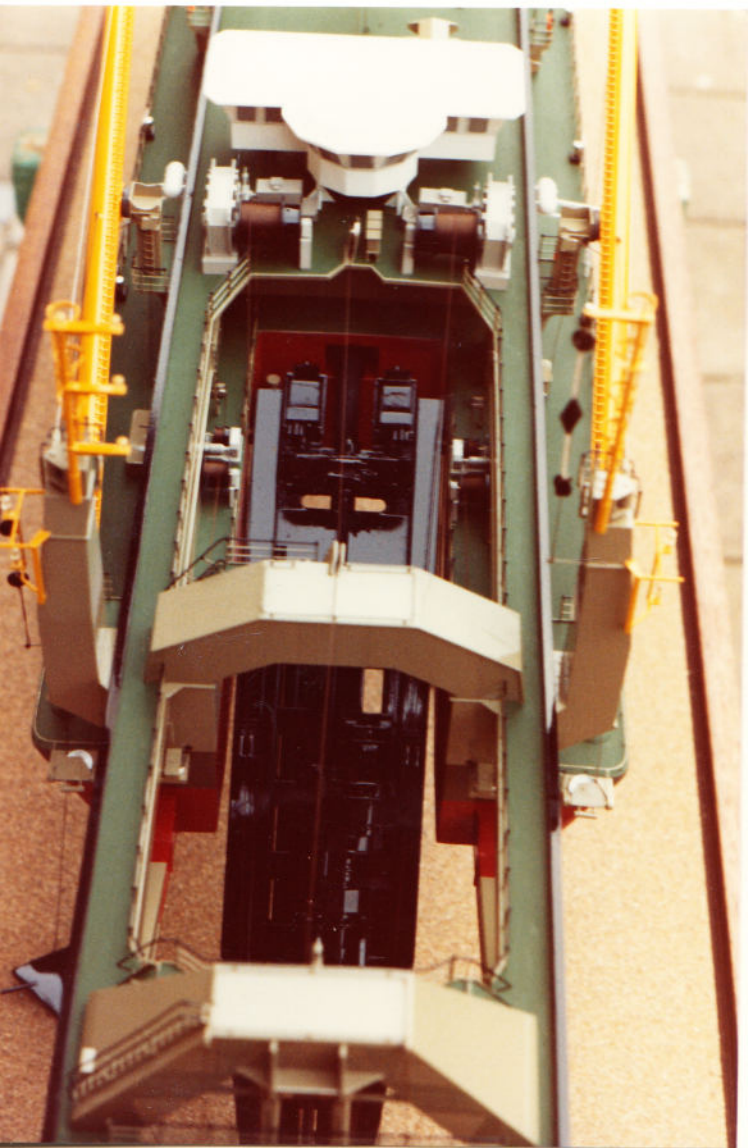
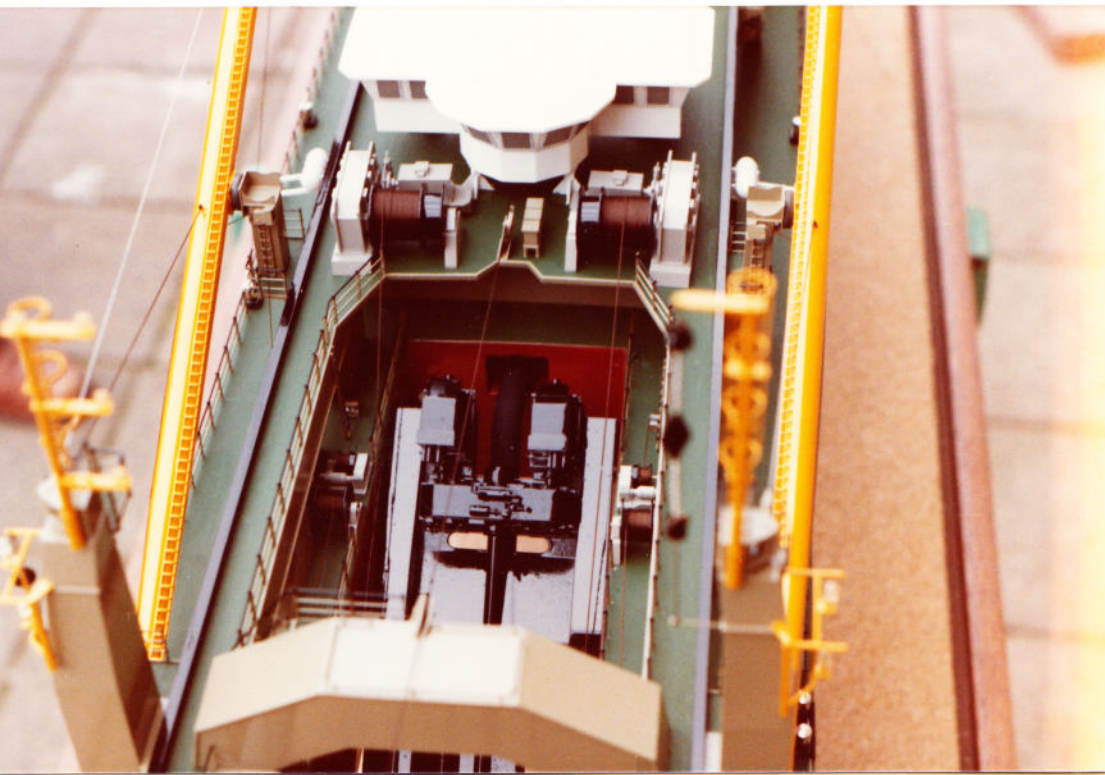
1:100

(SK) tot 2183 $\frac{3}{4}$ mtr.

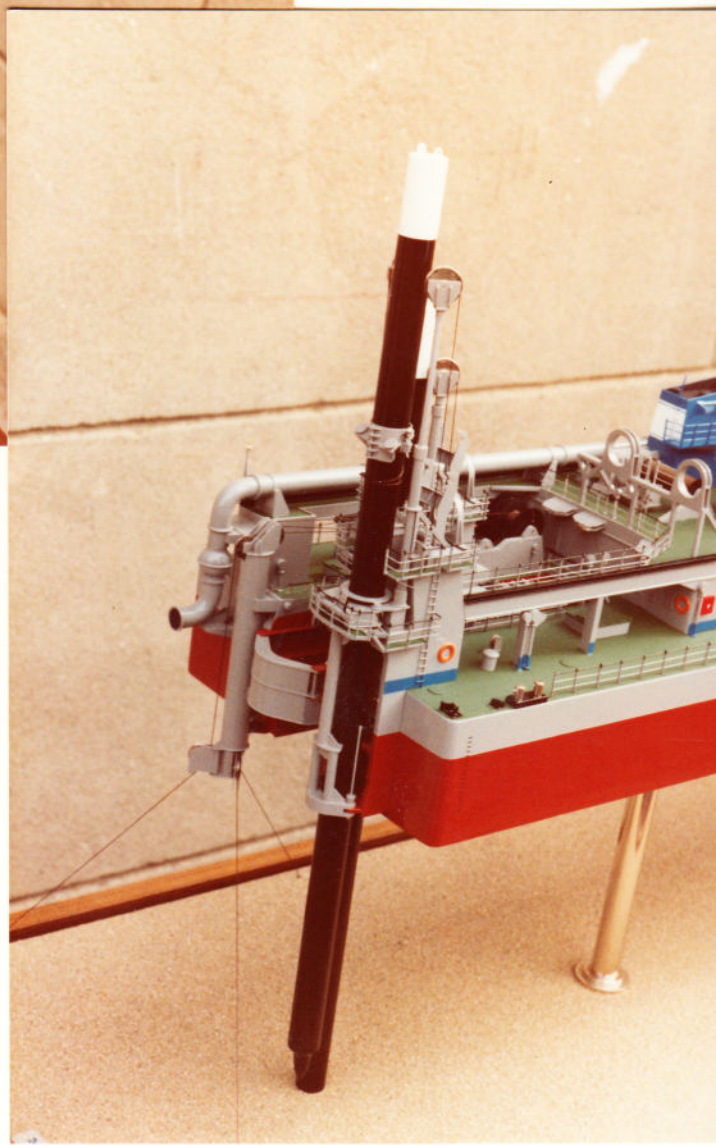
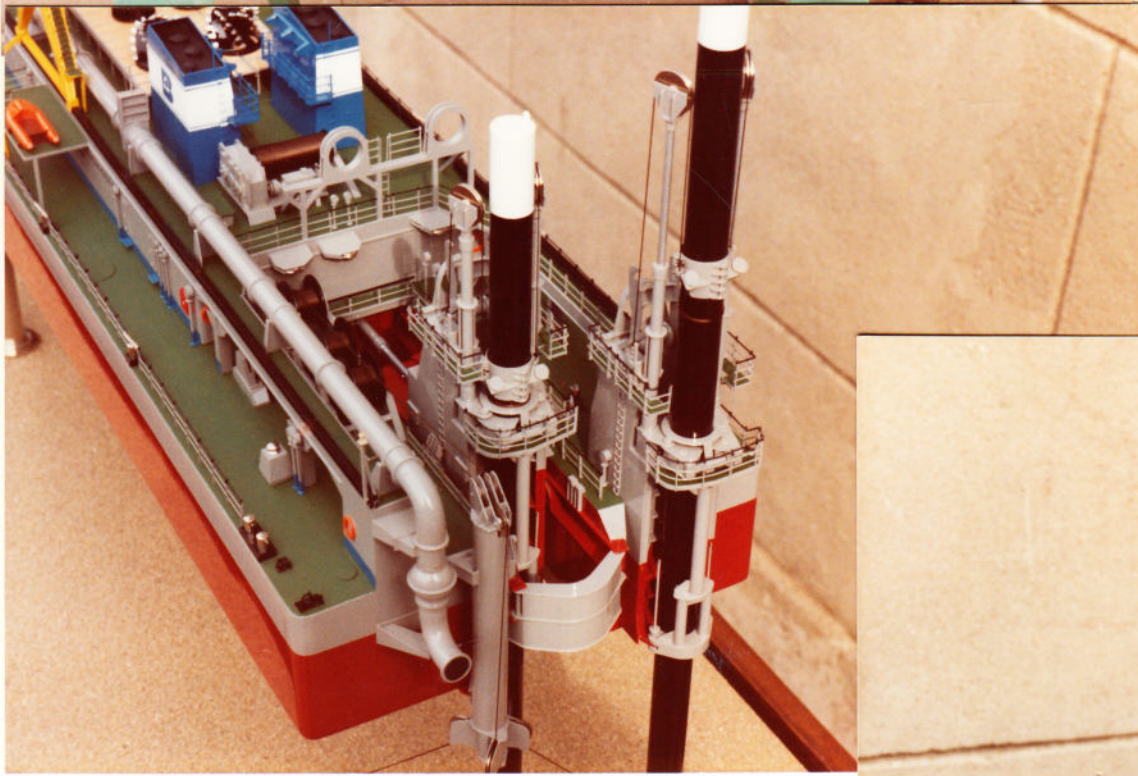
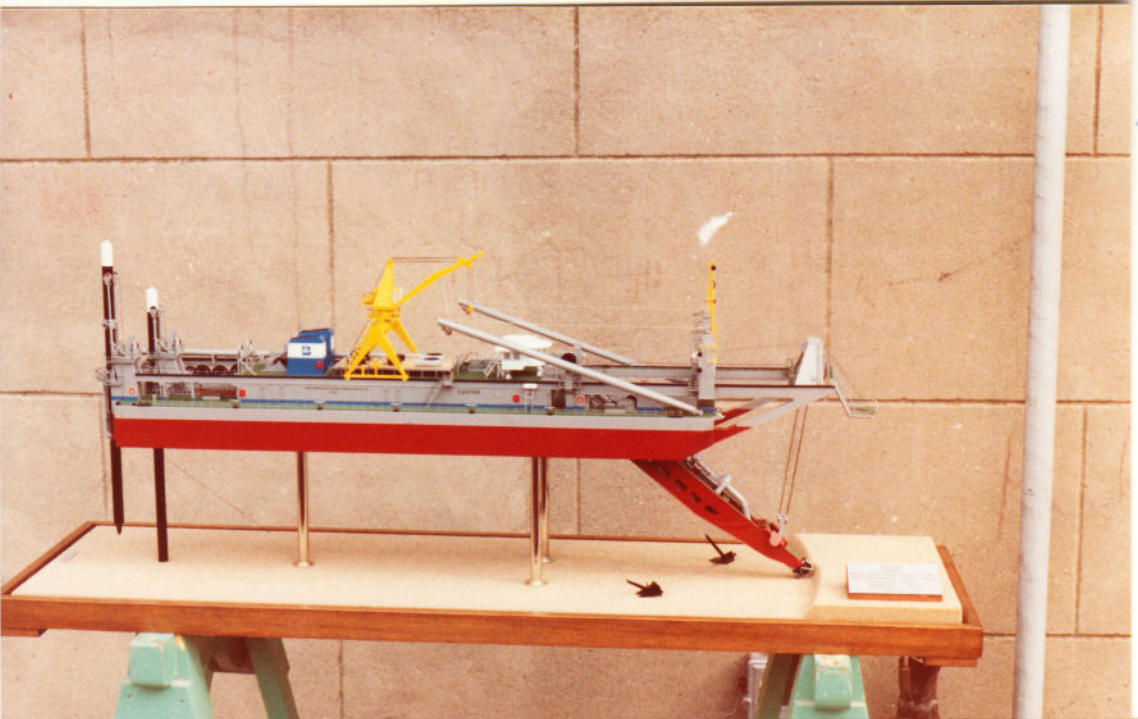


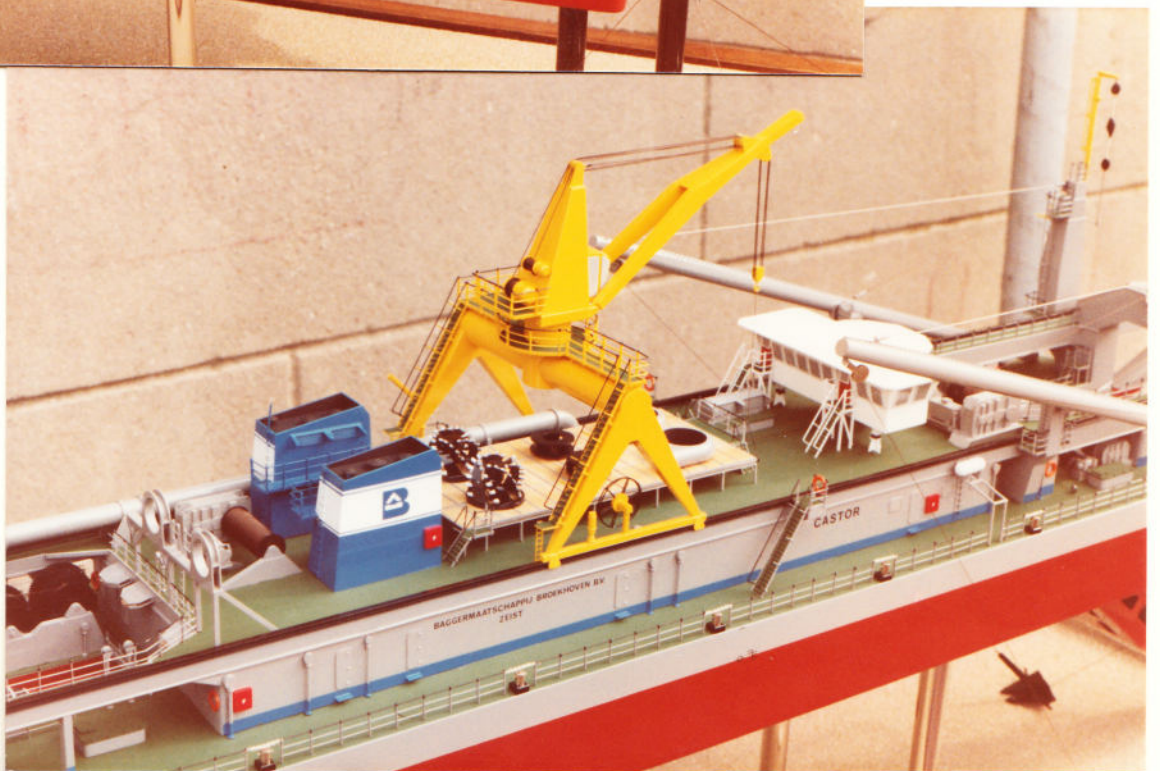
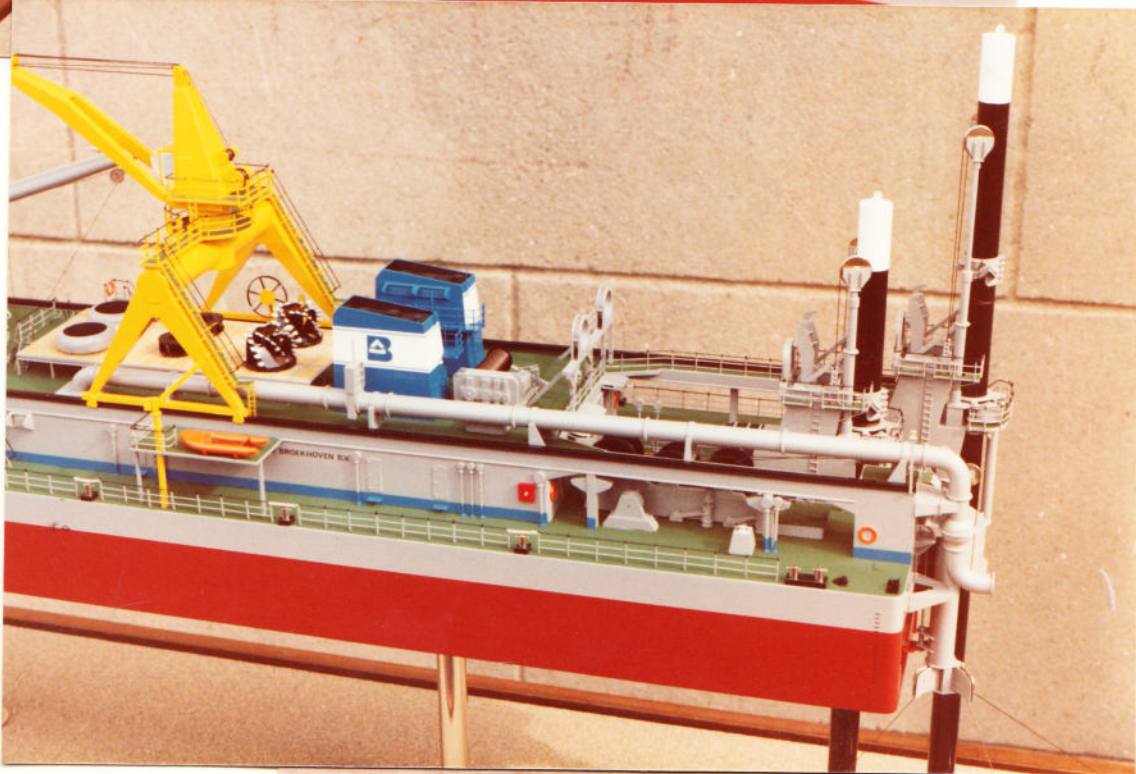
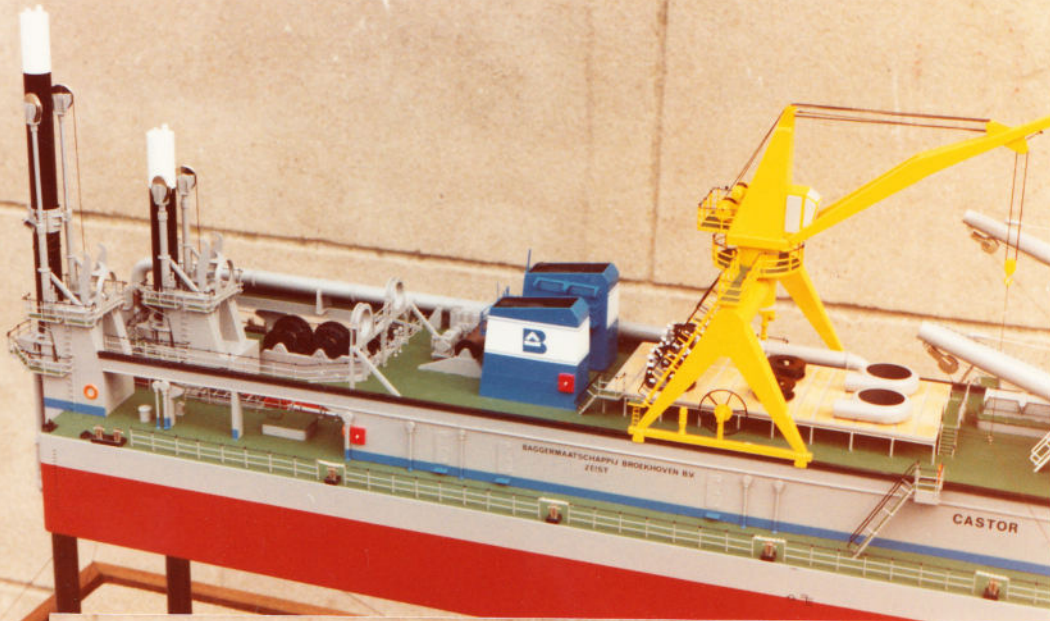


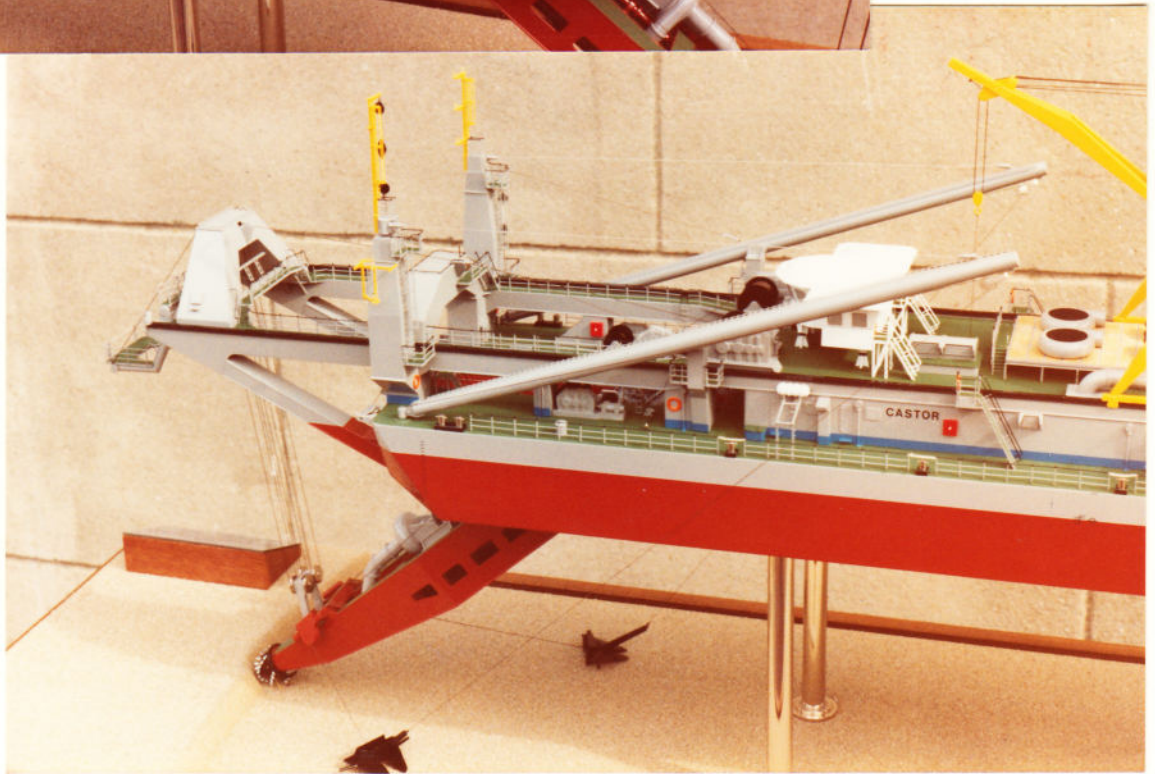
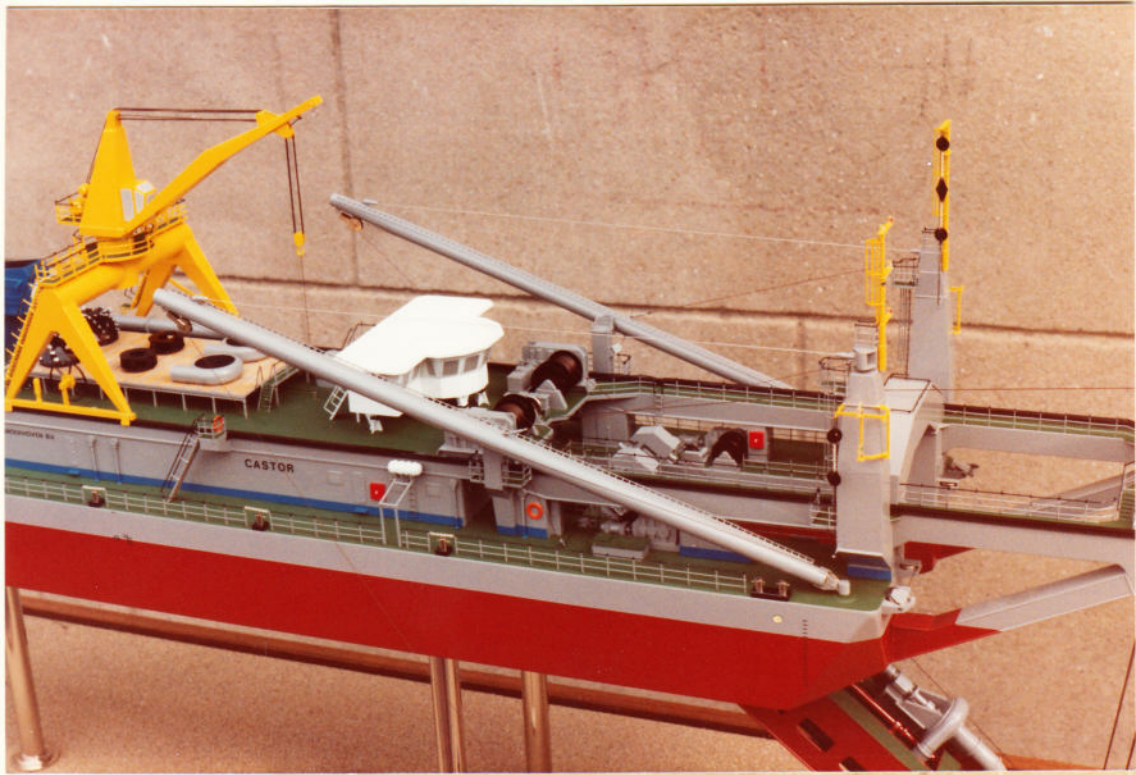


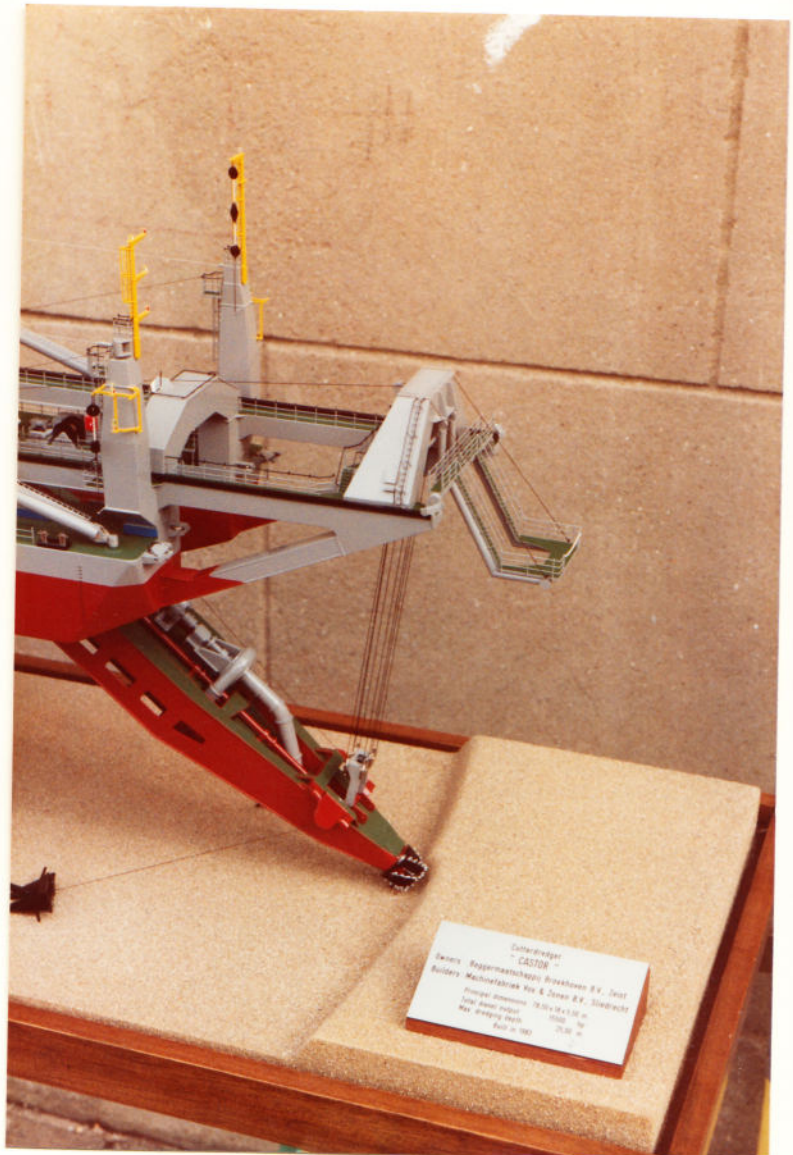
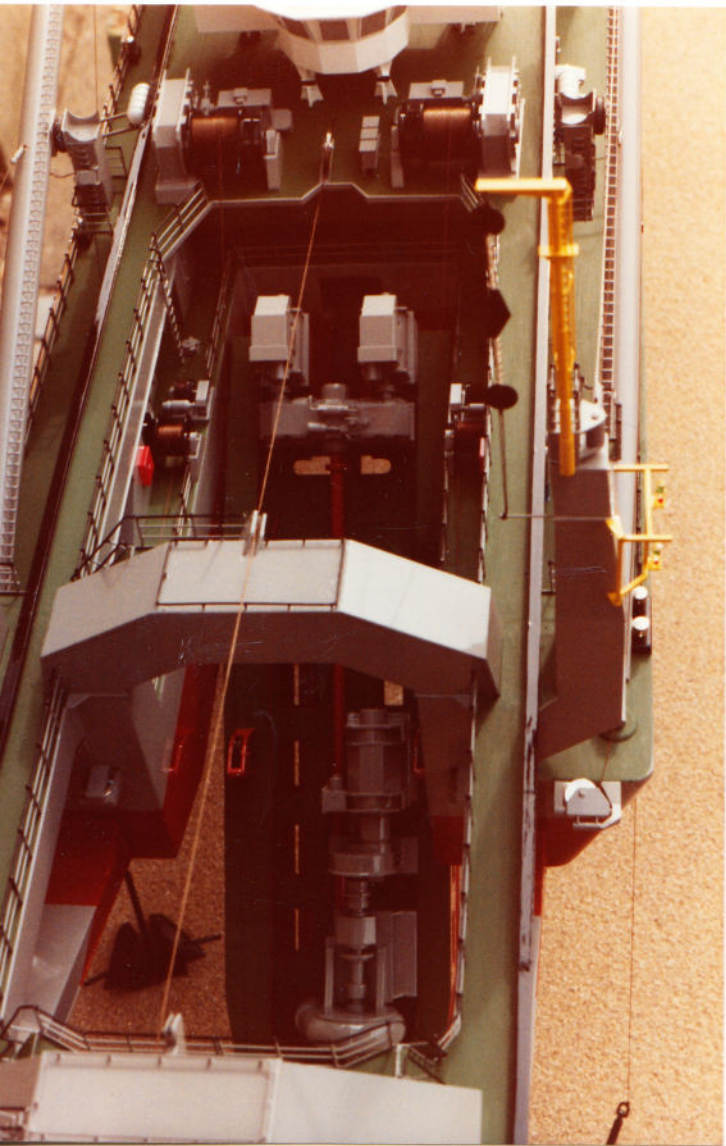
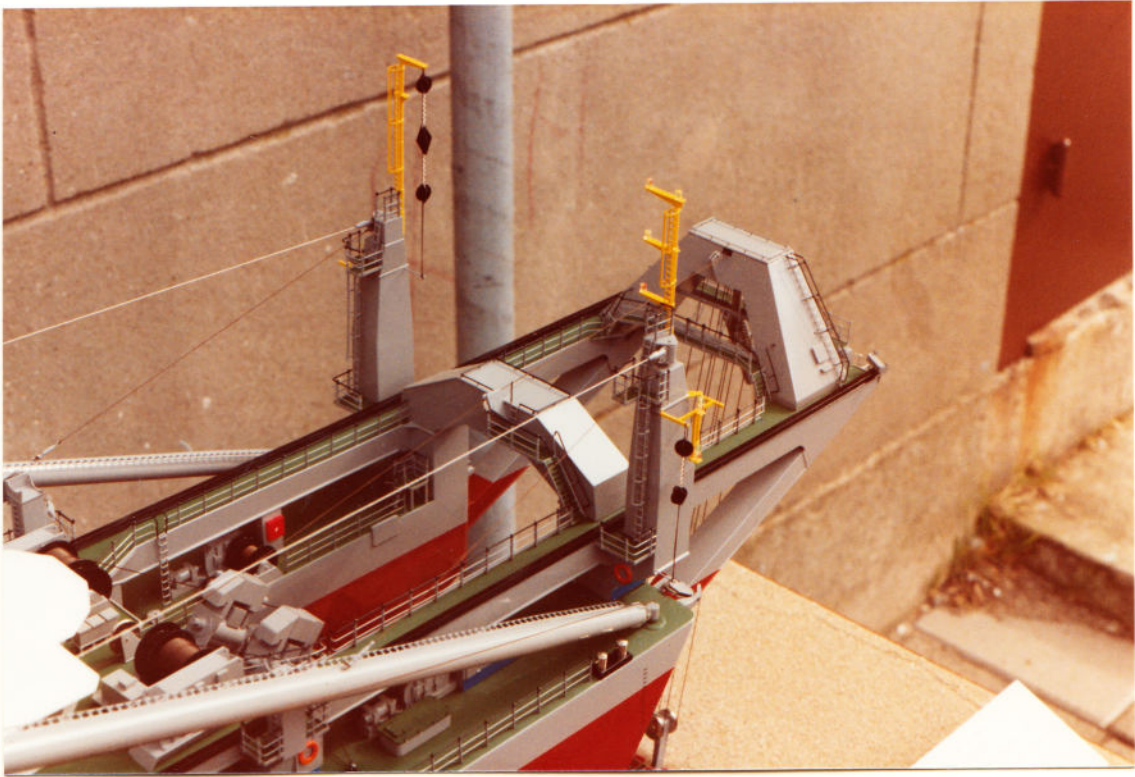


VOS
P "CASTOR"
ZIE "DELTALAND"
(ging naar Duitsland)









005

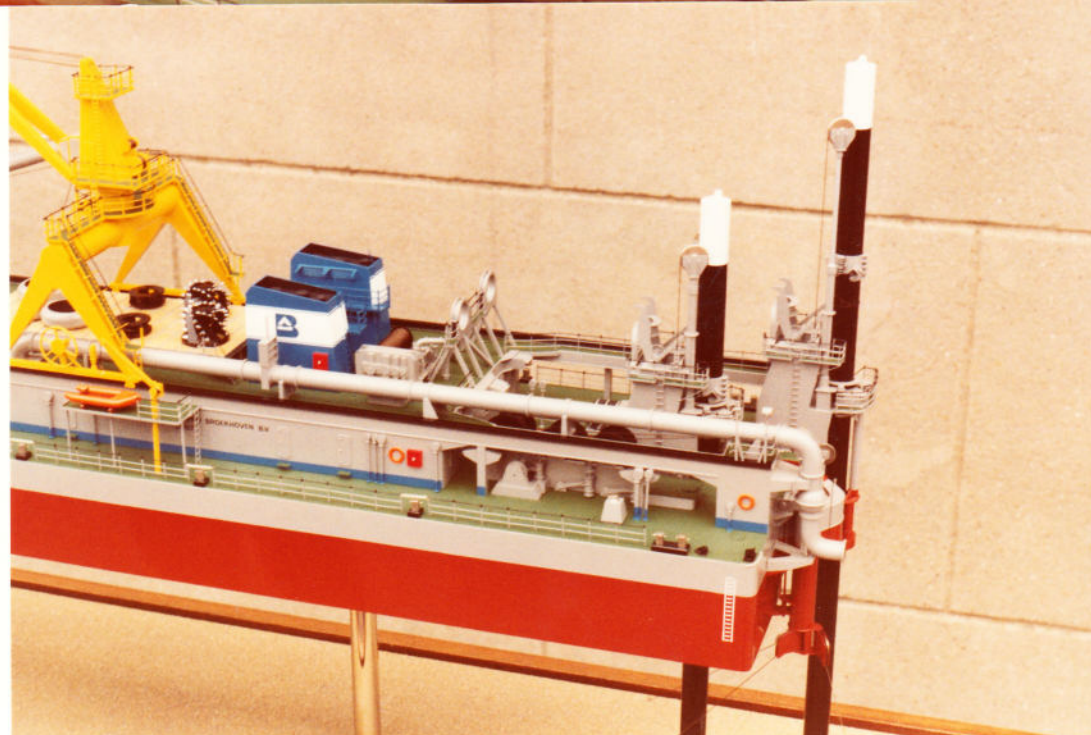
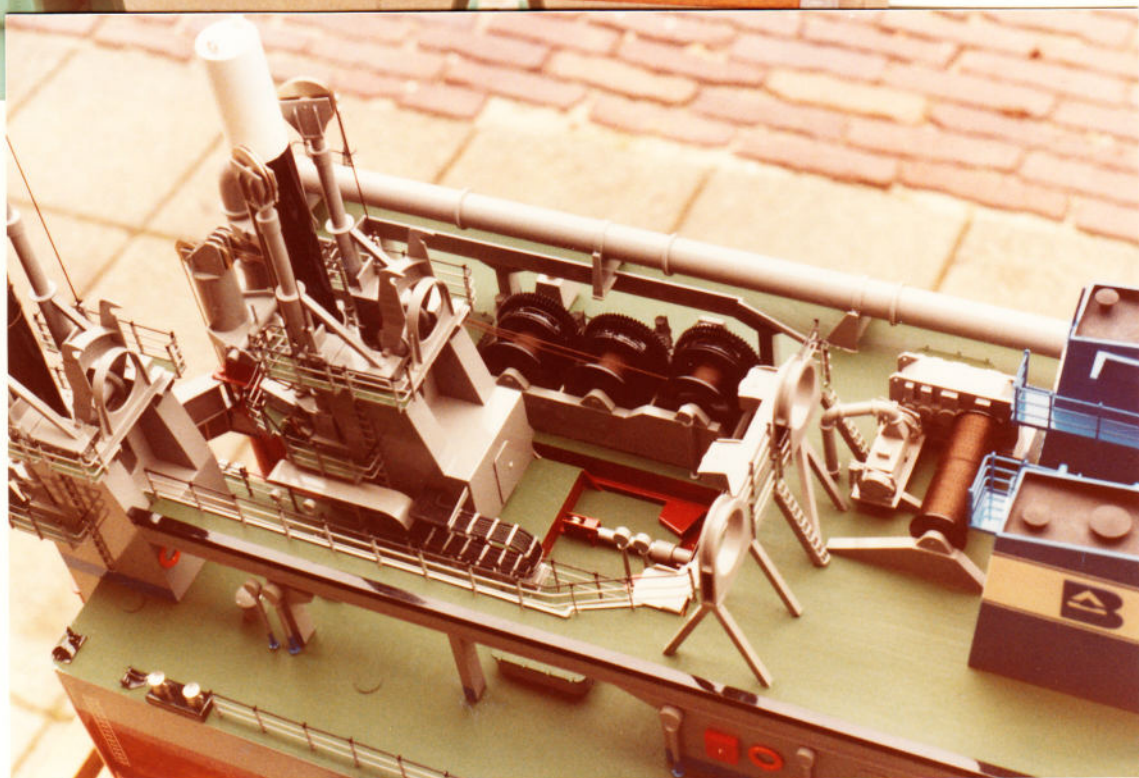
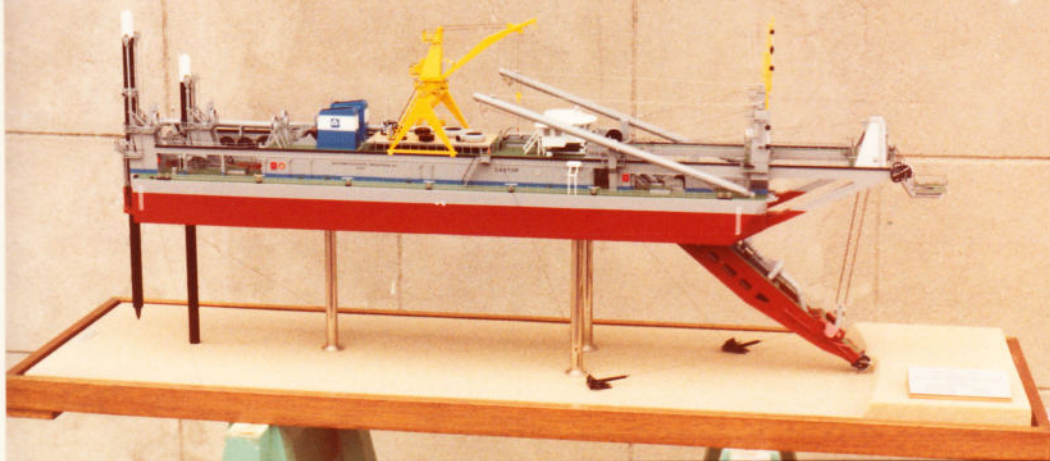
25
30
40

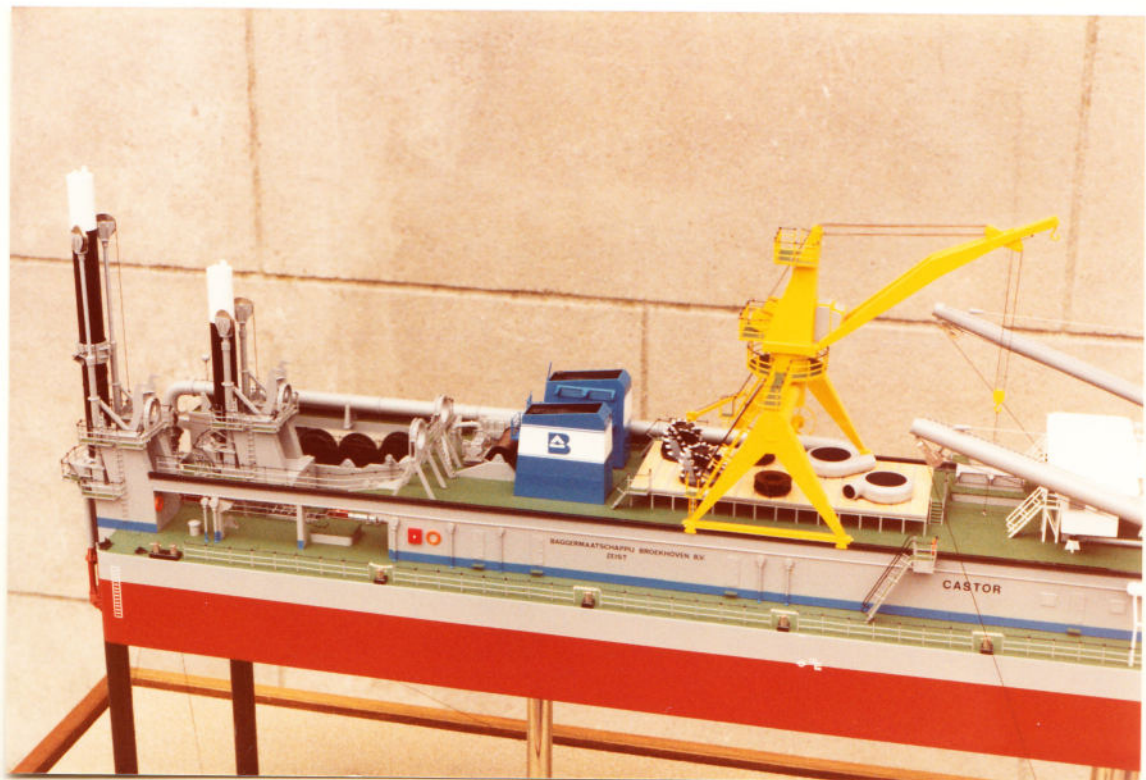
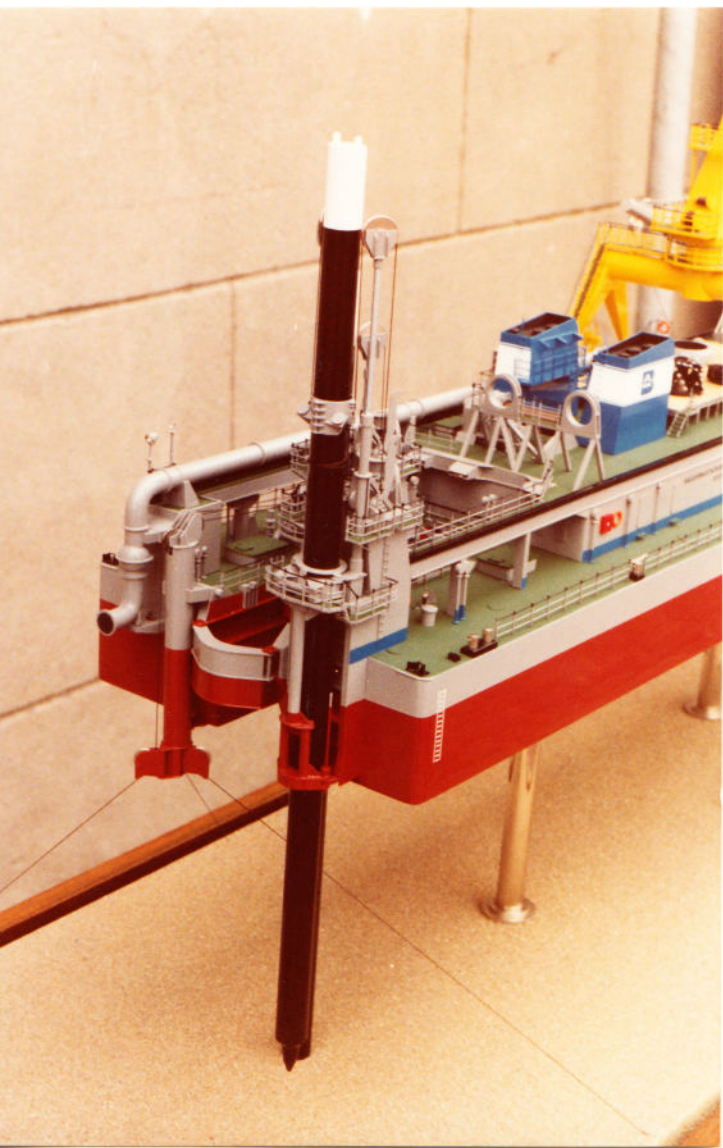
CASIOR

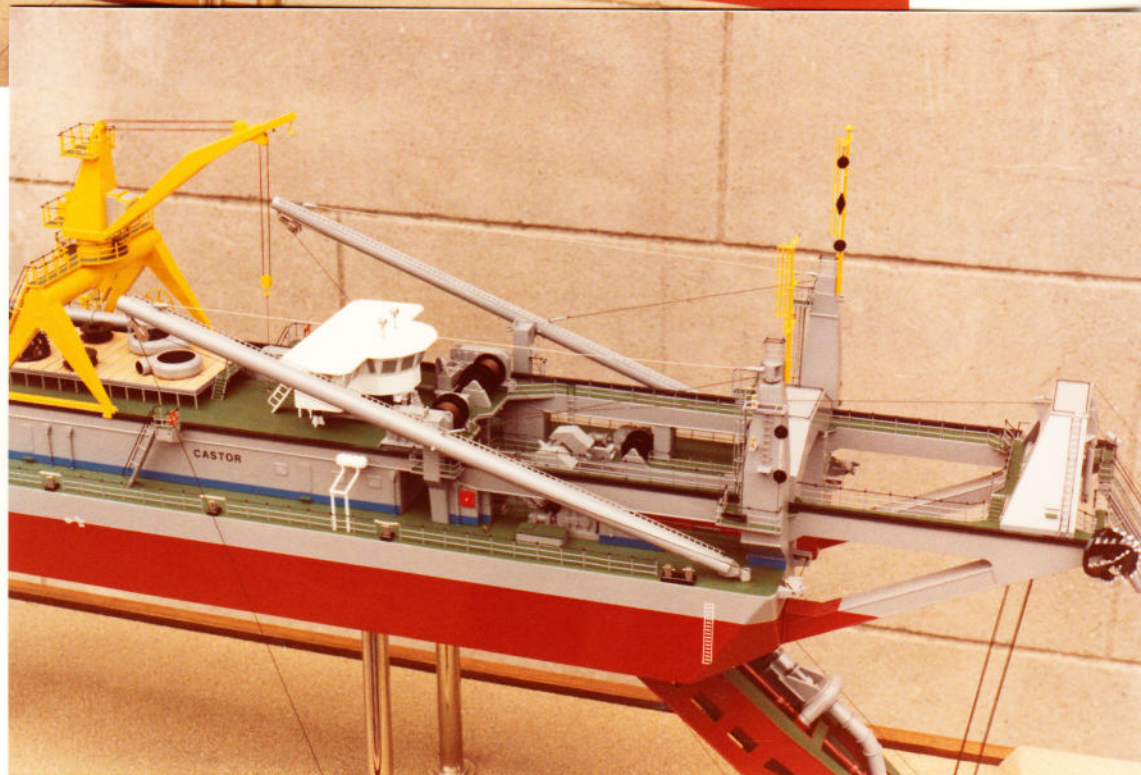
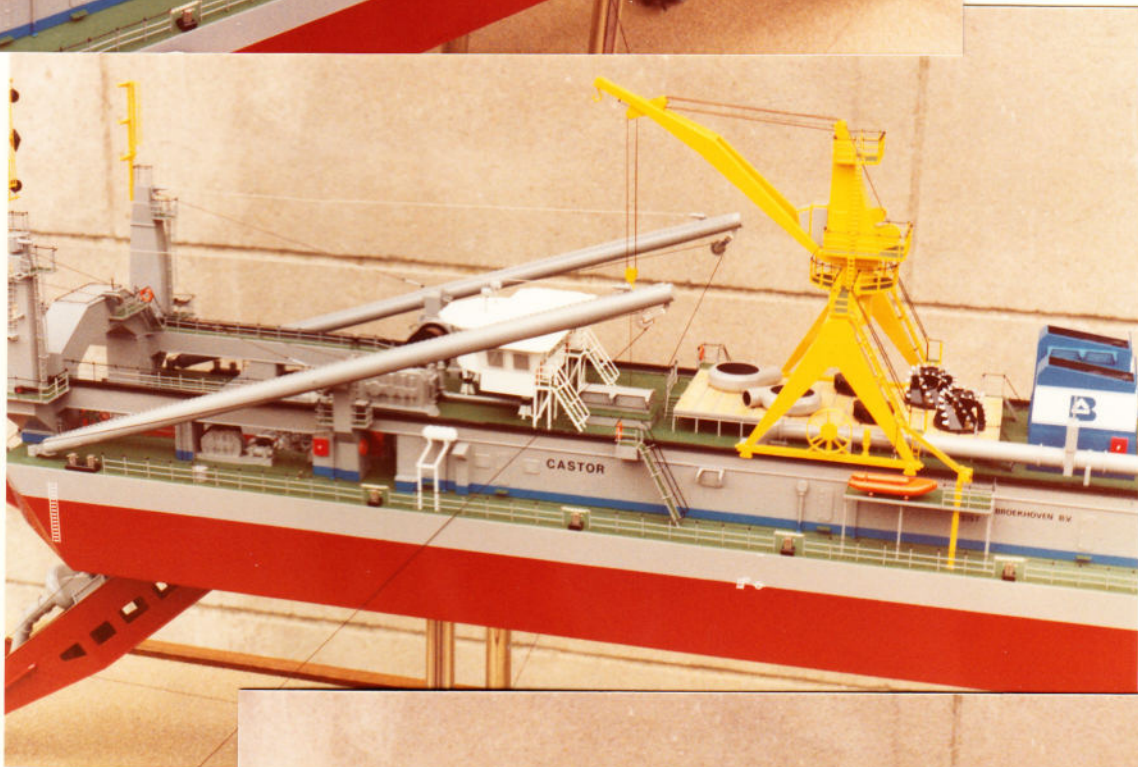
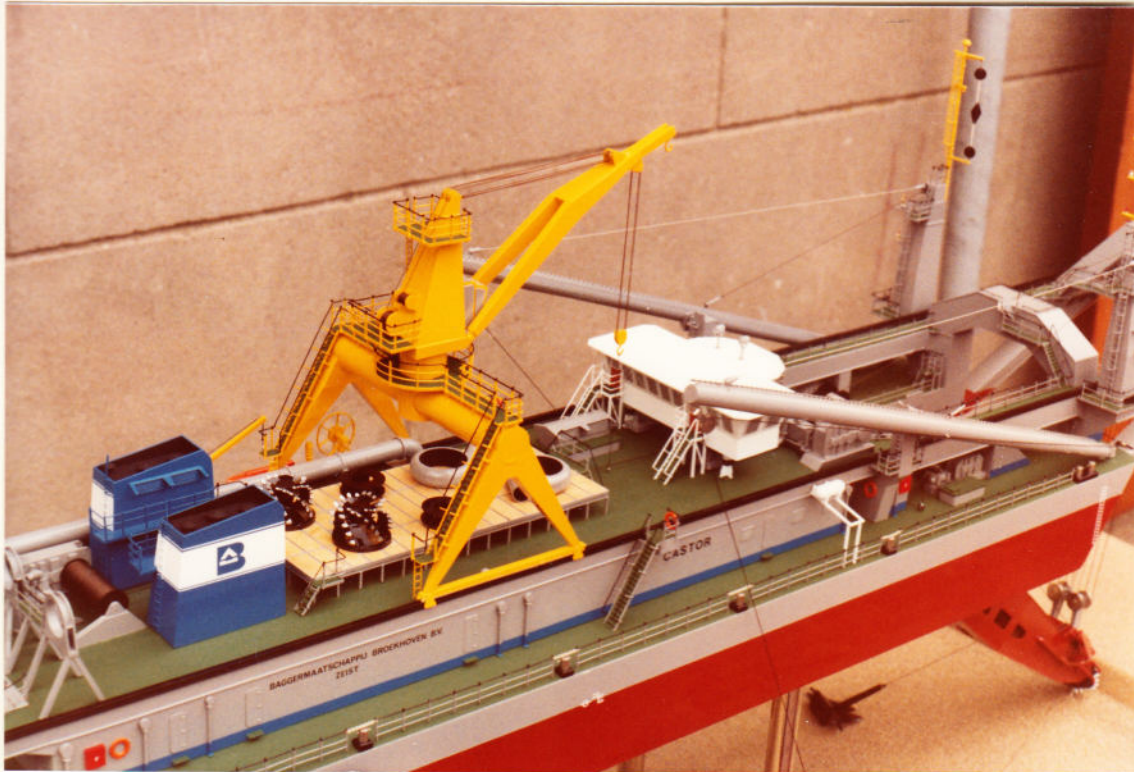
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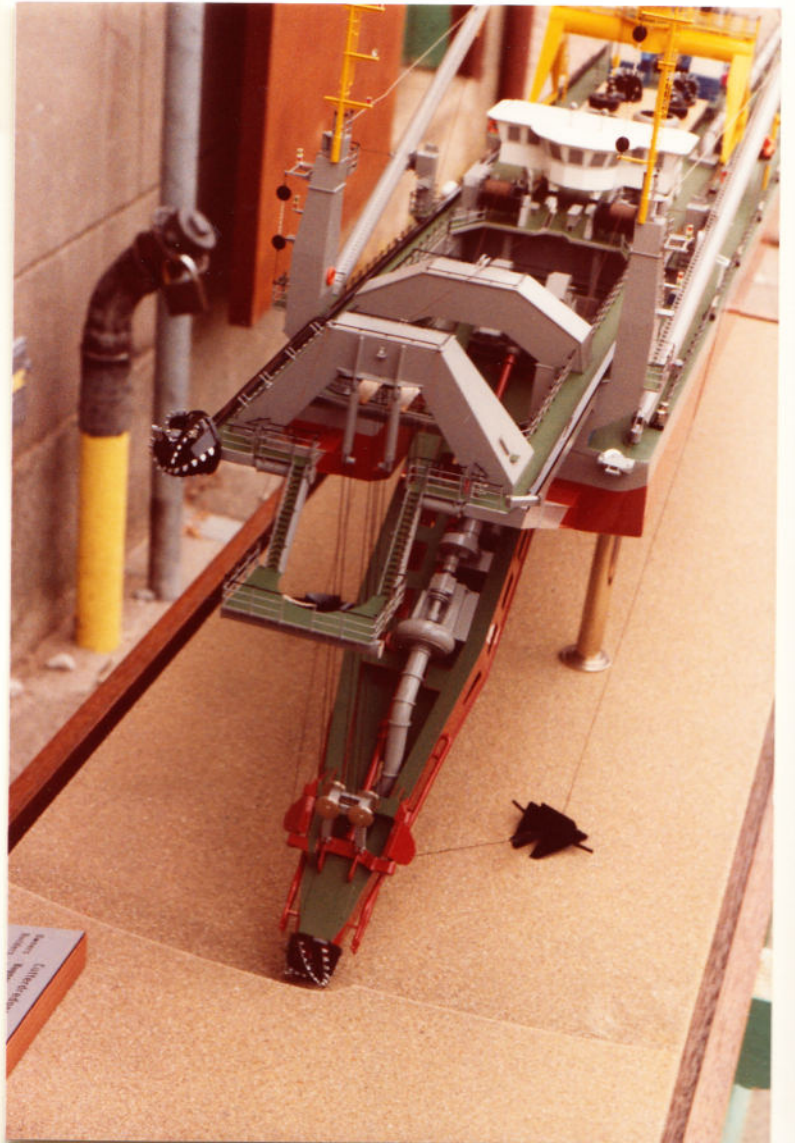
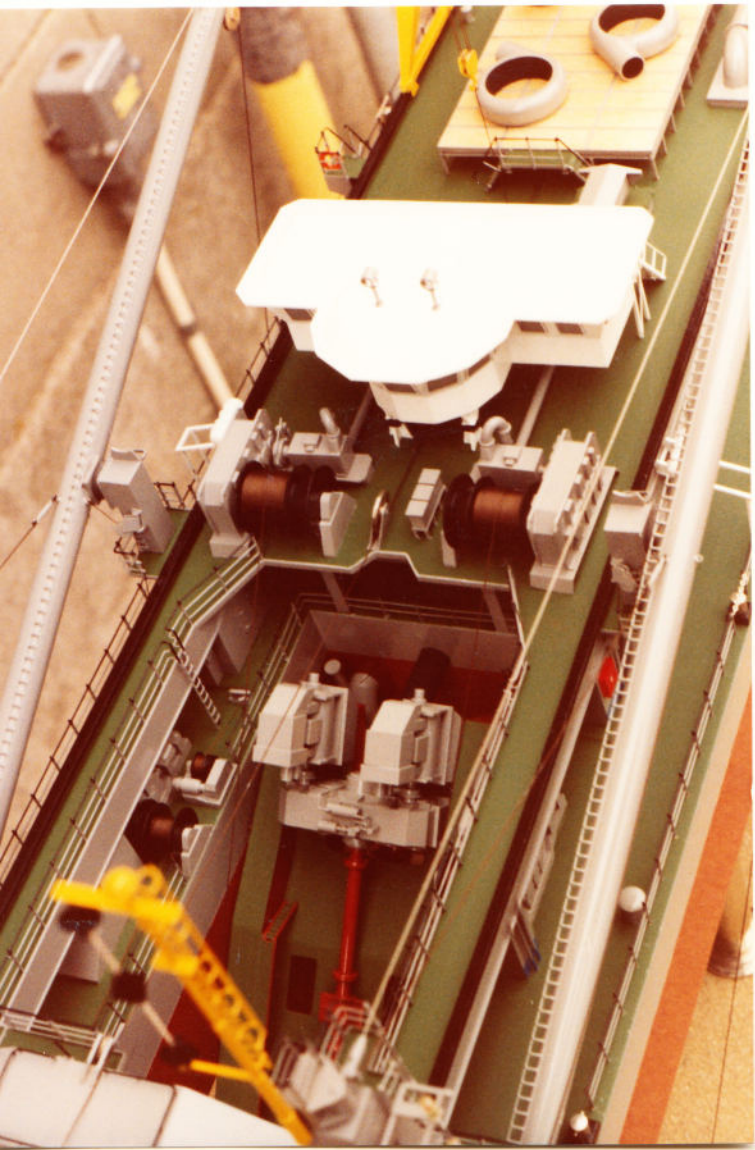
19/3/83

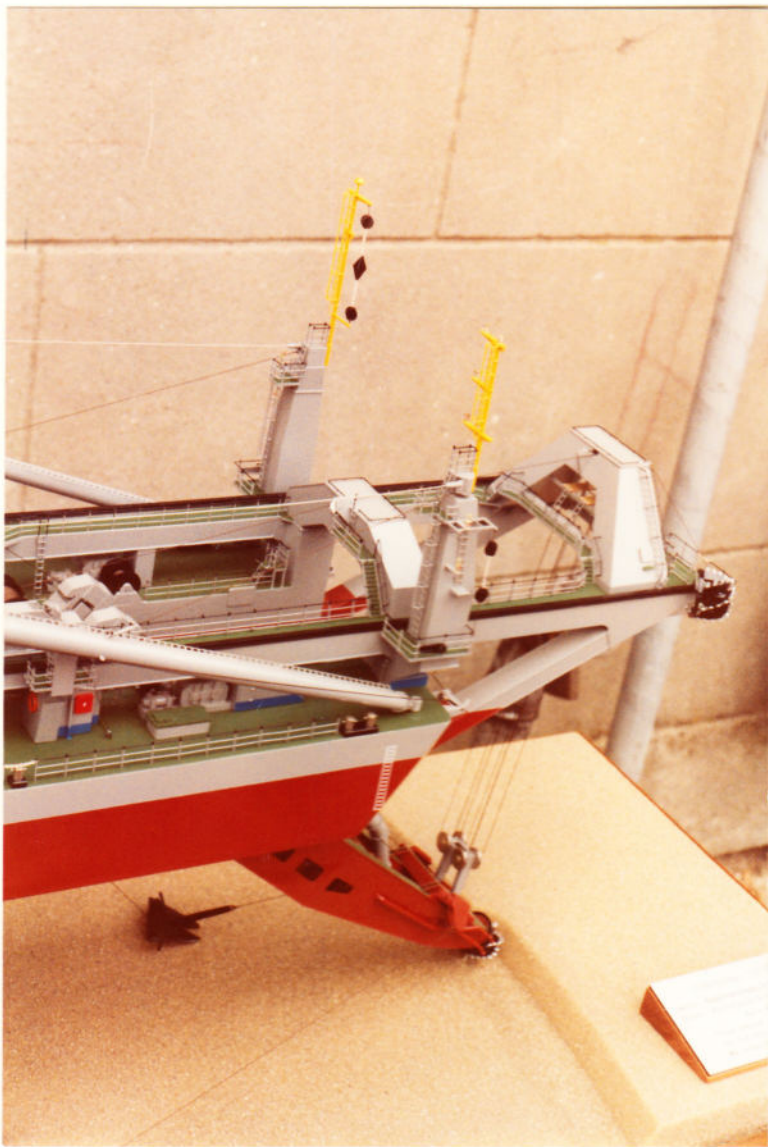
stoped 2183 3/4

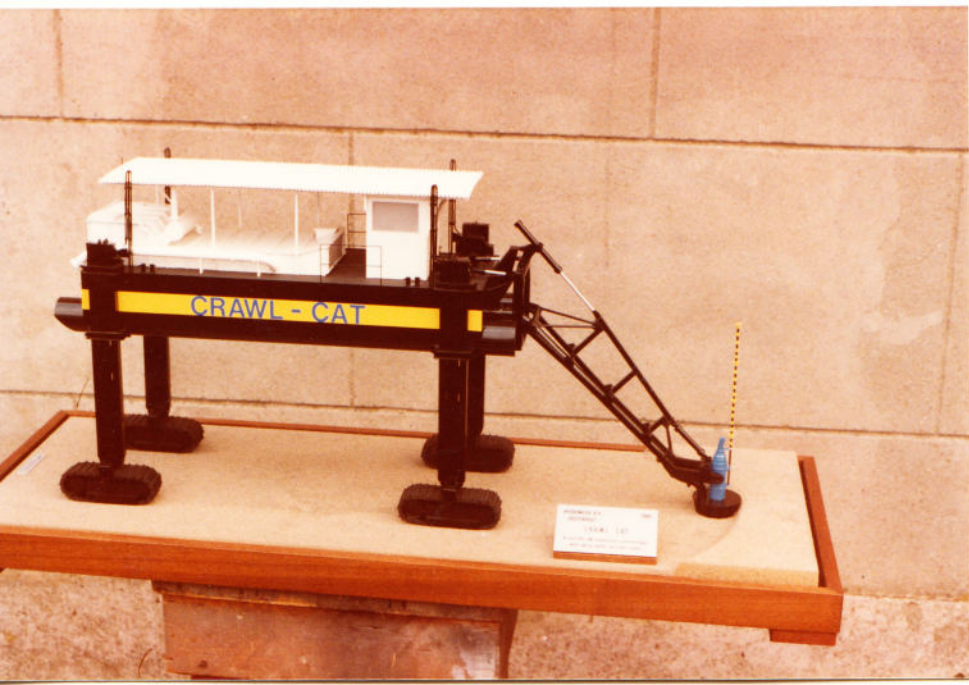






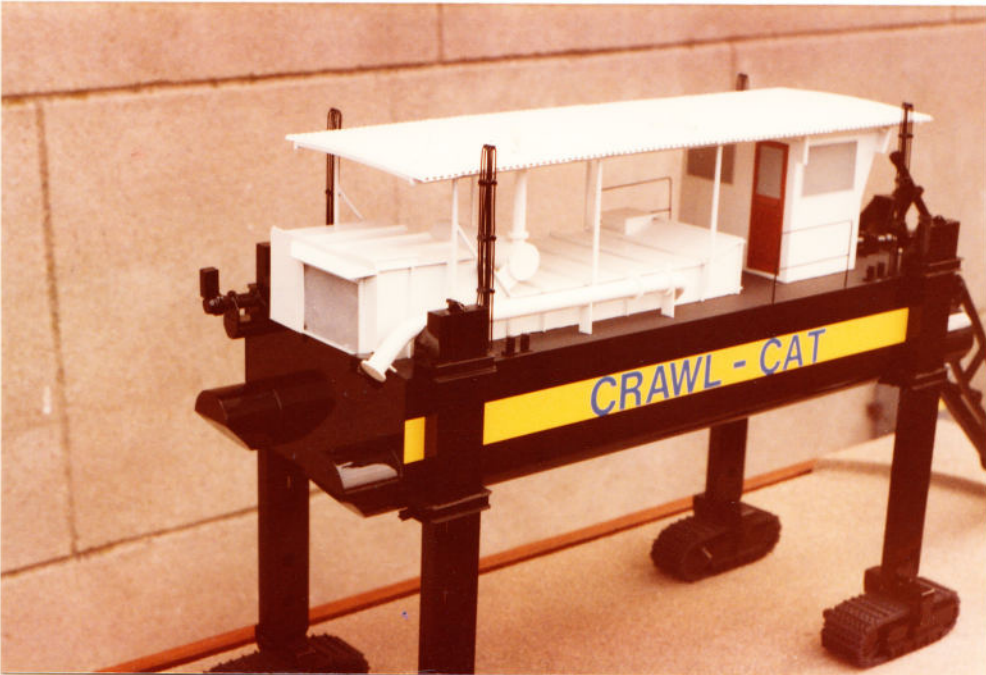


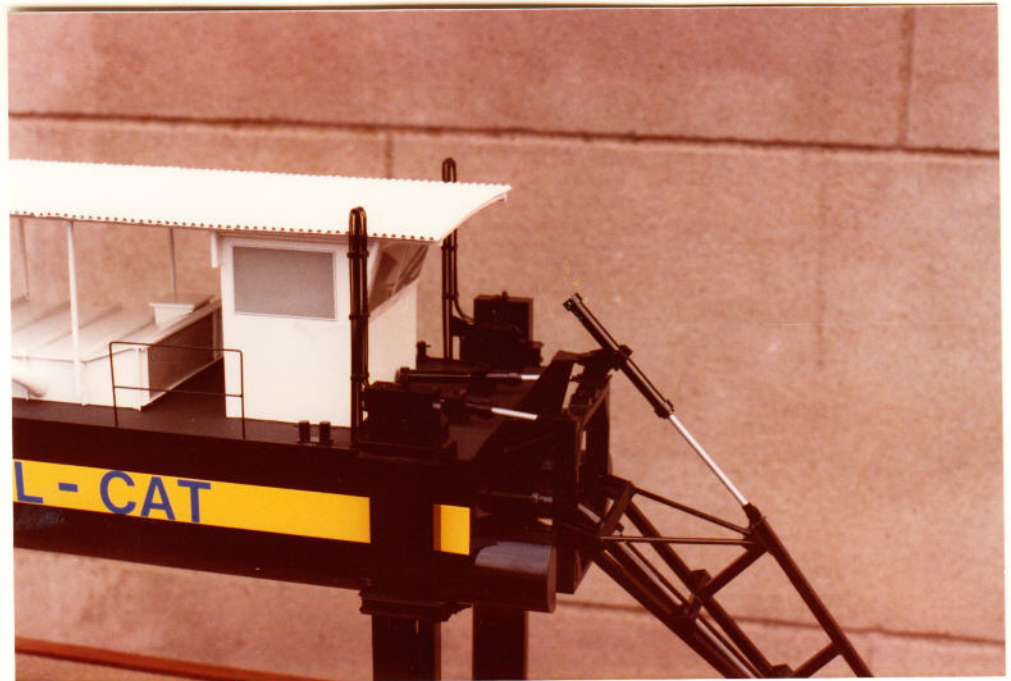
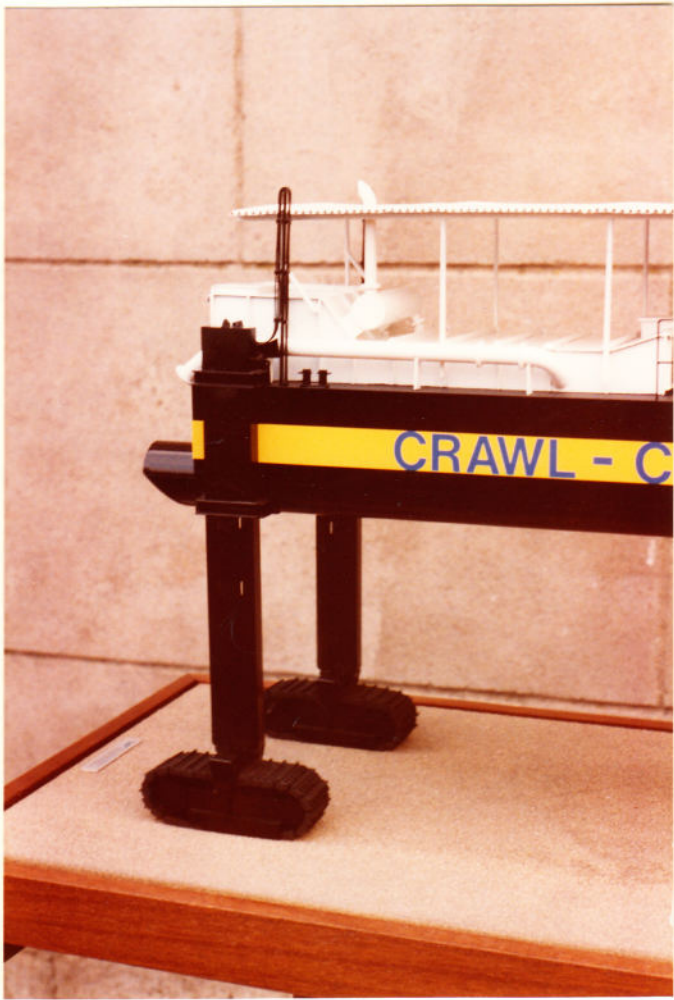


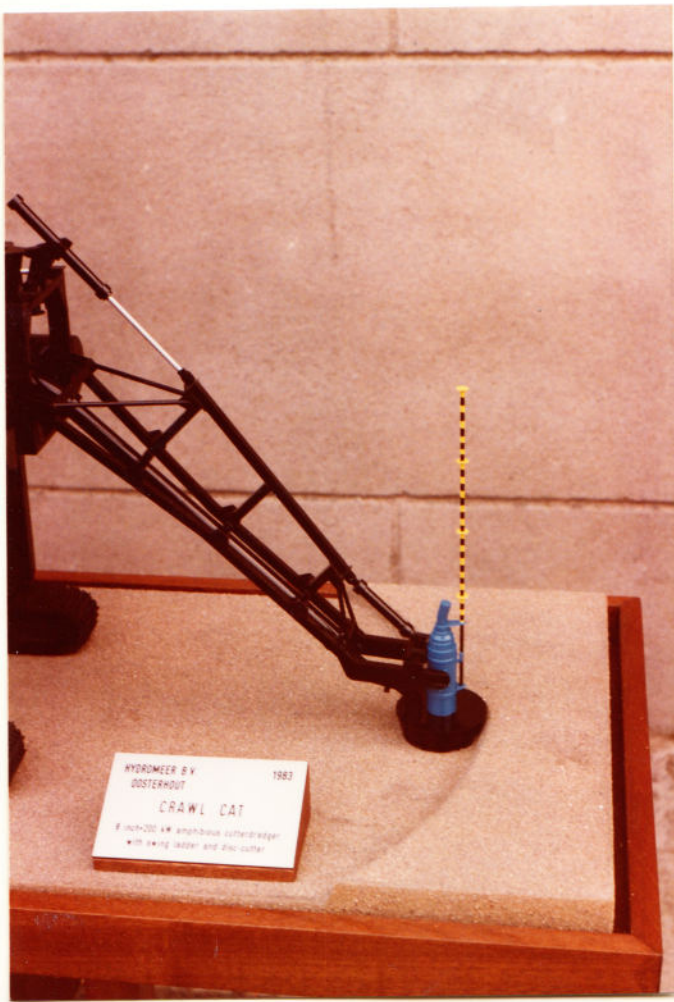


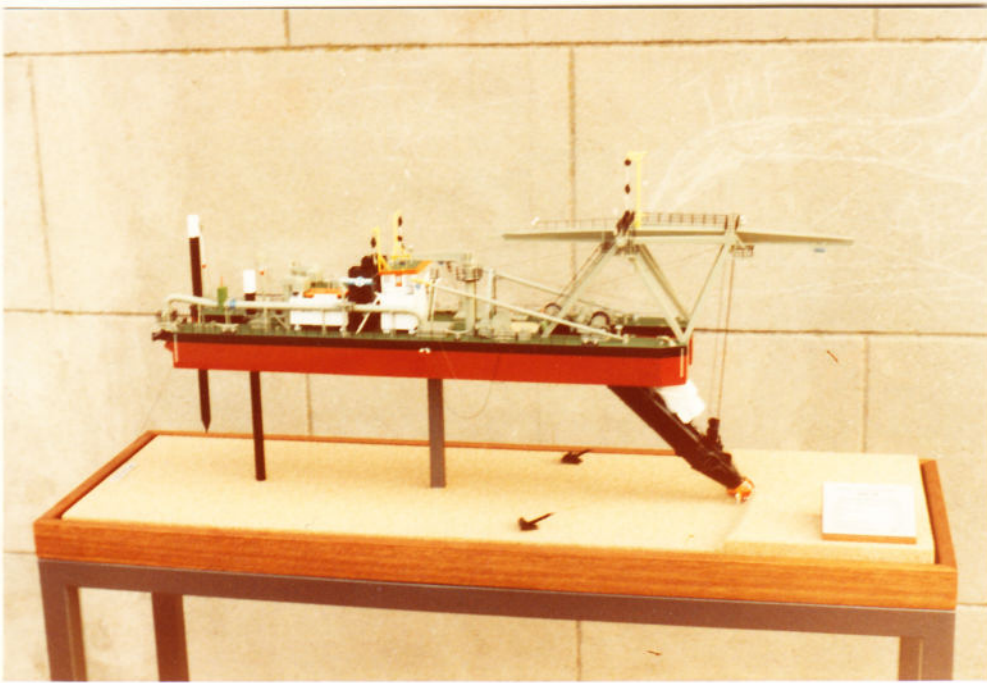
CRAWL-CAT
AMPHIB-CUTTER ZWISER

1:25
4-11-83
VON HYDROWECA
212 mm (incl. list).









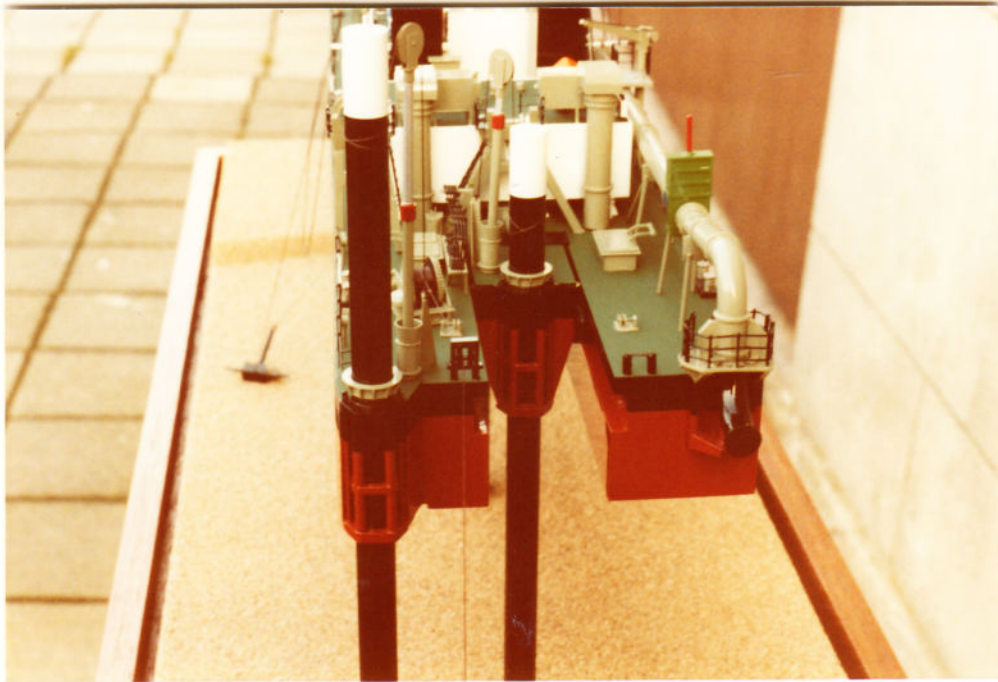
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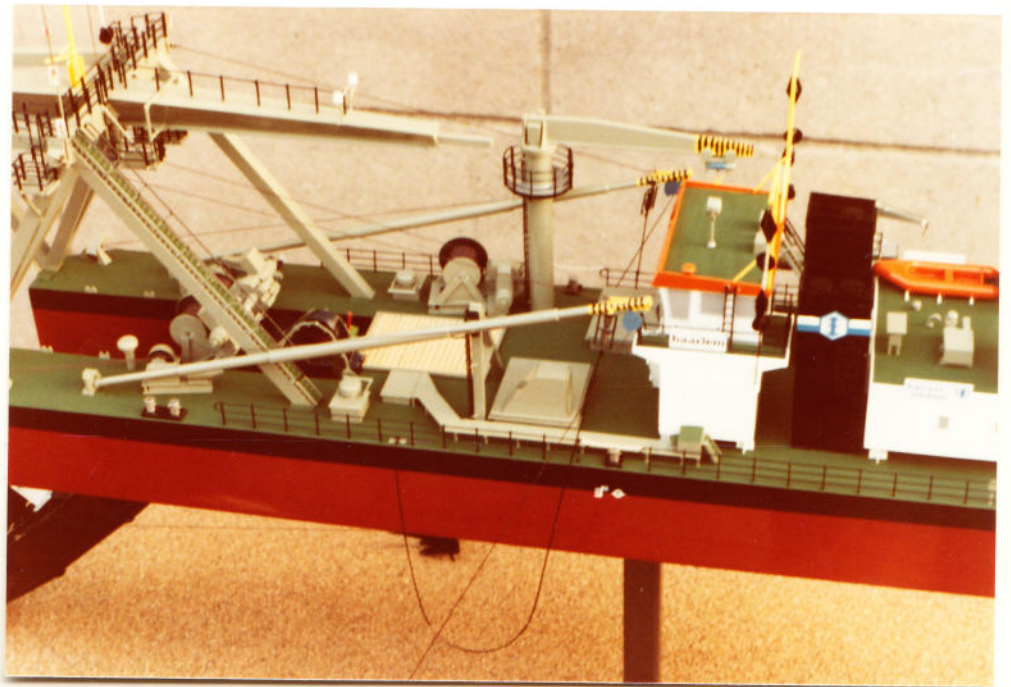
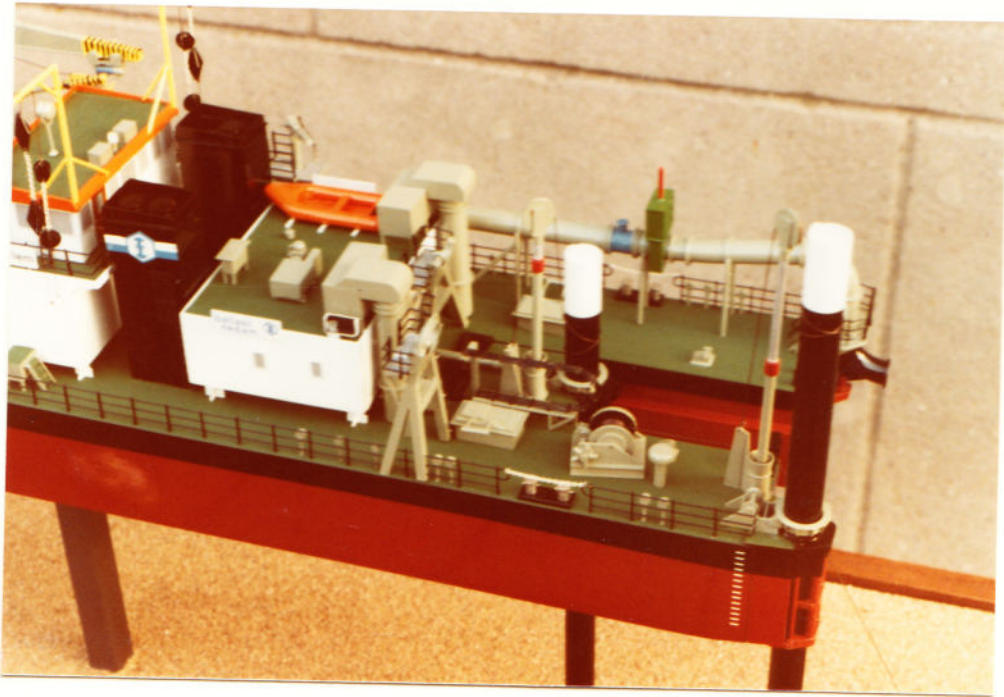
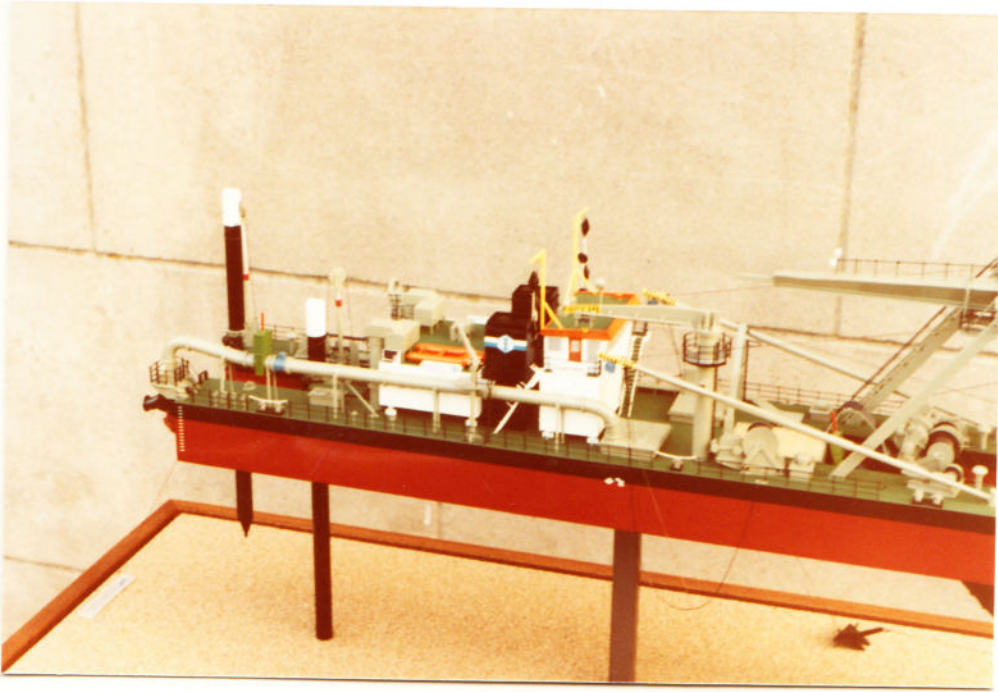
"HAARLEM"

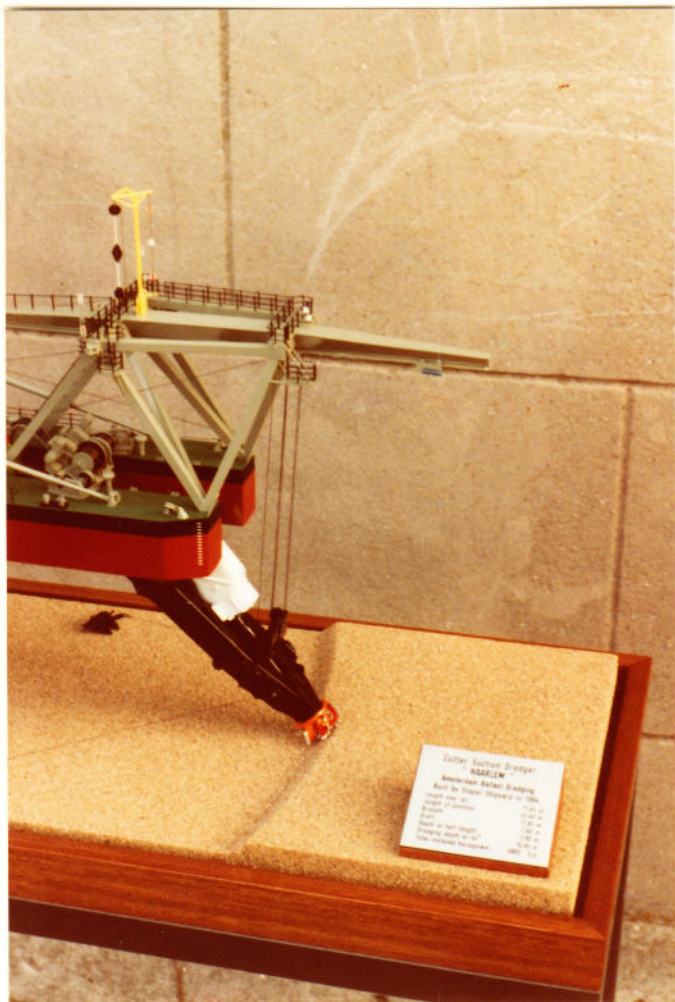
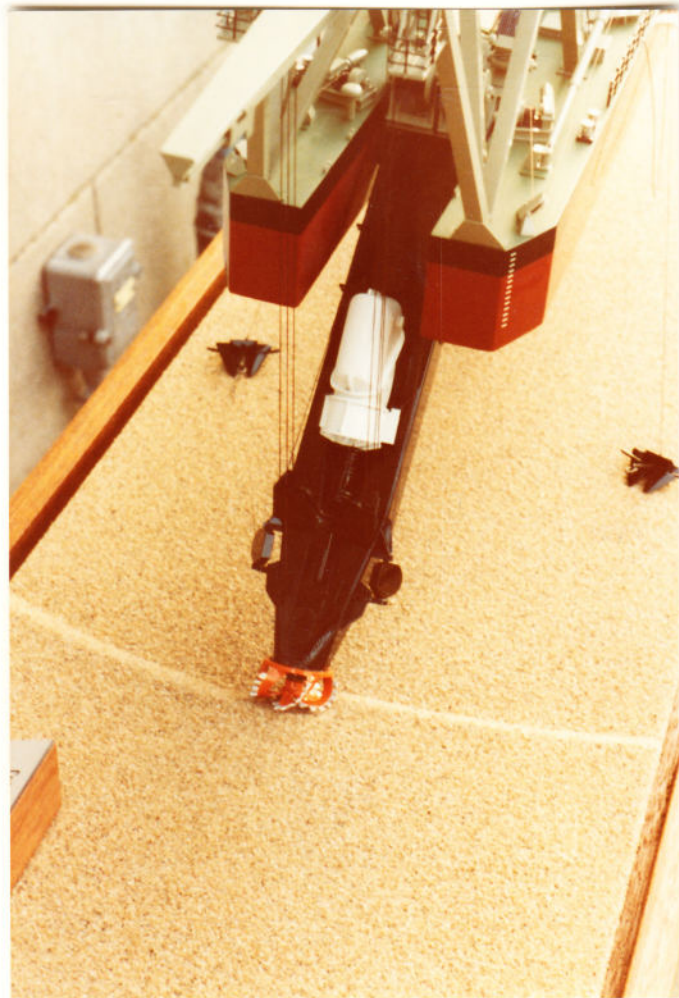
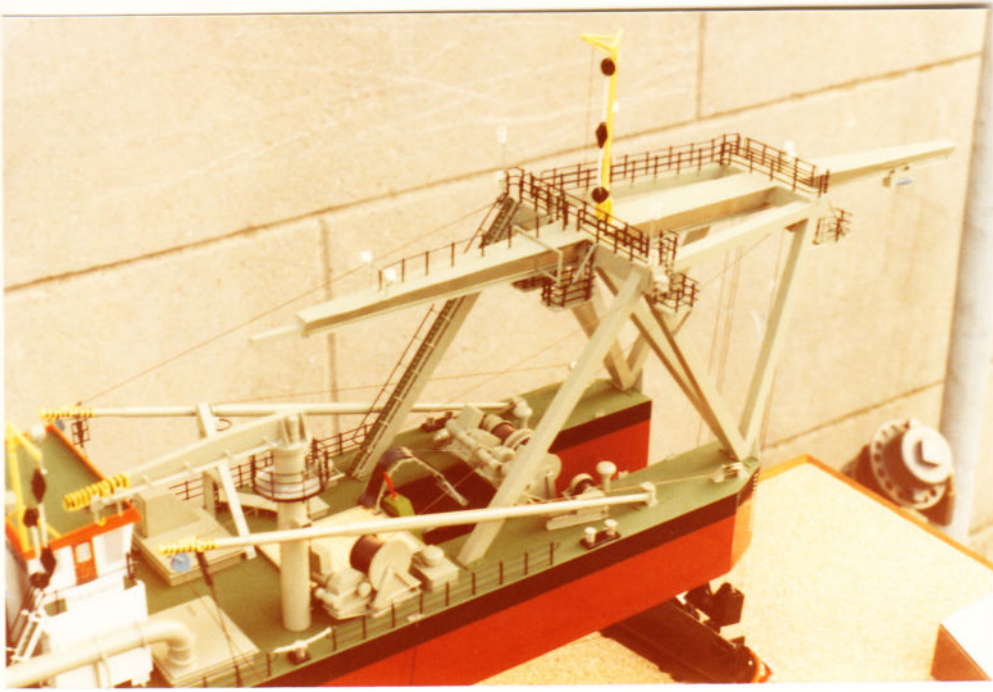
1:100

292 mm

20/10/84







STAPEL

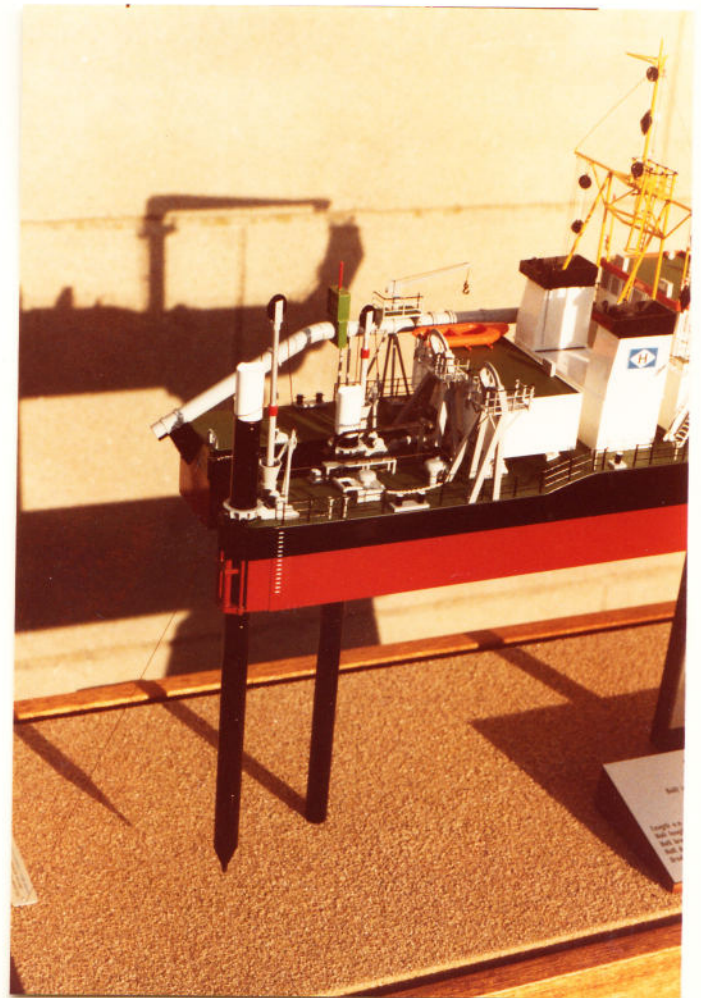
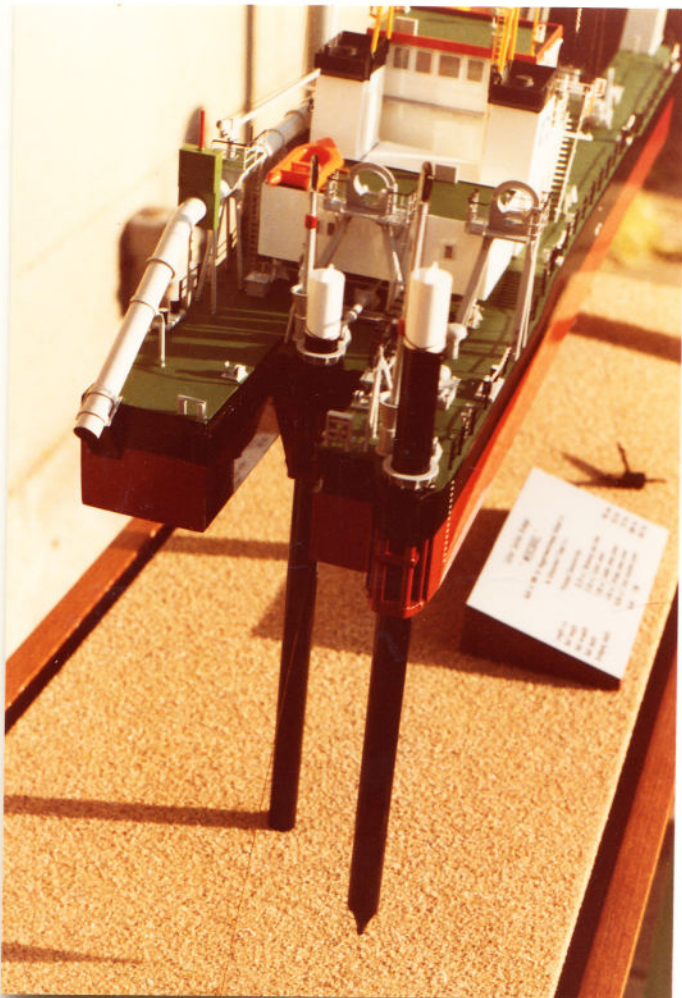
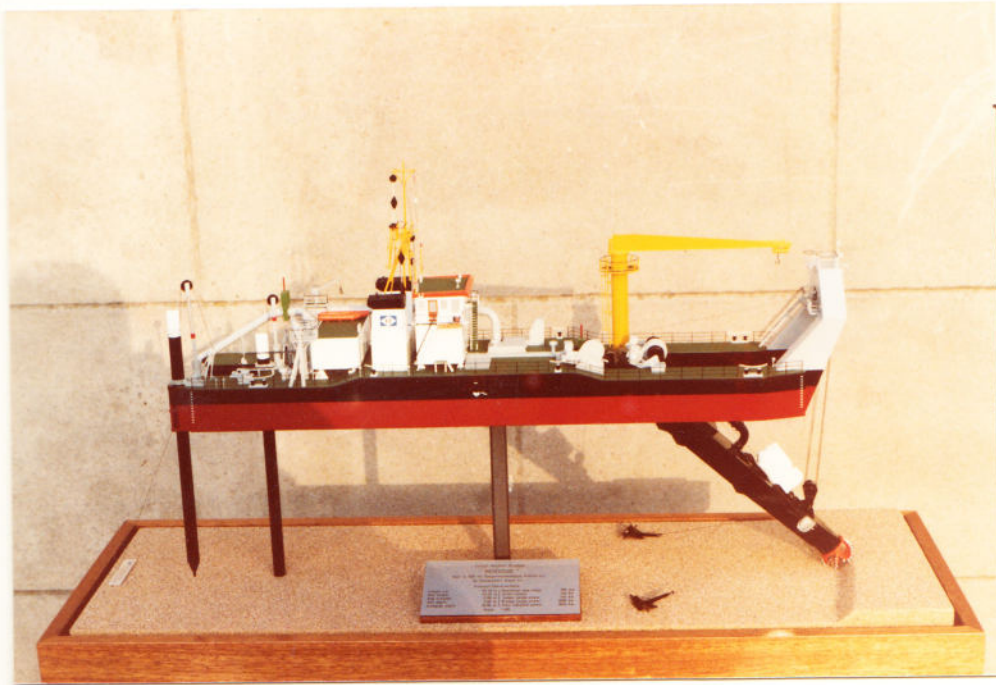
'MERCURIUS'

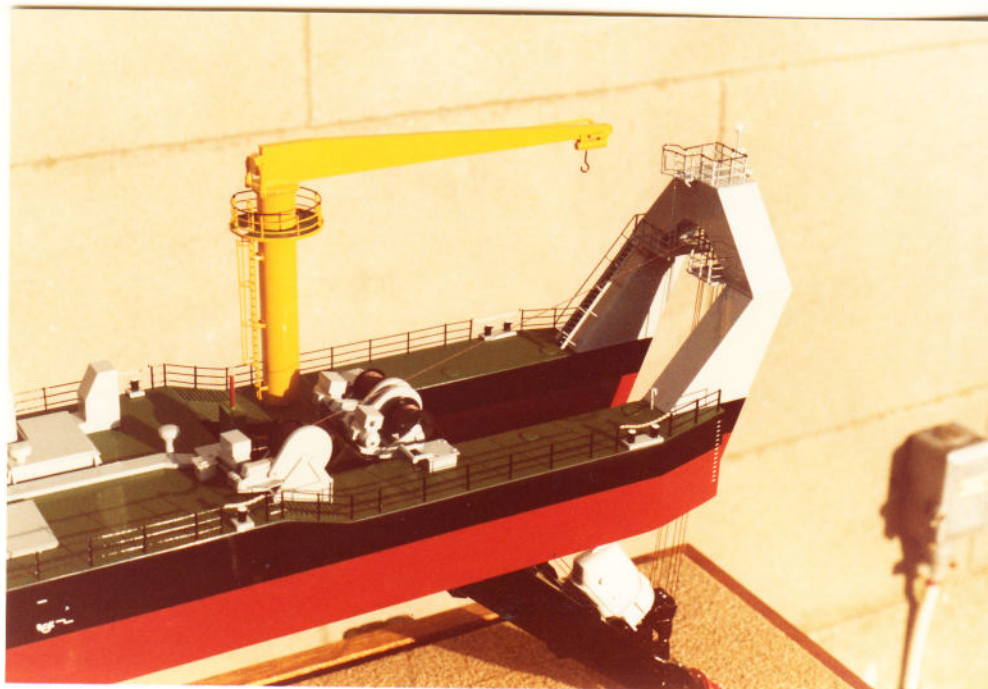
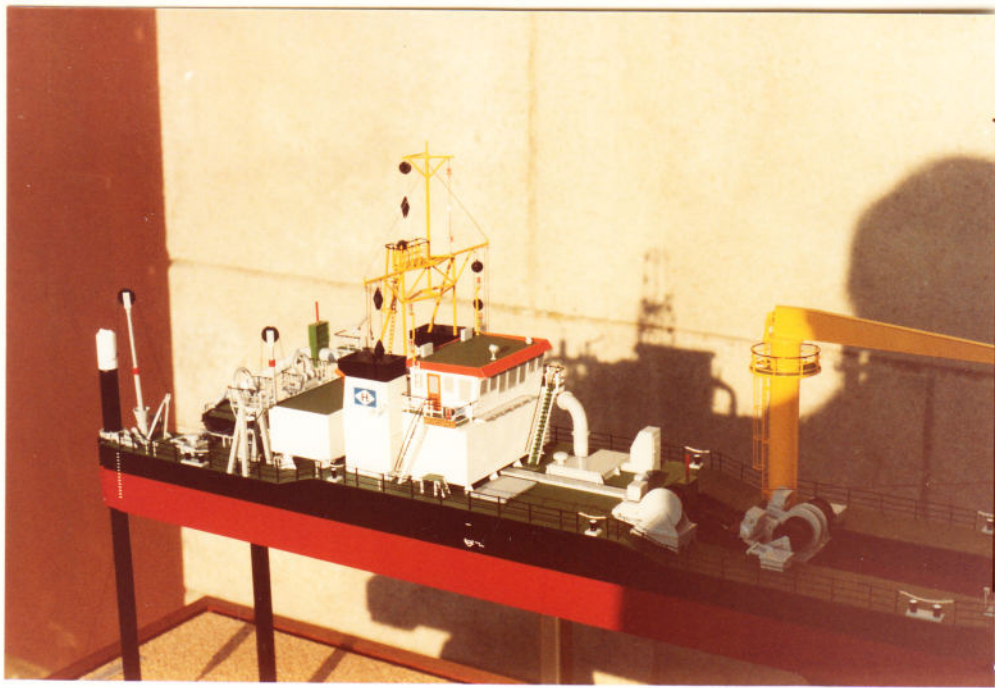
2x

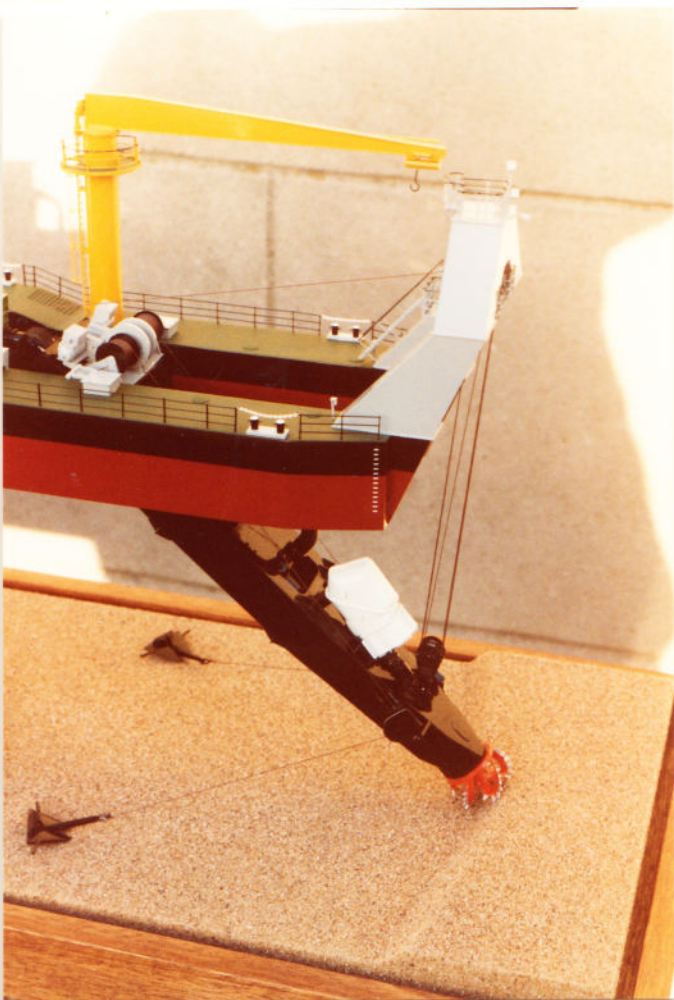
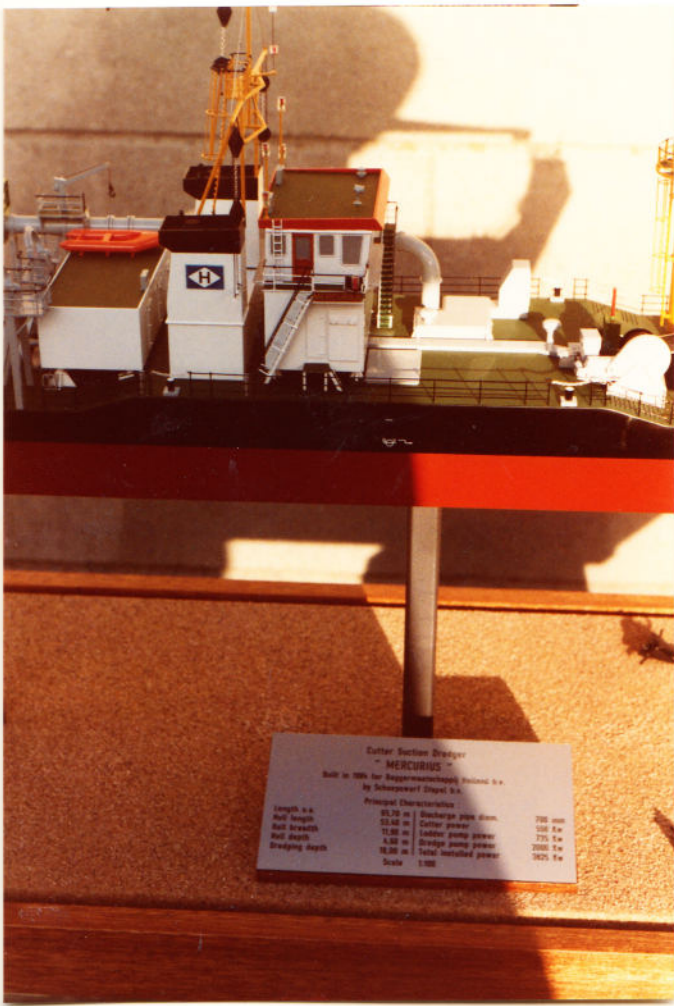
1:100

27/1/84

489 wur.





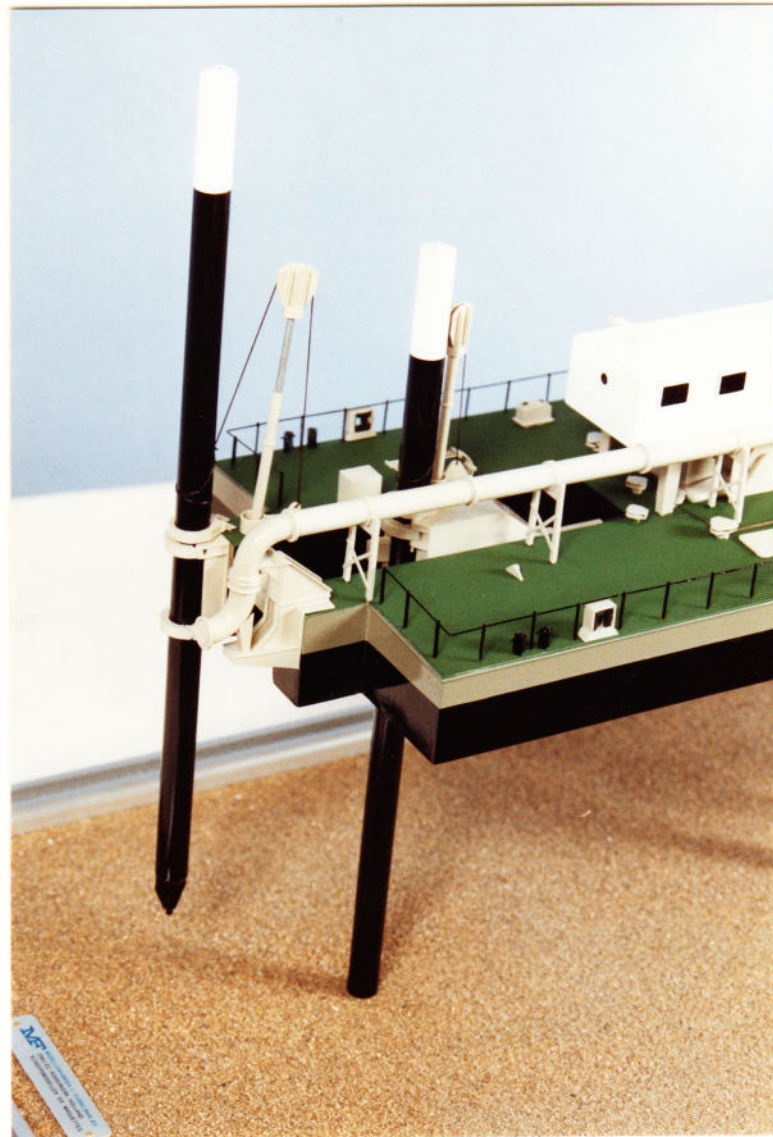
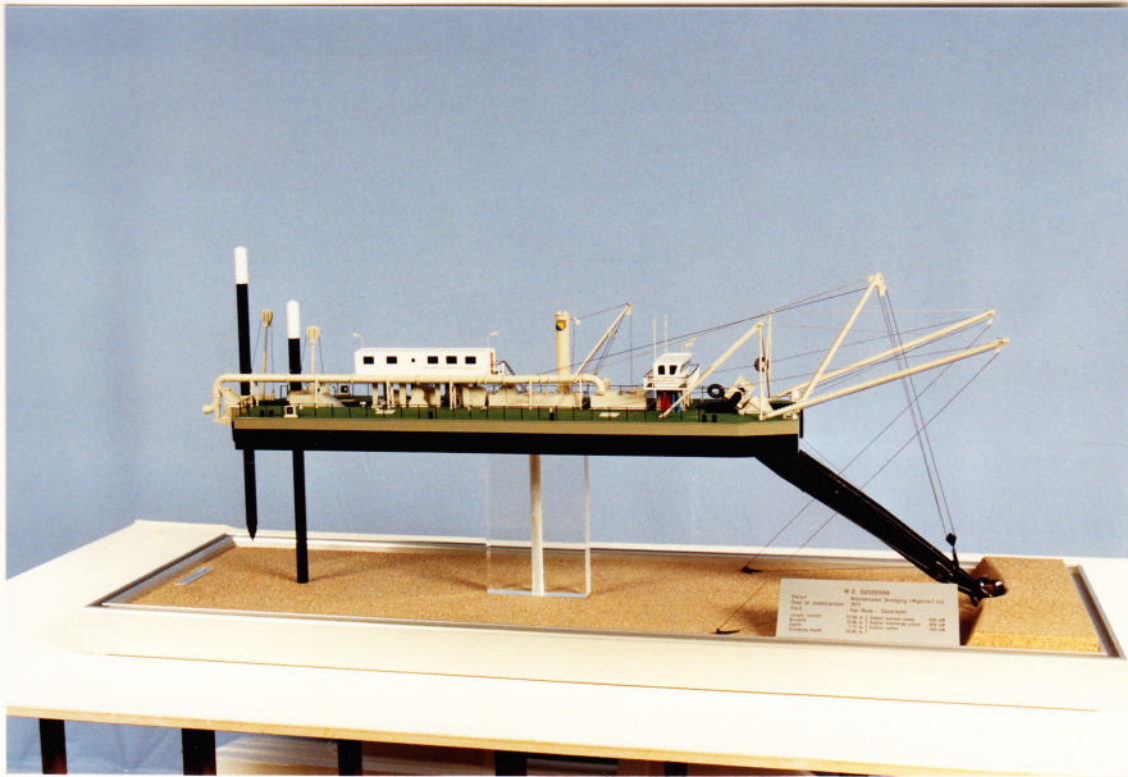


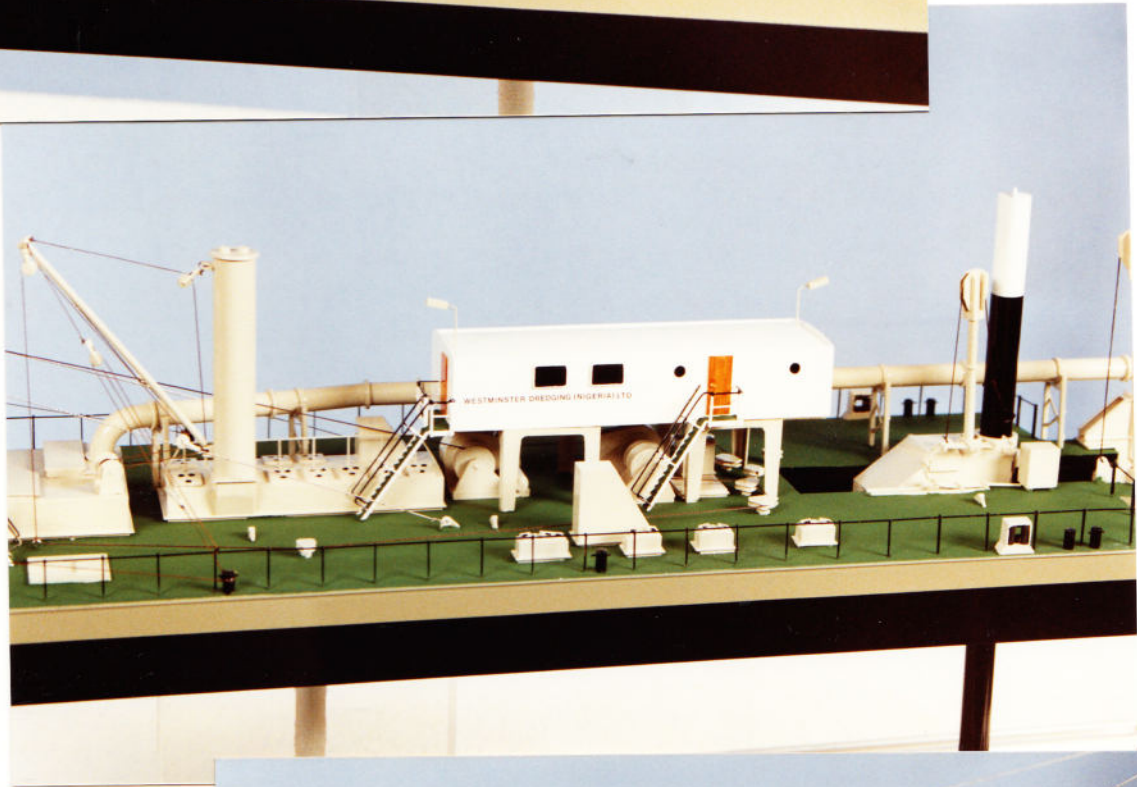
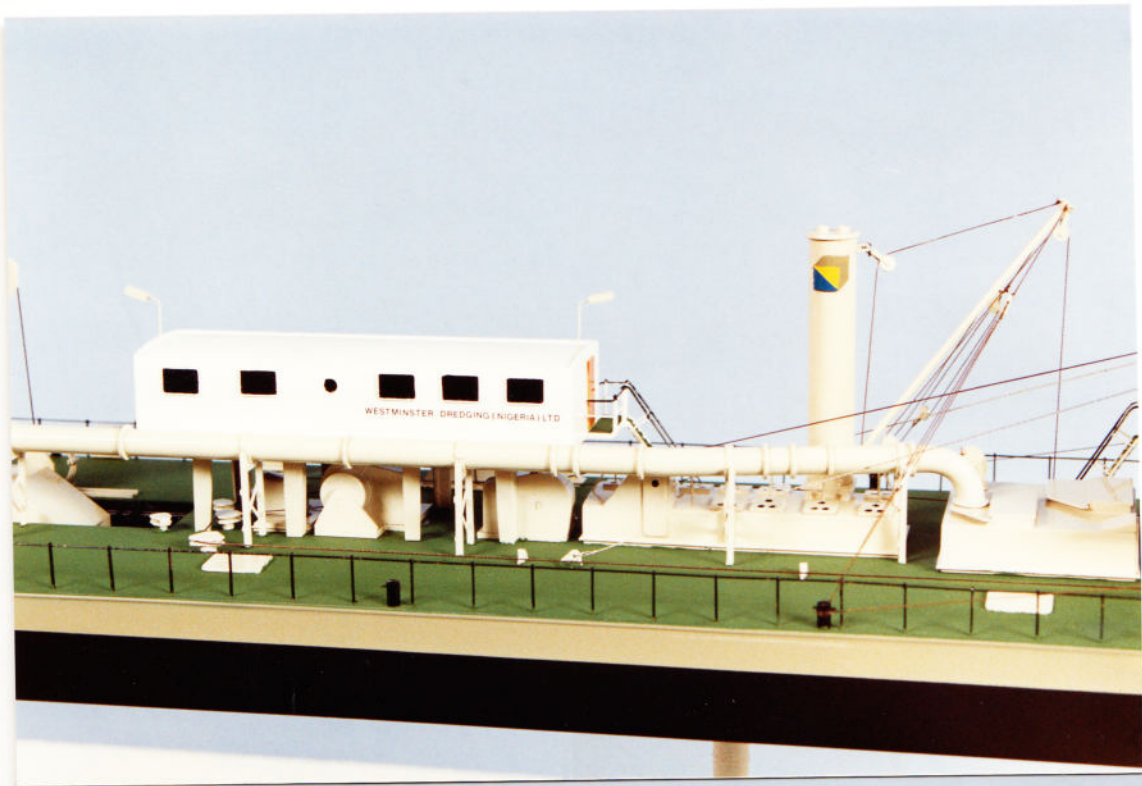
BOS KALIS
(NIGERIA).

1:100
GOUDEKAK.

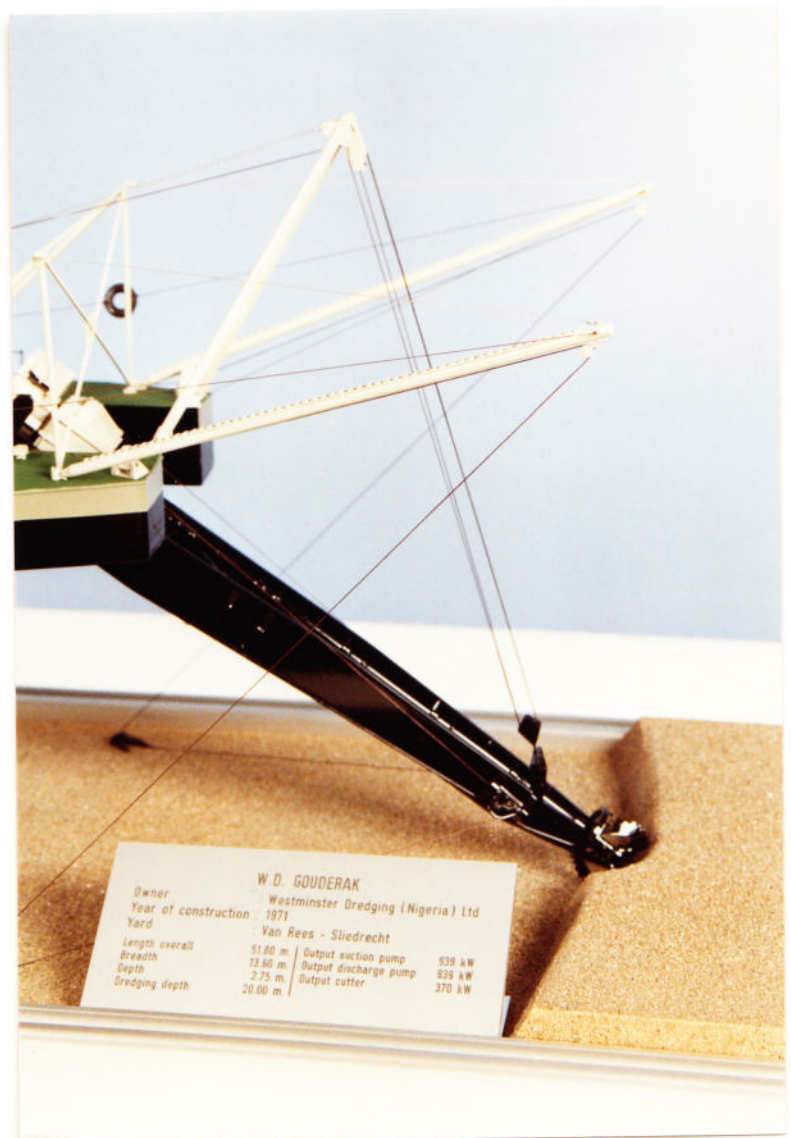
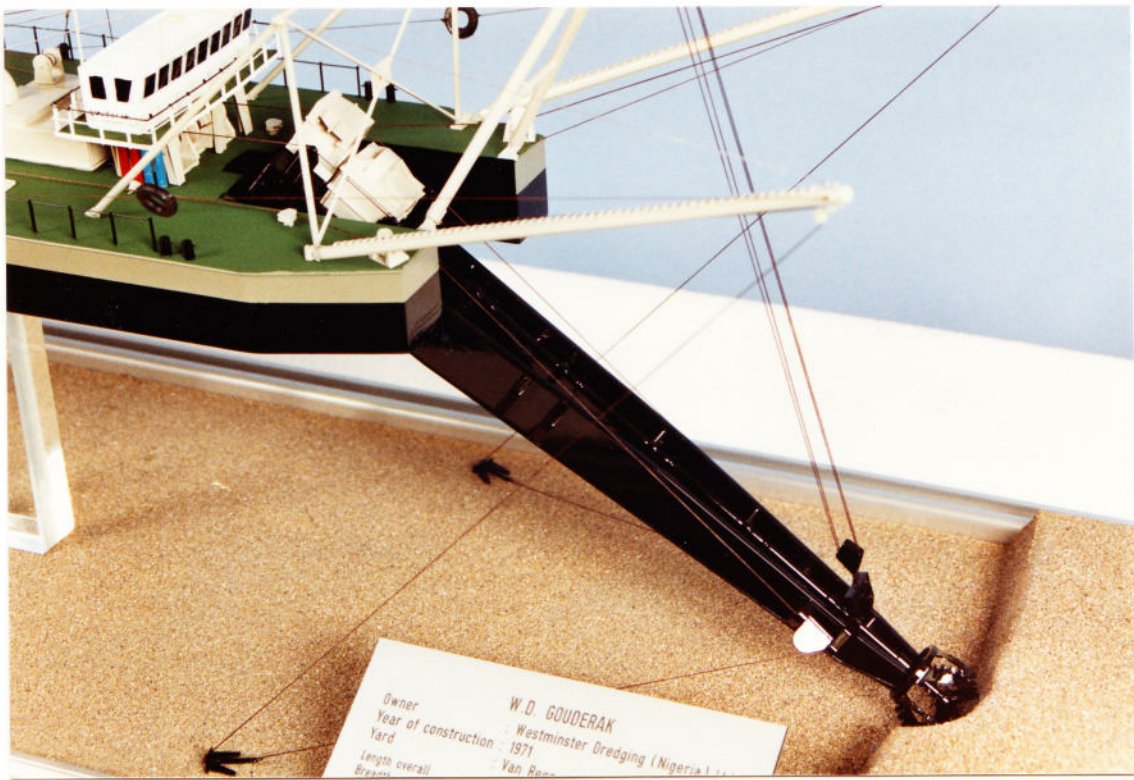
26/01/89

148 mm.









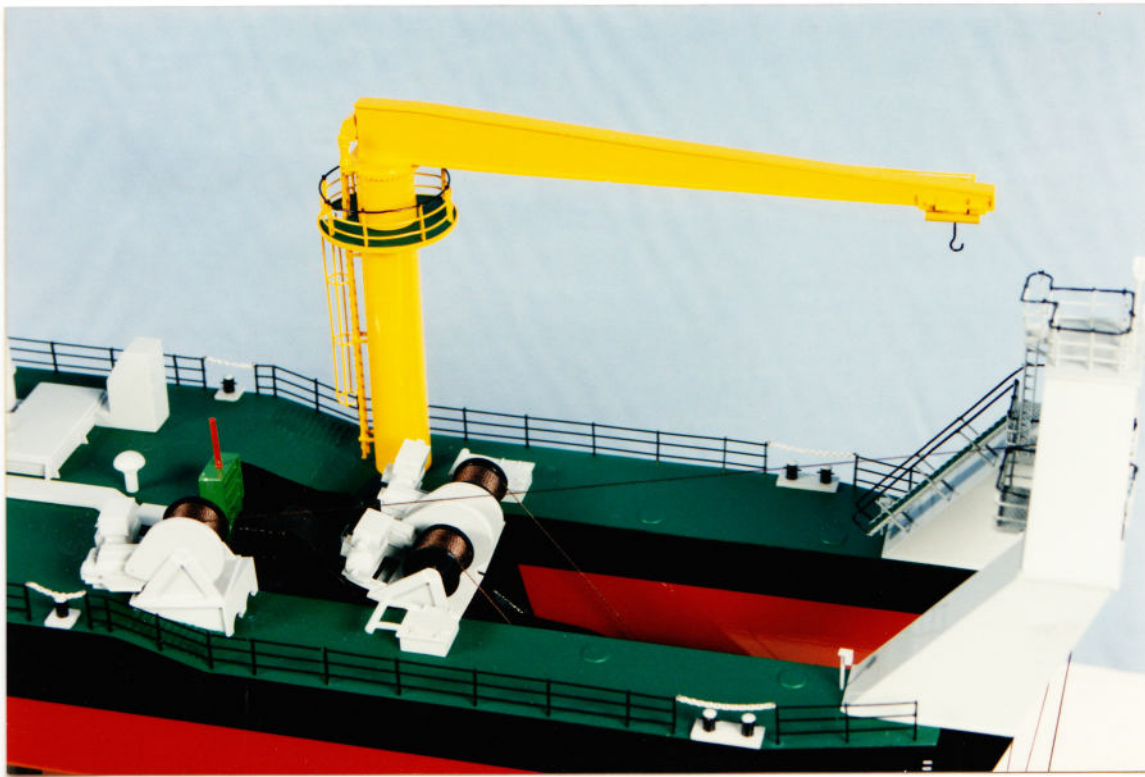
ZIE STAPEL
27-11-1984

Boeg. "HOLLAND"
HARDINVELD
1:100
1x
NAGEBOUWD VAN M.
STAPEL.
11/6/93
182 uur.







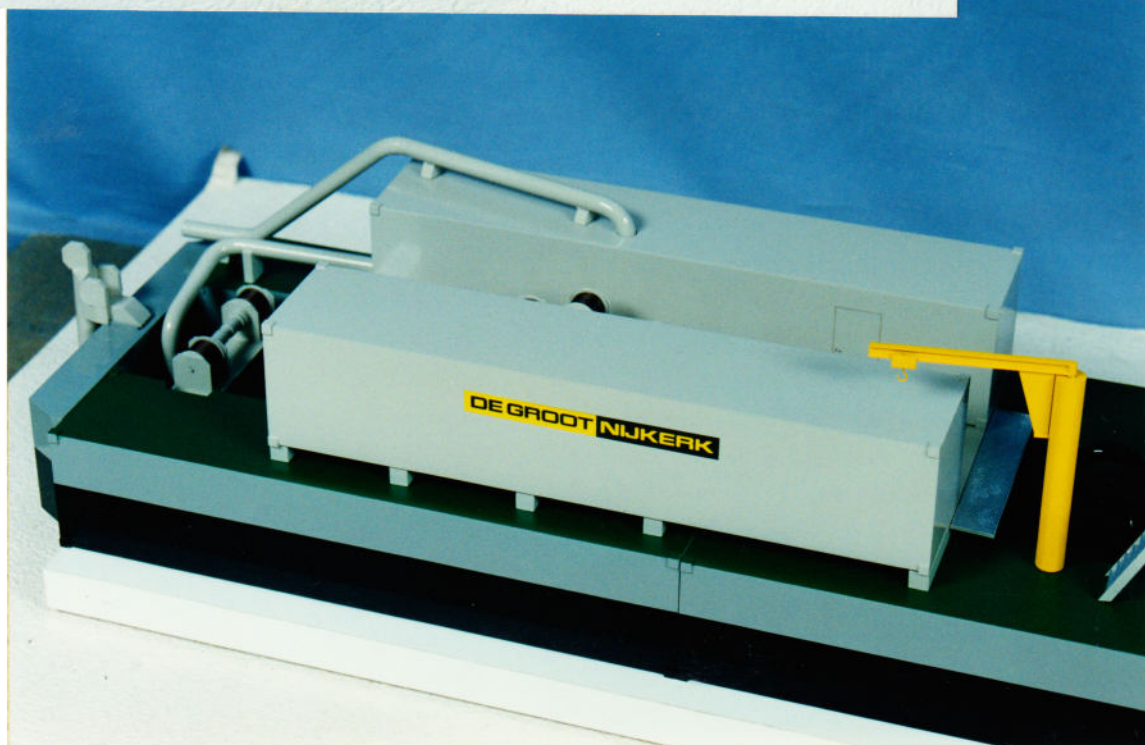
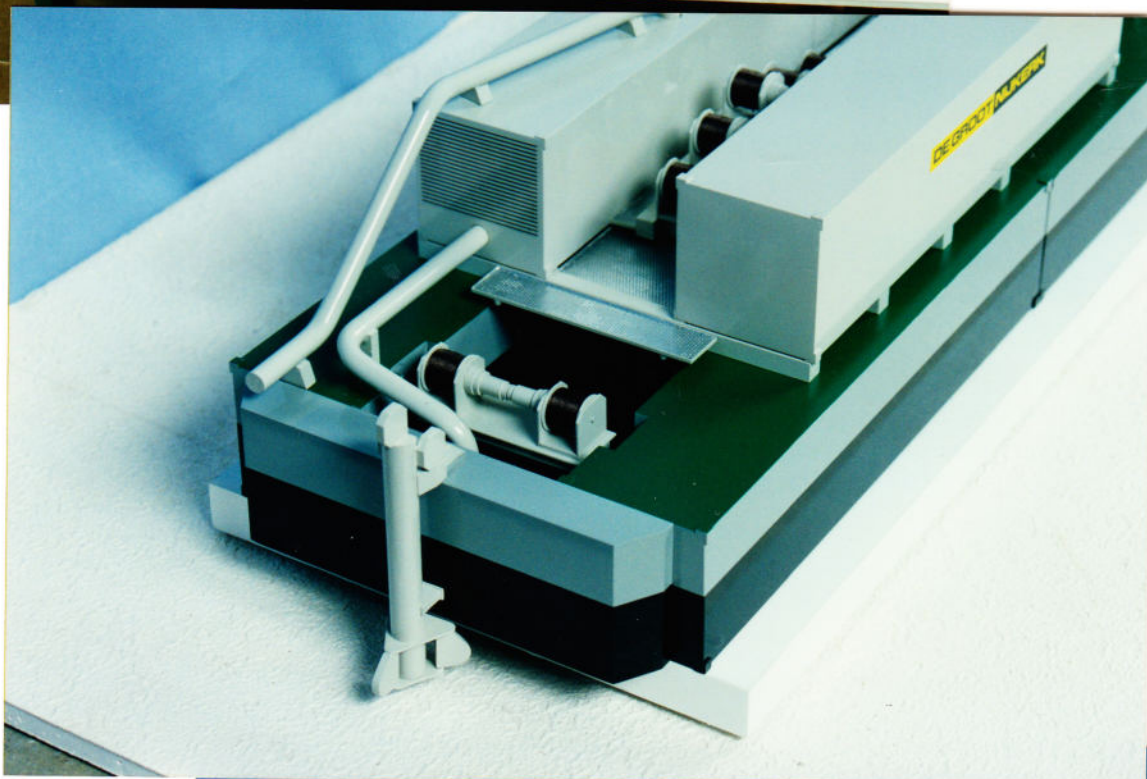


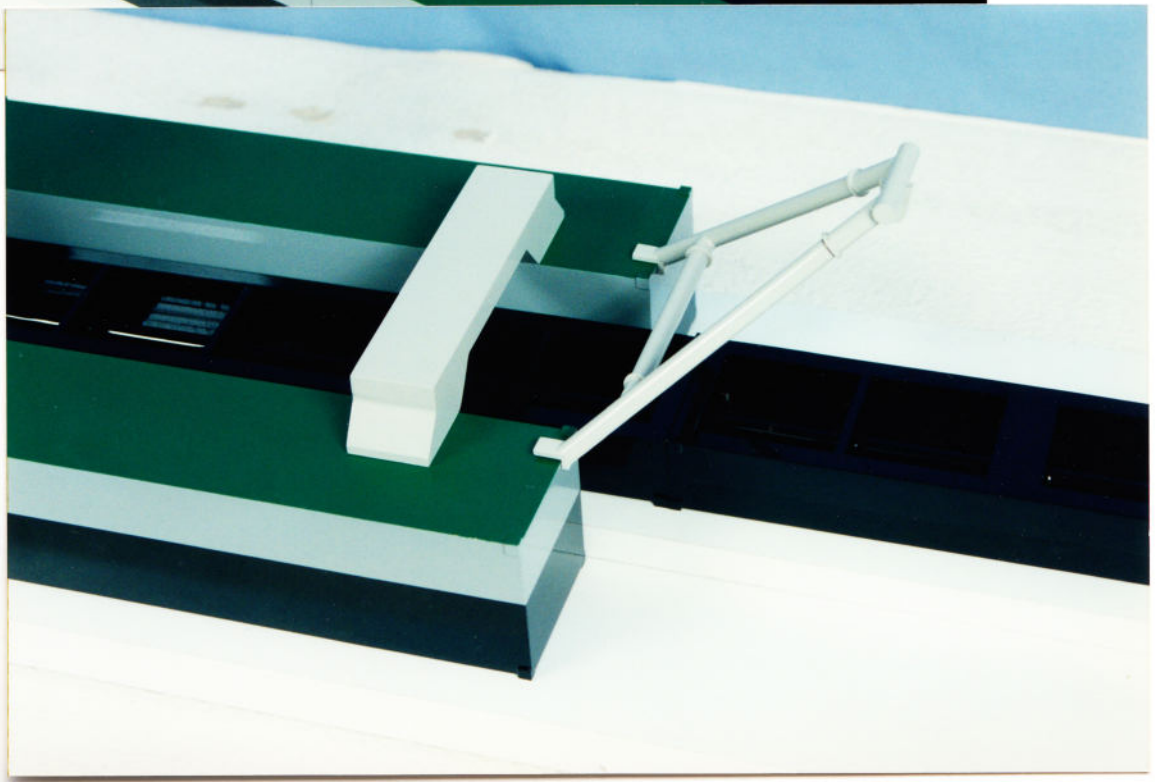
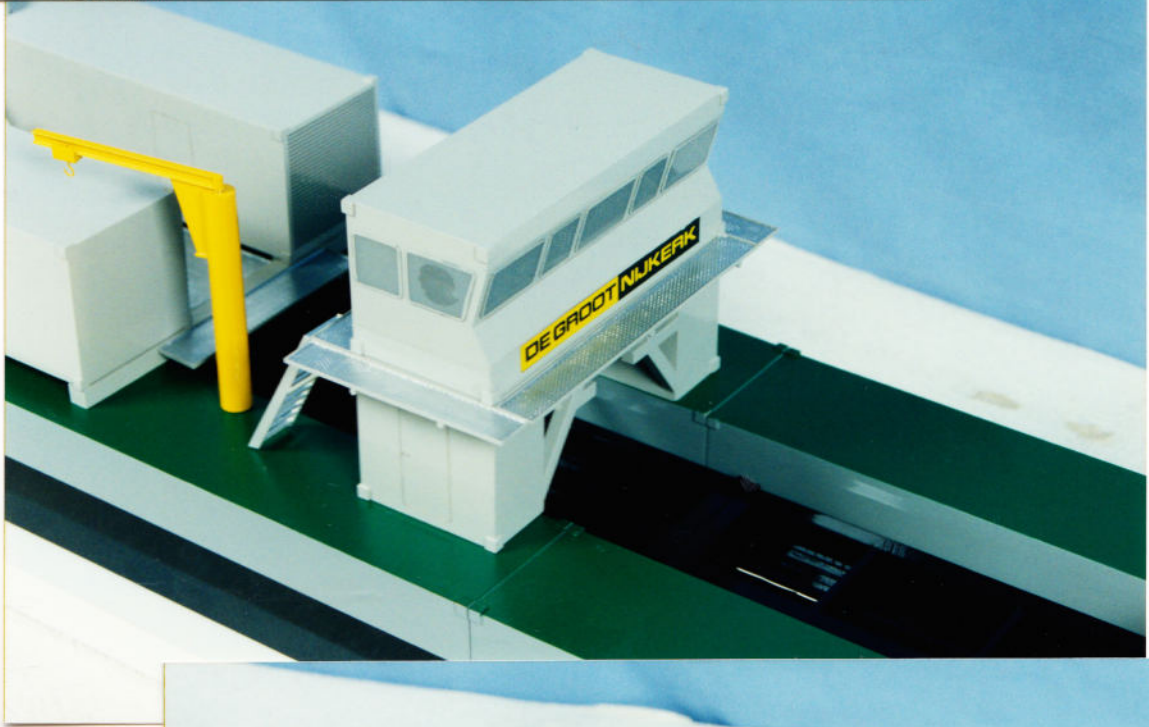
DE GROOT,
NIJCKERK
1:50

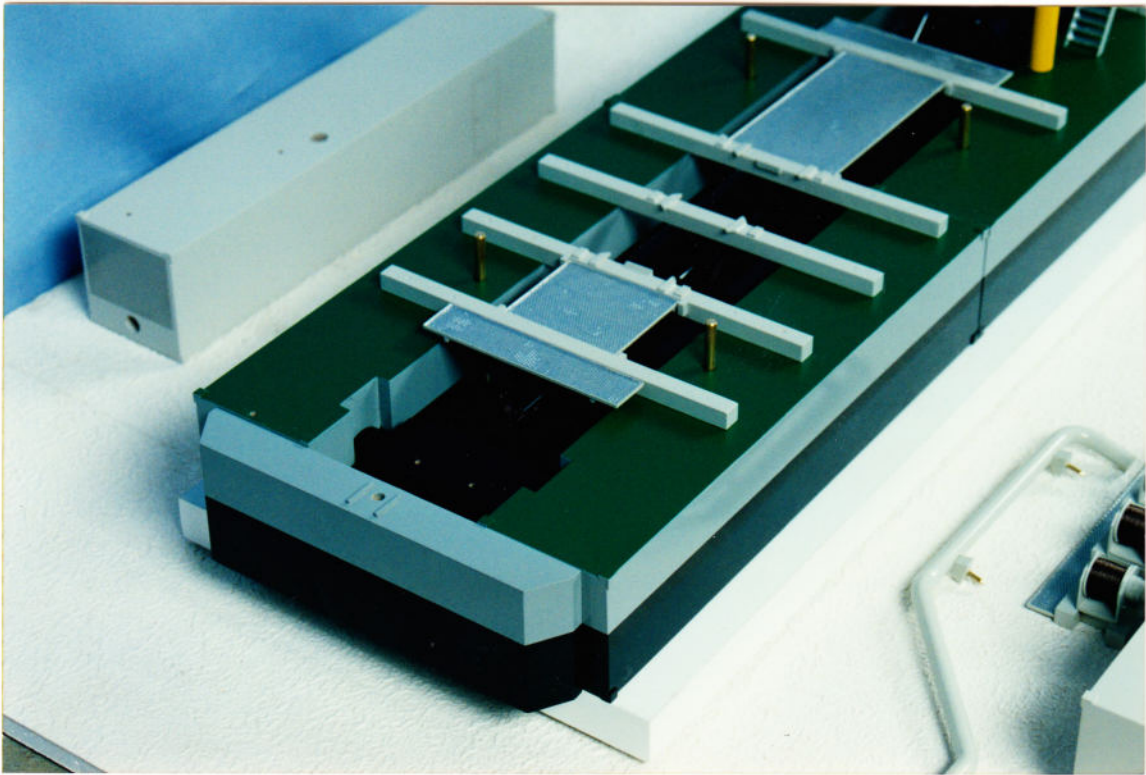
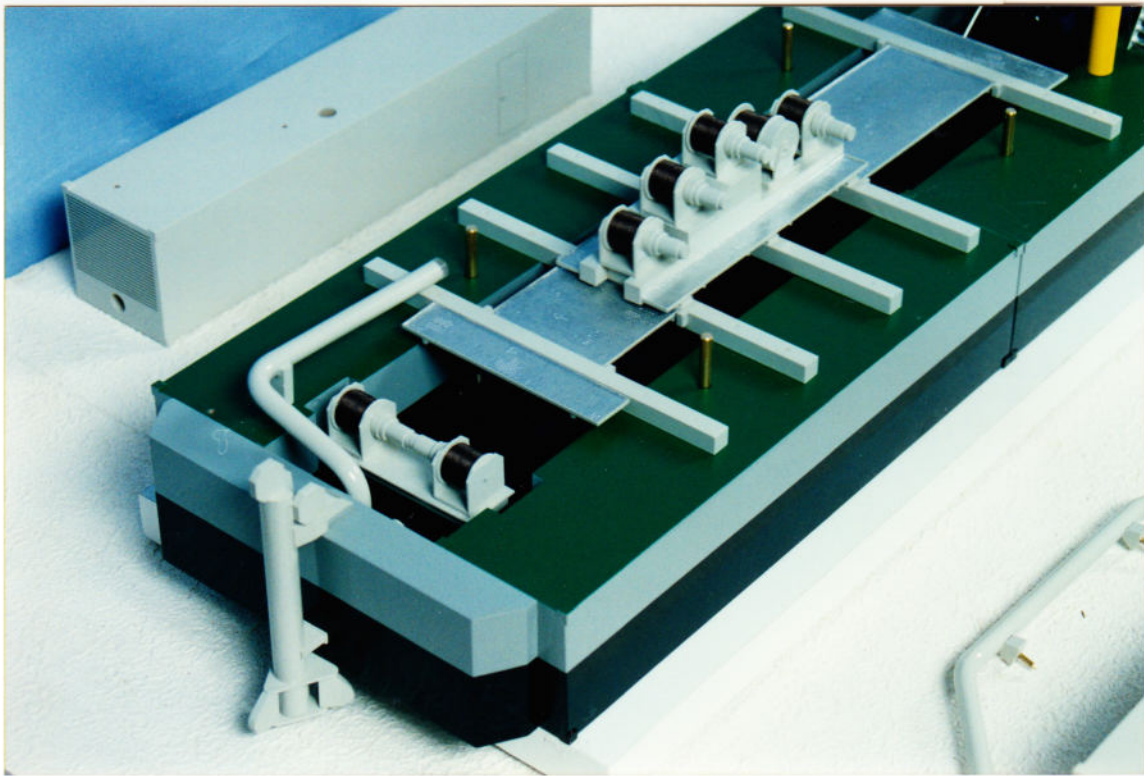
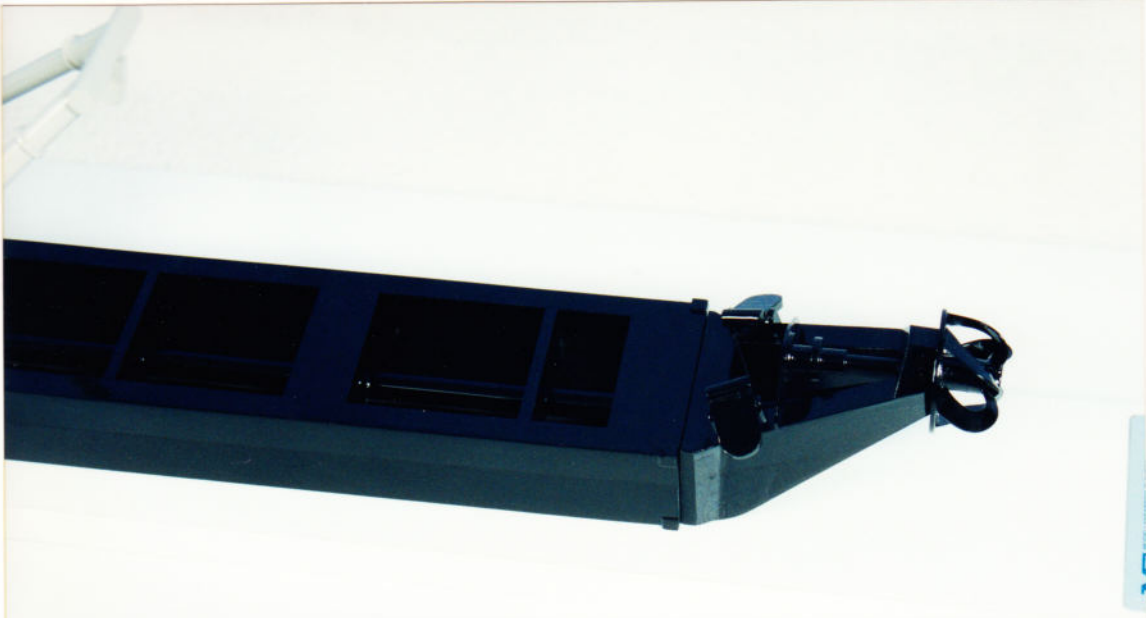
DEMONTABELE
ZUIGER
ALS CONTAINERS
ZELF OP TE BOUWEN

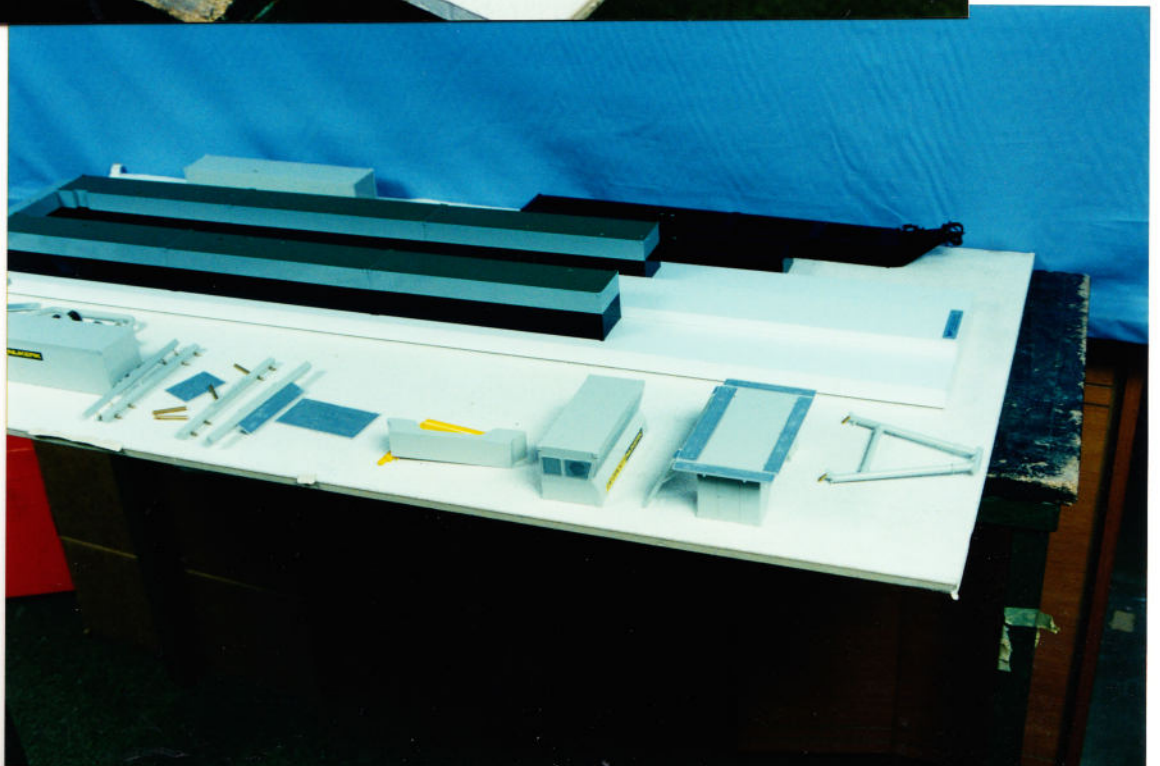
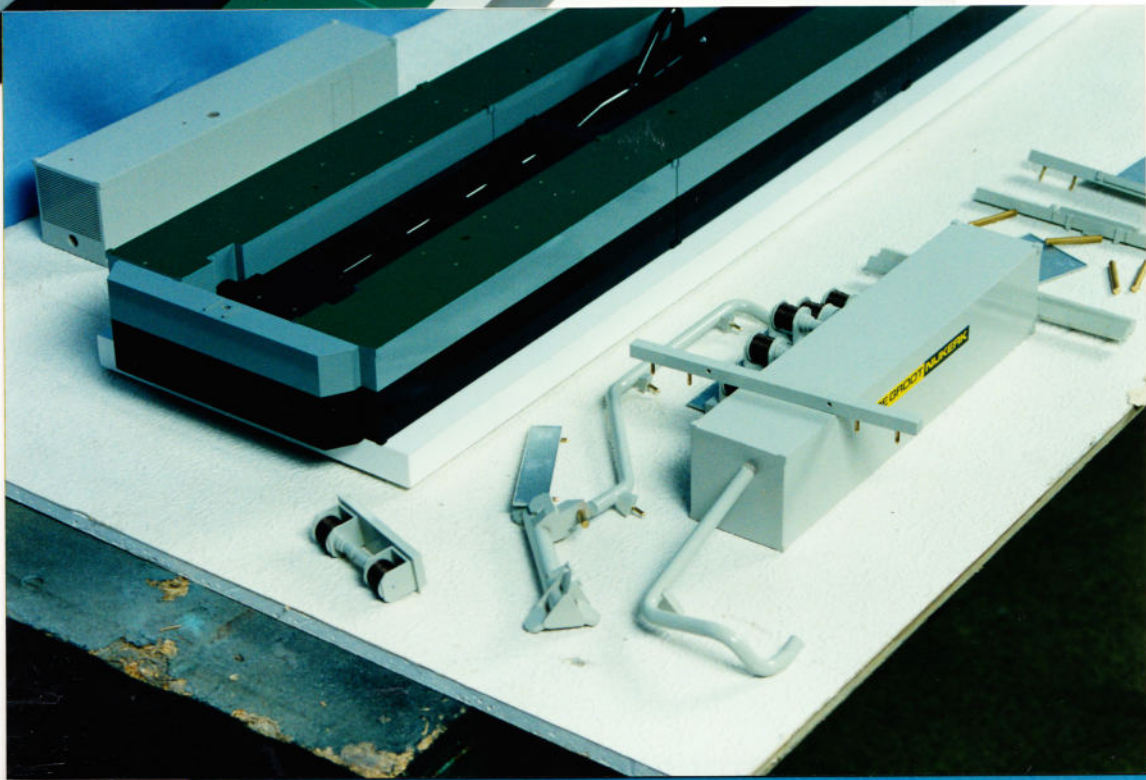
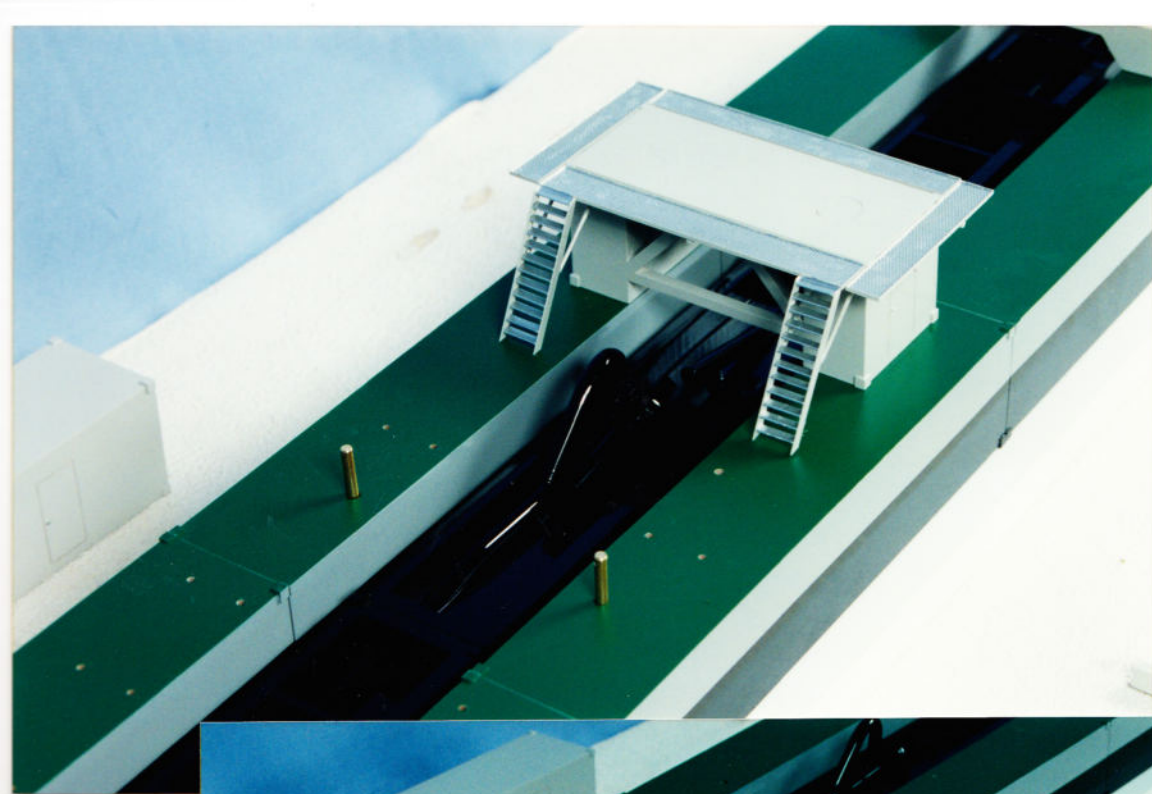
13/8/93

88 uur.

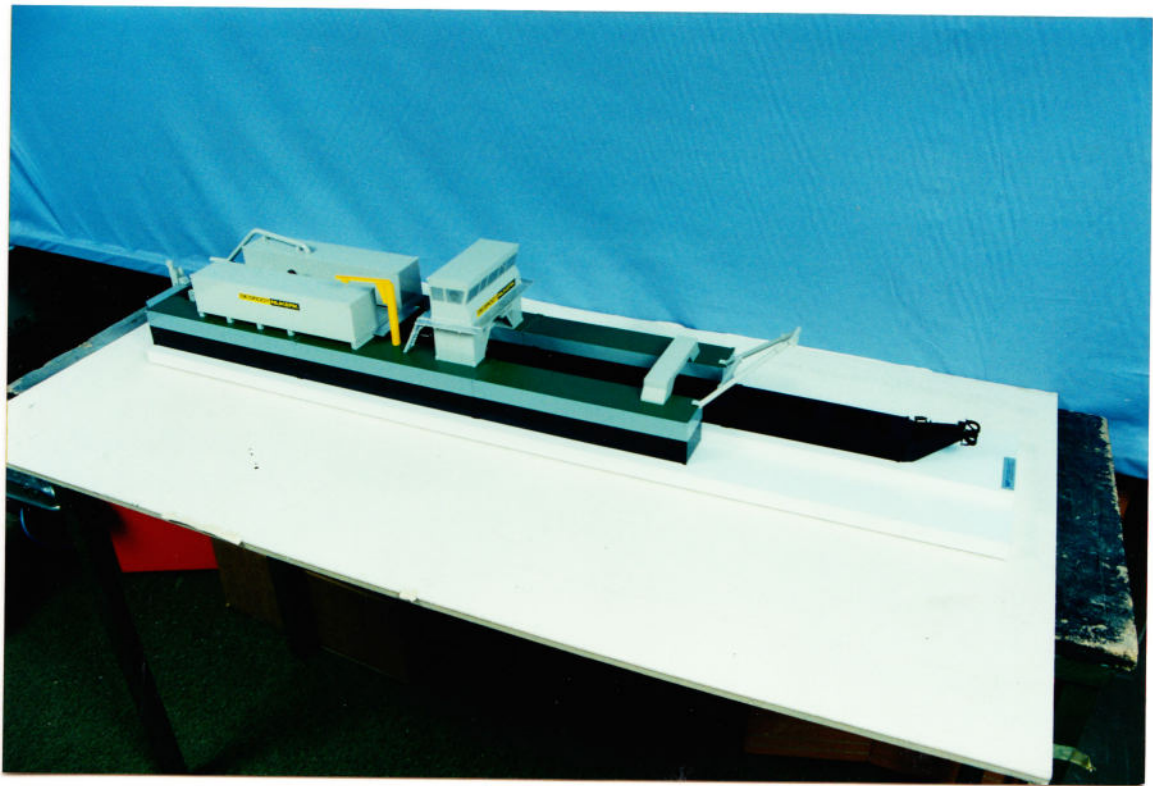


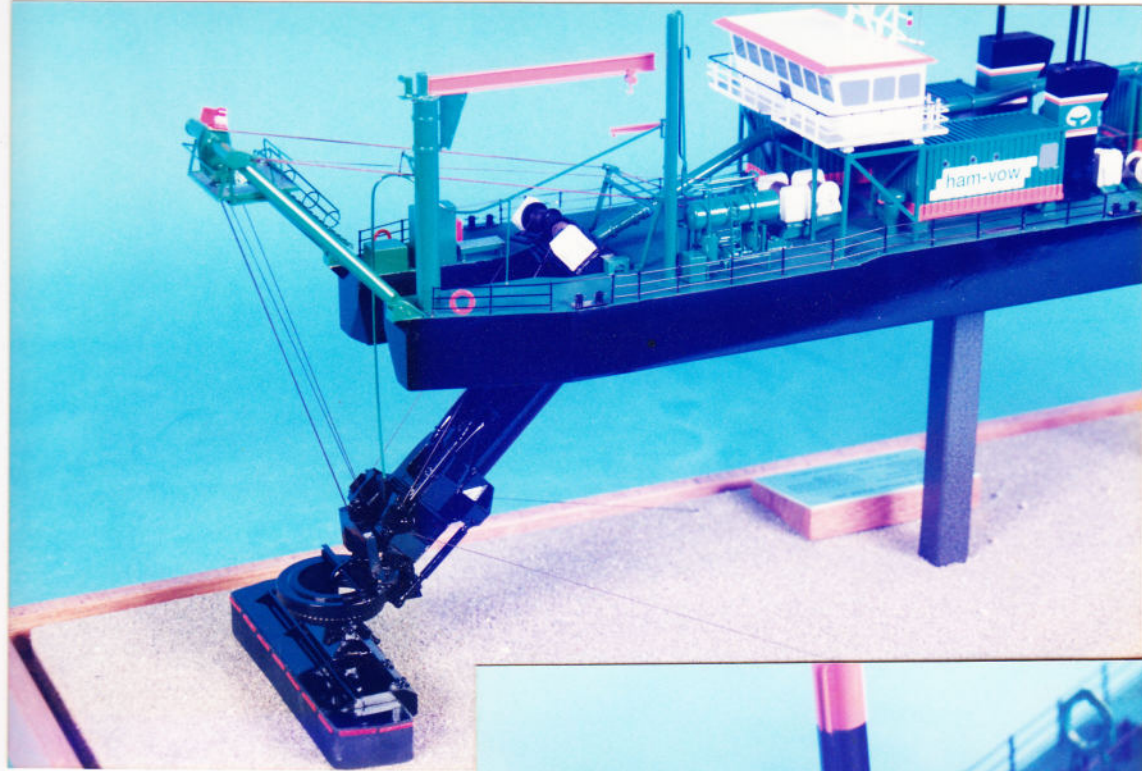




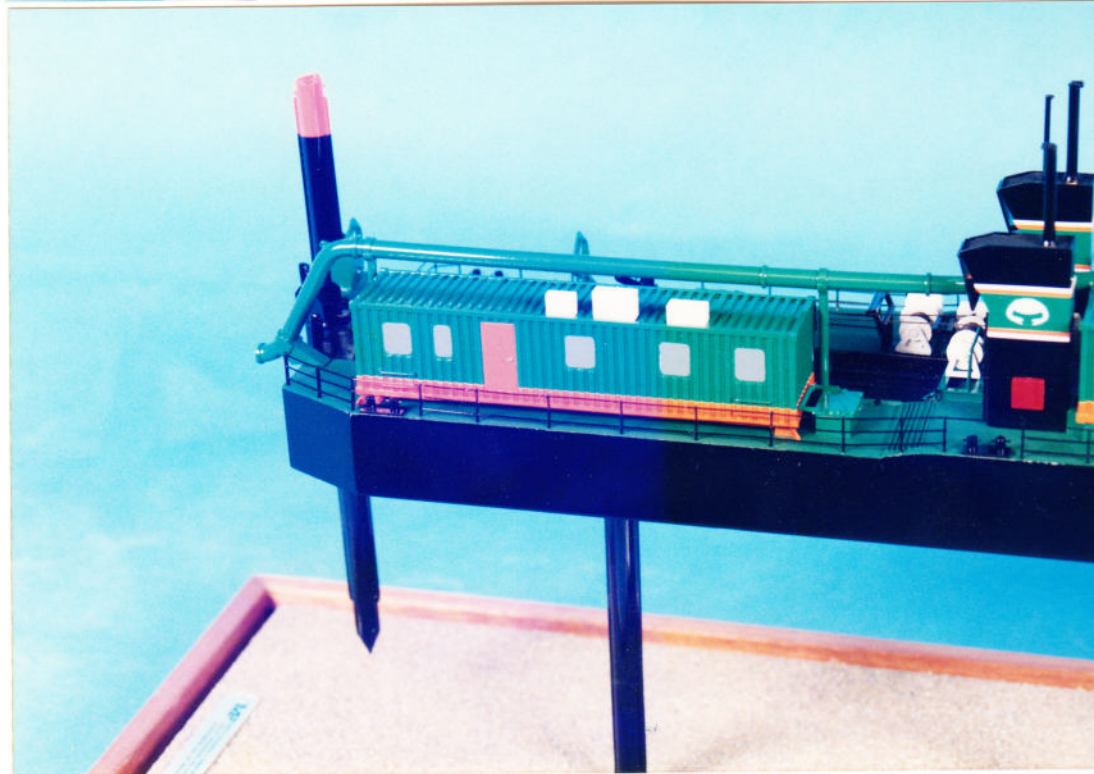


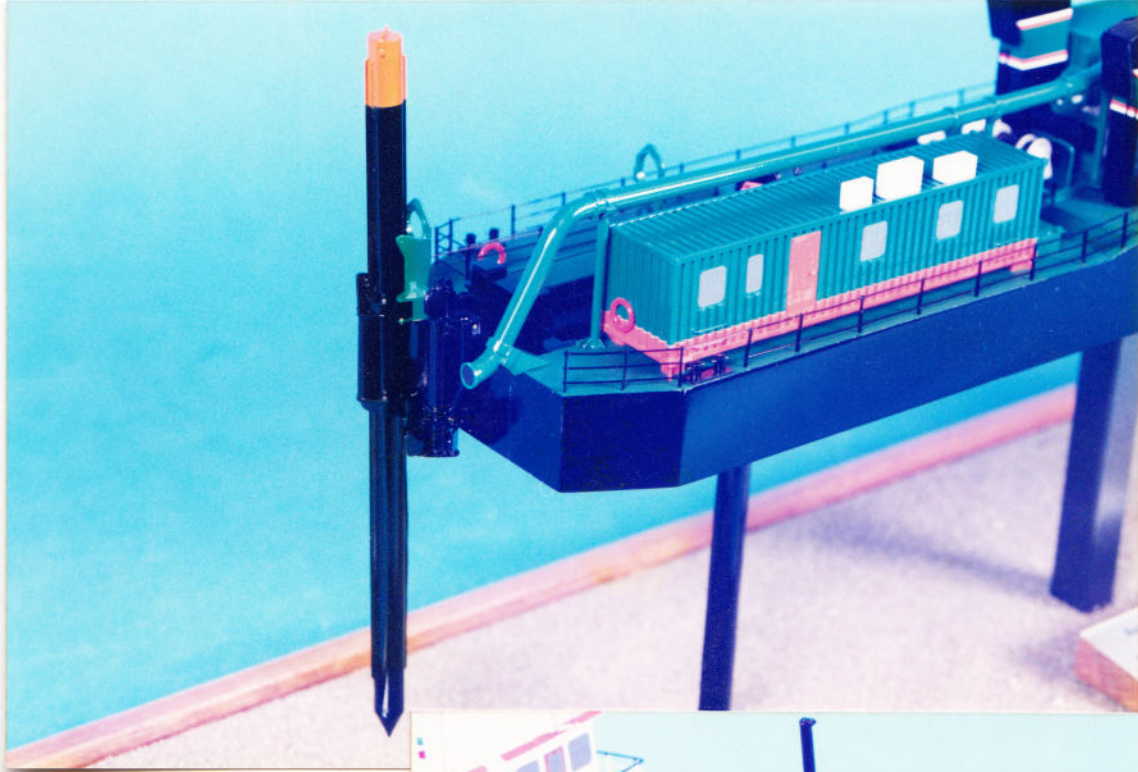


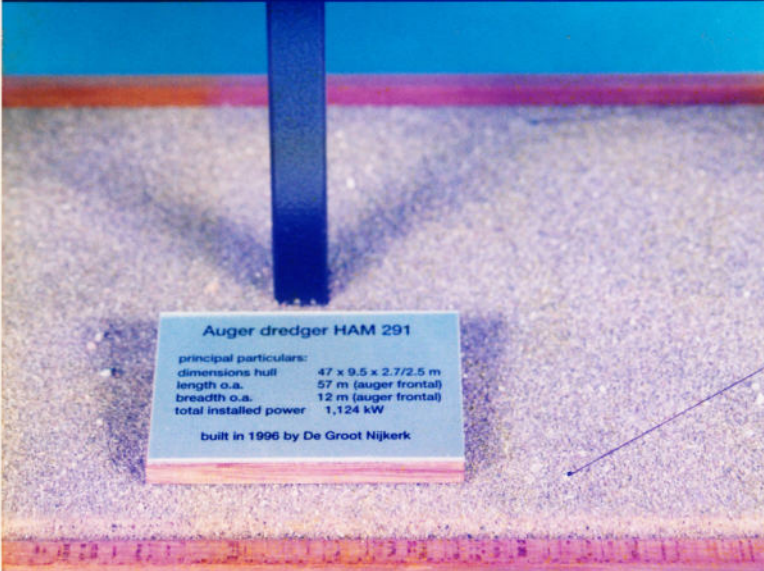


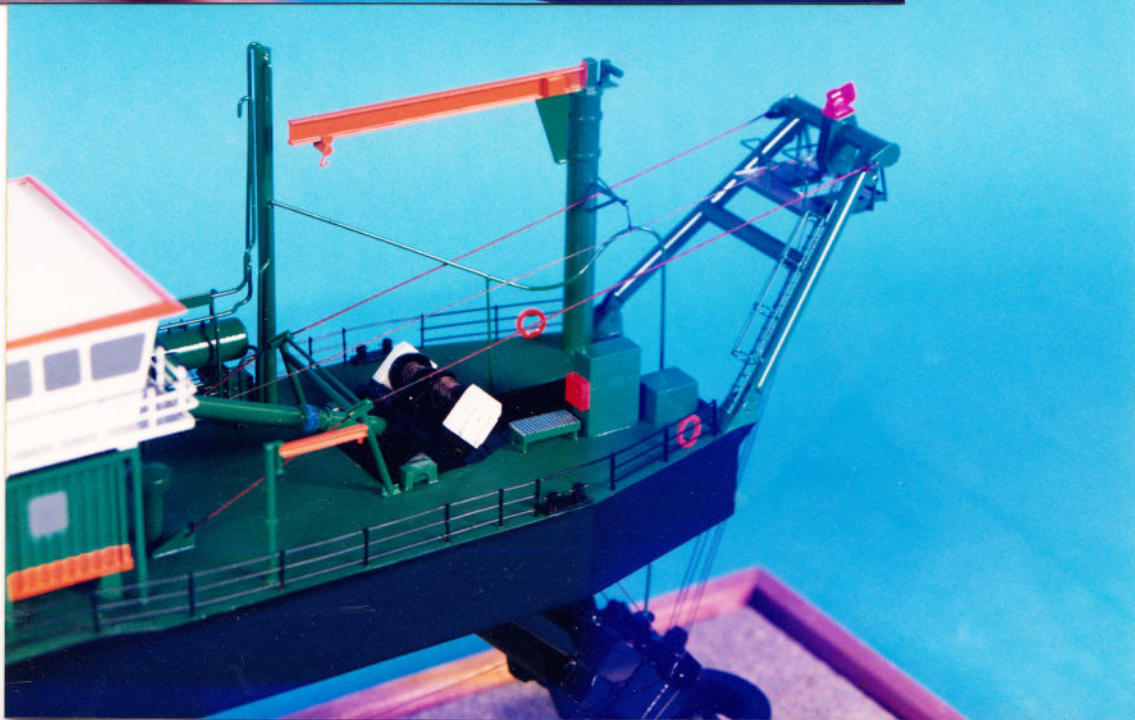


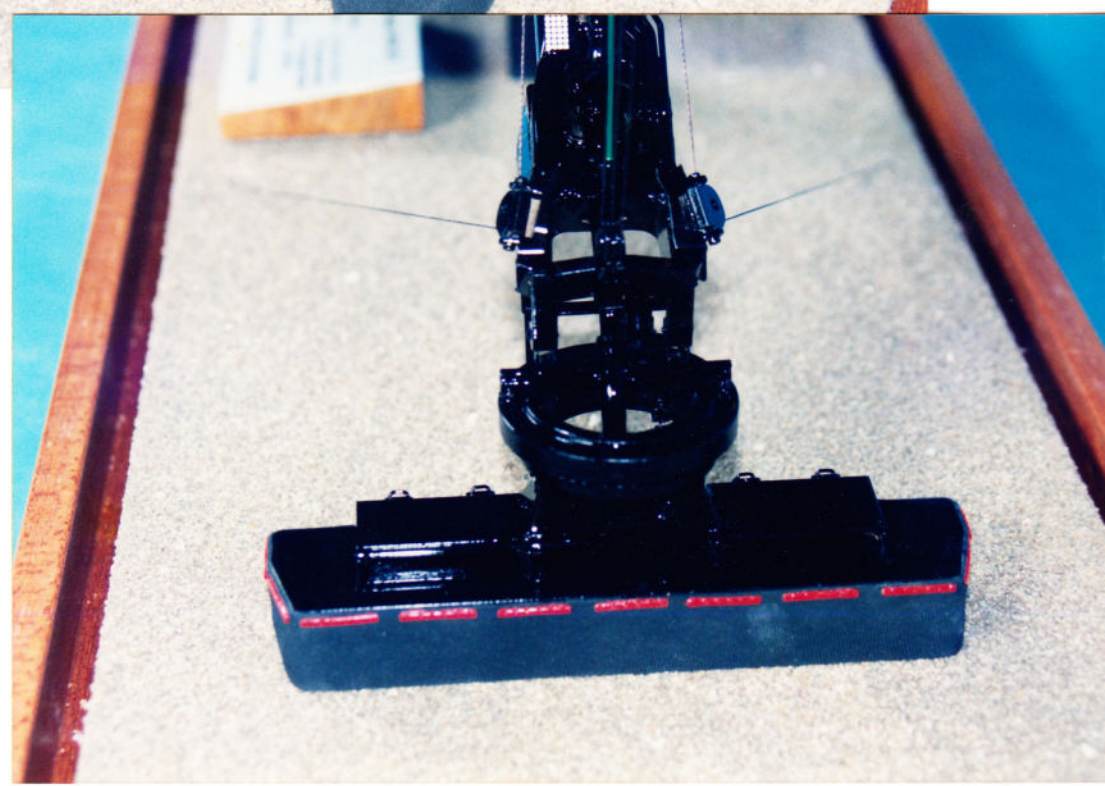
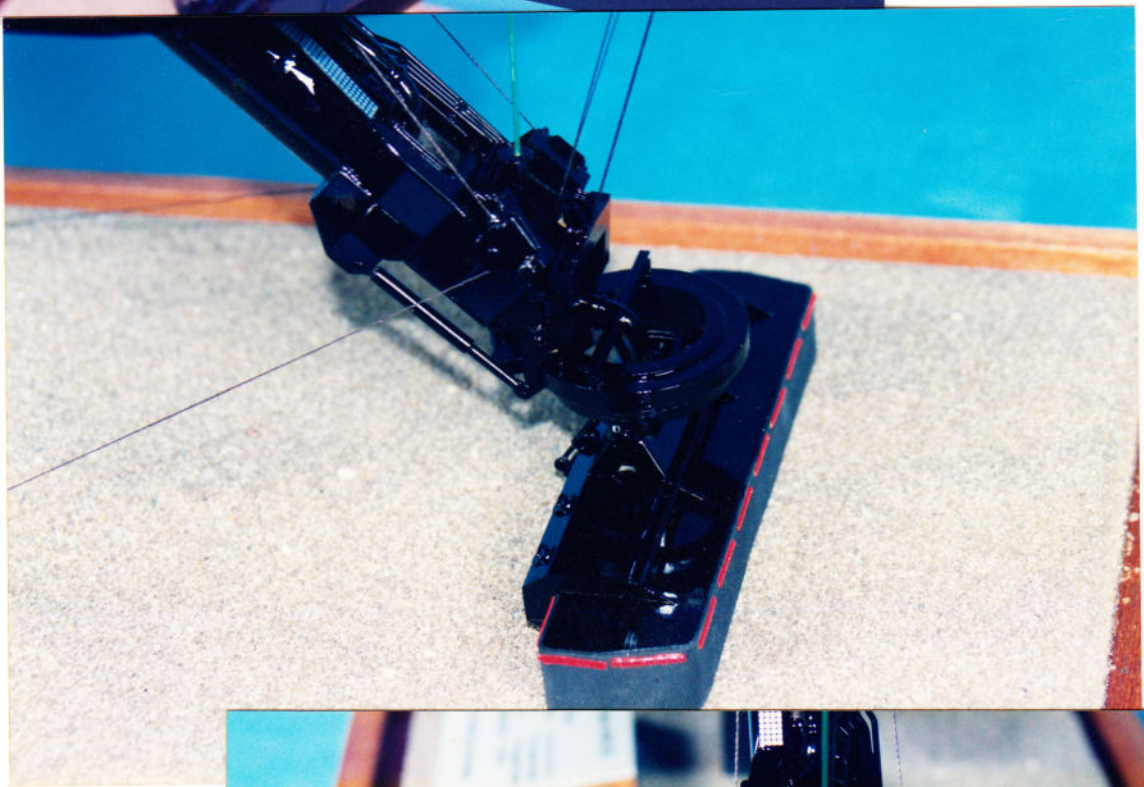
HAN
HAM 291
milieu zuiger
8/4/97
1:100
l.o.a. 57 cm.
245 uur.



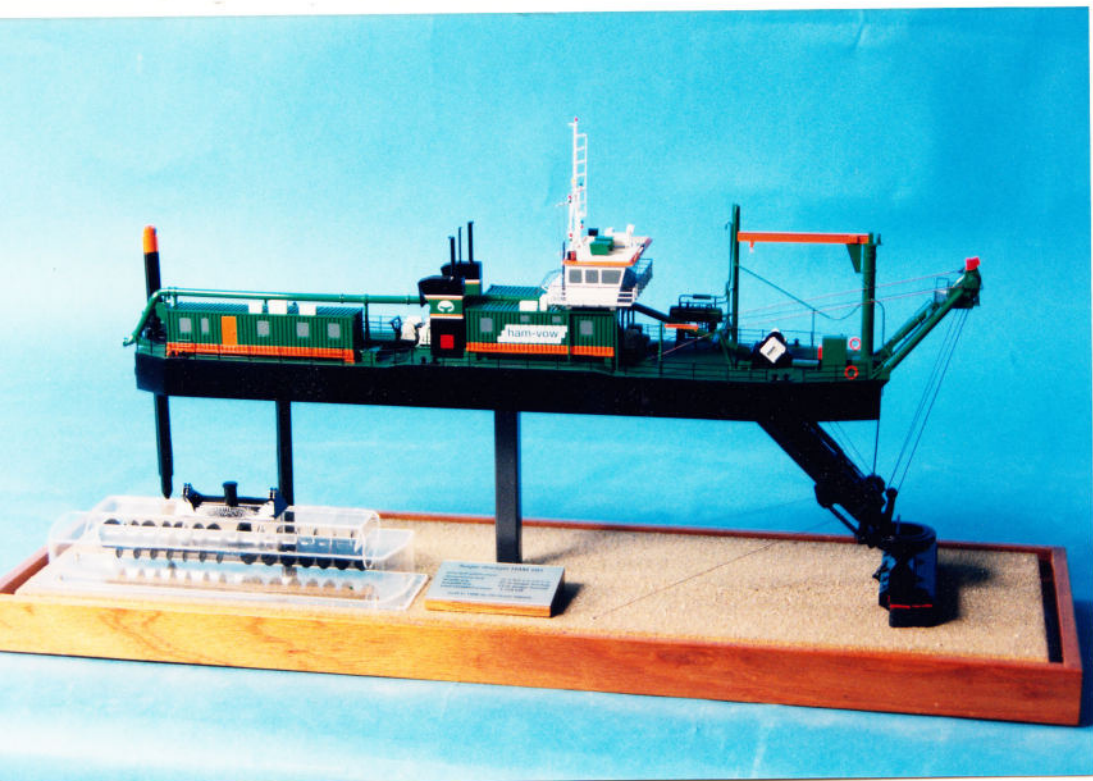


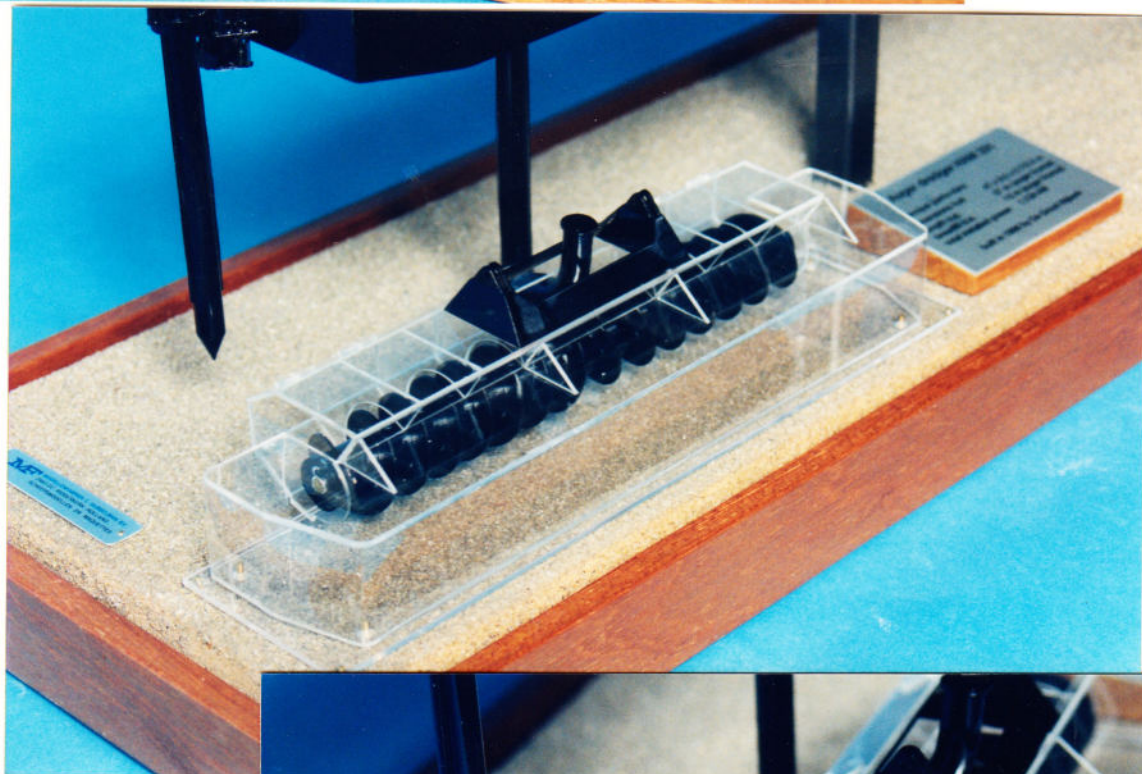
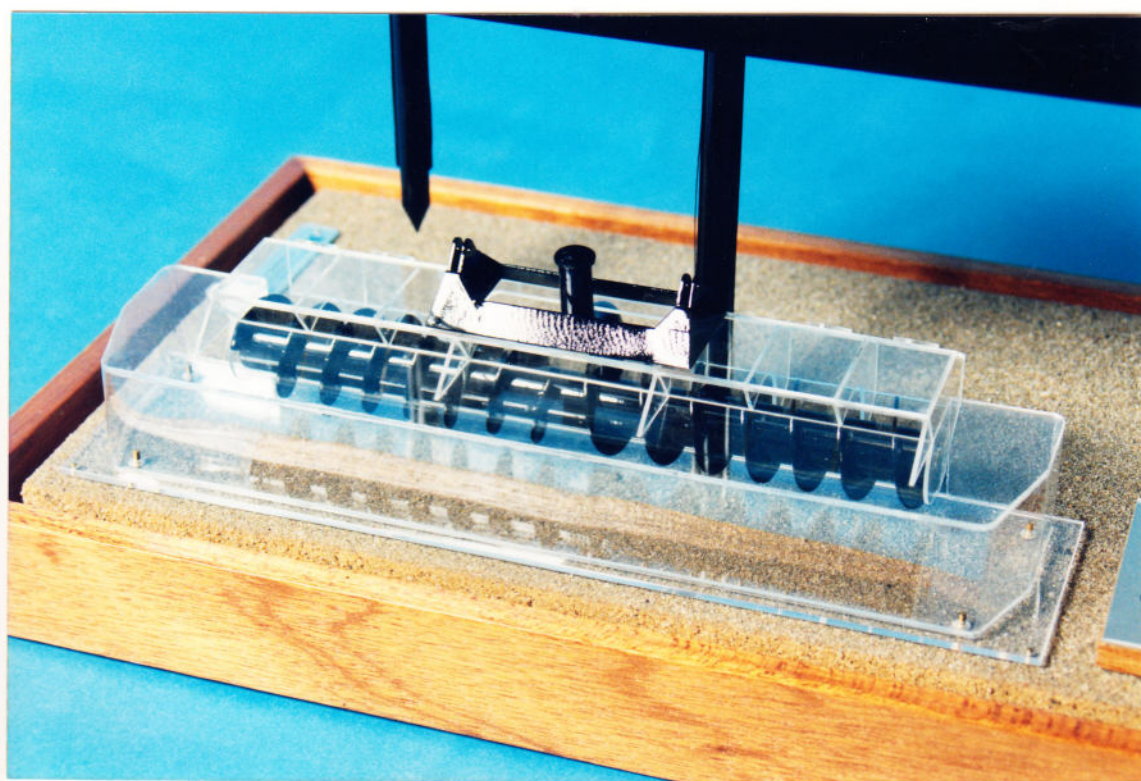






WY21189190EN +
millieu kop 1:50



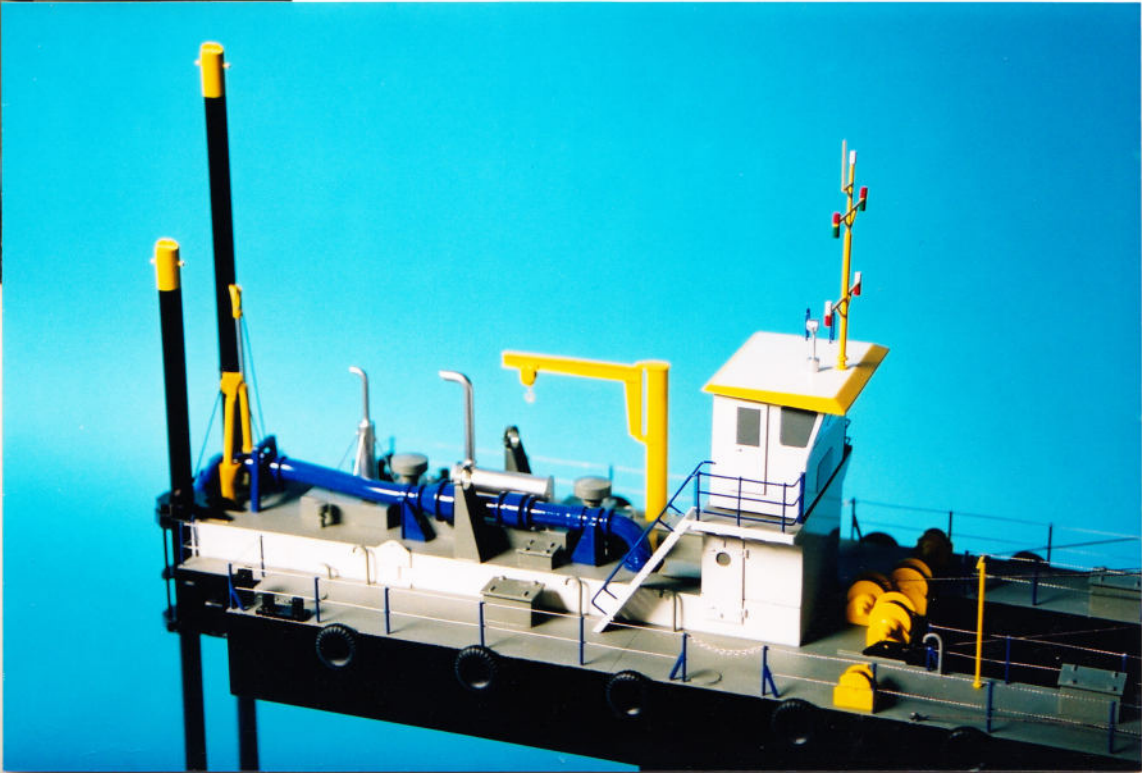
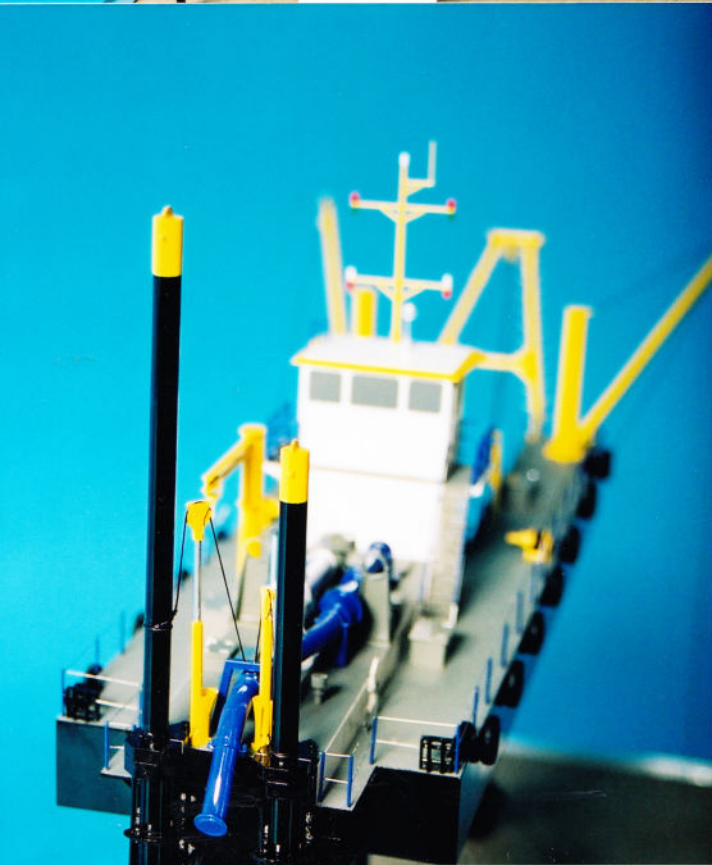
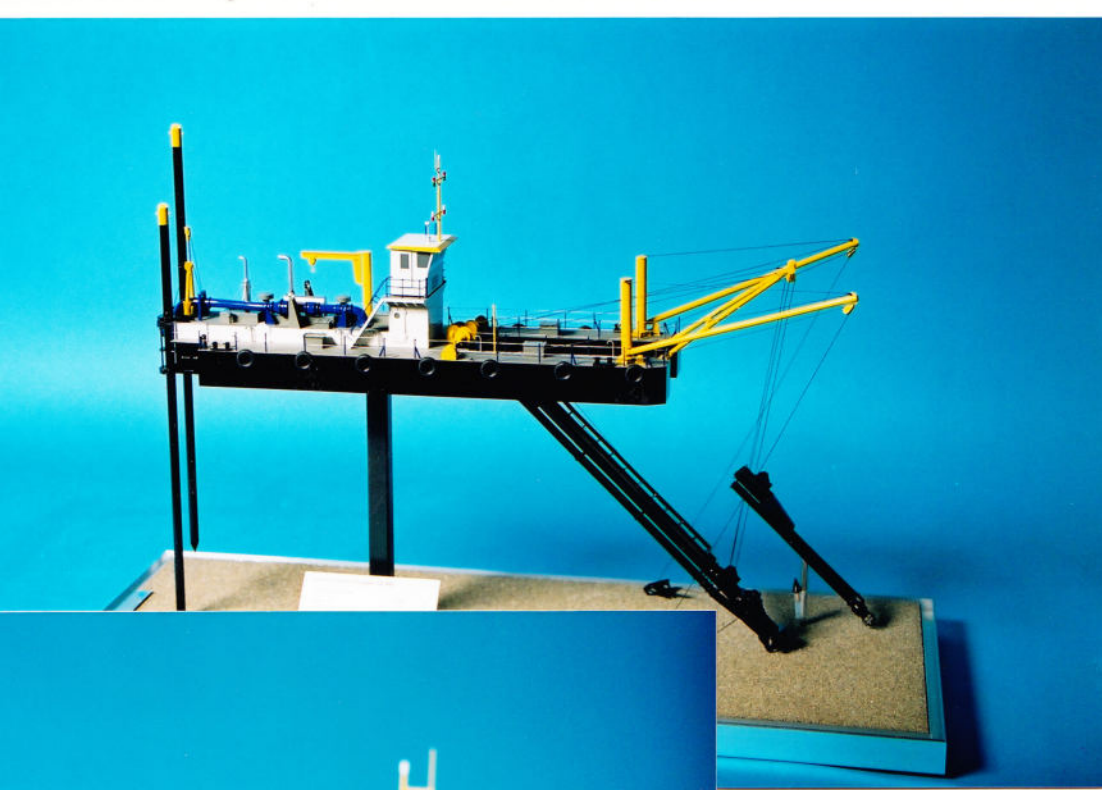


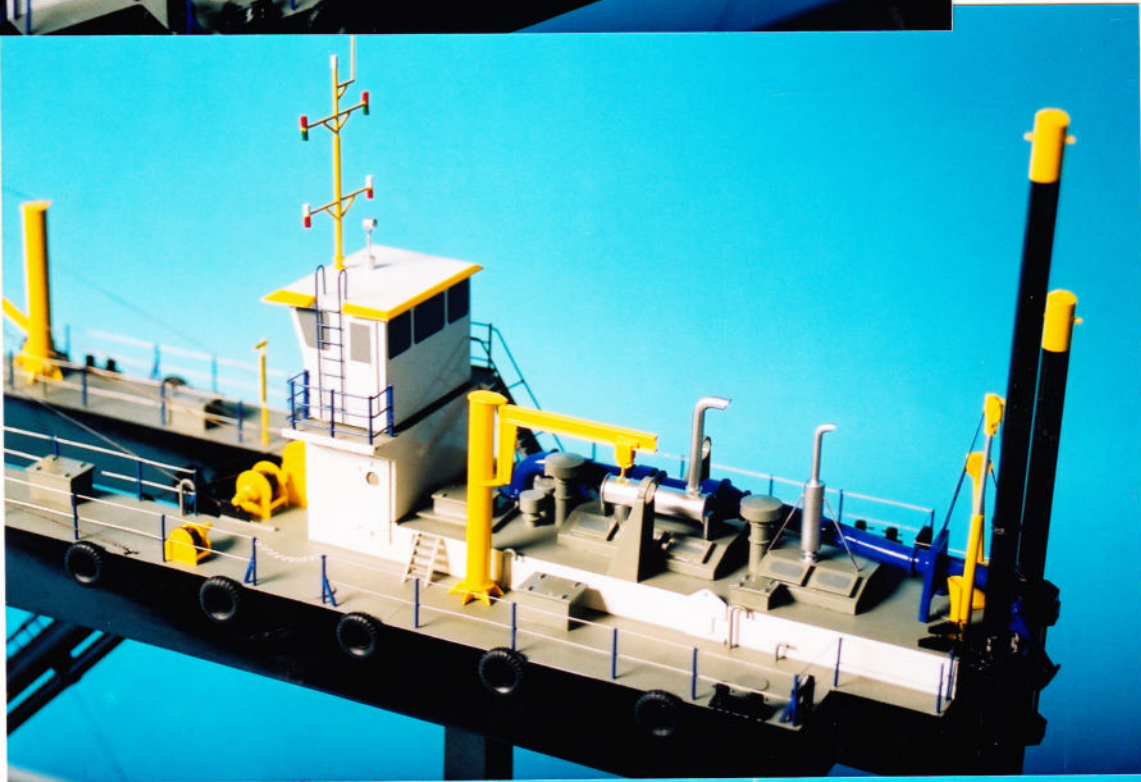
MODELL: HERRN C. DUMMANN BY
1883 EC - RICHINGEN - HOLLAND
SCHWEDENMODELLEN EN MAQUETTES

CZ 450
DE GROOT HYKERK
1:75

170 uur

5/11/2009







Cutter Suction Dredger CZ 450

Principal particulars :	37.50	m
Length o.a.	7.90	m
Width o.a.	1.85 / 2.60	m
Depth to keel from deck	450 / 450	mm
Diameter suction / discharge pipe	14.00	m
Dredging depth as cutter dredger	18.00	m
Dredging depth with suction pipe	1000	kW
Total installed power		

Built in 2001 by de Groot Nijkerk

