

PROJETS 8 2 1 : TRANMONT
 INTACT STABILITY
 LOADING CONDITION : 2 treuils pour TOTAL Angola

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 Client : 131 - DTI 27/01/10

ITEMS OF LOADING

ITEM REFERENCE	X1 (m)	X2 (m)	WEIGHT (t)	KG (m)	YG (m)	FSM (t.m)
1 peak ar td	0,000	3,800	6,00	0,146	1,800	2,850
2 ballast 1 td	0,000	14,400	94,69	1,218	9,000	-3,693
3 ballast 1 td	3,800	14,400	94,69	1,218	9,000	-3,693
4 ballast 1 td	3,800	23,400	94,69	1,218	18,000	-3,693
5 ballast 1 td	14,400	23,400	78,91	1,218	18,000	-3,693
6 ballast 2 td	14,400	23,400	78,91	1,218	27,000	-3,693
7 ballast 3 td	23,400	32,400	78,91	1,218	27,000	-3,693
8 ballast 3 td	23,400	32,400	78,91	1,218	36,000	-3,693
9 ballast 4 td	32,400	41,400	71,02	0,954	36,000	-3,529
10 ballast 4 td	32,400	41,400	71,02	0,954	36,000	-3,529
11 ballast 5 td	41,400	50,400	71,02	0,954	45,000	-3,529
12 ballast 5 td	41,400	50,400	71,02	0,954	45,000	-3,529
13 ballast 6 td	50,400	59,400	71,02	0,954	54,000	-3,529
14 ballast 6 td	50,400	59,400	71,02	0,954	54,000	-3,529
15 ballast 7 td	59,400	70,200	84,89	0,958	64,792	-3,521
16 ballast 7 td	59,400	70,200	84,89	0,958	64,792	-3,521
17 ballast avant	70,200	74,788	12,00	0,252	71,723	0,000
Traut Av	296,00	2,58	54,820	2,500		
DEWEIGHT	1716,89	1,505	37,864	0,000		489,56
LIGHT SHIP	600,00	2,000	40,000	0,000		0,00
TOTAL WEIGHT	2316,89	1,633	38,417	0,000		489,56

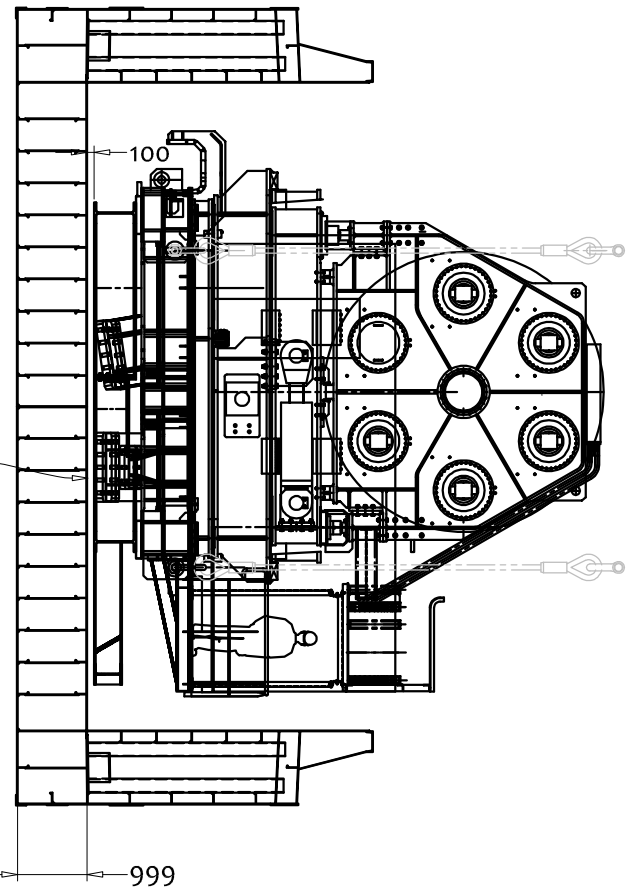
CALCULATION FROM LINES PLAN

DEAUGHTS AND TRIM AT EQUILIBRIUM

	Aft	Airship	Fore	Trim
Deaught on baseline at perpendicular ar	2,551	2,881	2,810	-0,259
Deaught under keel at perpendicular ar	2,580	2,890	2,819	-0,259
Deaught under keel at corresponding mark	2,587	2,887	2,777	-0,190

STABILITY CRITERIA

HEEL AT EQUILIBRIUM	0,000 deg
AREA [0,30] GZ curve limited to 60,0 deg	0,485 m.rad
AREA [0,40] GZ curve limited to 60,0 deg	0,804 m.rad
AREA [0,40] GZ curve limited to 60,0 deg	0,320 m.rad
Angle GZmax [0,60] GZ curve limited to 60,0 deg	40,446 deg
GZ Max [0,60] GZ curve limited to 60,0 deg	1,880 m
GM	3,881 m
RANGE GZ > 0 GZ curve limited to 60,0 deg	60,000 deg
AREA GZmax	0,819 m.rad
GZ (30 deg)	1,720 m
Dynamic stability angle	22,287 deg
Associated lever arm	1,364 m



Bois 100mm

CARACTERISTIQUES

- Année 1976
- Construction E36_2
- 10T/m 2
- Longueur: 80m
- Largeur: 11,4m
- Creux: 4m

BALLAST

- 7 compartiments ballastables
- + compartiment arrière et avant.
- 2 groupes de pompage 150m/h à commande centralisée.

MOULLAGE

2 ancrs Danforth 900kg.

0 Z/M/V/B

COMPAGNIE FLUVIALE DE TRANSPORT
 GROUPE SOESTRAN

TRANSMONTANE
 2 TREUILS POUR TOTAL ANGOLA

N° PR /10. ICL. CC. XXX

Se renseigner sur le porteur au DTI, et en particulier sur les conditions particulières de chargement.
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