

CRUISE REPORT

"NAOMEX 3"

October 5 - 11 1994

Research vessel : " N.O.Côte d'Aquitaine"

Cruise manager : J.M. Jouanneau, Dept. Géologie Océanographie, URA 197 CNRS,
Université de Bordeaux 1.

Scientific team : J.M Jouanneau, O.Weber.

October 5: departure from La Rochelle

October 6: at 07h 30' on zone , too much swell to start operations, waiting until 09h 15'

DOX 01 CTD	09h 20 46° 24' 85 N	depth : 202m 04° 34' 57 W
DOX 02 CTD	10h 10 46° 23' 85 N	depth : 370m 04° 35' 04 W (CTD 350m)
DOX 03 CTD	10h 40 46° 22' 49 N	depth : 720m 04° 36' 19 W (CTD 500m)
DOX 04 CTD	14h 30 46° 17' 58 N	depth : 600m 04° 18' 23 W (CTD 500m)
DOX 05 CTD	14h 55 46° 17' 99 N	depth : 450m 04° 17' 30 W (CTD 500m)

coring (Reineck) : 46° 18' 69 N 04° 18' 13 W depth : 417m
2 cores ; fine sand over gray plastic clay.

DOX 06 CTD	15h 30 46° 18' 52 N	depth : 210m 04° 14' 66 W
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coring (Reineck) : 46° 18' 59 N 04° 15' 13 W depth : 222m
1 sample: fine sand

October 7

DOX 07 CTD	07h 55 46° 02' 79 N	depth : 720m 04° 04' 22 W (CTD 500m)
coring (Reineck) : 46° 02' 64 N	04° 05' 01 W	depth : 700m
1 core ; plastic clay.		
DOX 08 CTD	09h 10 46° 03' 55 N	depth : 387m 04° 03' 25 W (CTD 355m)

coring (Reineck) : 46° 02' 75 N 04° 07' 20 W depth : 424m
hard floor, coarse sand

DOX 09 11h 00 depth : 198m
CTD 46° 04' 21 N 04° 02' 55 W

coring (Reineck) : 46° 04' 40 N 04° 03' 16 W
fine sand over medium sand (dentales)

DOX 10 14h 30 depth : 740m
CTD 45° 48' 18 N 03° 47' 96 W (CTD 500m)

coring (Reineck) : 45° 48' 40 N 03° 47' 53 W depth : 705m
1 sample : fine clayed sand

DOX 11 15h 30 depth : 361m
CTD 45° 48' 94 N 03° 46' 45 W (CTD 340m)

coring (Reineck) : 45° 49' 08 N 03° 46' 82 W depth : 450m
1 sample : silty mud

DOX 12 16h 05 depth : 213m
CTD 45° 49' 68 N 03° 44' 60 W (CTD 200m)

coring (Reineck) : 45° 49' 75 N 03° 44' 84 W depth : 205m
1 core and 1 sample : sandy mud with some gravels

October 10

DOX 13 07h 25 depth : 218m
CTD 45° 40' 16 N 03° 30' 57 W (CTD 200m)
bottles and filtration (COP) : 200m and surface

DOX 14 10h 31 depth : 130m
CTD 45° 40' 08 N 03° 00' 29 W (CTD 125m)
bottles and filtration (COP) : 125m and surface

DOX 15 13h 40 depth : 109m
CTD 45° 40' 03 N 02° 29' 99 W (CTD 105m)
bottles and filtration (COP) : 105m and surface

DOX 16 16h 26 depth : 72,6m
CTD 45° 40' 13 N 02° 00' 59 W (CTD 70m)
bottles and filtration (COP) : 70m and surface

DOX 17 19h 05 depth : 38m
CTD 45° 40' 08 N 01° 30' 09 W (CTD 35m)
bottles and filtration (COP) : 35m and surface

End of campaign, back to La Rochelle, arriving at 08h (A M) the 11th of october.

CRUISE REPORT

"NAOMEX 1" *→ CRUISE*

2-11 September 1993

Research vessel : " N.O.Côte d'Aquitaine"

Cruise manager : J.M. Jouanneau, Dept. Géologie Océanographie, URA 197 CNRS,
Université de Bordeaux 1.

Scientific team : J.M Jouanneau, O.Weber.

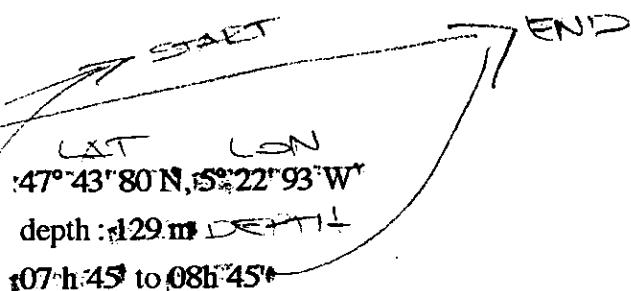
Works realised:

~~2 September~~

Embarking at Concarneau.

~~3 September~~

Station BOX 01
~~STATION~~



Comment
CTD (SBE 25) , water sampling in surface and at 125 m , filtration aboard, box-
core: coarse sand.

Station BOX 02 47° 44' 07 N, 5° 52' 20 W
 depth : 134 m
 11 h 15' to 12h

CTD (SBE 25) , water sampling in surface and at 130 m , filtration aboard, box-
core : shells debris

Station BOX 03 47° 44' 00 N, 6° 22' 11 W
 depth : 153 m
 13 h 50 to 14 h 45'

CTD (SBE 25) , water sampling in surface and at 147 m , filtration aboard, box-
core : shells debris

Station BOX 04 47° 44' 10 N, 6° 52' 47 W
 depth : 164 m
 16 h 55 to 17 h 30

CTD (SBE 25) , water sampling in surface and at 156 m , filtration aboard, box-
core : sand with shells debris

Station BOX 05 47° 44' 00 N, 7° 19' 70 W
 depth : 175 m
 19 h 40 to 20 h 30

CTD (SBE 25) , water sampling in surface and at 170 m , filtration aboard, box-core broken (swell increasing).

Station BOX 06 47° 43' 43 N, 7° 33' 44 W
 depth : 420 m
 21 h 15 to 22 h

CTD (SBE 25) , water sampling in surface and at 400 m , filtration aboard, box-core (47° 43' 76 N, 7° 32' 70) : gravels.

4 September :

Station BOX 07 47° 43' 98 N, 8° 00' W to 8°02' (coring)
 depth : 793 m to 820 m
 07 h 45' to 09 h 20'

CTD (SBE 25) 0 to 500 m, water sampling in surface and at 400 m , filtration aboard, box-core : mud ; 3 sub-samples (FLU Box 07).

Station BOX 08 47° 56' 00 N, 7° 50' 10 W.
 depth : 243 m
 11 h 05' to 12 h

CTD (SBE 25) water sampling in surface and at 235 m , filtration aboard, box-core : gravels and shells.

Station BOX 09 47° 56' 52 N, 7° 35' 37 W.
 depth : 210 m
 13 h 10 to 14 h

CTD (SBE 25) water sampling in surface and at 205 m , filtration aboard, box-core : sand and gravels

Return to Concarneau , arriving the 5 of september at 11 h.(A.M.)

Very bad weather conditions until the 9 th of September, the 10th ; attempt to return on the working zone, after passed the latitude of the "Glenan Islands" we decide , in relation to the sea conditions and to the weather forecast to cancel and to steer south to La Rochelle, where we stop the 11 september.

CRUISE REPORT

"NAOMEX 2"

June 6 - 13 1994

Research vessel : " N.O.Côte d'Aquitaine"

Cruise manager : J.M. Jouanneau, Dept. Géologie Océanographie, URA 197 CNRS,
Université de Bordeaux 1.

Scientific team : J.M Jouanneau, J.M.Froidefond, O.Weber.

June 6

Departure from Concarneau at 20h PM

June 7

COX 07 CTD	15h 40 47° 44' N	depth : 800m 08° 02' W
coring (Reineck)	47° 43' 99	08° 00 04
2 cores, 1 sample		depth : 786m
bottles at 550m and surface		
COX 08 CTD	18h 35 47° 56' 04	depth : 212,5m 07° 49' 96
bottles at 210m and surface		
COX 09 CTD	20h 15 47° 56' 37	depth : 215m 07° 35' 34
bottles at 210m and surface		

June 8

COX 06 CTD	08h 09 47° 43' 59	depth : 434m 07° 33' 61
bottles at 400m and surface		
	47° 43' 77	07° 33' 18
Wind: 6 to 7, 30 knots		
COX 05 CTD	11h 40 47° 43' 81	depth : 171m 07° 20' 73
bottles at 165m and surface		
	47° 43' 91	07° 20' 44
Wind: 6 to 7, 30 knots		
COX 10 CTD	14h 35 47° 35' 43	depth : 183m 07° 00' 29
bottles at 170m and surface		
	47° 35' 17	07° 00' 07
Wind: 25 knots		

COX 04	16h 41	depth : 165m
CTD	47° 44' 33	06° 52' 19
bottles at 160m and surface		
	47° 44' 13	06° 52' 05
Wind: 25 knots		
COX 03	19h 35	depth : 156m
CTD	47° 43' 50	06° 22' 42
bottles at 150m and surface		
	47° 43' 92	06° 22' 15
Wind: 25 knots		
COX 12	21h 08	depth : 168m
CTD	47° 36' 42	06° 30' 56
bottles at 155m and surface		
	47° 36' 89	06° 30' 18
Wind: 25 knots		

June 9

COX 11	08h 23	depth : 587m
CTD	47° 27' 25	06° 36' 75
bottles at 560m and surface		
	47° 27' 19	06° 36' 69
coring (Reineck)	47° 27' 07	06° 36' 52 depth : 556m
1 sample : gravels		

Wind: 15 knots

COX 02	14h 20	depth : 136m
CTD	47° 44' 14	05° 52' 25
bottles at 130m and surface		
	47° 44' 07	05° 52' 21
radiometric data (CIMEL CE-310)	15h 30	
XS1: 12-11-10-11-11-10-10-9-10		
XS2: 5-16- 2- 5- 4- 3- 7-2- 8		
XS3: 4- 8- 4- 4- 4- 2- 3-3- 5		

COX 01	17h 19	depth : 129m
CTD	47° 43' 86	05° 22' 55
bottles at 125m and surface		
	47° 43' 95	05° 22' 78

June 11

COX 13	08h 24	depth : 155m
CTD	47° 25' 44	05° 59' 87
bottles at 145m and surface		
	47° 25' 60	05° 59' 97

wind; 15 to 20 knots

COX 14	10h 36	depth : 710m
CTD	47° 12' 53	06° 04' 14 (560m for CTD)
bottles at 550m and surface		
	47° 12' 59	06° 03' 24

essay of coring unsuccessfull

wind; 15 to 20 knots

COX 15	14h 43	depth : 657m
CTD	47° 12' 35	05° 44' 49 (550m for CTD)
bottles at 550m and surface		
	47° 12' 49	05° 44' 03
coring (Reineck)	47° 12' 17	05° 44' 13 depth : 740m
	1 sample : coarse to medium sand with shells fragments and some gravels	

COX 16	17h 41	depth : 144m
CTD	47° 18' 67	05° 22' 95
bottles at 135m and surface		
	47° 18' 87	05° 22' 95

June 12

COX 17	08h 30	depth : 772m
CTD	46° 42' 05	05° 05' 13 (550m for CTD)
bottles at 550m and surface		
	46° 42' 12	05° 05' 09
coring (Reineck)	46° 41' 97	05° 05' 16 depth : 810m
	1 sample : fine gray sand	

wind; 20 knots

COX 18	10h 46	depth : 156m
CTD	46° 51' 28	05° 00' 55
bottles at 150m and surface		
	46° 51' 52	05° 00' 10

End of campaign , back to Concarneau, arriving during the night 12 to 13 june.



FILE

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