Oceanography Branch CTD Data Report
CTD_REPORT_2012001UN

For further information, contact National Marine Fisheries Service, Northeast Fisheries Science Center, Woods Hole, Massachusetts 02543-1097.

DATE: March 6, 2013

Oceanography Branch CTD Data Report

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NOAA Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543

UN1201
Apex Predators Longline Suvey
Data Coverage: 11 April – 17 May, 2012

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's Apex Predator Longline Survey aboard the FV *Eagle Eye II*. All data were obtained with Seabird Electronics SBE Model 19+ profiling CTD (s/n 4493). Please note that no CTD data were collected for casts 008 and 019.

Data presented here have been audited, however, corrections and/or updates may be applied at a later time.

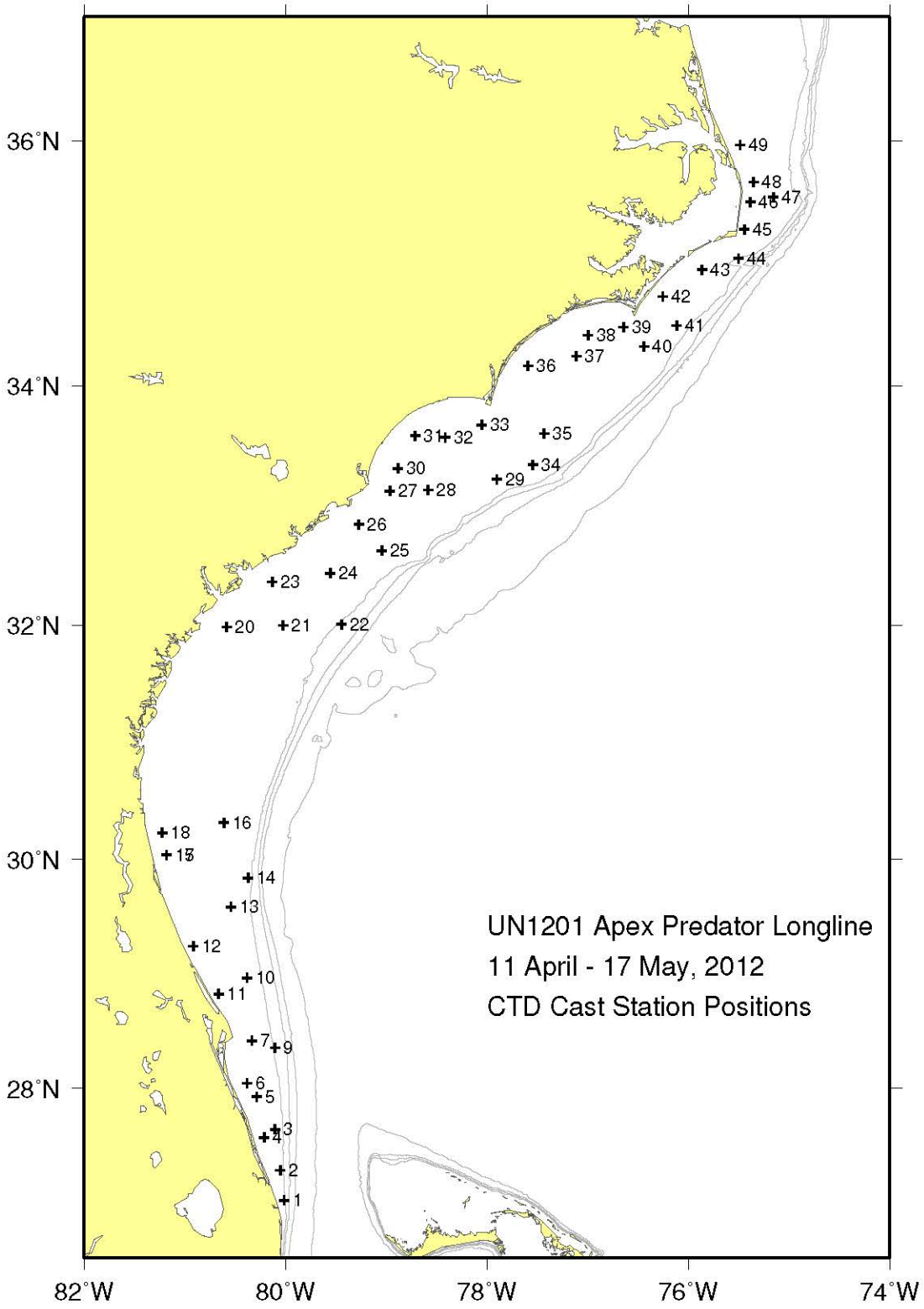
The most recent and complete station data can be found in an NODC formatted ASCII file at:
ftp://ftp.nefsc.noaa.gov/pub/hydro/un1201.dat

This report may be viewed on the Oceanography Branch website at:

http://www.nefsc.noaa.gov/HydroAtlas/

choose: **2012 Cruises**
MAY_APEX_UN1201
CTD_REPORT_2012001UN

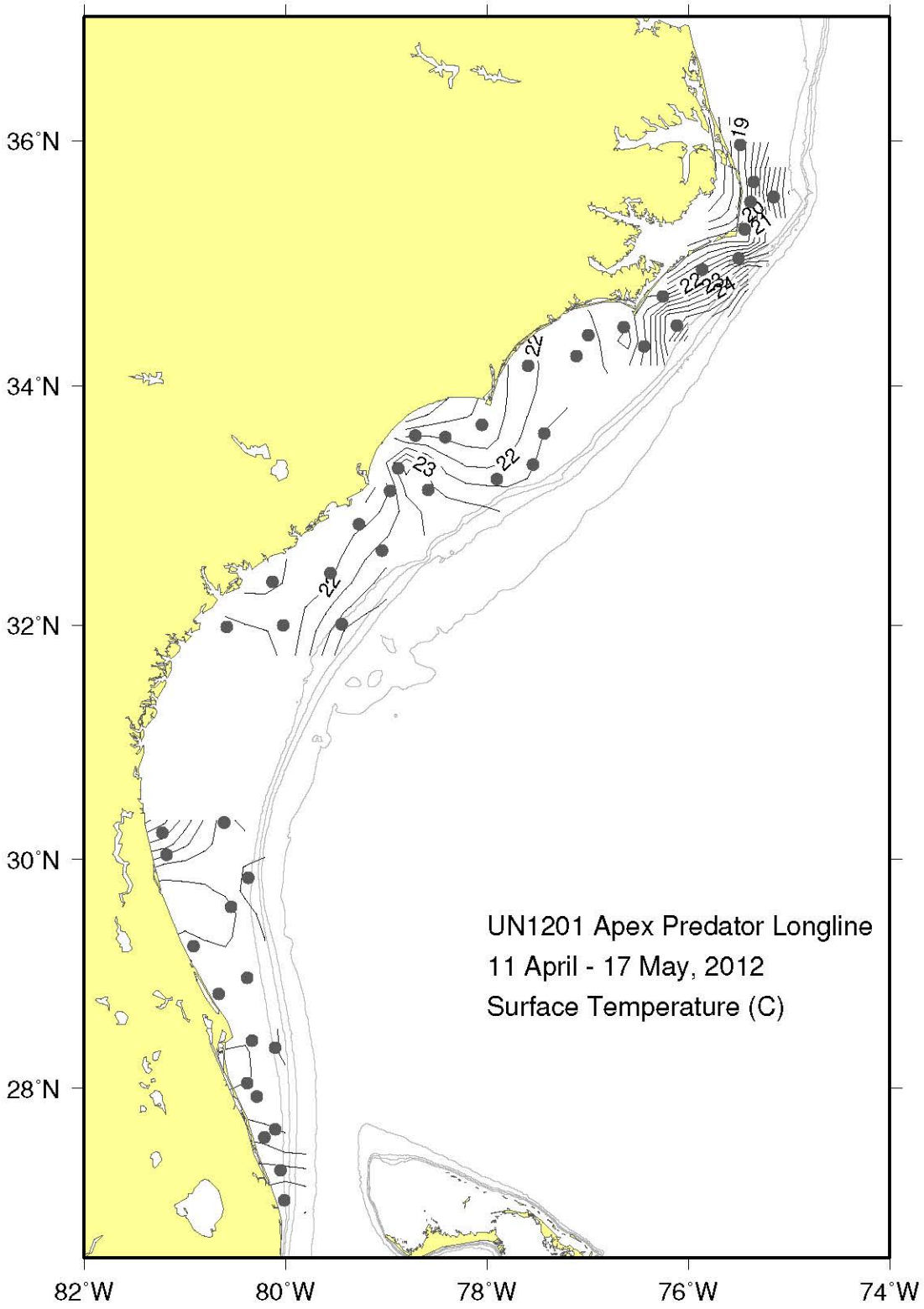
Revised: March 6, 2013


36°N
34°N
32°N
30°N
28°N
82°W
80°W
78°W
76°W
74°W
UN1201 Apex Predator Longline
11 April - 17 May, 2012
CTD Cast Station Positions

UN1201
APEX PREDATORS LONGLINE SURVEY
11 APRIL - 17 MAY, 2012

CAST #	STA #	LAT (deg. N)	LON (deg. W)	DAY	MO	YEAR	TIME (GMT)	BTM DEPTH (M)	SFC TEMP (deg. C)	SFC SALT	Deepest Obs. Temp (deg. C)	Deepest Obs. Salt	Meters from Btm	Cast Type
1	1	2700.5	8000.8	11	4	2012	20:37	21	25.3	36.10	25.1	36.12	4	V
2	2	2716.5	8003.0	12	4	2012	7:18	25	25.1	36.12	22.9	36.19	15	V
3	3	2738.1	8005.9	13	4	2012	17:04	29	23.7	36.20	22.6	36.25	3	V
4	4	2734.0	8012.6	15	4	2012	17:19	18	24.1	36.26	24.0	36.26	1	V
5	5	2755.6	8016.6	16	4	2012	2:28	18	23.2	36.18	23.2	36.18	2	V
6	6	2802.9	8023.0	16	4	2012	18:04	21	23.1	36.23	23.0	36.23	1	V
7	7	2825.4	8019.8	17	4	2012	3:45	23	23.0	36.29	23.0	36.32	1	V
9	8	2821.6	8005.8	17	4	2012	12:51	49	23.5	36.21	22.4	36.33	20	V
10	9	2858.3	8022.5	18	4	2012	1:49	28	23.2	36.35	23.1	36.34	8	V
11	10	2849.6	8039.4	18	4	2012	11:10	17	23.4	36.39	23.4	36.39	4	V
12	11	2915.2	8054.8	19	4	2012	13:04	31	23.1	36.18	22.9	36.30	1	V
13	12	2935.6	8032.4	19	4	2012	22:22	47	23.7	36.19	22.2	36.25	1	V
14	13	2950.4	8021.9	20	4	2012	7:07	44	22.8	36.31	22.6	36.34	18	V
15	14	3002.1	8110.7	20	4	2012	16:04	36	23.4	36.21	22.4	36.37	1	V
16	15	3019.0	8036.8	21	4	2012	0:25	32	23.2	36.42	23.2	36.45	18	V
17	16	3002.1	8110.7	21	4	2012	11:25	14	22.8	36.20	22.6	36.26	1	V
18	17	3013.6	8113.2	21	4	2012	16:40	32	21.7	36.33	21.6	36.33	1	V
20	19	3159.5	8034.9	28	4	2012	16:22	18	21.3	35.38	20.9	35.45	1	V
21	20	3159.7	8001.0	29	4	2012	1:45	26	21.6	36.40	21.0	36.40	0	V
22	21	3200.8	7926.6	29	4	2012	12:08	63	23.5	36.18	19.0	36.22	1	V
23	22	3222.1	8007.7	29	4	2012	23:45	15	22.1	35.74	21.0	36.21	1	V
24	23	3226.6	7933.1	30	4	2012	5:55	26	21.9	36.41	21.1	36.40	1	V
25	24	3238.0	7902.1	30	4	2012	19:57	31	22.8	36.34	21.3	36.34	1	V
26	25	3251.0	7916.1	1	5	2012	4:41	17	22.0	35.35	20.8	35.43	1	V
27	26	3307.8	7857.3	1	5	2012	14:28	16	22.1	34.92	20.6	35.26	1	V
28	27	3308.1	7834.8	1	5	2012	22:51	25	23.1	36.23	21.2	36.24	1	V
29	28	3313.7	7754.2	2	5	2012	10:40	34	22.4	36.34	21.4	36.40	1	V

30	29	3319.0	7852.9	2	5	2012	23:30	15	23.6	33.67	21.1	35.49	1	V
31	30	3335.3	7842.3	3	5	2012	7:58	15	21.7	35.07	21.1	35.57	1	V
32	31	3334.8	7824.3	3	5	2012	15:49	21	21.5	35.18	20.5	35.81	1	V
33	32	3341.0	7803.0	4	5	2012	0:10	17	21.1	35.52	20.8	35.64	1	V
34	33	3320.9	7732.5	4	5	2012	11:13	26	22.5	36.36	22.1	36.40	1	V
35	34	3336.3	7725.7	4	5	2012	19:32	36	22.6	36.34	22.3	36.34	1	V
36	35	3410.3	7735.2	6	5	2012	6:49	21	21.8	35.59	20.2	36.19	1	V
37	36	3415.1	7706.4	8	5	2012	14:43	28	22.3	36.37	21.3	36.25	1	V
38	37	3425.1	7659.6	8	5	2012	22:21	22	22.4	36.06	20.5	36.15	1	V
39	38	3429.2	7638.2	9	5	2012	8:00	20	21.3	35.98	20.8	35.99	1	V
40	39	3420.0	7626.5	10	5	2012	19:46	28	22.5	36.17	22.2	36.19	1	V
41	40	3429.9	7606.4	11	5	2012	6:46	39	25.0	36.11	22.8	36.45	1	V
42	41	3444.1	7615.1	11	5	2012	21:52	22	21.8	35.89	21.1	36.14	1	V
43	42	3457.7	7551.6	12	5	2012	7:25	23	21.7	36.06	20.8	36.12	1	V
44	43	3503.0	7529.7	12	5	2012	16:51	31	23.6	36.24	21.8	36.18	1	V
45	44	3517.1	7526.2	13	5	2012	1:58	19	19.8	31.13	21.3	34.23	1	V
46	45	3530.3	7523.0	13	5	2012	11:52	20	18.7	99.99	20.4	34.29	1	V
47	46	3533.2	7508.9	16	5	2012	7:07	35	22.5	34.97	22.0	36.05	1	V
48	47	3540.0	7520.9	17	5	2012	5:55	28	20.7	32.05	20.0	35.84	1	V
49	48	3558.4	7528.9	17	5	2012	15:16	20	19.5	9999	14.5	33.59	1	V


36°N
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74°W
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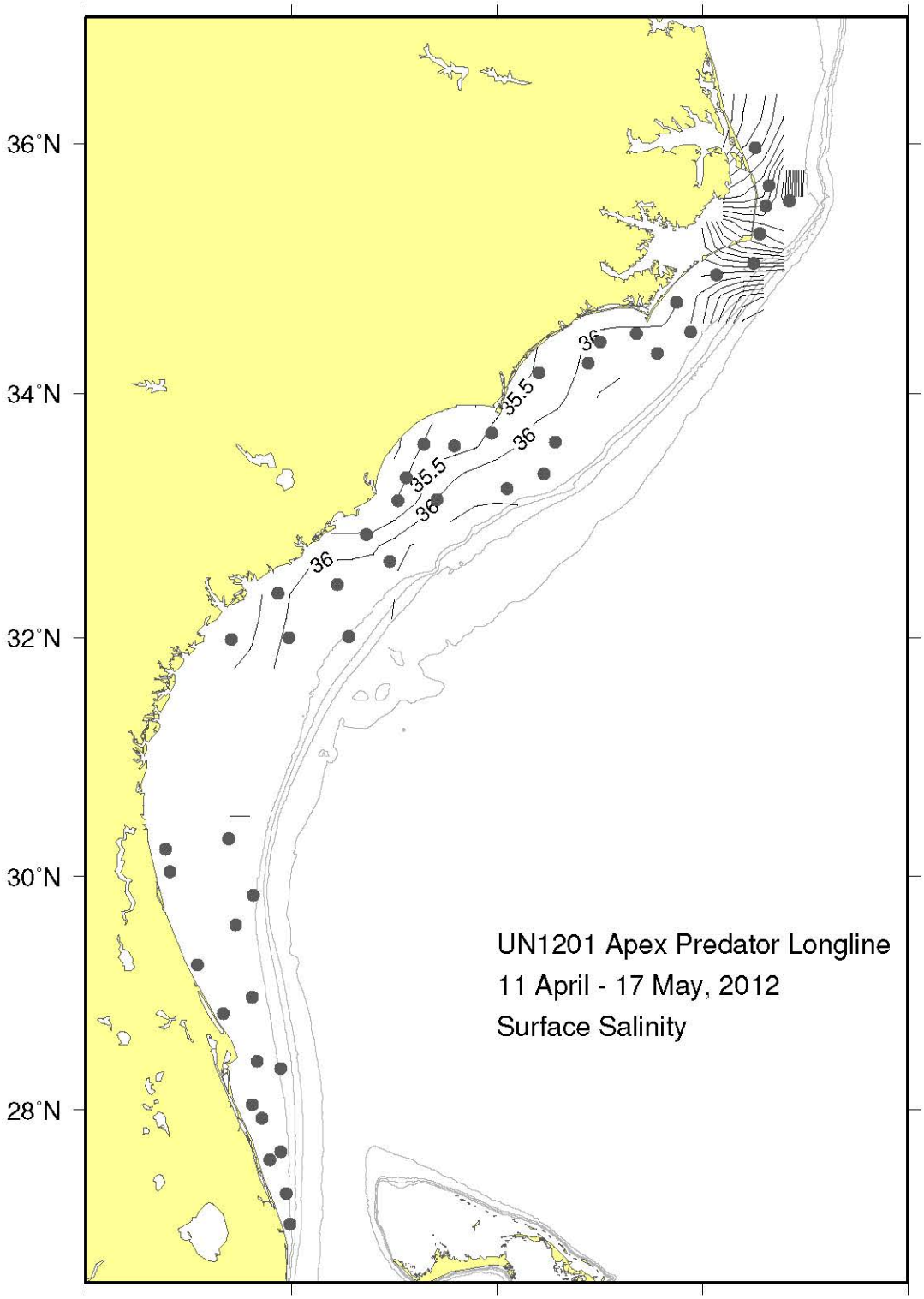
UN1201 Apex Predator Longline
11 April - 17 May, 2012
Surface Temperature (C)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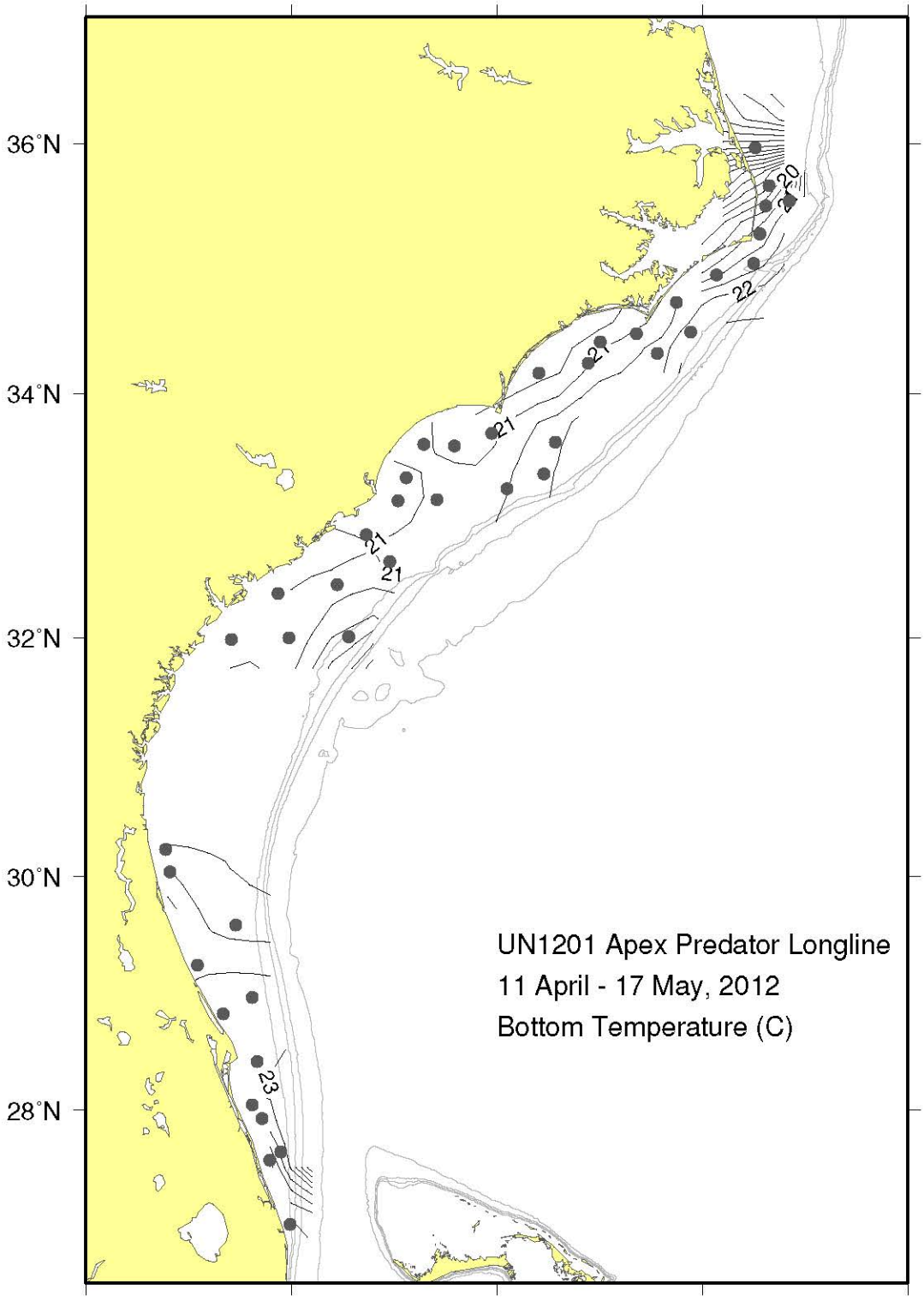
36
UN1201 Apex Predator Longline
11 April - 17 May, 2012
Surface Salinity


36°N
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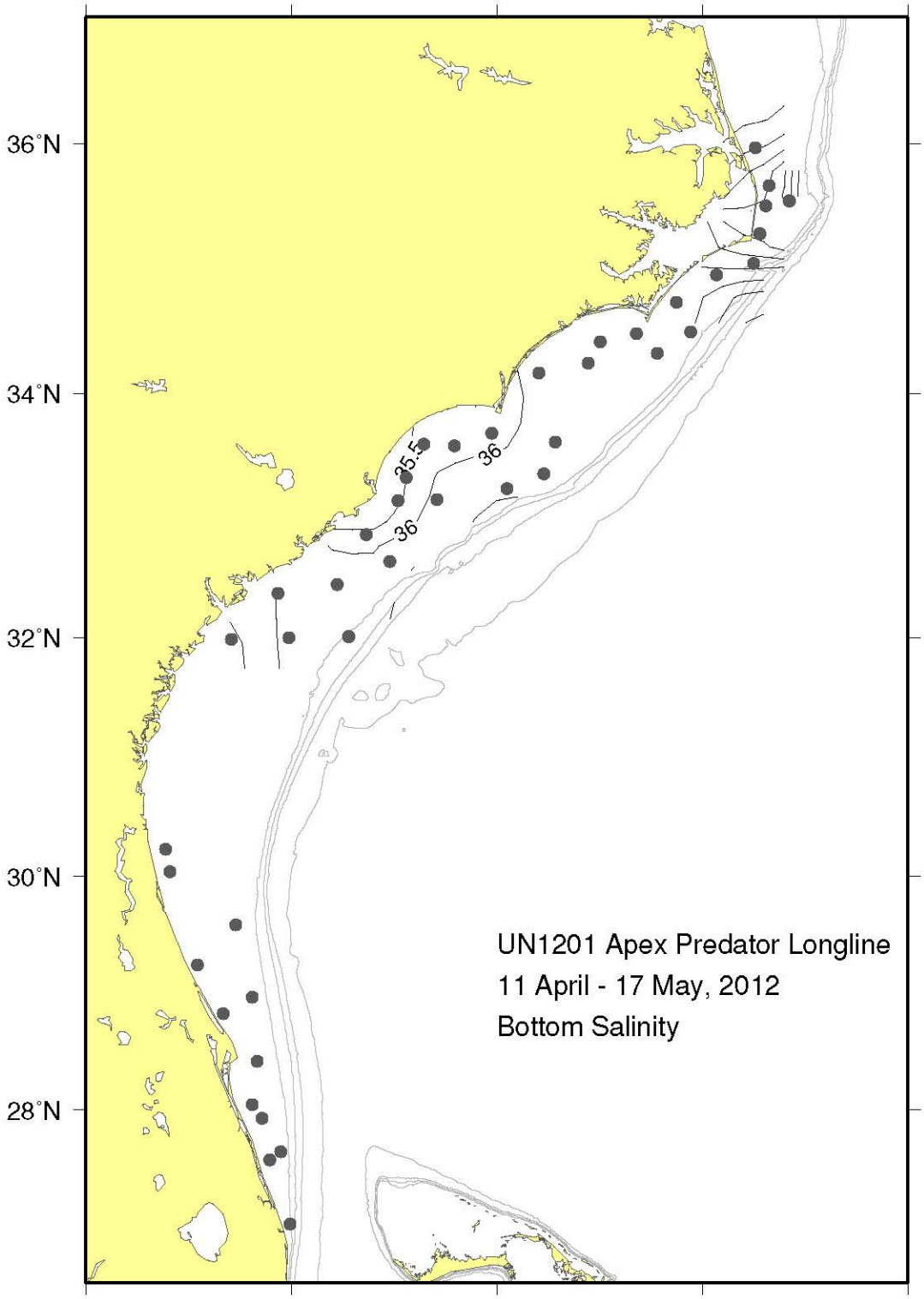
UN1201 Apex Predator Longline
11 April - 17 May, 2012
Bottom Temperature (C)


36°N
34°N
32°N
30°N
28°N
35.5
36
36
UN1201 Apex Predator Longline
11 April - 17 May, 2012
Bottom Salinity