

## **NOTE TO USER - 1977**

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Appended find:

January, 1977

February, 1977

March, 1977

April, 1977

May, 1977

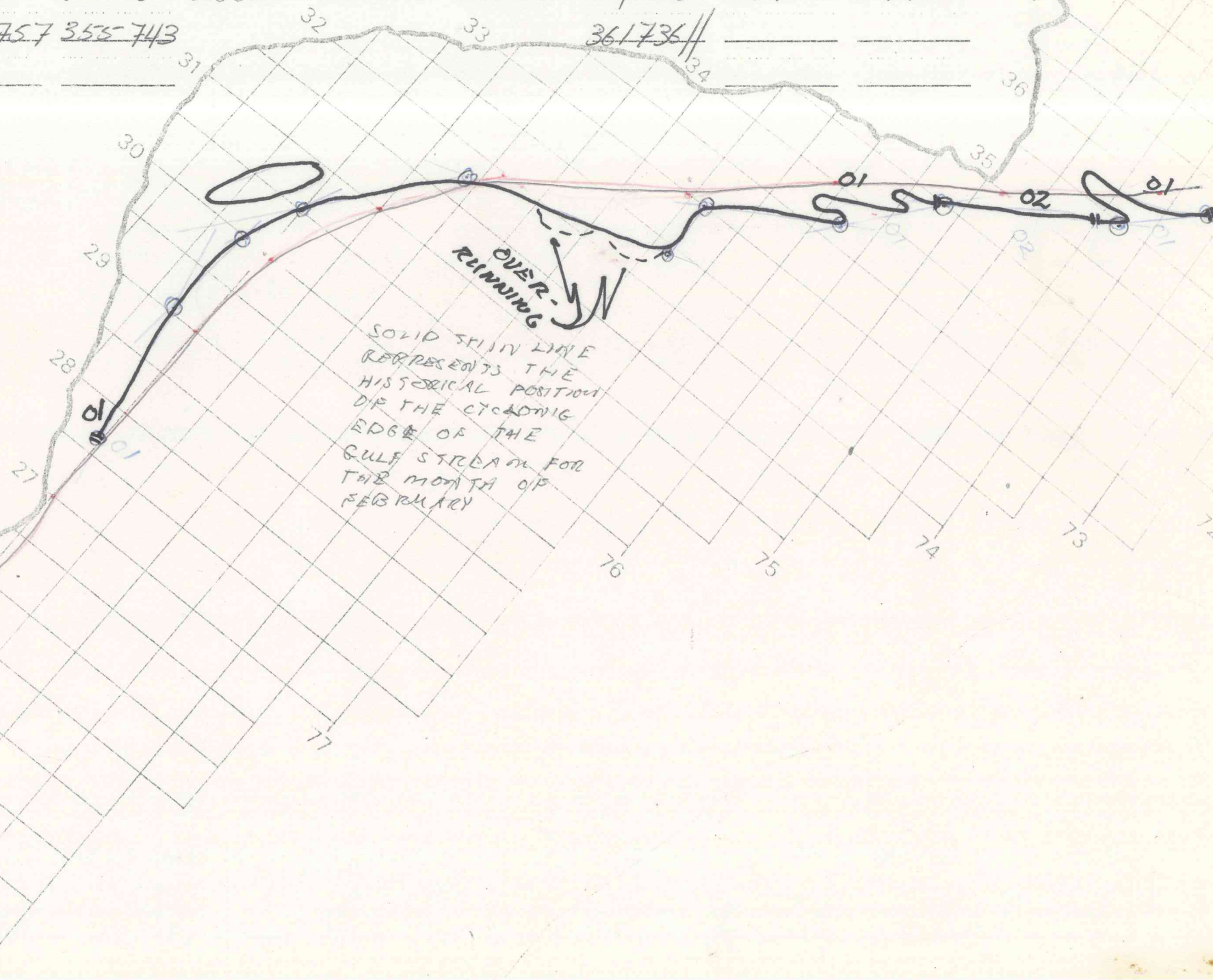
June, 1977

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

276800 290803 300802 305800 318791 324778 330778 337763

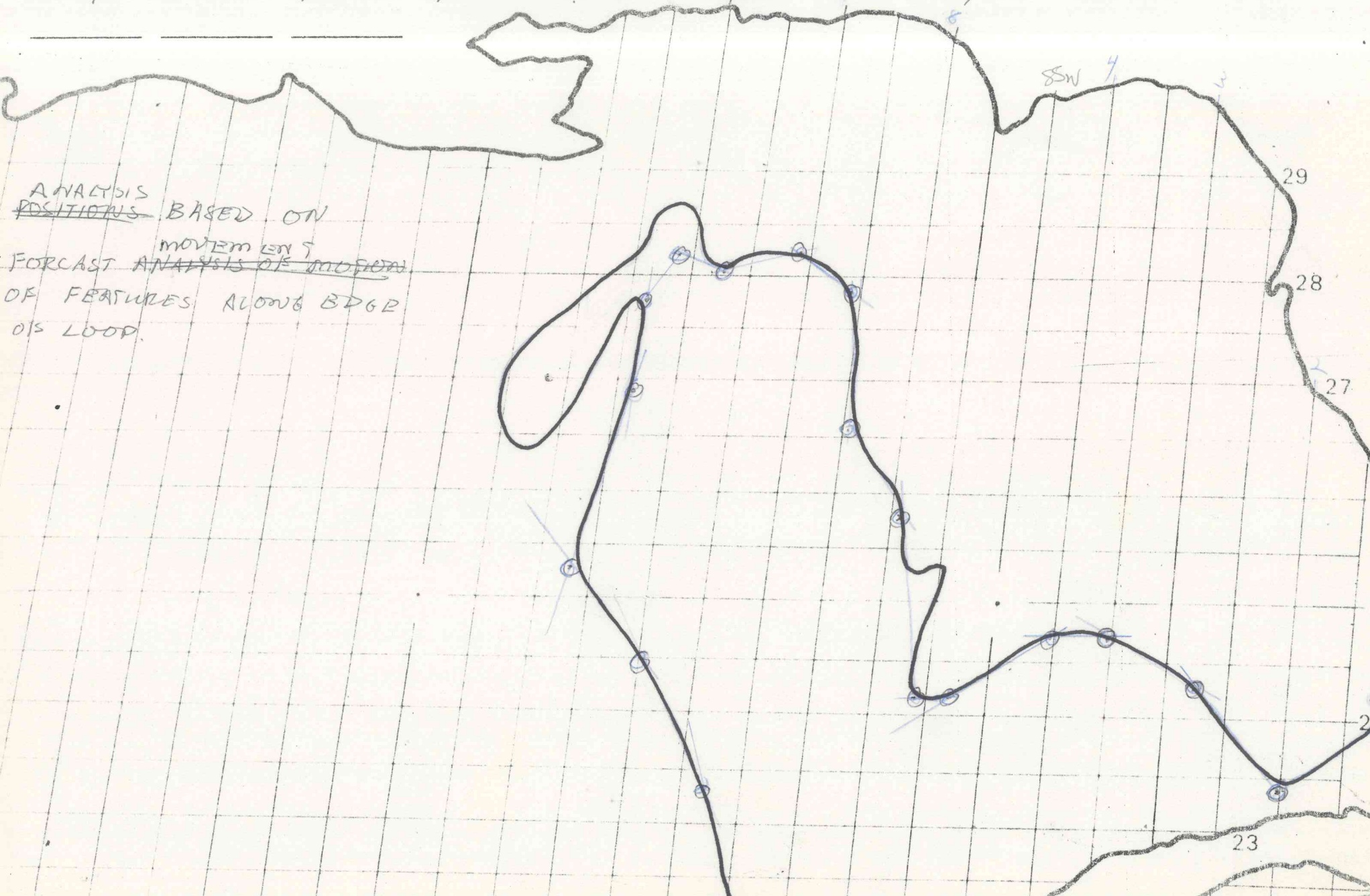
345757 355743

361736



CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222869 233878 245880 253887 269884 277884 282881 281877 282871 278866  
266864 258859 242856 242833 247840 247835 243827 234820 242810



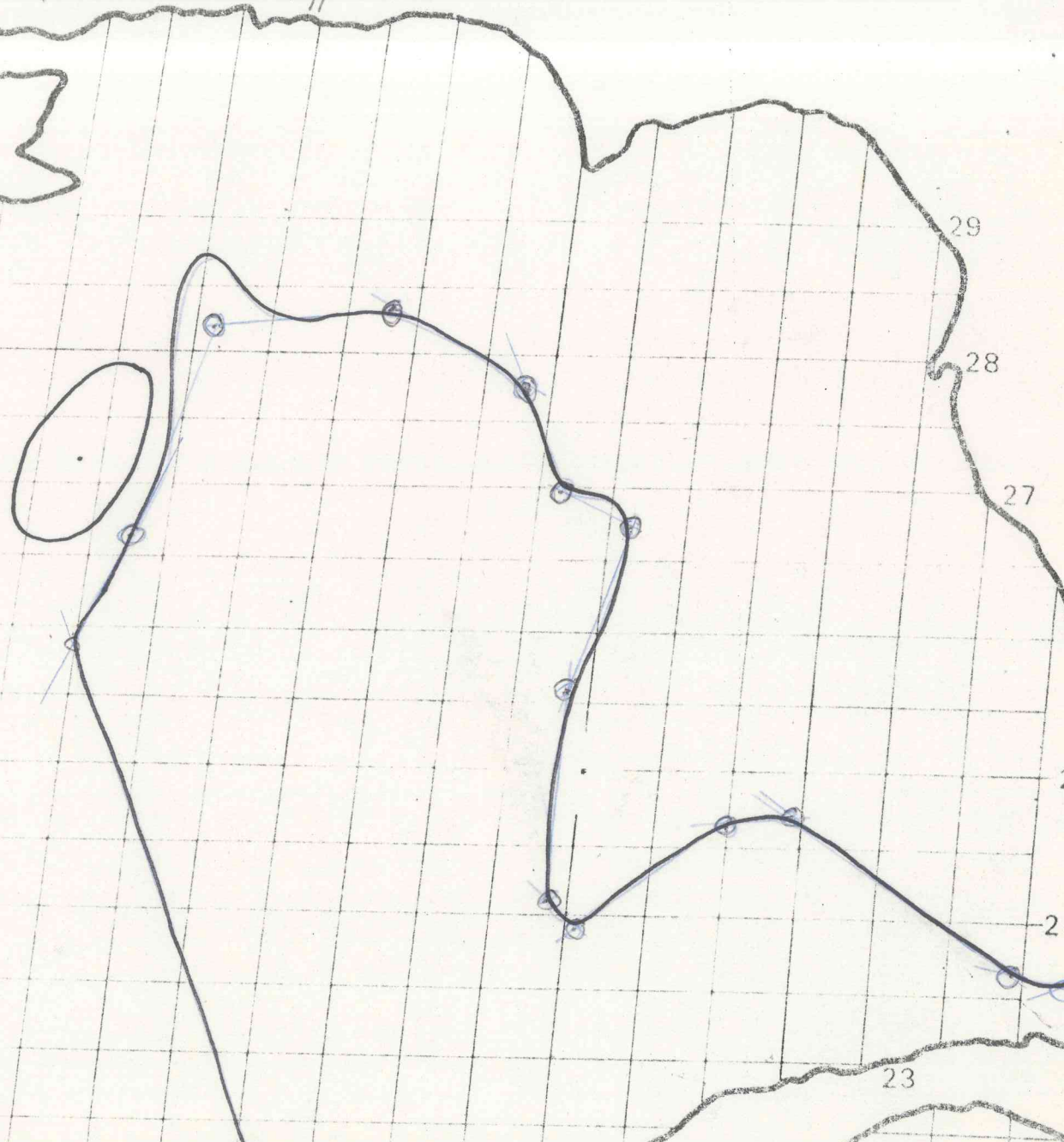


CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222869 254885 266882 282879 283862 278857 270854 268848 256852 241851  
 239849 246840 247836 237821 236817 237814//

CUT OFF EDDY  
 CENTERED NEAR  
 272887//

POSITIONS BASED ON  
 FORECAST MOVEMENT  
 OF FEATURES ALONG  
 EDGE OF LOOP --  
 EXCEPT ACTUAL POSITIONS  
 THROUGH STRAITS OF FLORIDA.

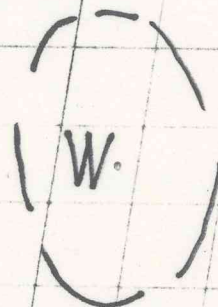




CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222871 256892 264884 269882 273884 277882 287863 272852 260842 255836  
251836 245834 238824 236816 //

WARM EDDY  
 CENTERED NEAR  
 273896



29

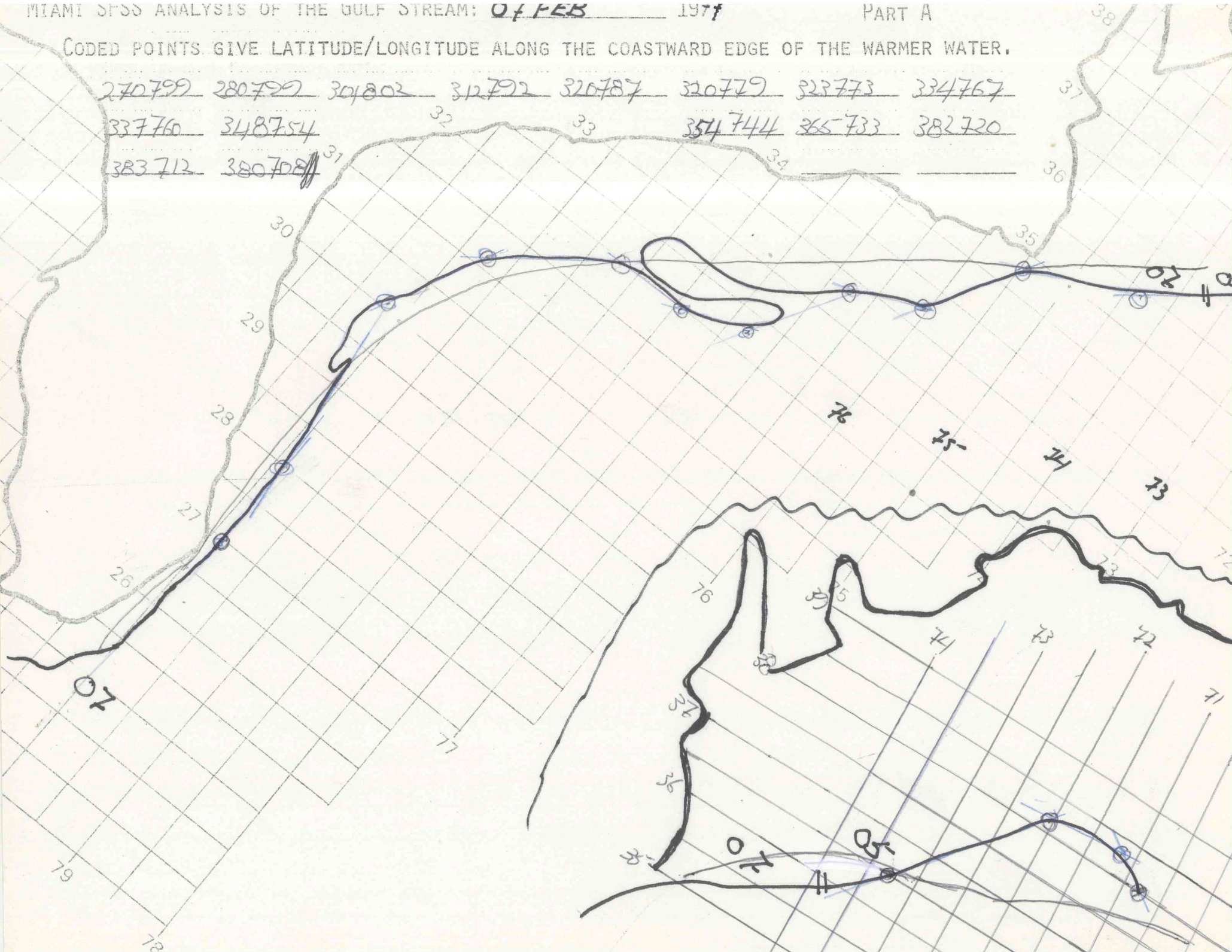
28

27

23

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<u>270799</u>	<u>280799</u>	<u>301803</u>	<u>312792</u>	<u>320787</u>	<u>320779</u>	<u>323773</u>	<u>334767</u>
<u>337760</u>	<u>348754</u>				<u>354744</u>	<u>365733</u>	<u>382720</u>
<u>383712</u>	<u>380708</u>						





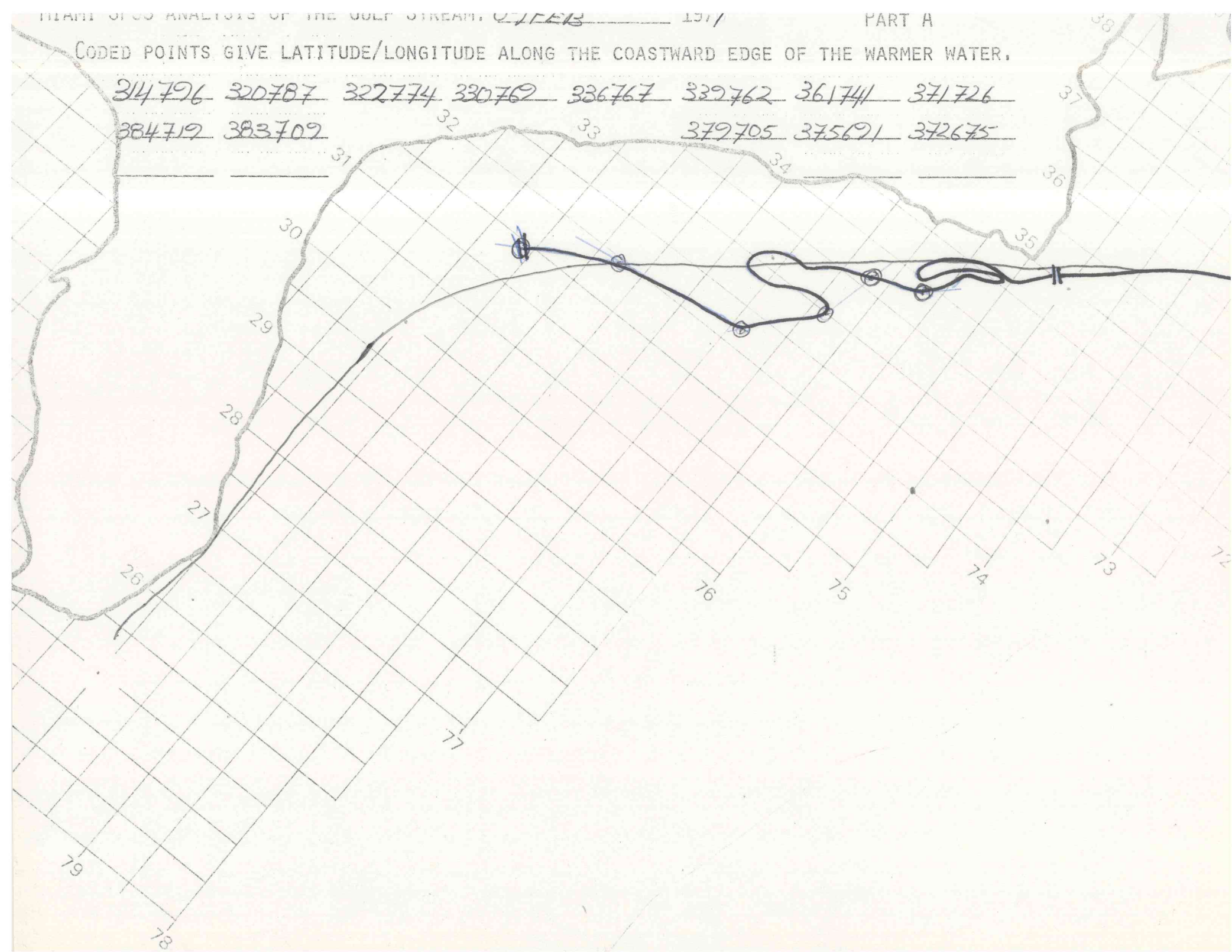
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222871 236877 257892 264885 270882 275884 283875 286874 287869 280861  
 275860 268861 266858 263850 257845 252834 246833 243832 238825 235816  
 235814//



CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

314796 320787 322774 330769 336767 339762 361741 371726  
384719 383702 379705 375691 372675





01 FEB  
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

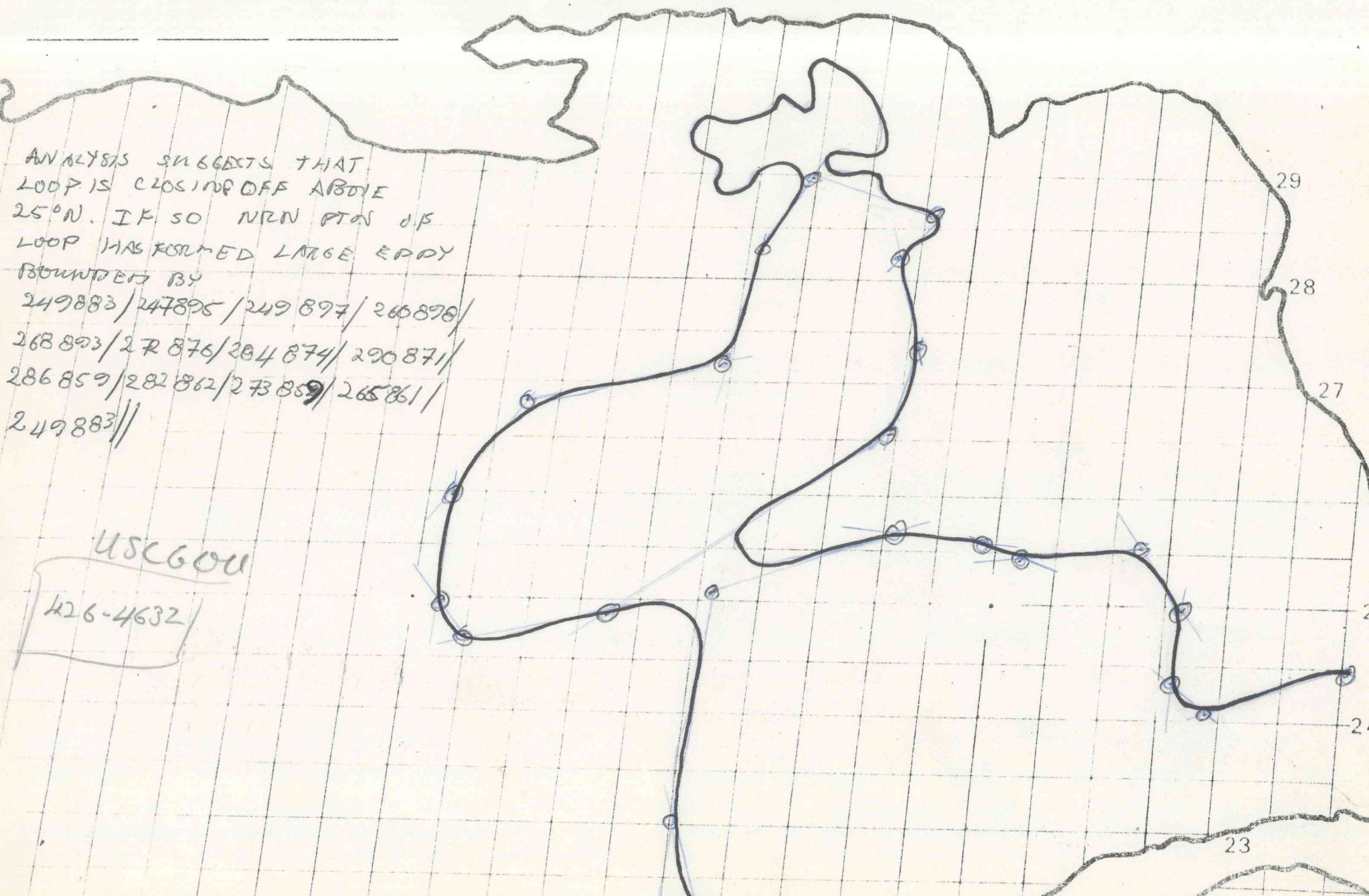


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 11 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222872 230875 251874 257859 256851 255848 250833 244834 241831 245820





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

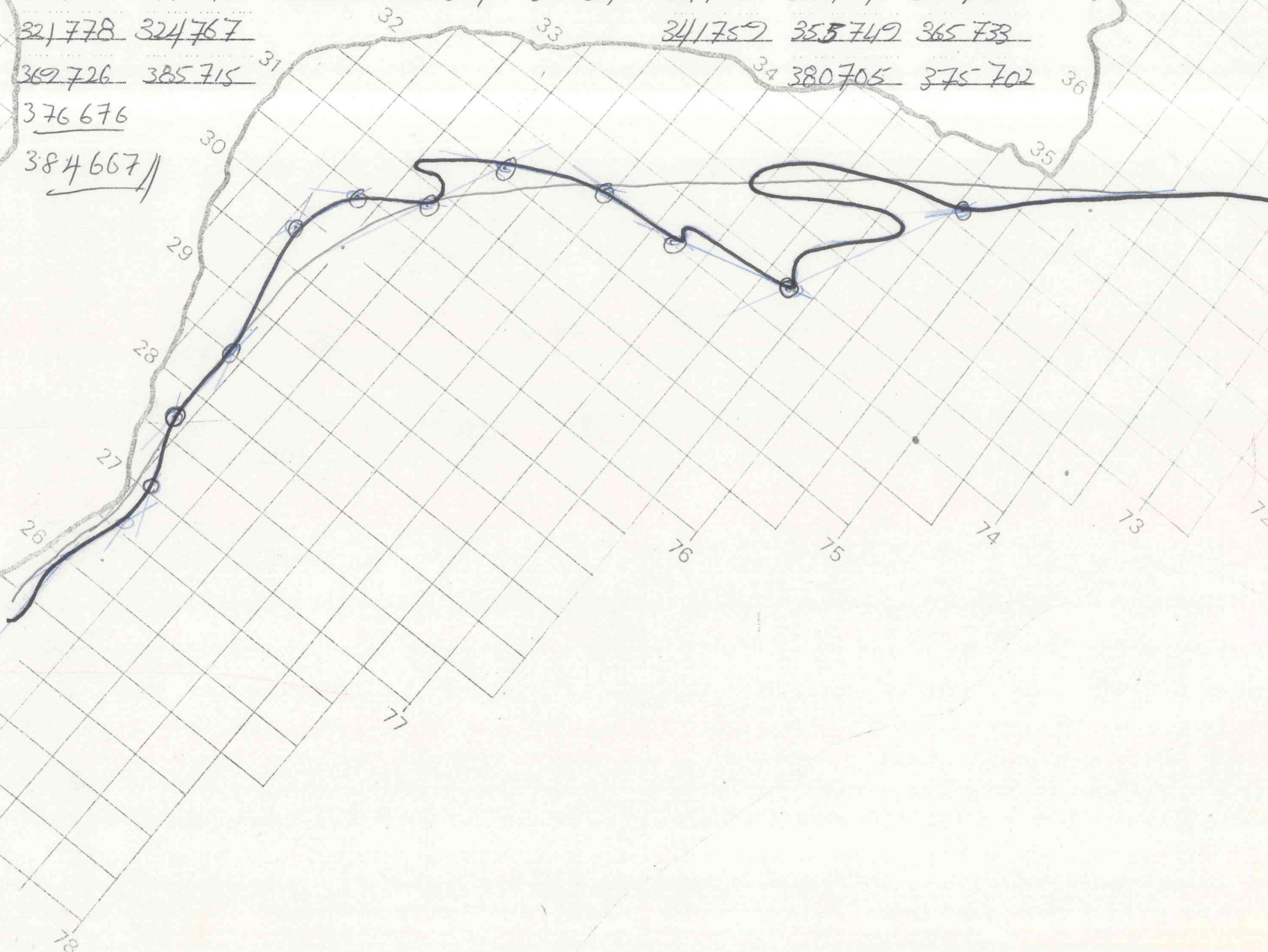
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321 778 324 767 341 759 353 749 365 733

369 726 385 715 380 705 375 702

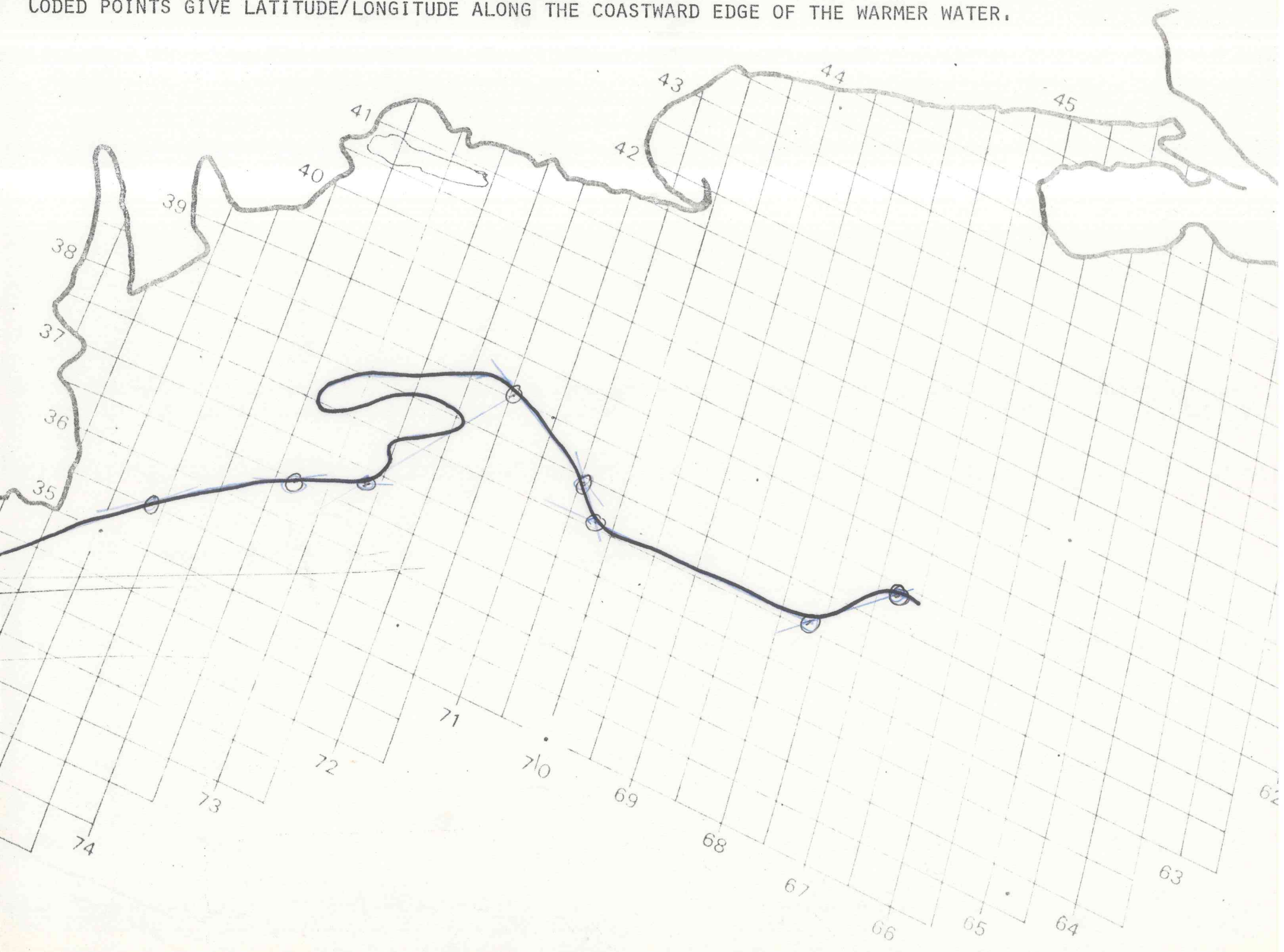
376 676

384 667 //



CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

The map shows a coastline on the left and top edges, with points labeled 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, and 45. A path of coded points is drawn across the grid, starting from the bottom left and moving towards the top right. The path is marked with circles and crosses, and labeled with numbers 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, and 74. The path starts at point 74 (approx. 35.5, 74.5) and ends at point 63 (approx. 36.5, 63.5). The path is marked with circles and crosses, and labeled with numbers 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, and 74. The path starts at point 74 (approx. 35.5, 74.5) and ends at point 63 (approx. 36.5, 63.5).

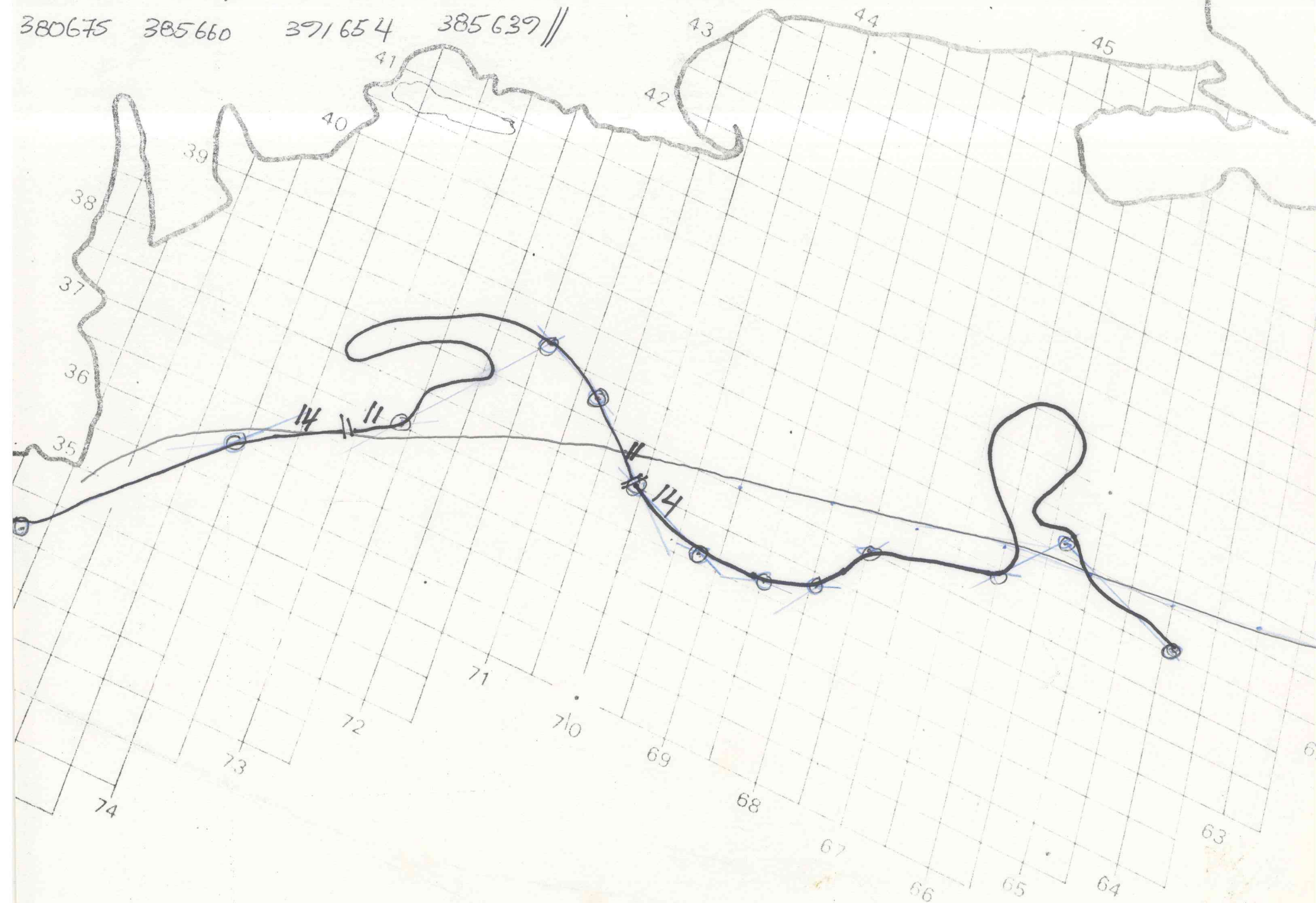




1-2 14  
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

341757 360741 370726 386714 383707 375701 371692 371685 374680

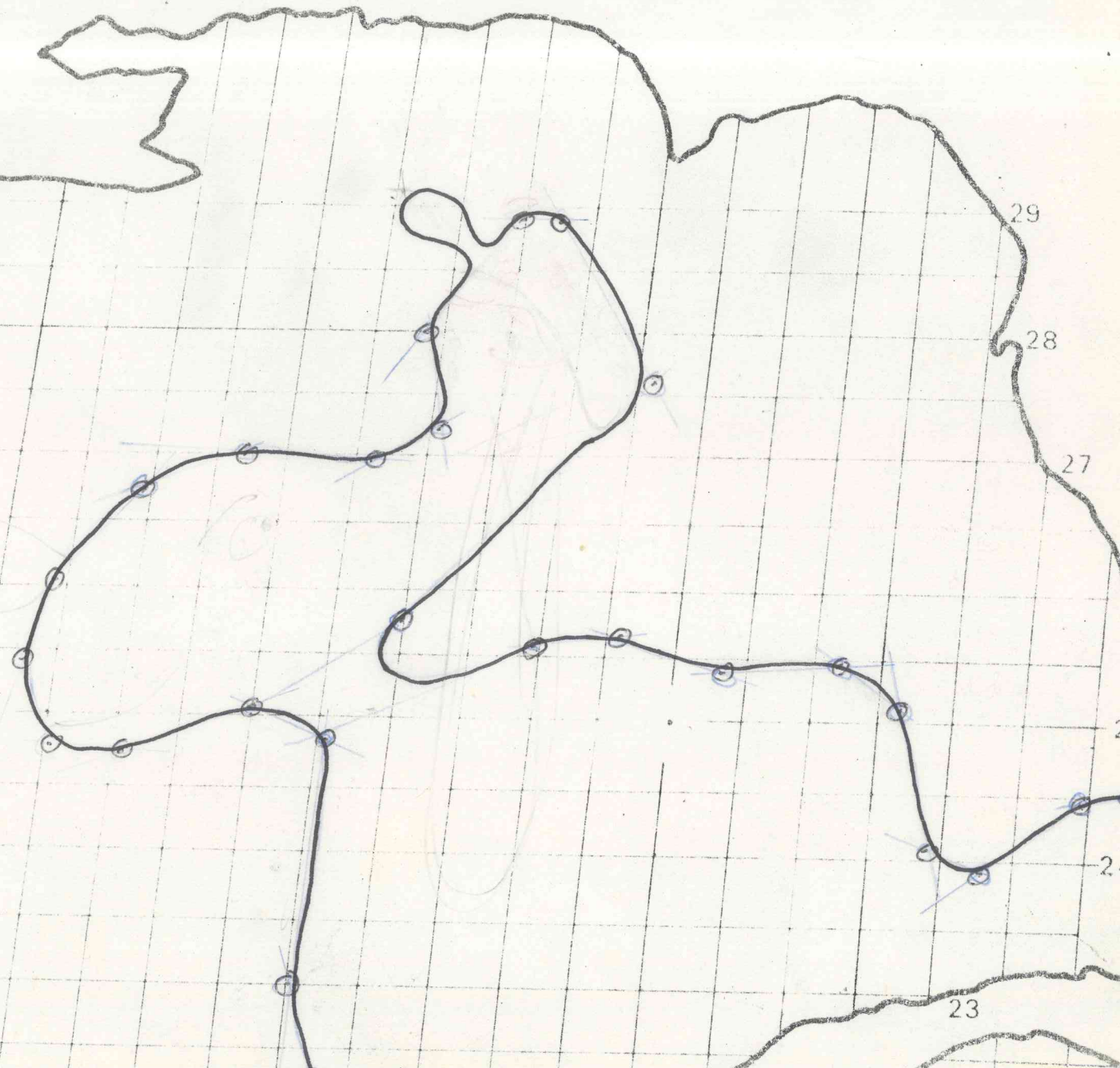
380675 385660 391654 385639 //



CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

223872 230875 249874 256860 257854 254847 255833 251834 241831 239827  
244821 245816||

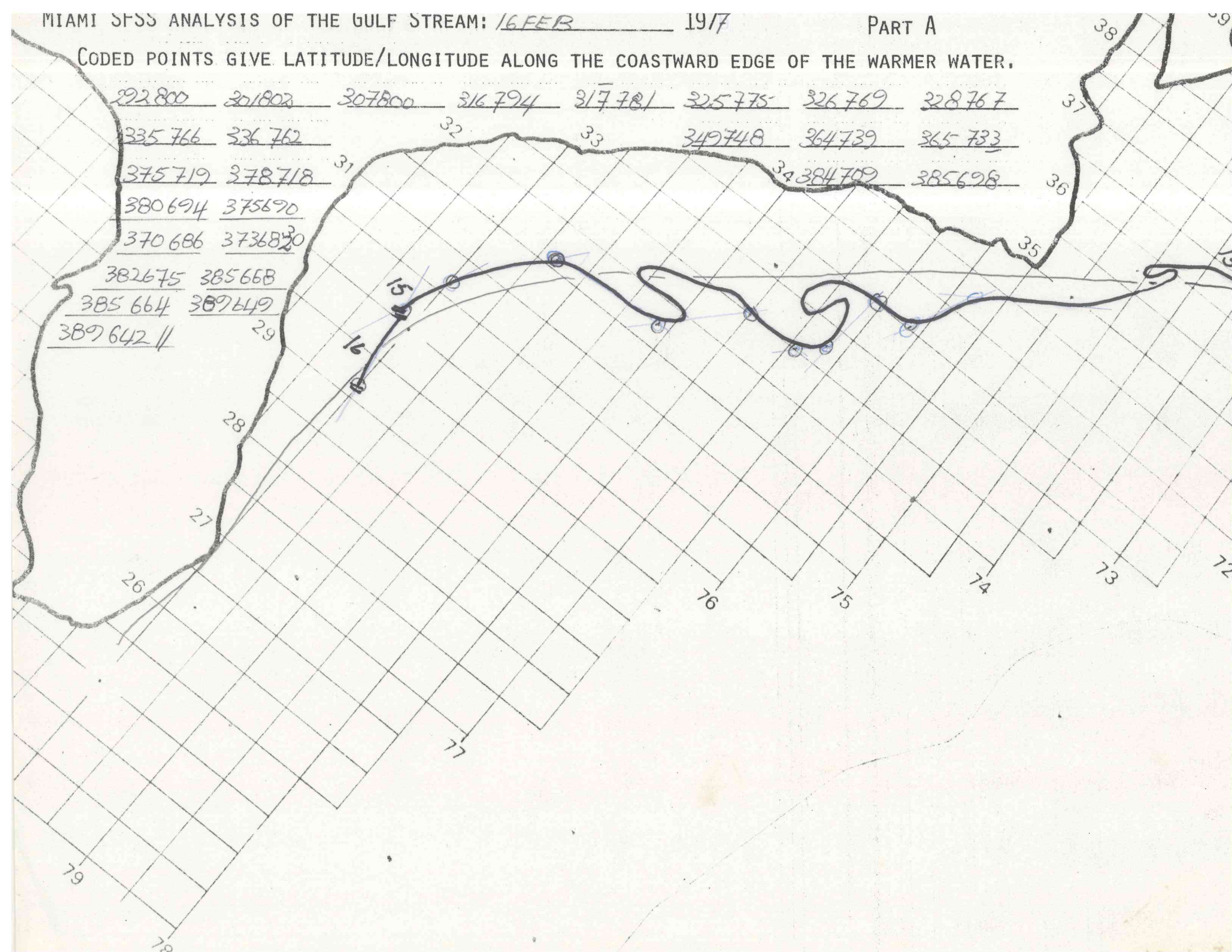
ANALYSIS SUGGESTS THAT  
LOOP IS CLOSING OFF  
ABOVE 25°N. IF SO,  
WRN PTN OF LOOP HAS  
FORMED A LARGE EDDY  
BOUNDED BY: 250880/  
248889/2418895/254892/  
260896/267891/270883/  
270874/272869/280871/  
289865/289863/276854/  
258870/250880||





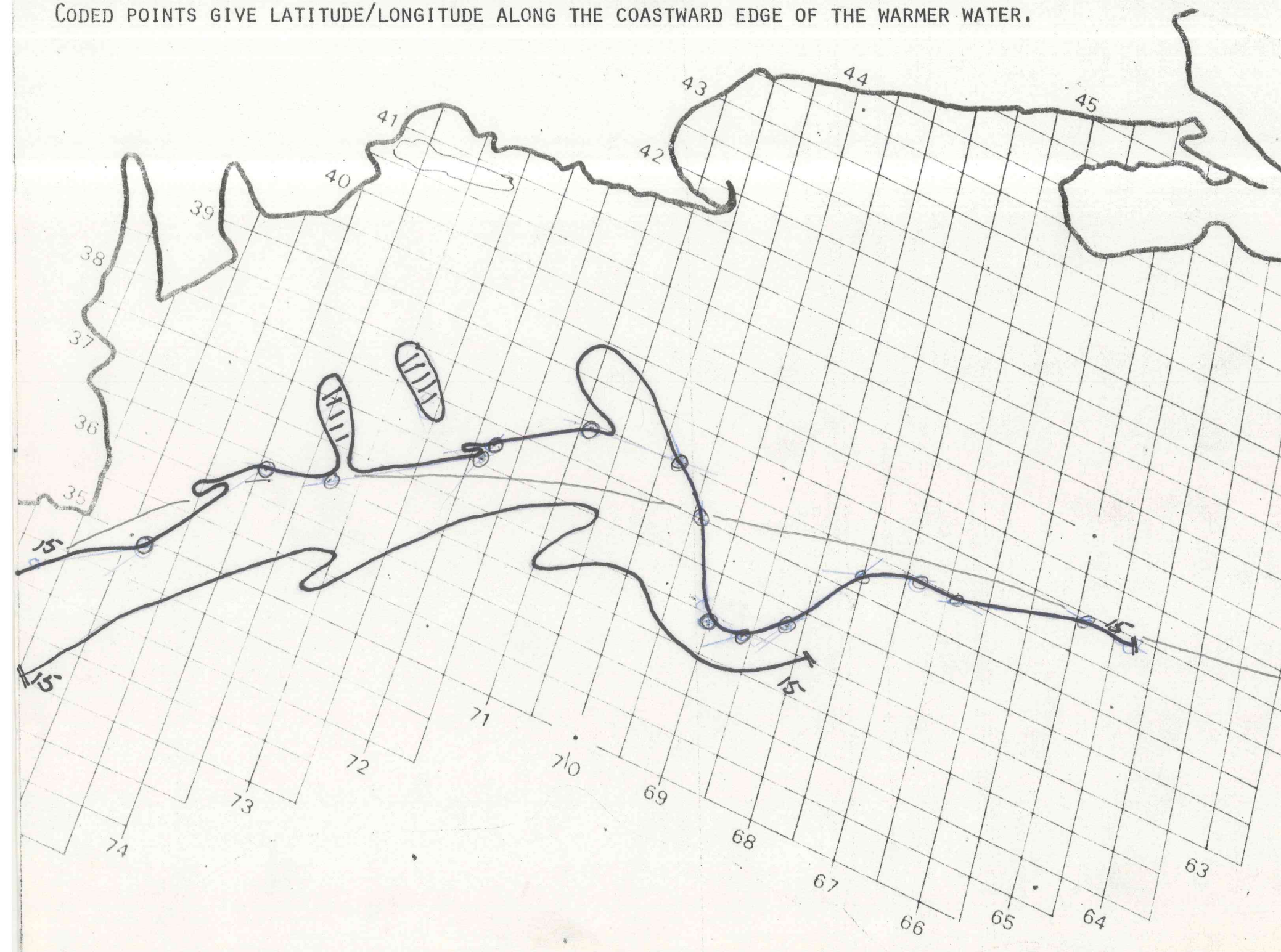
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<u>292800</u>	<u>201802</u>	<u>307800</u>	<u>316794</u>	<u>317781</u>	<u>325775</u>	<u>326769</u>	<u>328767</u>
<u>335766</u>	<u>336762</u>				<u>349748</u>	<u>364739</u>	<u>365733</u>
<u>375719</u>	<u>378718</u>				<u>34384709</u>	<u>385698</u>	
<u>380694</u>	<u>375690</u>						
<u>370686</u>	<u>3736820</u>						
<u>382675</u>	<u>385668</u>						
<u>385664</u>	<u>389649</u>						
<u>389642 //</u>							





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.



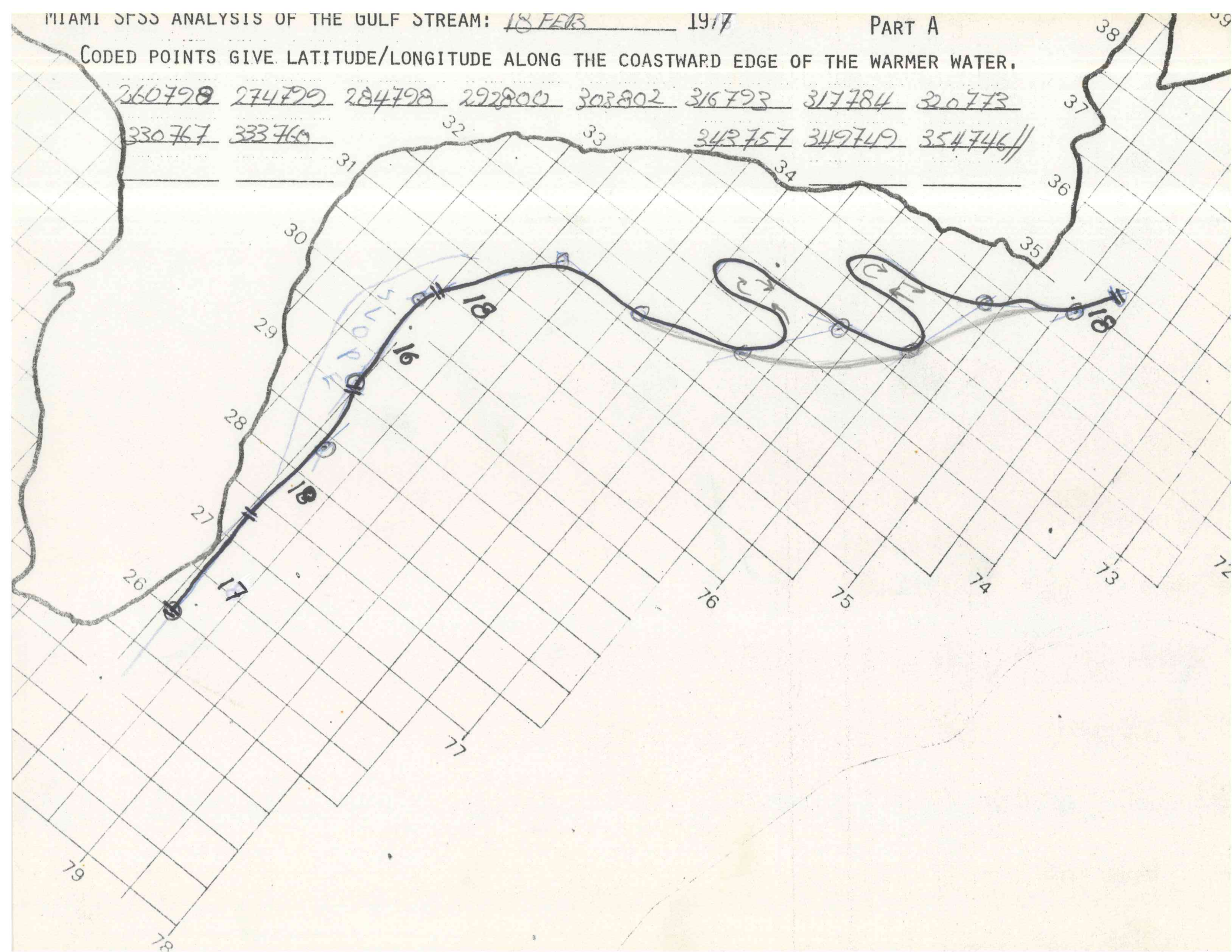


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 FEB 1917

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

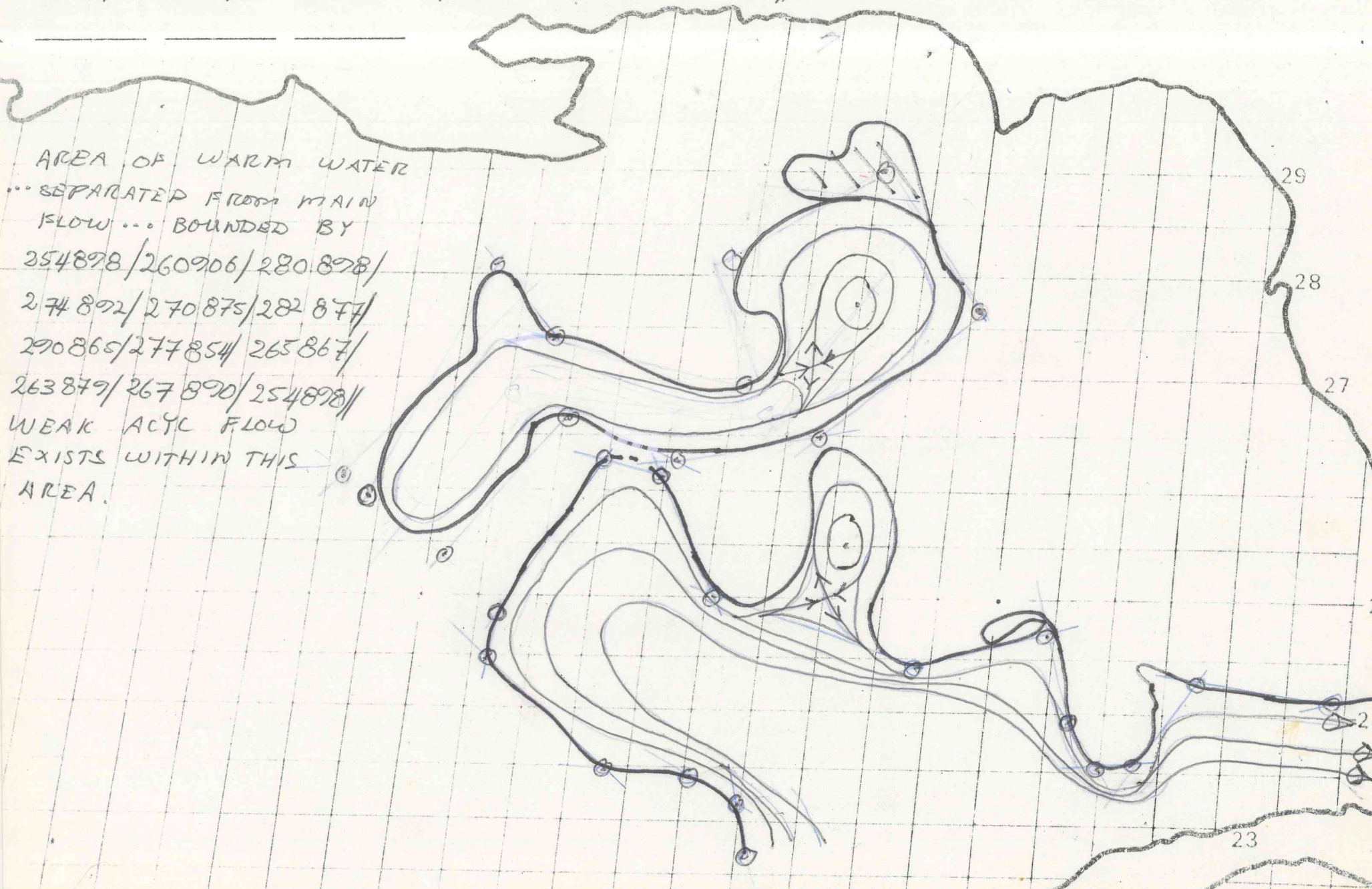
260798 274799 284798 292800 303802 316793 317784 320773  
330767 333760 343757 349749 354746 //





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

227869 232870 234875 245893 248893 263885 262880 250875 245856 247840  
239843 235840 236832 243832 242820 243815 //





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

2416840 265795 268798 296800 308799 315790 322770 335757

345755 350750

32

33

34

36

35

30

29

28

27

26

21

79

78

77

76

75

74

73

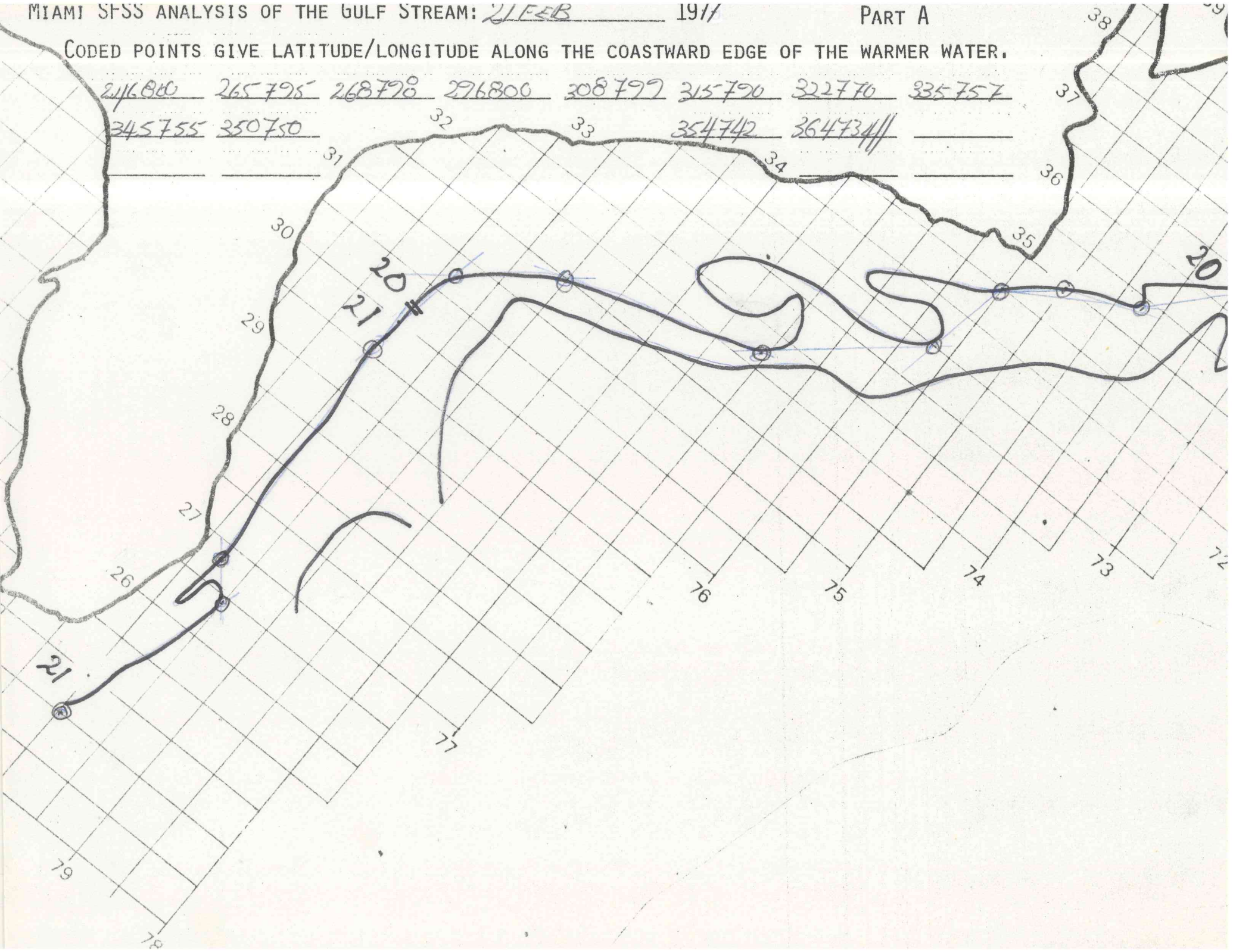
72

37

38

39

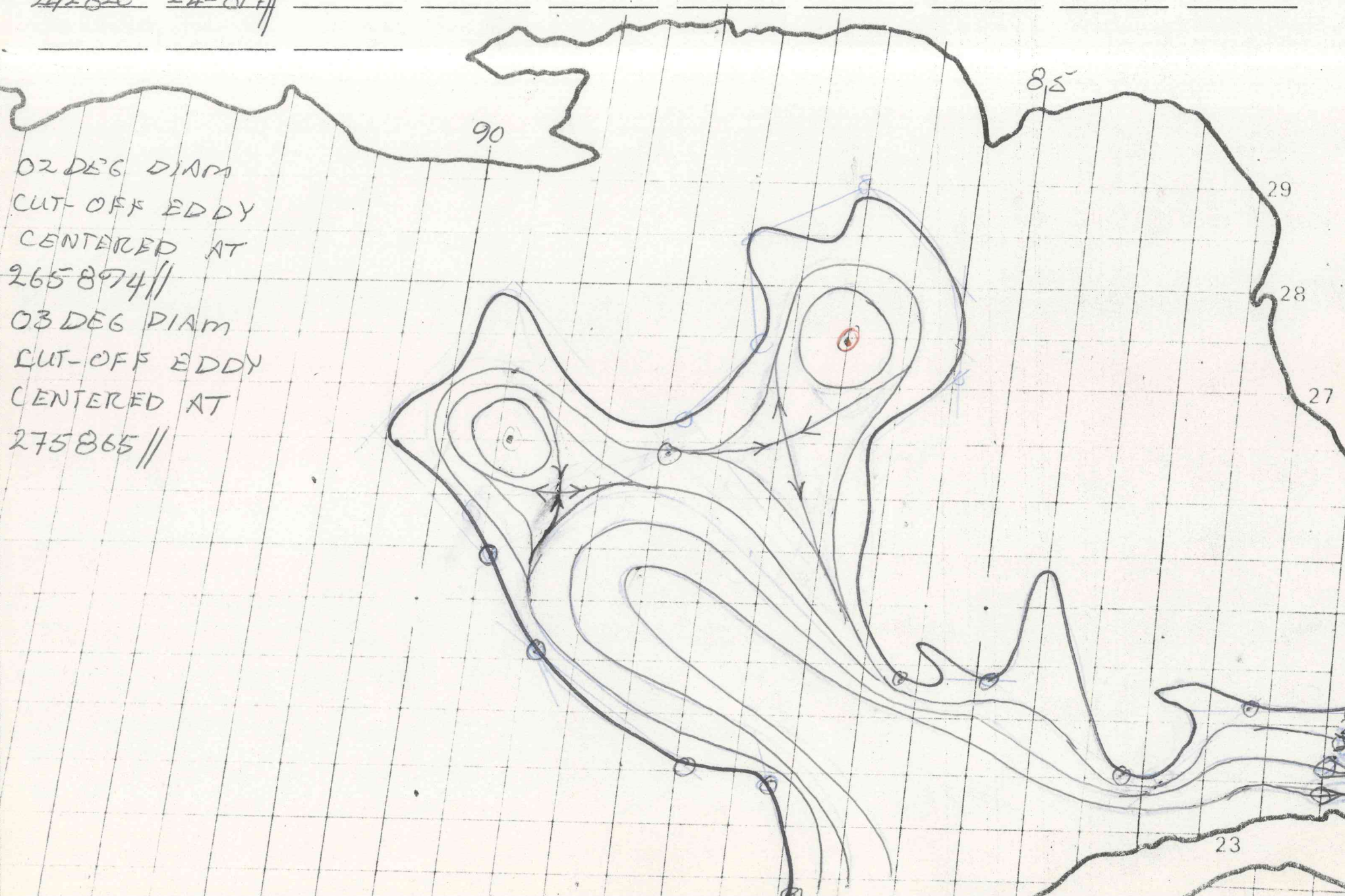
20





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

224864 234867 235874 246889 255894 264879 244857 244849 235837 235833  
242826 242817 //





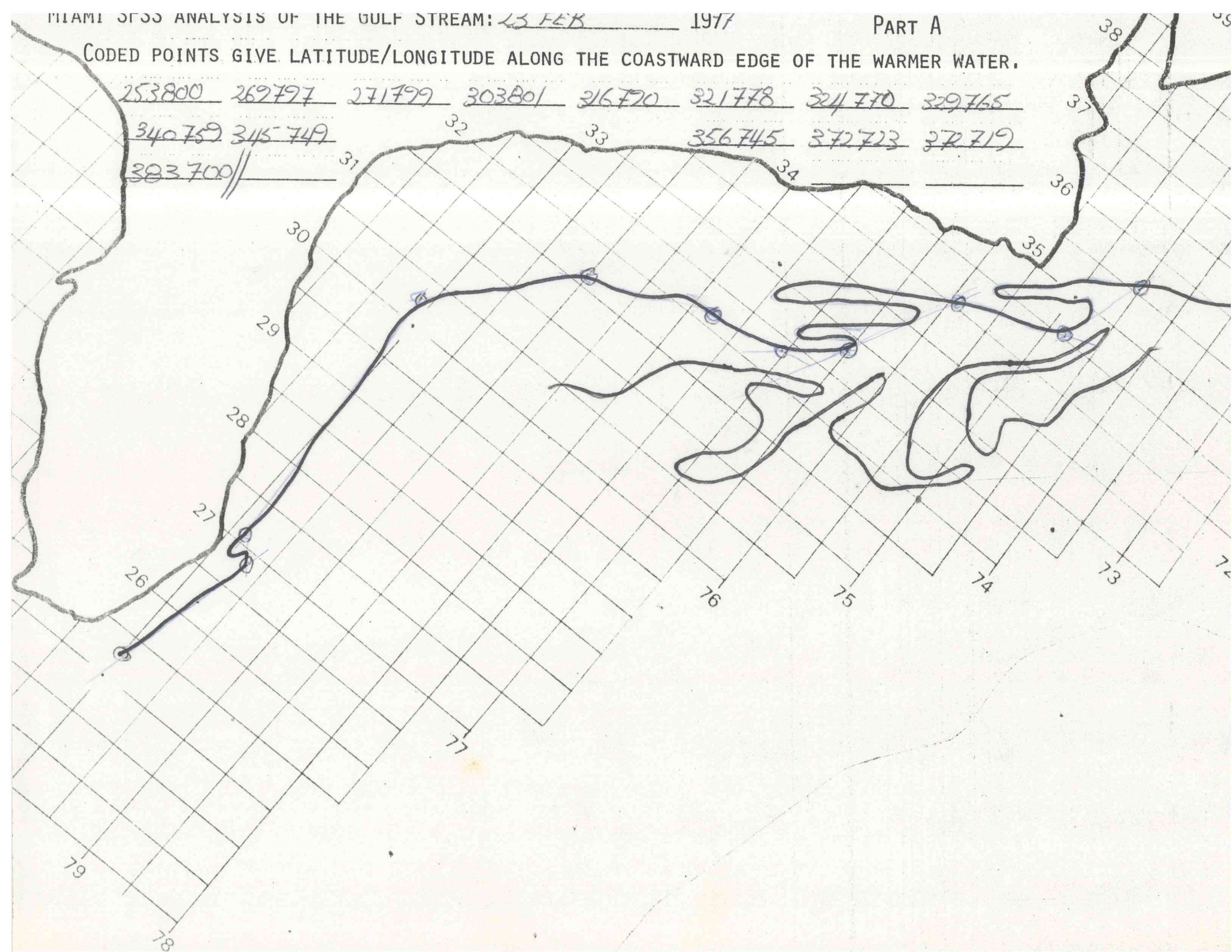
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

253800 269797 271799 303801 316790 321778 324770 329765

340759 345749

383700 //

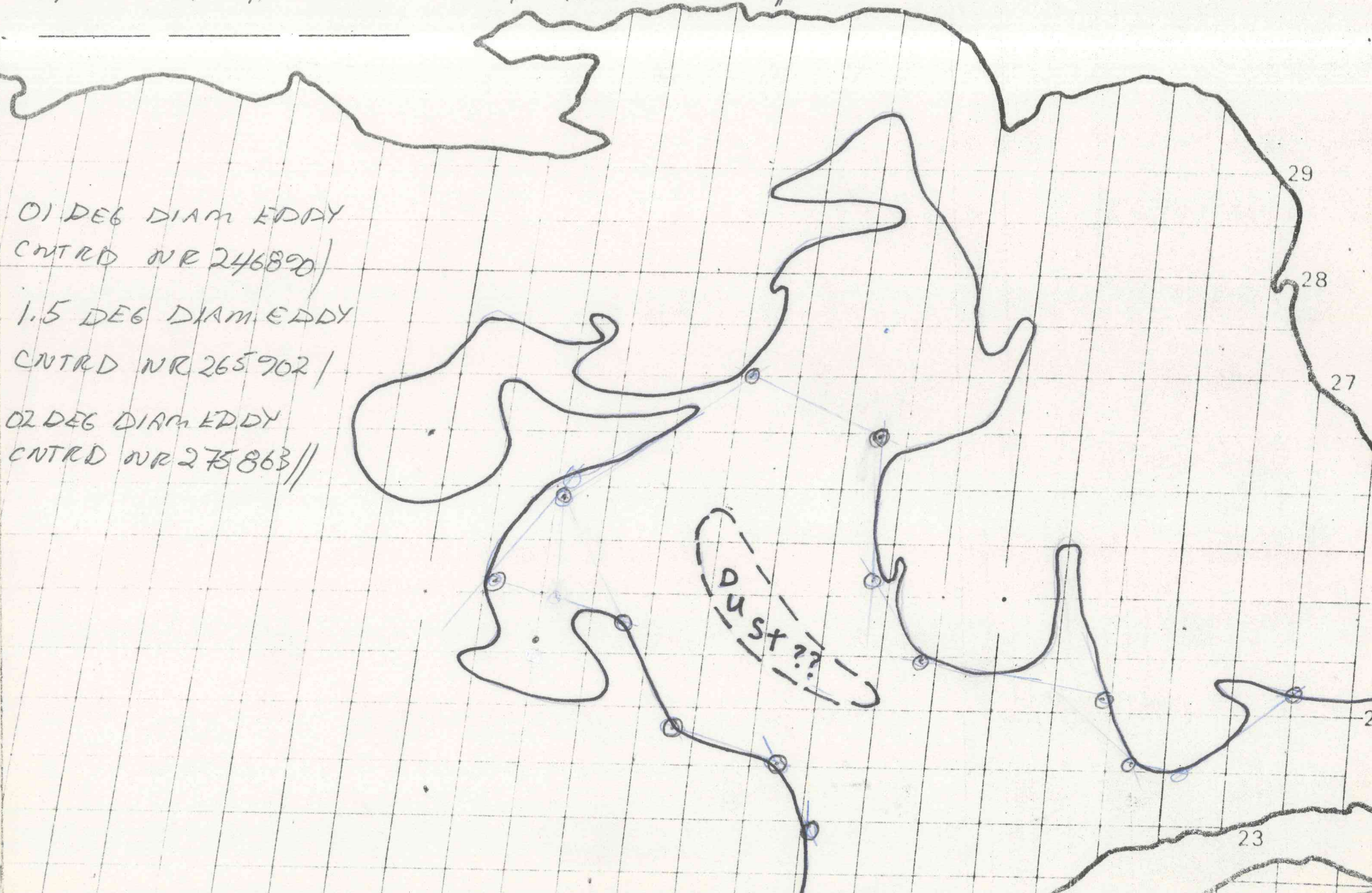
356745 372723 377719





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

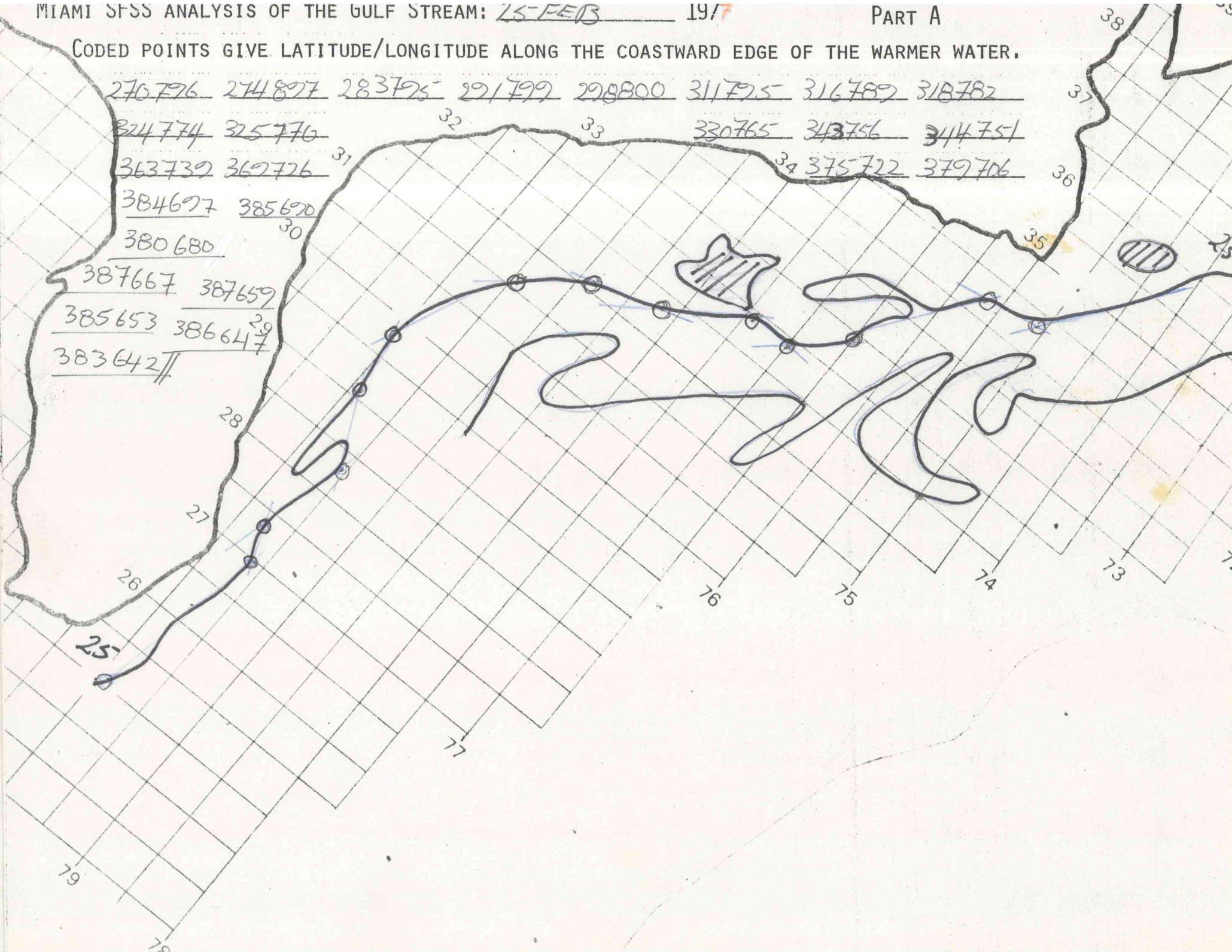
222864 229864 235868 238877 248882 251894 259889 270874 265862 252861  
245856 242841 236838 235834 242825 212817//





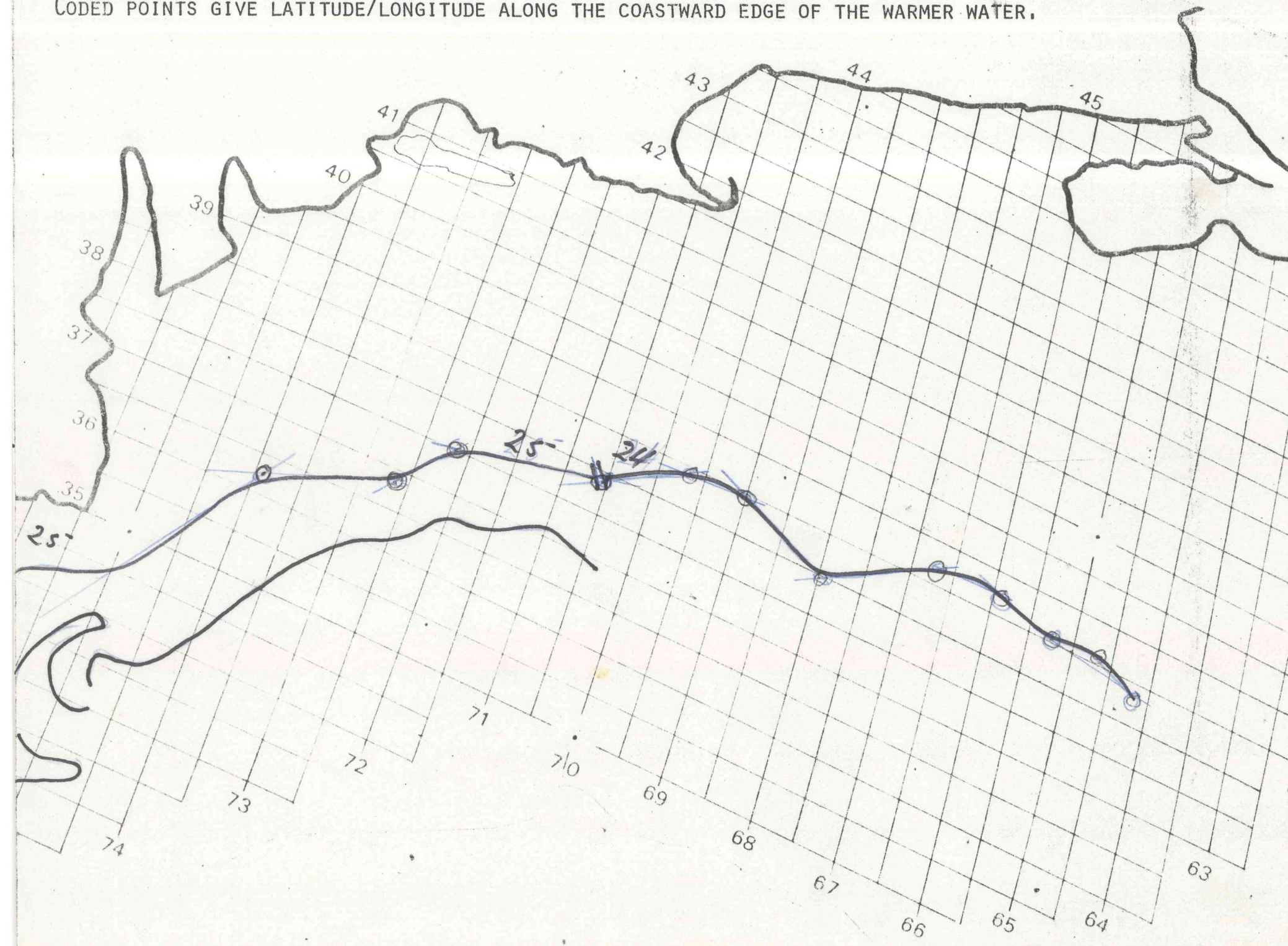
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<u>270776</u>	<u>274877</u>	<u>283795</u>	<u>291799</u>	<u>298800</u>	<u>311725</u>	<u>316789</u>	<u>318782</u>
<u>324774</u>	<u>325776</u>			<u>330765</u>	<u>343756</u>	<u>344751</u>	
<u>363739</u>	<u>369726</u>			<u>375722</u>	<u>379706</u>		
<u>384677</u>	<u>385670</u>						
<u>380680</u>							
<u>387667</u>	<u>387659</u>						
<u>385653</u>	<u>386647</u>						
<u>383642</u>							





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.





WEEKLY SEA CURRENT (SC) CHART showing  
SC as defined in CG-308. The chart is  
based on a subjective analysis of  
various data sources.

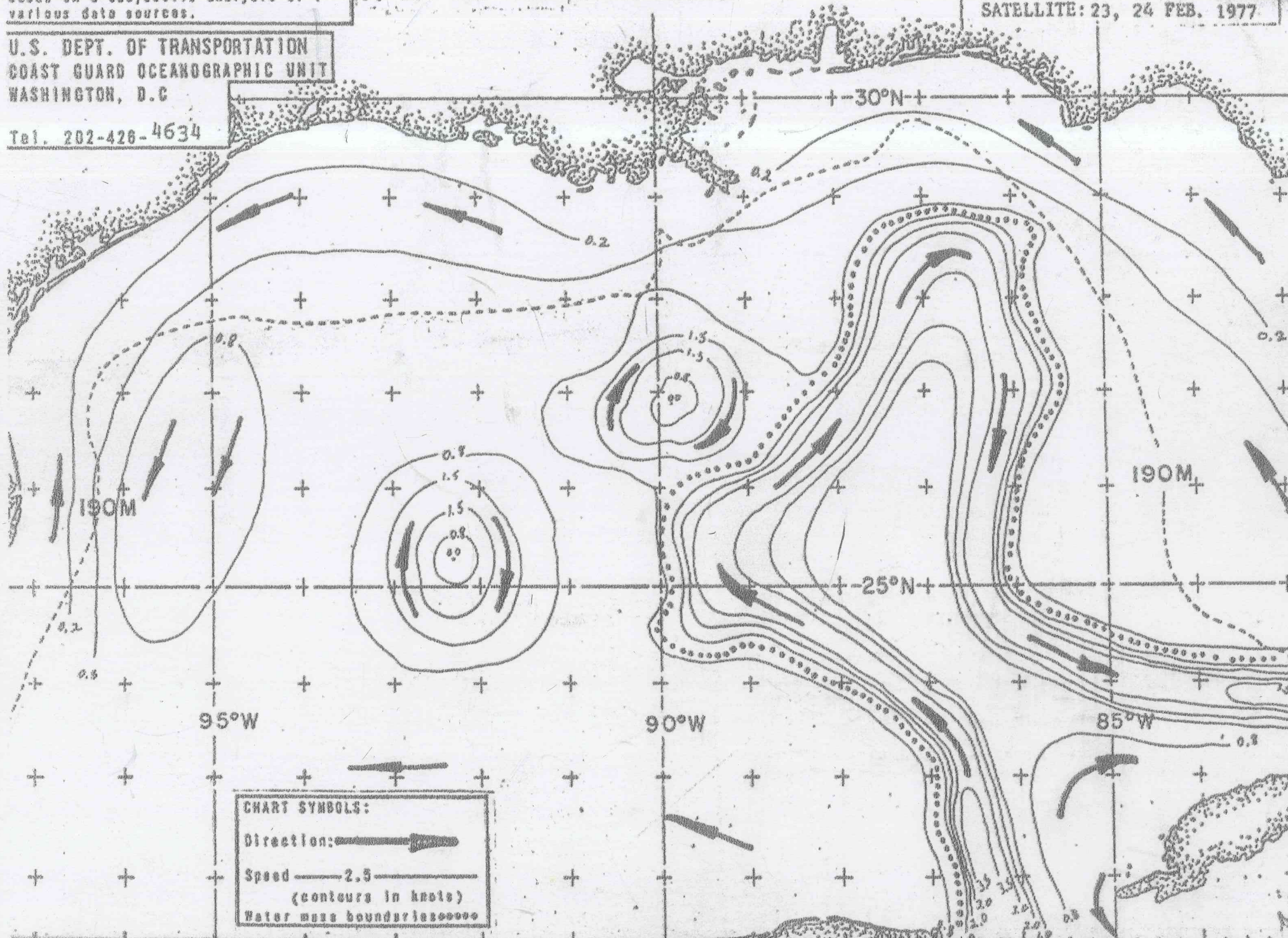
PREPARED ON — 25 FEB. 1977  
DO NOT USE AFTER — 4 MARCH 1977

LATEST INFRARED DATA USED:

SATELLITE: 23, 24 FEB. 1977

U.S. DEPT. OF TRANSPORTATION  
COAST GUARD OCEANOGRAPHIC UNIT  
WASHINGTON, D.C.

Tel. 202-426-4634





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222862 234865 240874 246874 242851 245841 236832 236828 243819//

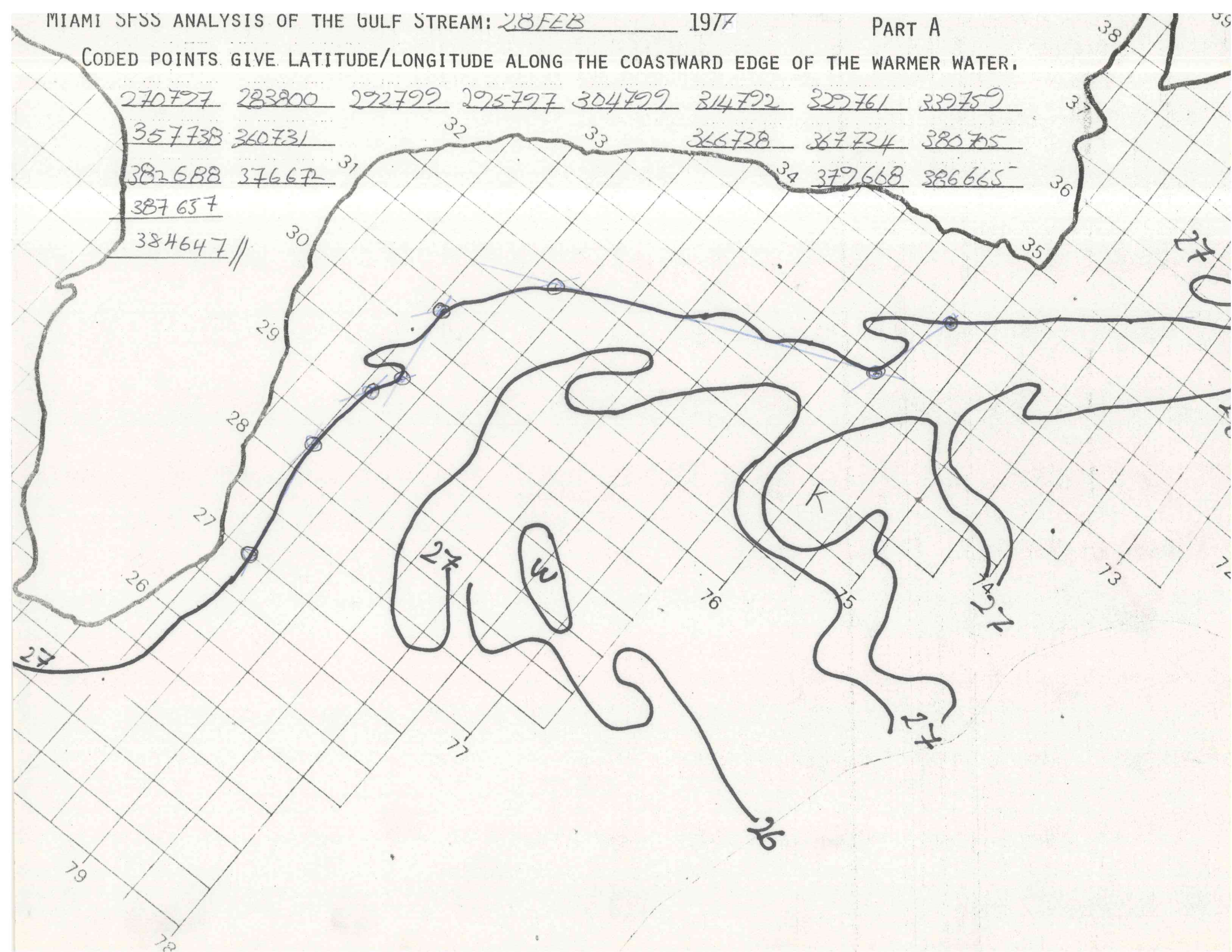
01 DEG DIAM CUTOFF  
EDDY CTRD NR 251891.  
1.5 DEG DIAM <sup>CUTOFF</sup> EDDY CTRD  
NR 264904.  
02 DEG DIAM CUTOFF  
EDDY CTRD NR 274863.





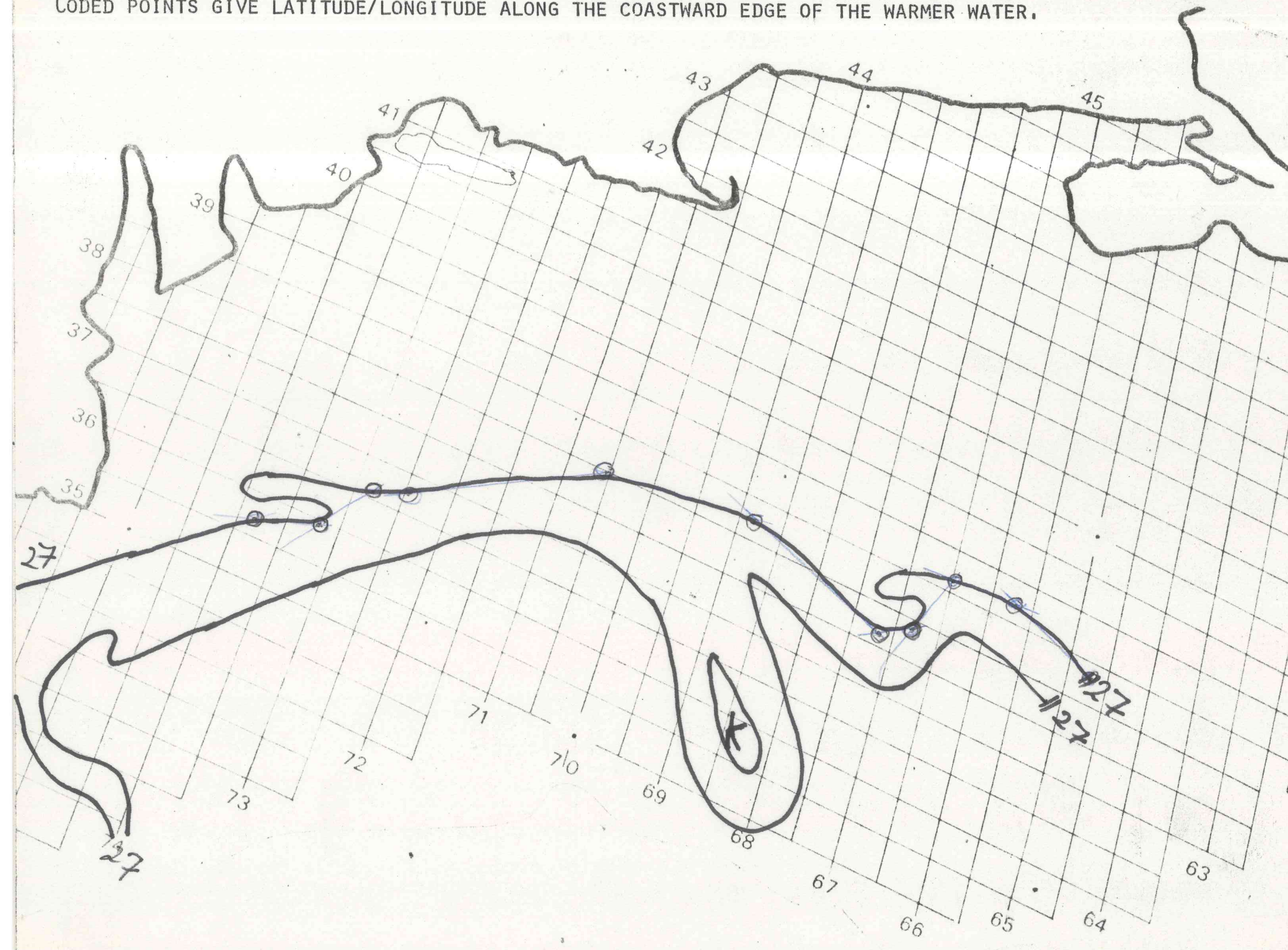
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<u>270727</u>	<u>283800</u>	<u>292799</u>	<u>295797</u>	<u>304799</u>	<u>314792</u>	<u>320761</u>	<u>339759</u>
<u>357738</u>	<u>360731</u>				<u>366728</u>	<u>367724</u>	<u>380705</u>
<u>382688</u>	<u>37667</u>					<u>379668</u>	<u>386665</u>
<u>387657</u>							
<u>384647</u> //							





CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.





## **NOTE TO USER - 1977**

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Appended find:

January, 1977

February, 1977

March, 1977

April, 1977

May, 1977

June, 1977

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

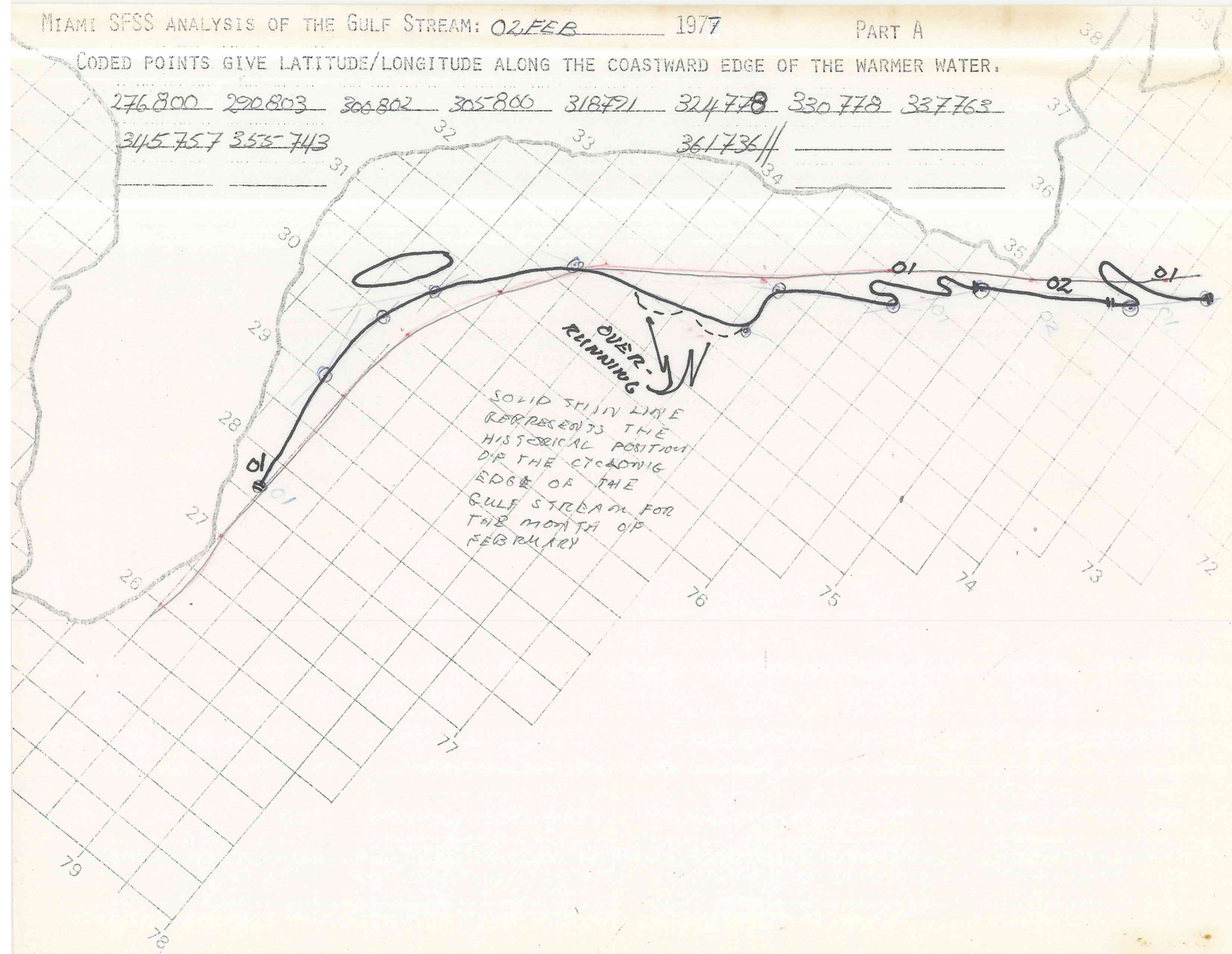
276800 290803 306802 305800 318791 324778 330778 337763

345757 355743

361736

SOLID SPIN LINE  
REPRESENTS THE  
HISTORICAL POSITION  
OF THE CYCLONIC  
EDGE OF THE  
GULF STREAM FOR  
THE MONTH OF  
FEBRUARY

OVER-  
RUNNING



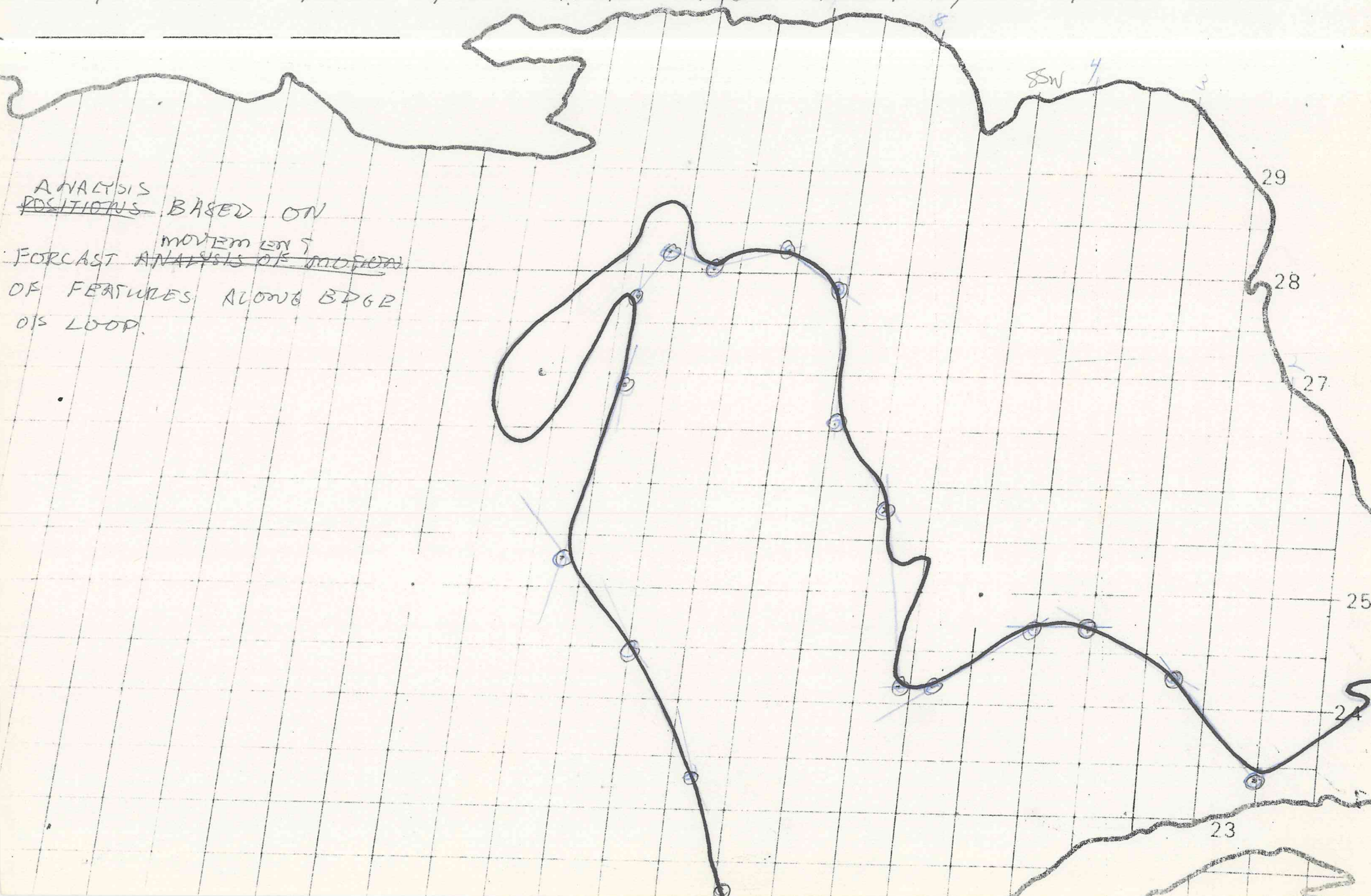


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 02 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222869	233875	245880	253887	267884	277884	282881	281877	282871	278866
266864	258859	242856	242853	247840	247835	243827	234820	242810	





MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 04 FEB 1977

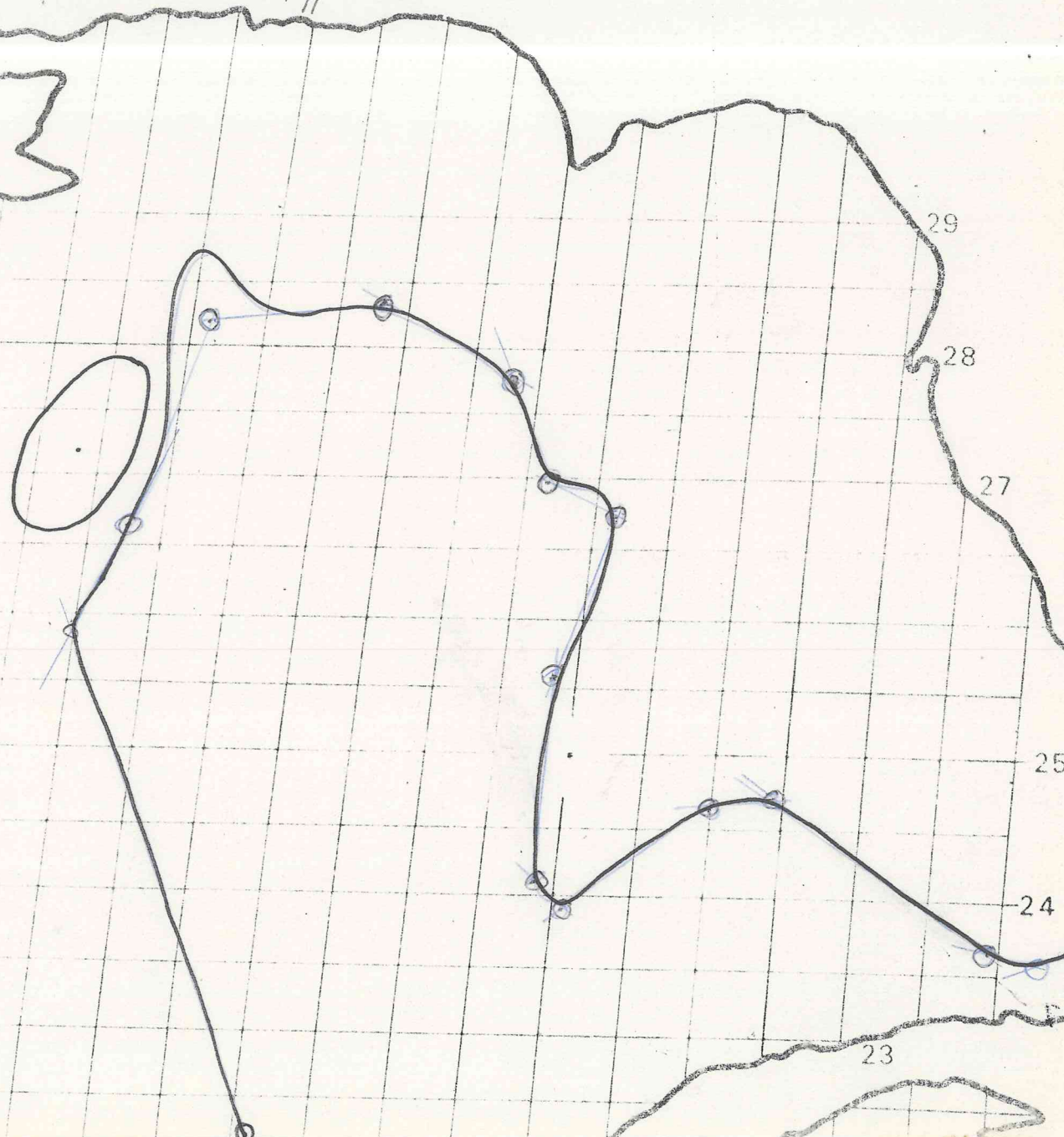
PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222869 254885 266882 282879 283862 278857 270854 268848 256852 241851  
239849 246840 247836 237821 236817 237814 //

CUT OFF EDDY  
CENSERED NEAR  
272887 //

POSITIONS BASED ON  
FORECAST MOVEMENT  
OF FEATURES ALONG  
EDGE OF LOOP ---  
EXCEPT ACTUAL POSITIONS  
THROUGH STRAITS OF FLORIDA.





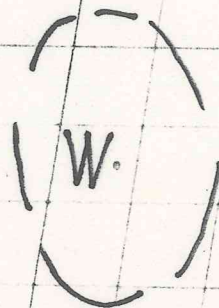
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 07 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222871 256892 264884 269882 273884 277882 287863 272852 260842 255836  
251836 245834 238824 236816 //

WARM EDDY  
CENTERED NEAR  
273896



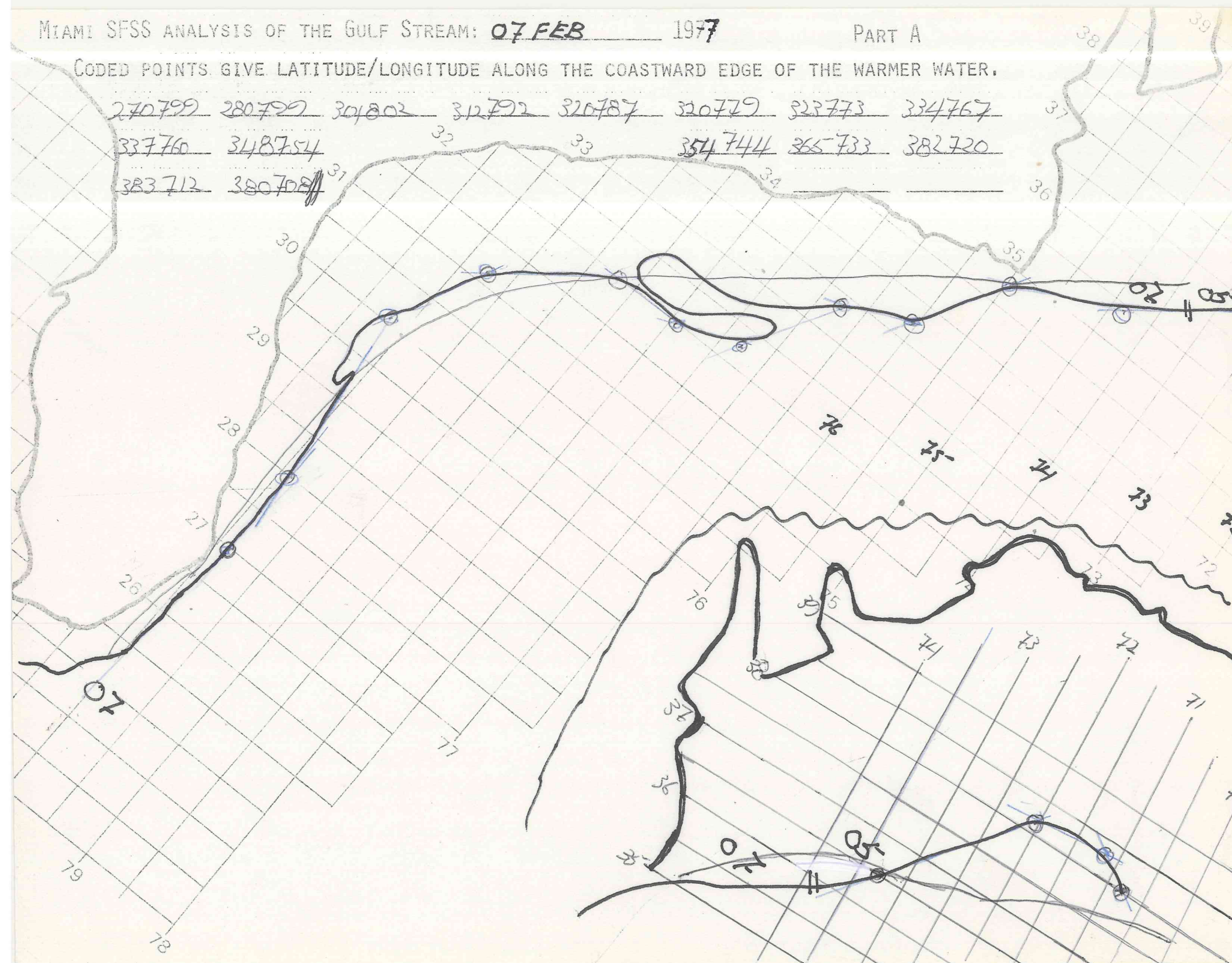


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<del>270799</del>	<del>280799</del>	<del>304802</del>	<del>312792</del>	<del>320787</del>	<del>320779</del>	<del>323773</del>	<del>334767</del>
<del>337760</del>	<del>348754</del>				<del>354744</del>	<del>365733</del>	<del>382720</del>
<del>383712</del>	<del>380708</del>						



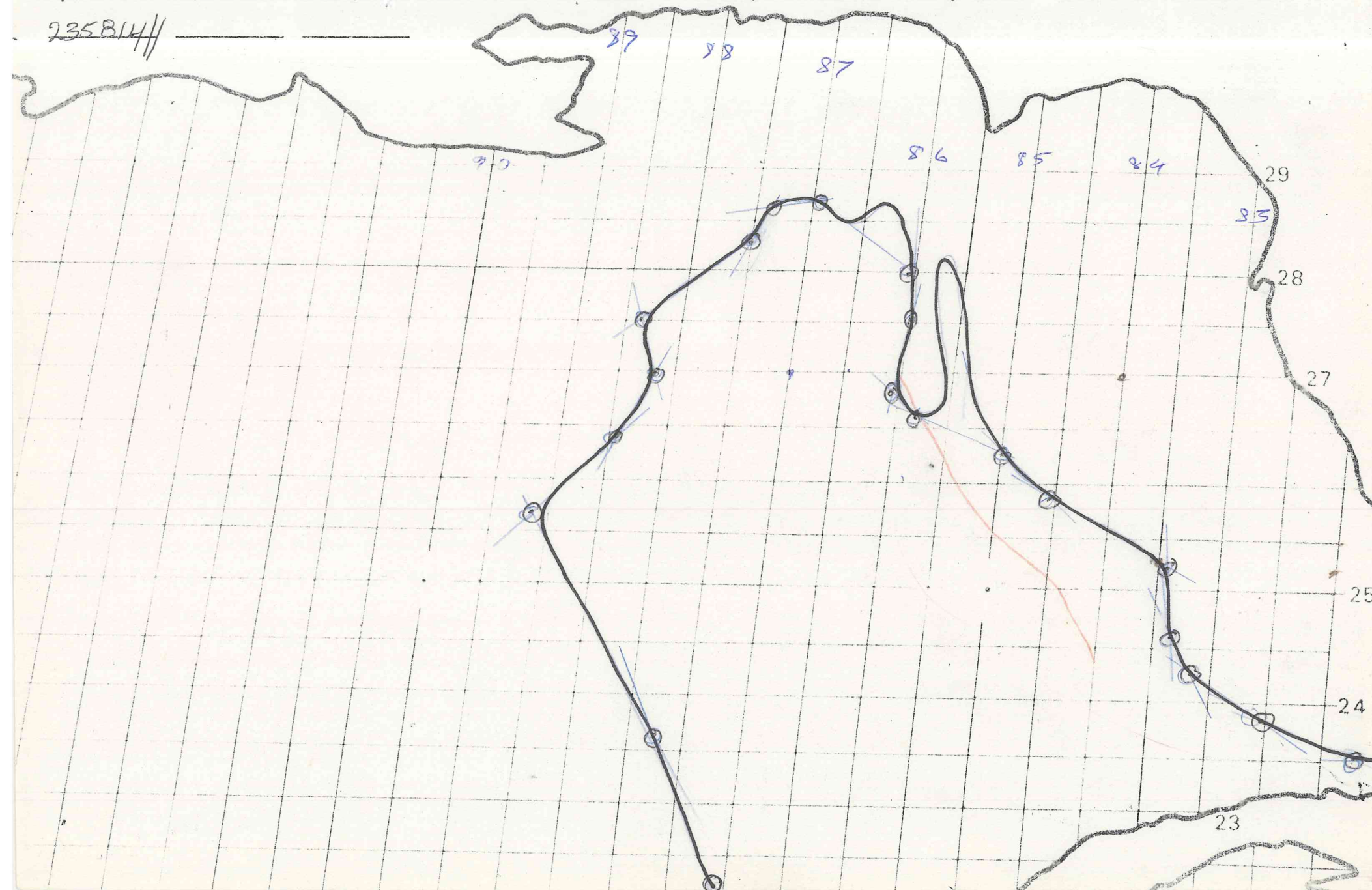


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 09 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222871 236877 257892 264885 270882 275884 283875 286874 287869 280861  
275860 268861 266858 263850 257845 252834 246833 243832 238825 235816  
235814//

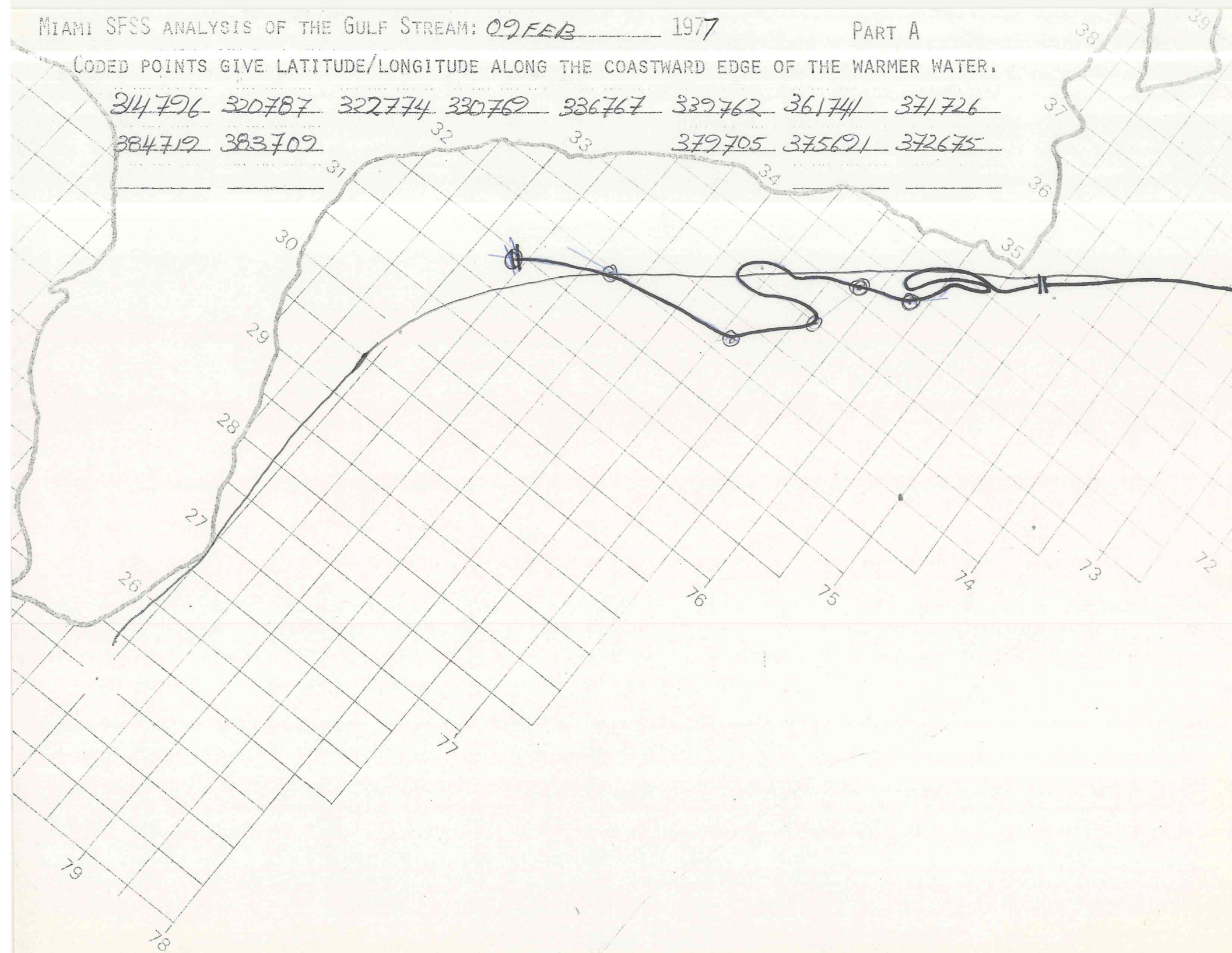


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

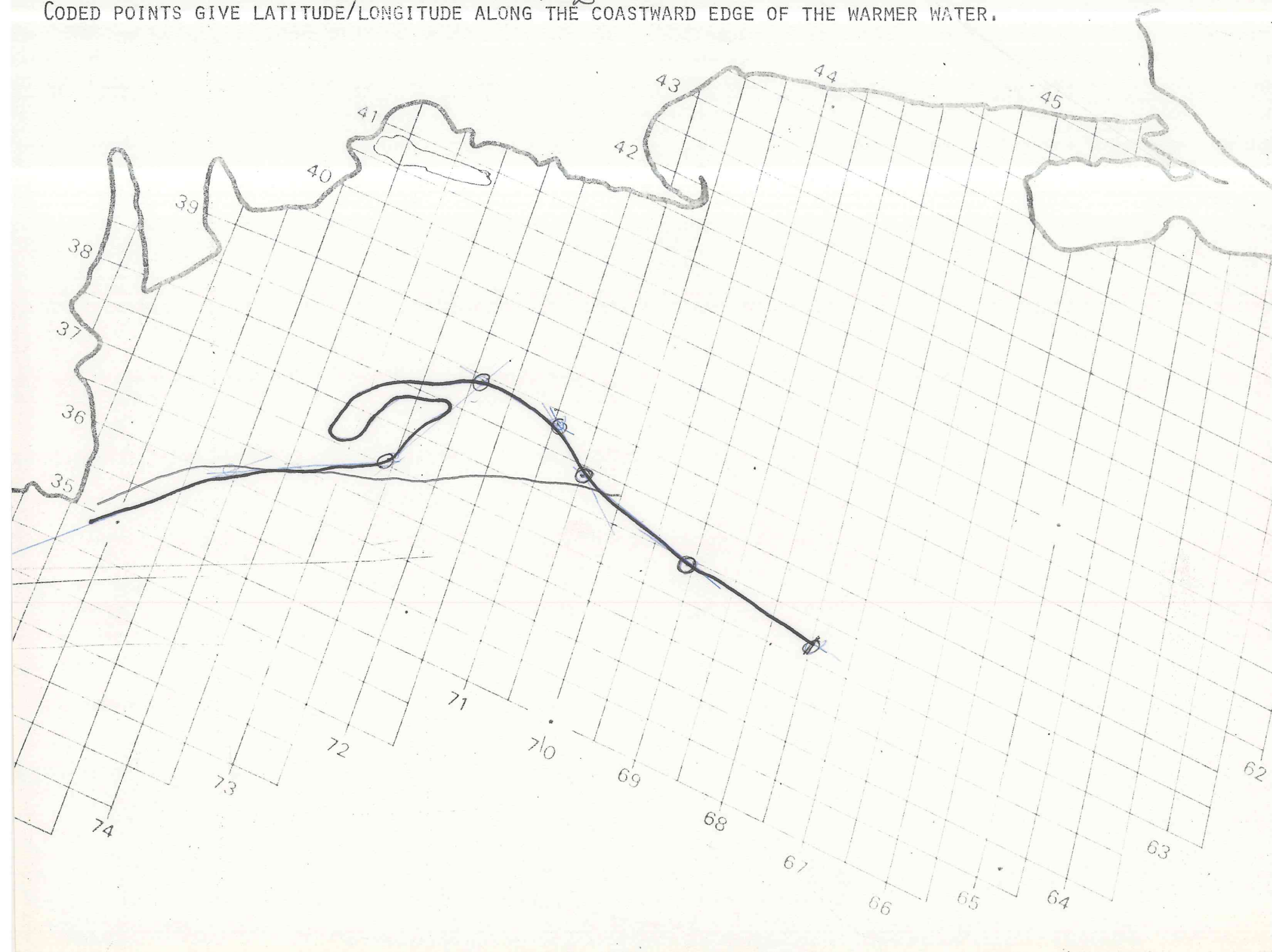
314796	320787	322774	330769	336767	339762	361741	371726
384719	383709				379705	375691	372675





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 FEB 1977 PART B

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

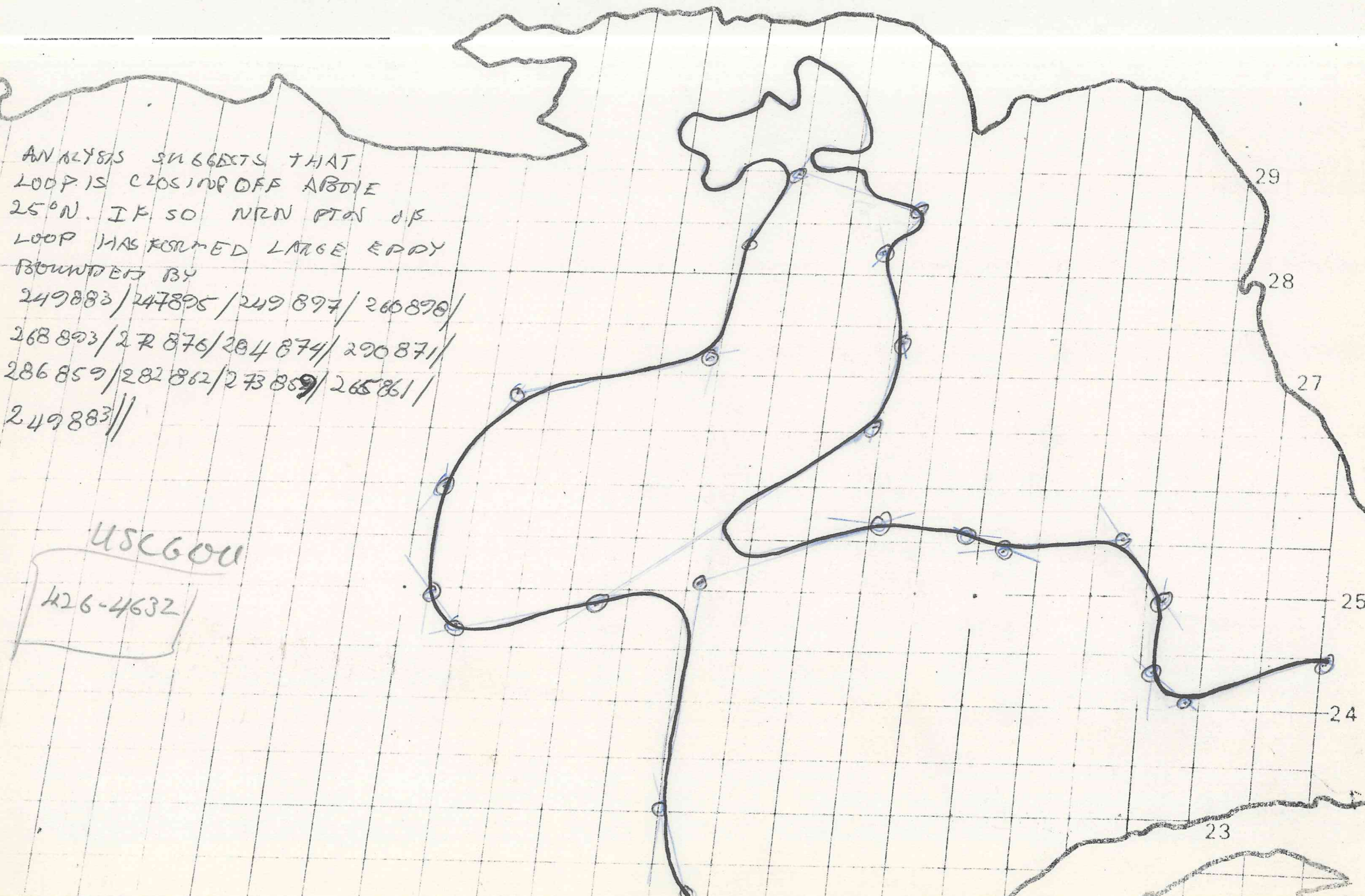


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 11 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222872 230875 251874 257859 256851 255848 250833 244834 241831 245820





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

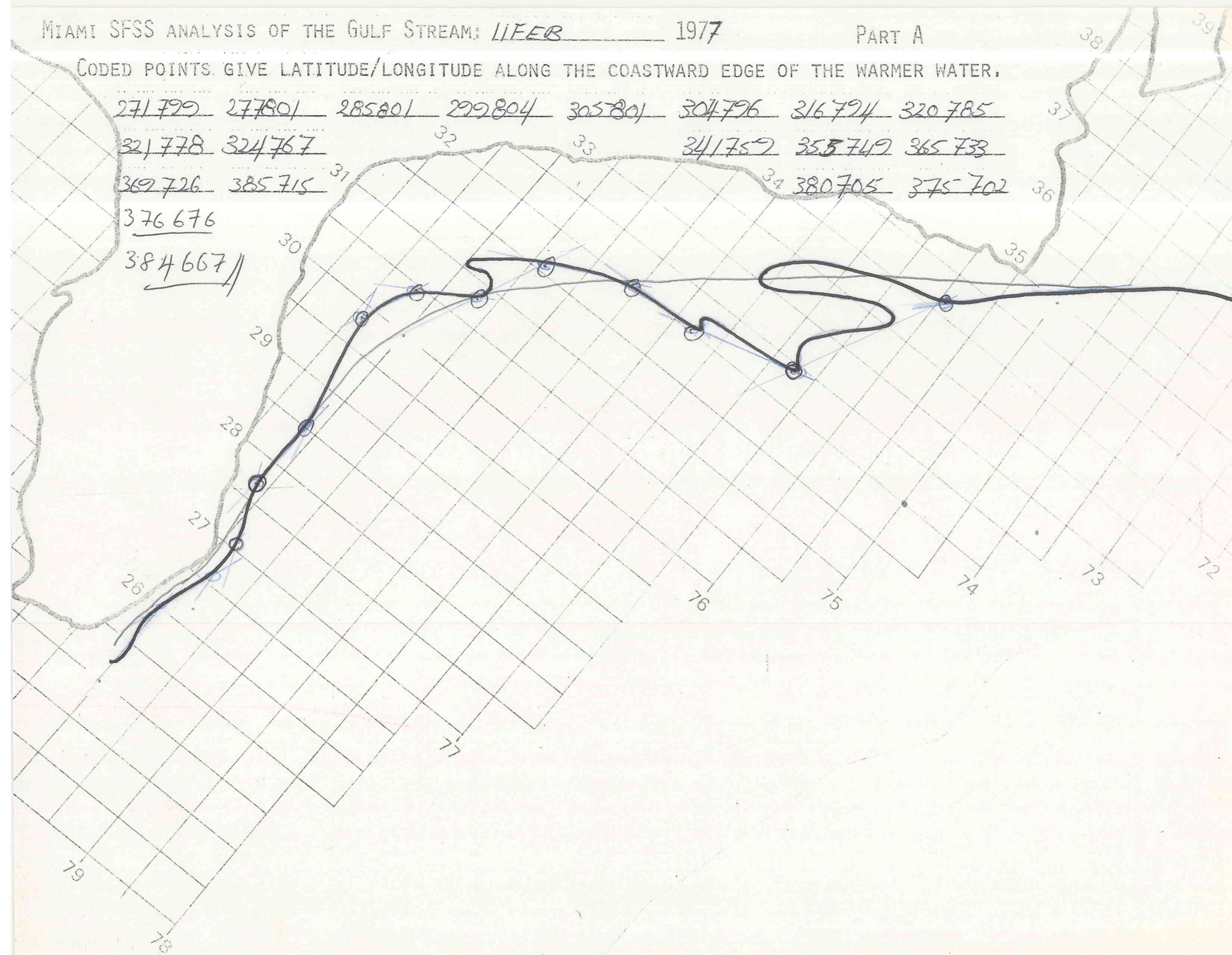
271 729 277 801 285 801 292 804 305 801 304 796 316 794 320 785

321 778 324 767 341 759 353 749 365 733

369 726 385 715 380 705 375 702

376 676

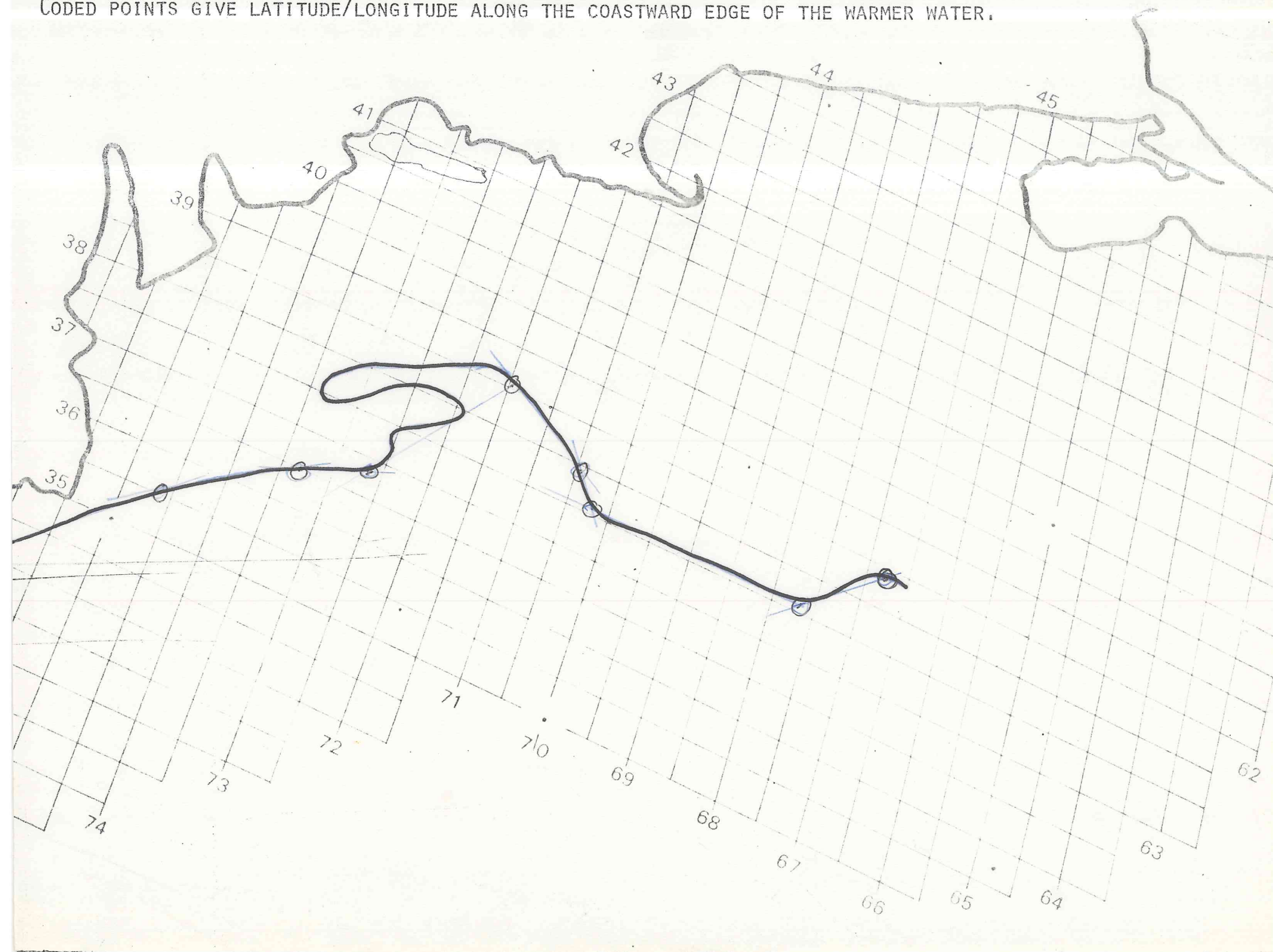
384 667 //



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 FEB 1977

PART B

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.





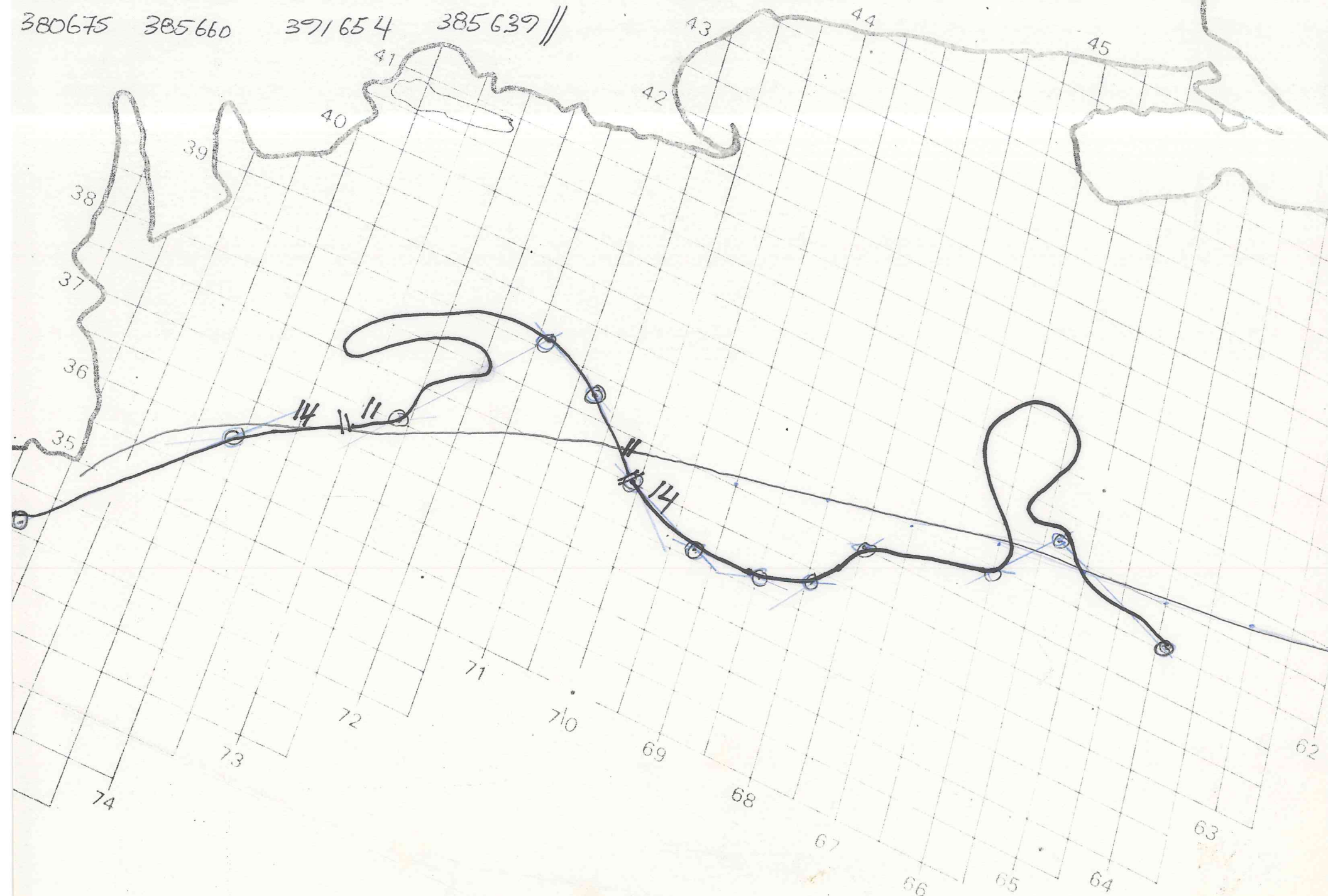
MIAMI SFSS ANALYSIS OF THE GULF STREAM: FEB 14 1977

PART B

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

341757 360741 370726 386714 383707 375701 371692 371685 374680

380675 385660 391654 385639 //



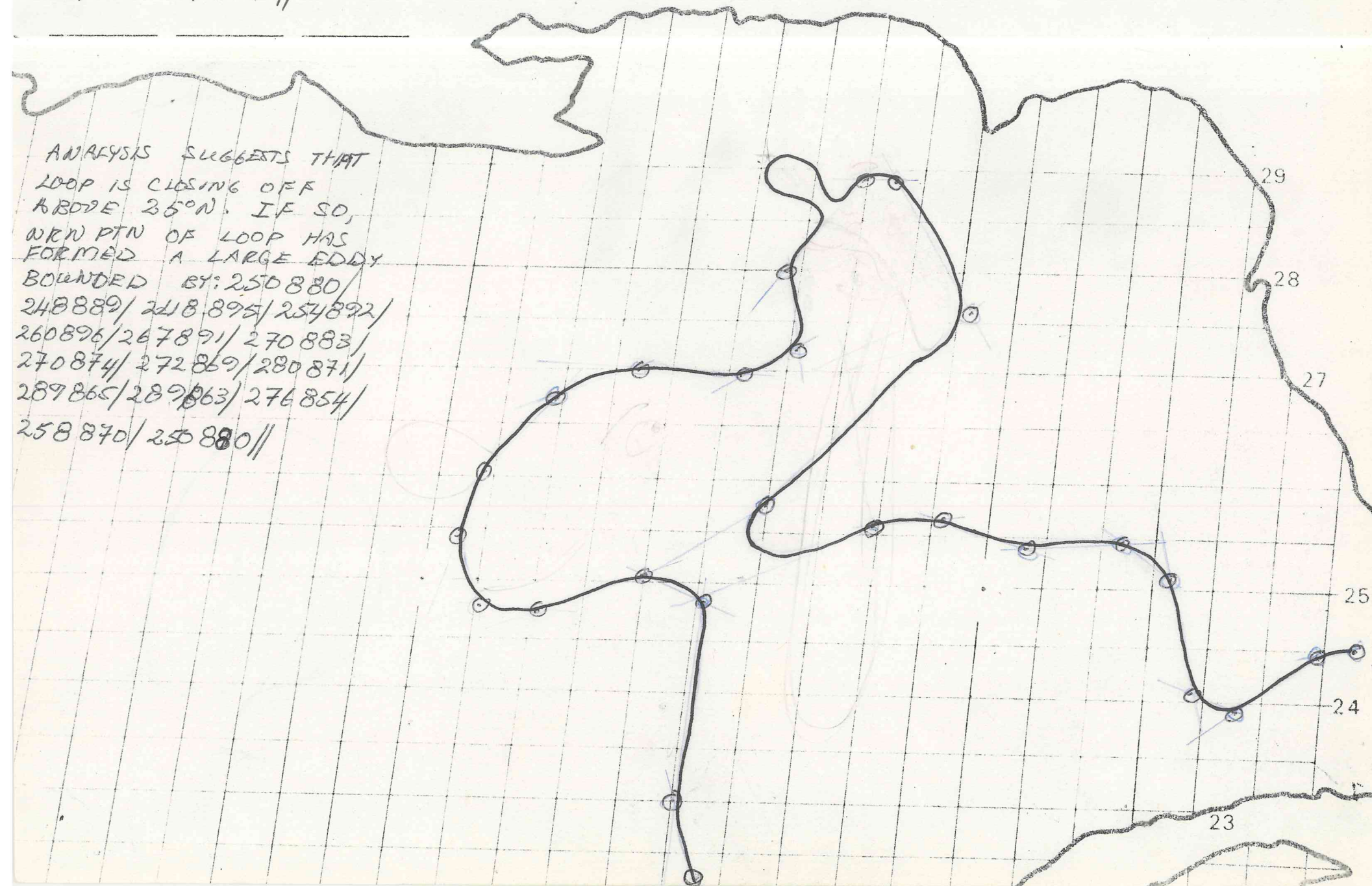


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 16 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

223872 230875 249874 256860 257854 254847 255833 257834 241831 239827  
244821 245816 || \_\_\_\_\_



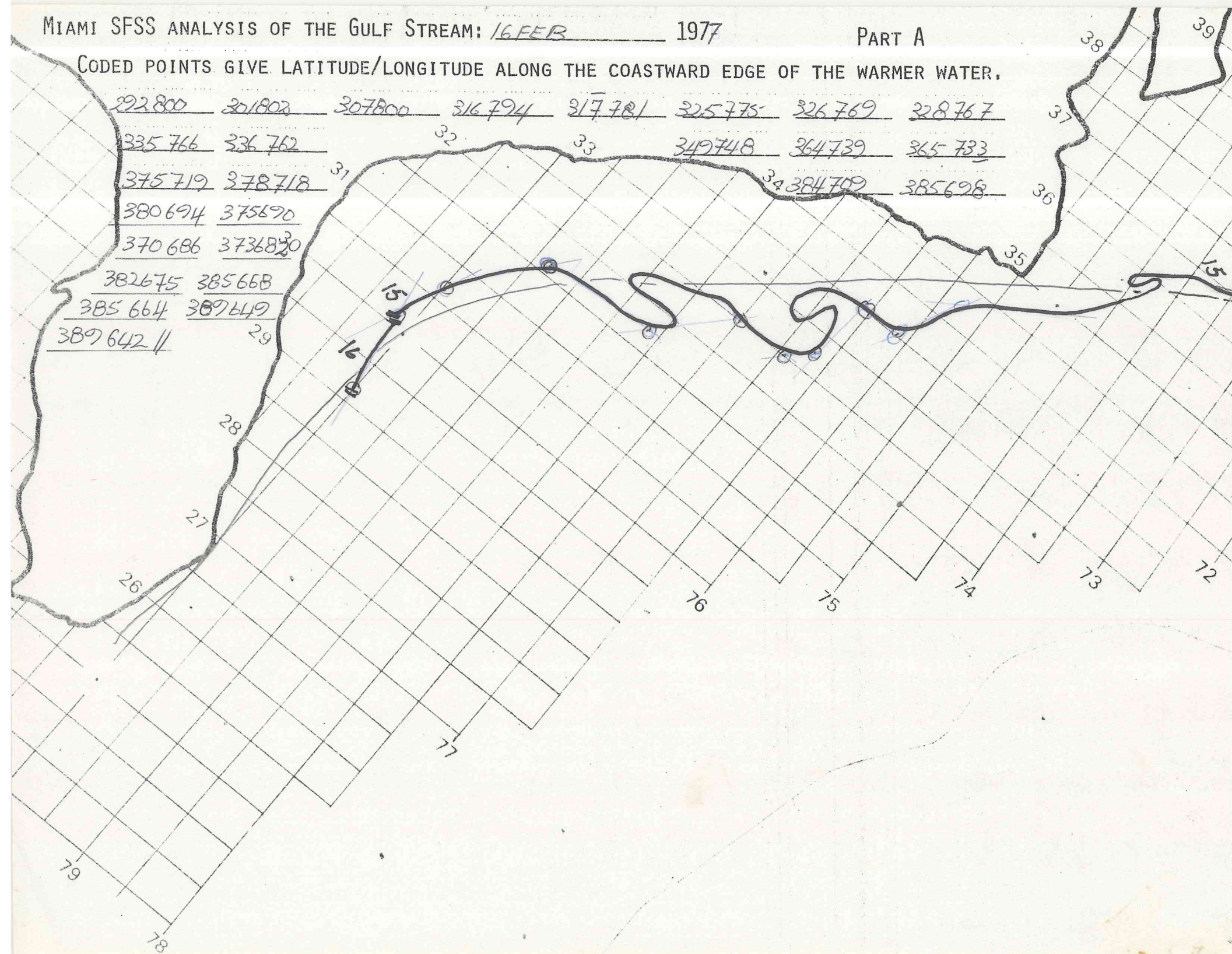


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

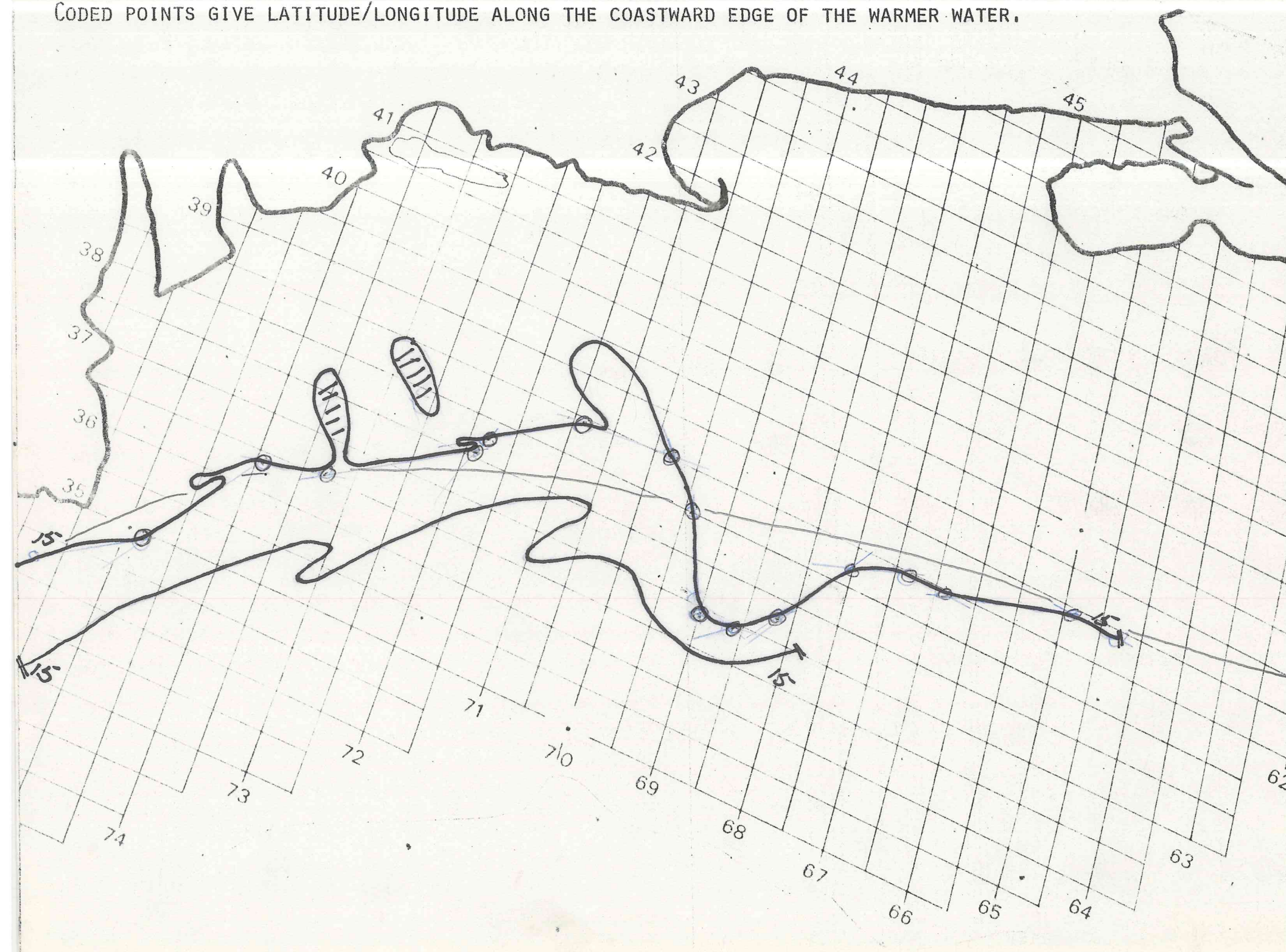
<u>292800</u>	<u>301802</u>	<u>307800</u>	<u>316794</u>	<u>317781</u>	<u>325775</u>	<u>326769</u>	<u>328767</u>
<u>335766</u>	<u>336762</u>				<u>349748</u>	<u>364739</u>	<u>365733</u>
<u>375719</u>	<u>378718</u>				<u>34384709</u>	<u>385698</u>	
<u>380694</u>	<u>375690</u>						
<u>370686</u>	<u>3736820</u>						
<u>382675</u>	<u>385668</u>						
<u>385664</u>	<u>389649</u>						
<u>389642 //</u>							





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 FEB 1977 PART B

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.



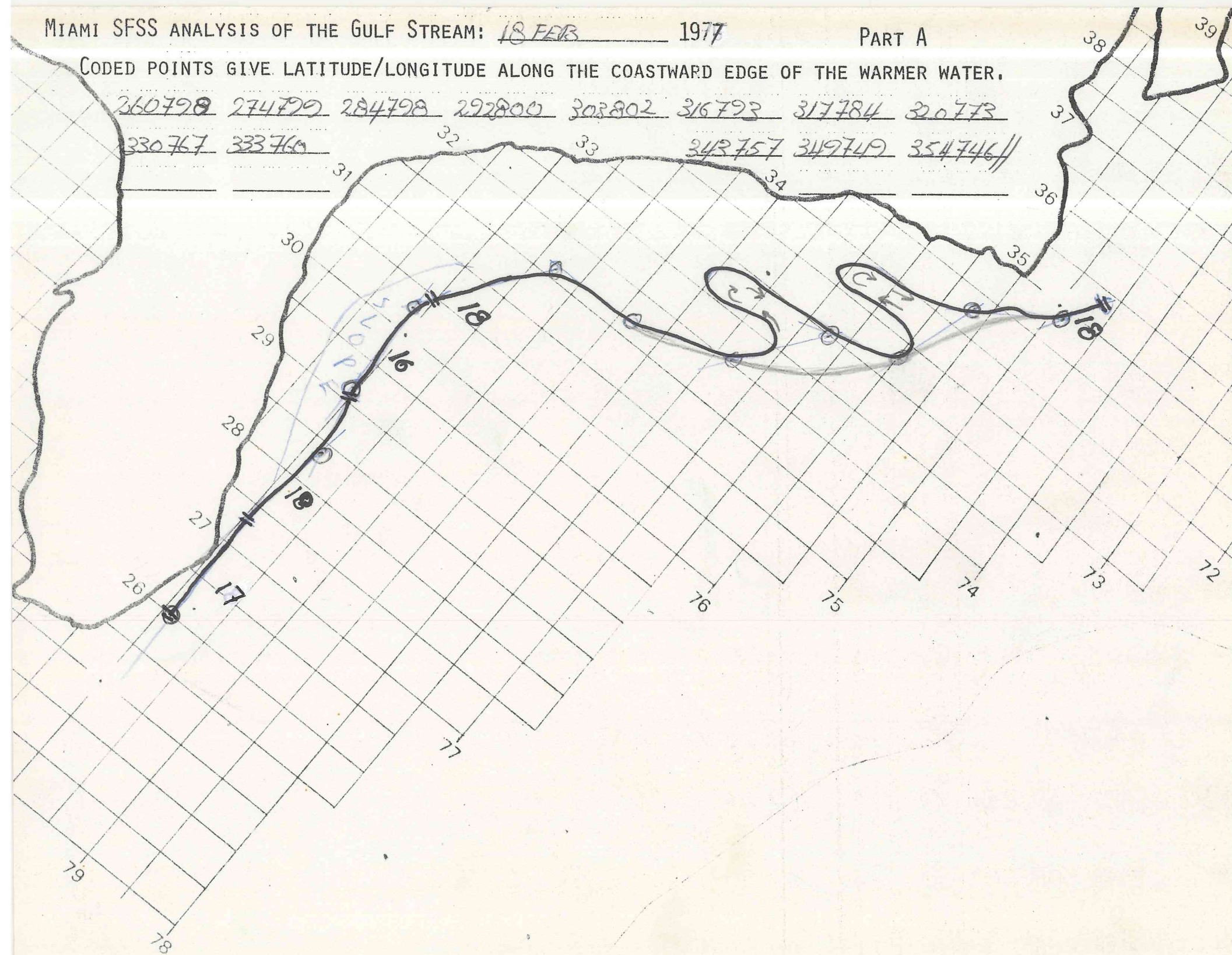


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

260798 274799 284798 292800 303802 316793 317784 320773  
330767 333760 343757 349749 354746 //





MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 21 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

227869 232870 234875 245893 248893 263885 262880 250875 245856 247845  
239843 235840 236832 243832 242820 243815 //

AREA OF WARM WATER

... SEPARATED FROM MAIN  
FLOW ... BOUNDED BY

254898/260906/280898/

274892/270875/282877/

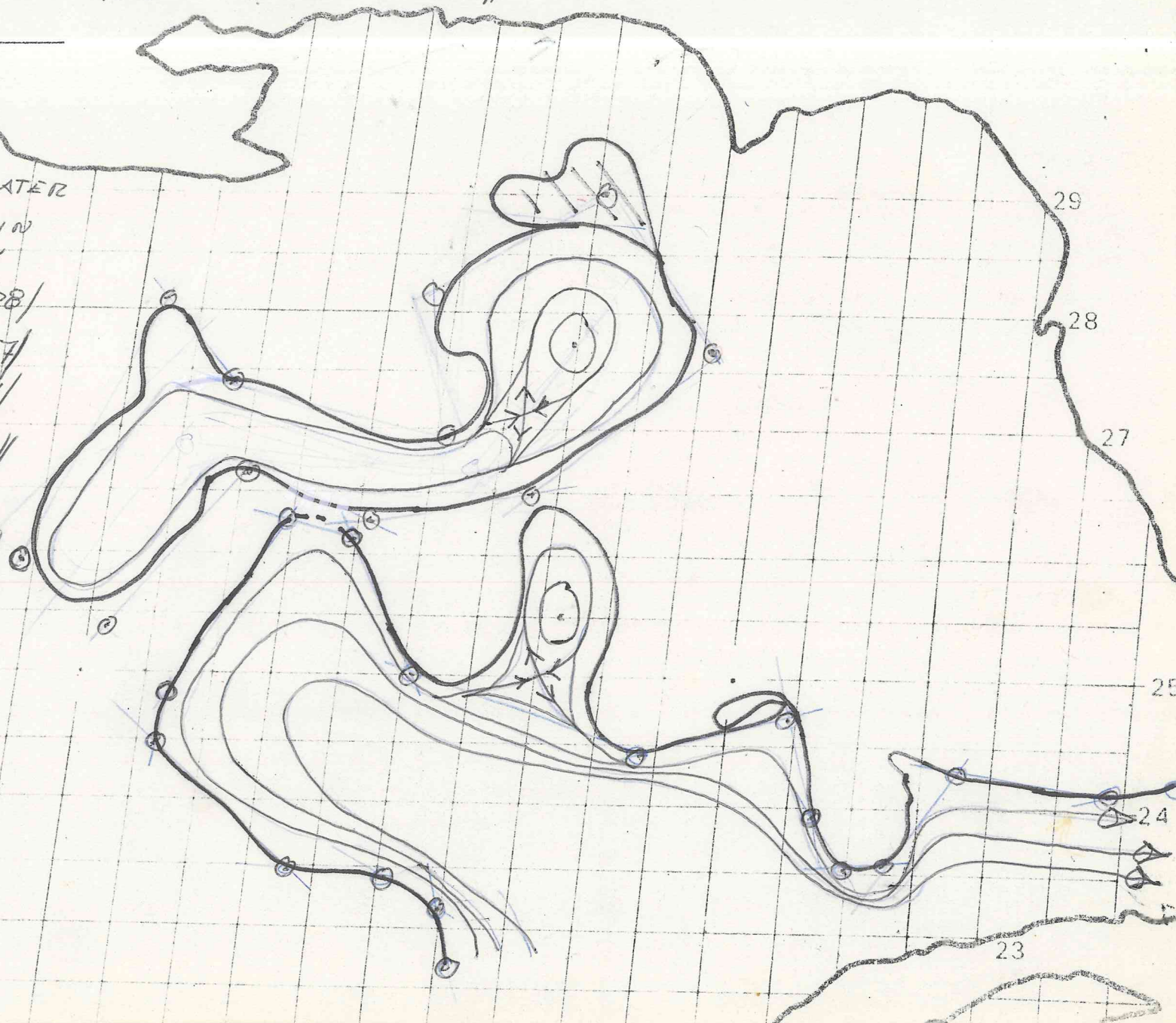
290865/277854/265867/

263879/267890/254898//

WEAK ACYC FLOW

EXISTS WITHIN THIS

AREA.



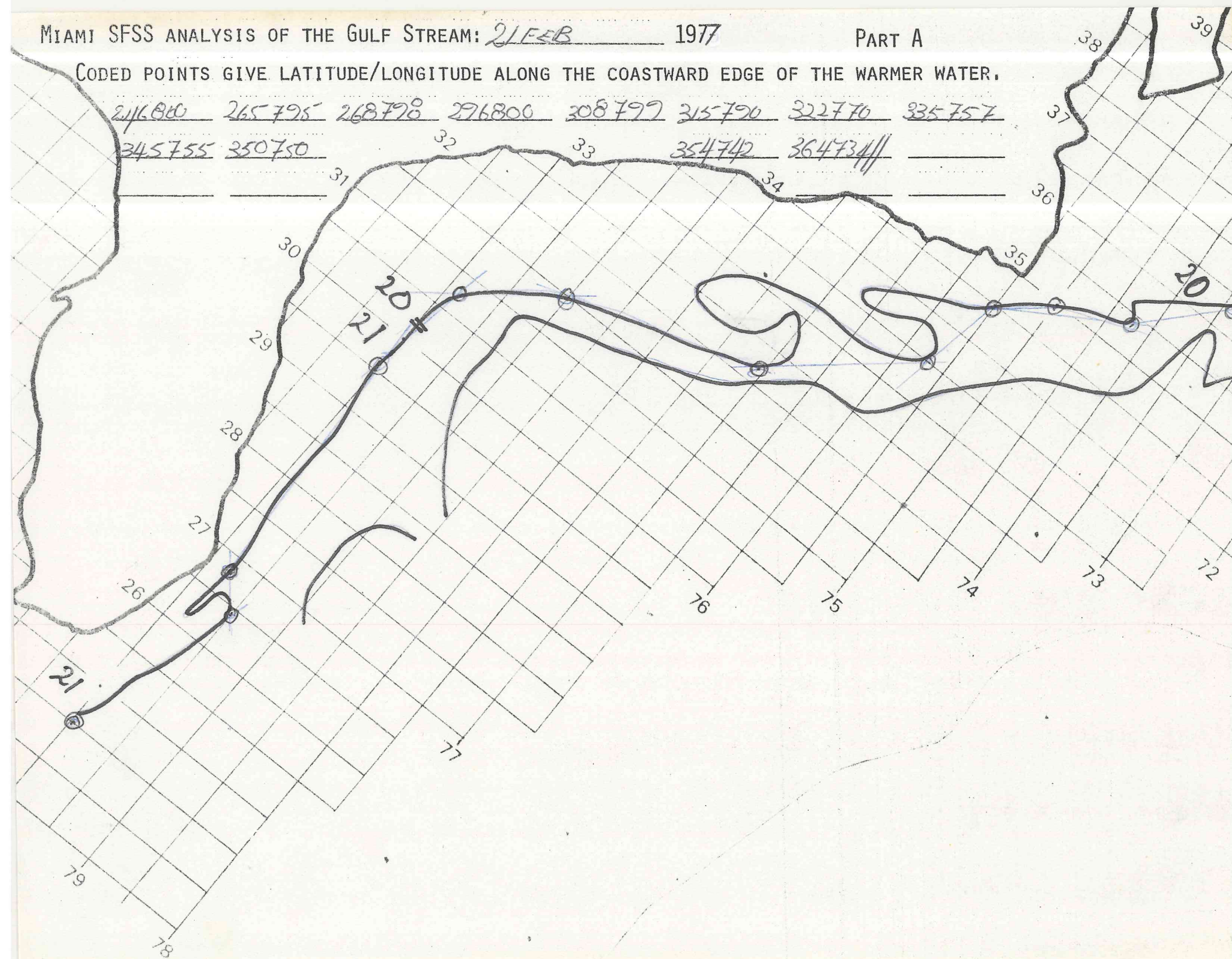


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 21 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<u>2116800</u>	<u>265795</u>	<u>268798</u>	<u>276800</u>	<u>308797</u>	<u>315790</u>	<u>322770</u>	<u>335757</u>
<u>345755</u>	<u>350750</u>			<u>354742</u>	<u>364734</u>		



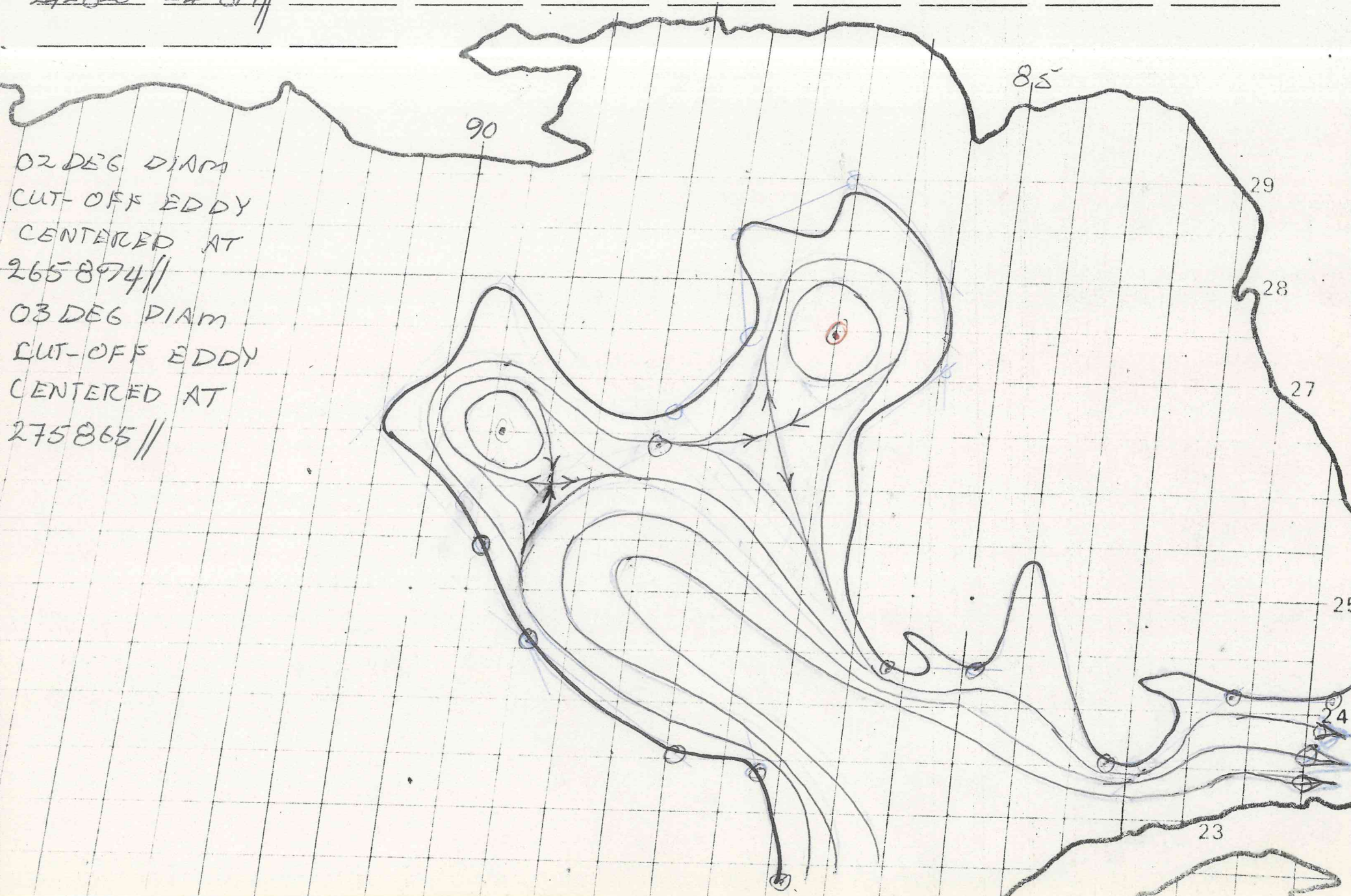


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 23 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

224864 234867 235874 246889 255894 264879 244857 244849 235837 235833  
242826 242817 //



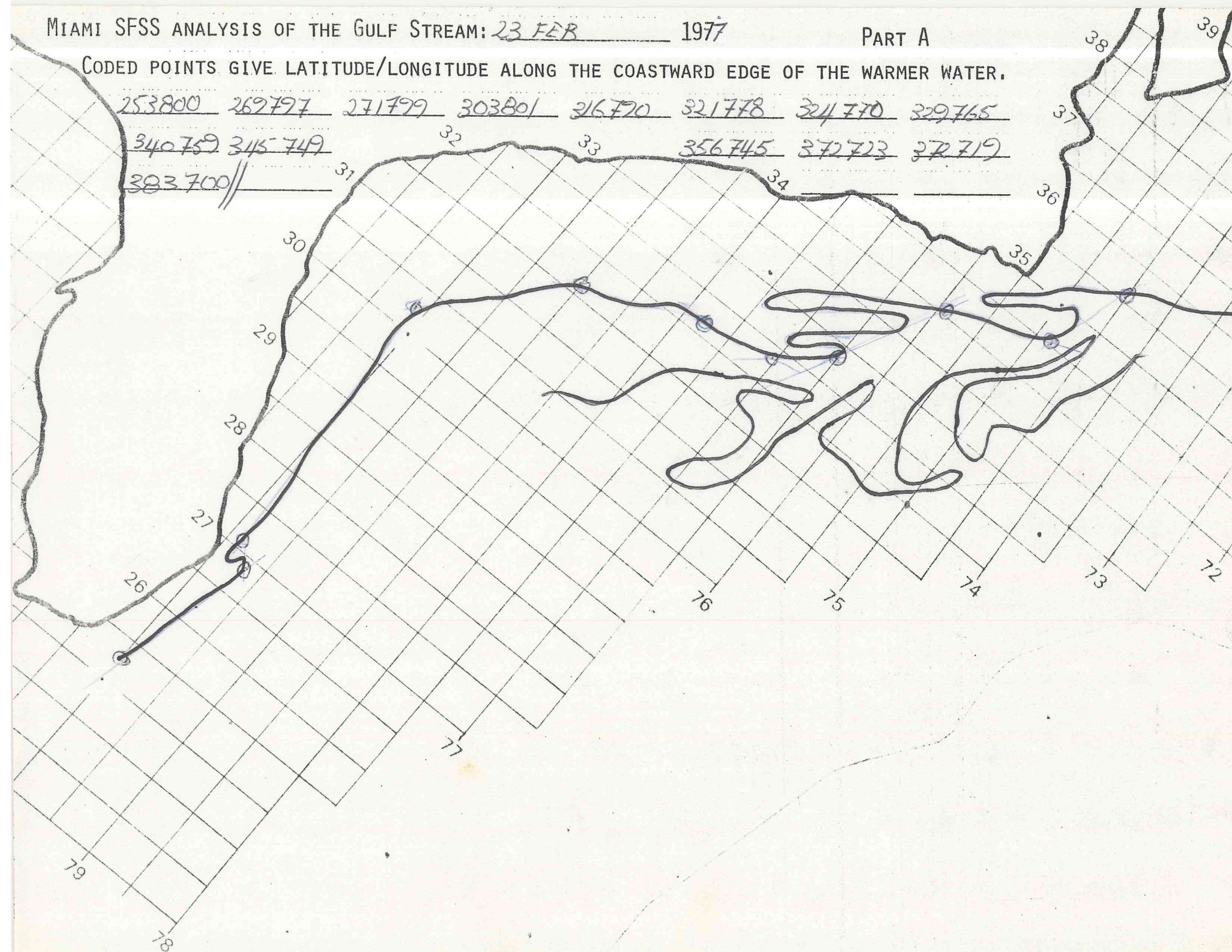


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<u>253800</u>	<u>262797</u>	<u>271799</u>	<u>303801</u>	<u>316790</u>	<u>321778</u>	<u>324770</u>	<u>329765</u>
<u>340759</u>	<u>345749</u>			<u>356745</u>	<u>372723</u>	<u>377719</u>	
<u>383700</u>							



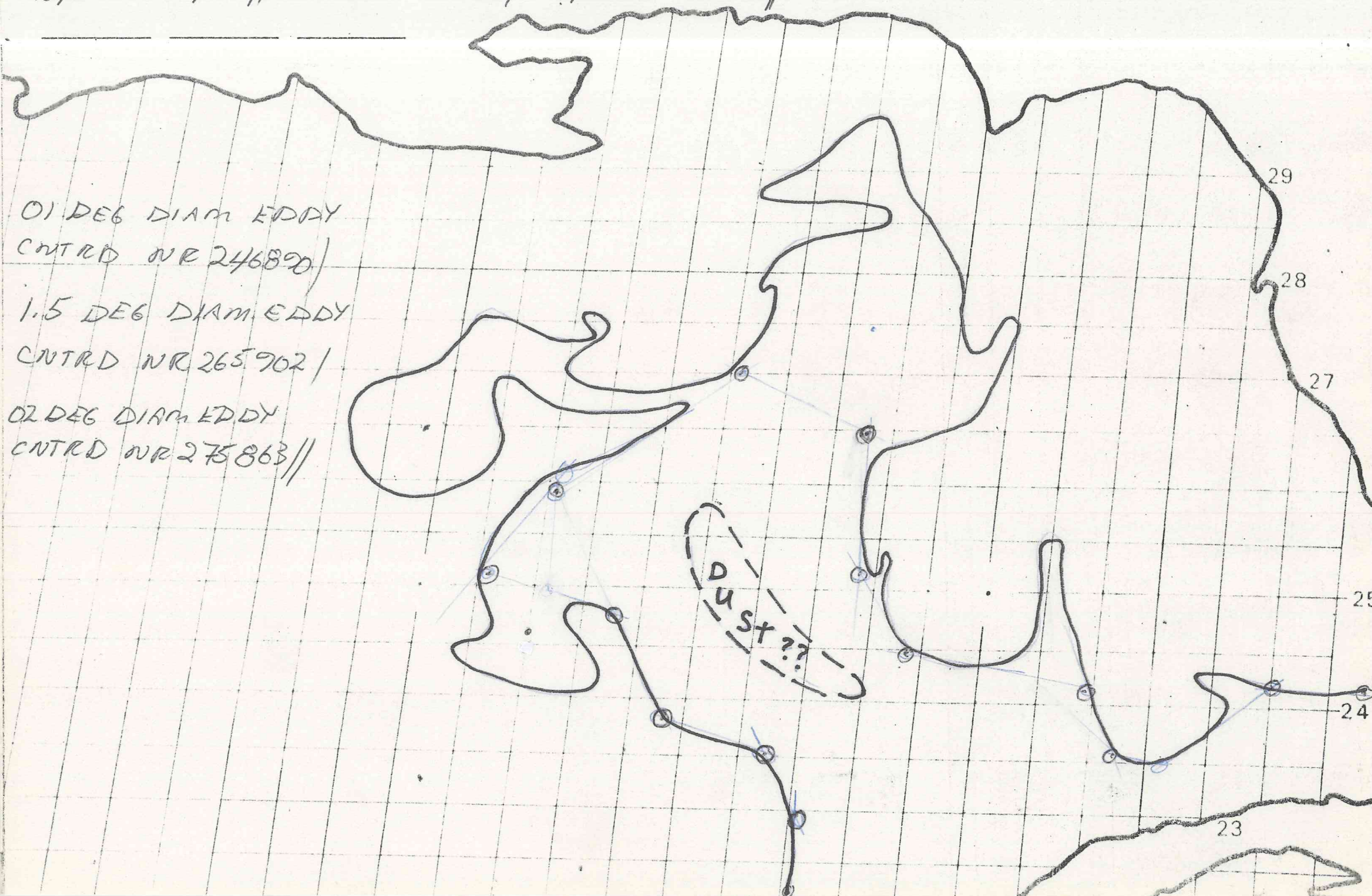


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 25 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222864 229864 235868 238877 248882 251894 259889 270874 265862 252861  
245856 242841 236838 235834 242825 242817 //





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25-FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

270796 274877 283795 291799 298800 311795 316789 318782

324774 325776

363739 367726

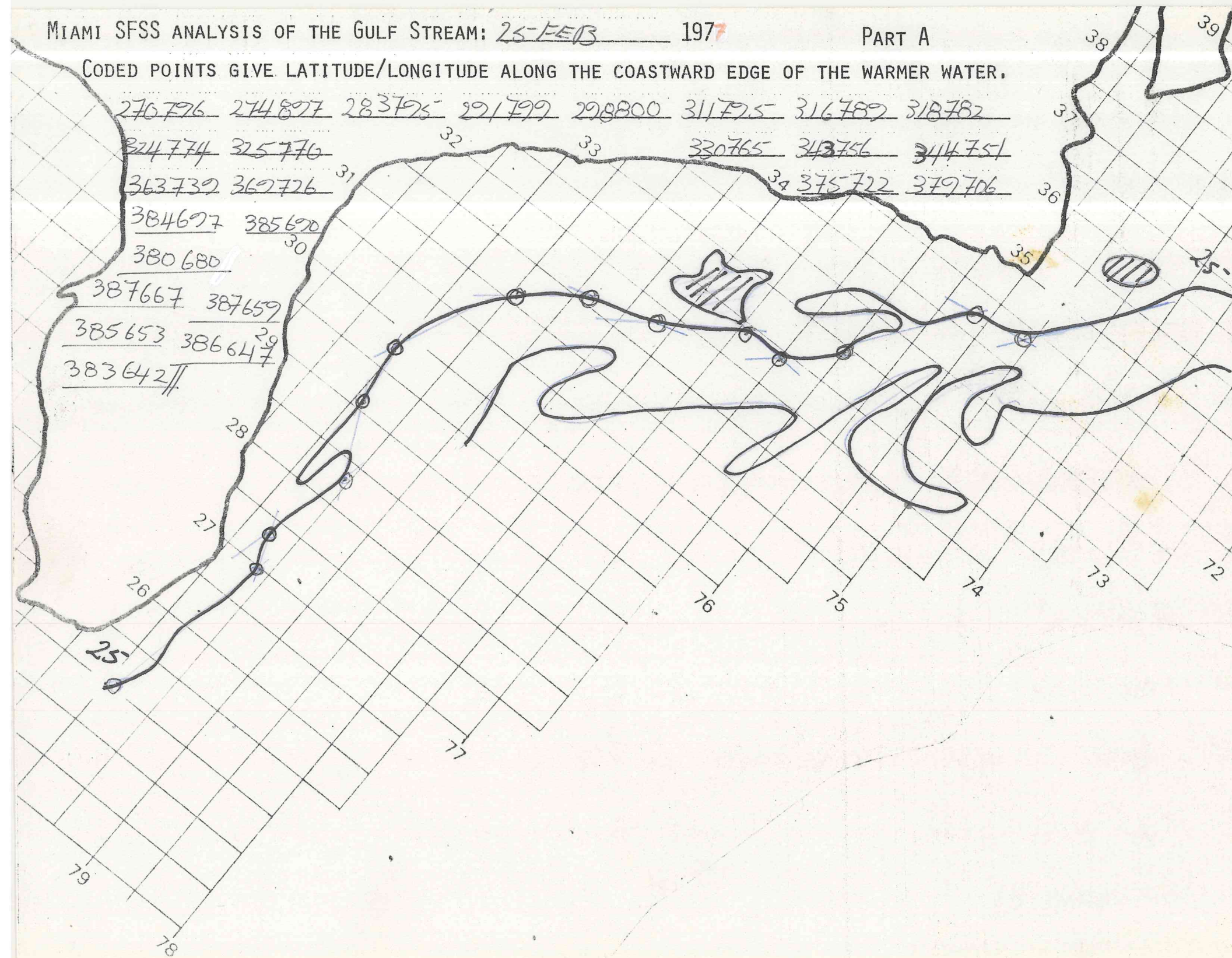
384677 385670

380680

387667 387659

385653 386647

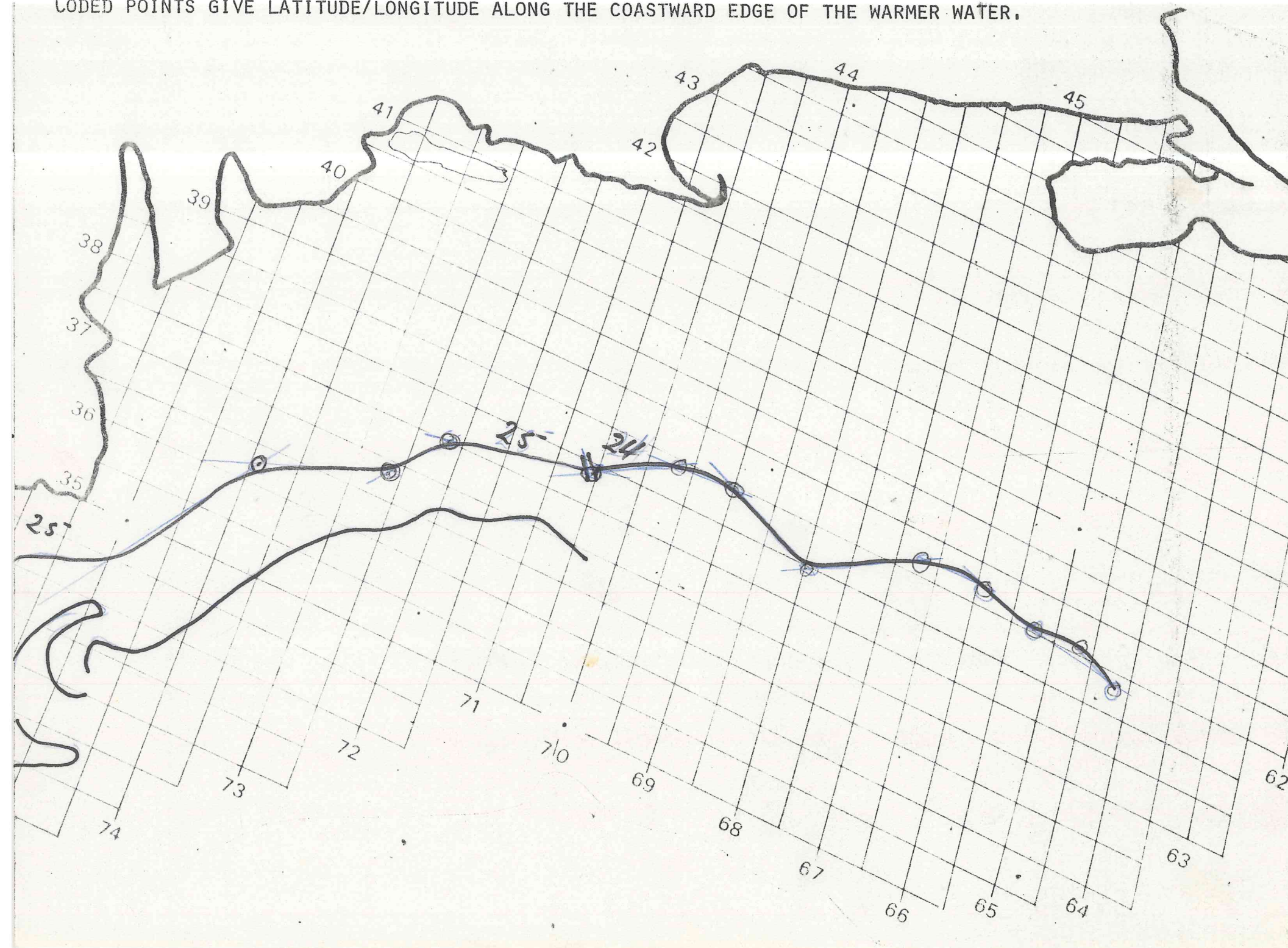
383642





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 FEB 1977 PART B

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.





WEEKLY SEA CURRENT (SC) CHART showing  
SC as defined in CG-308. The chart is  
based on a subjective analysis of  
various data sources.

PREPARED ON — 25 FEB. 1977

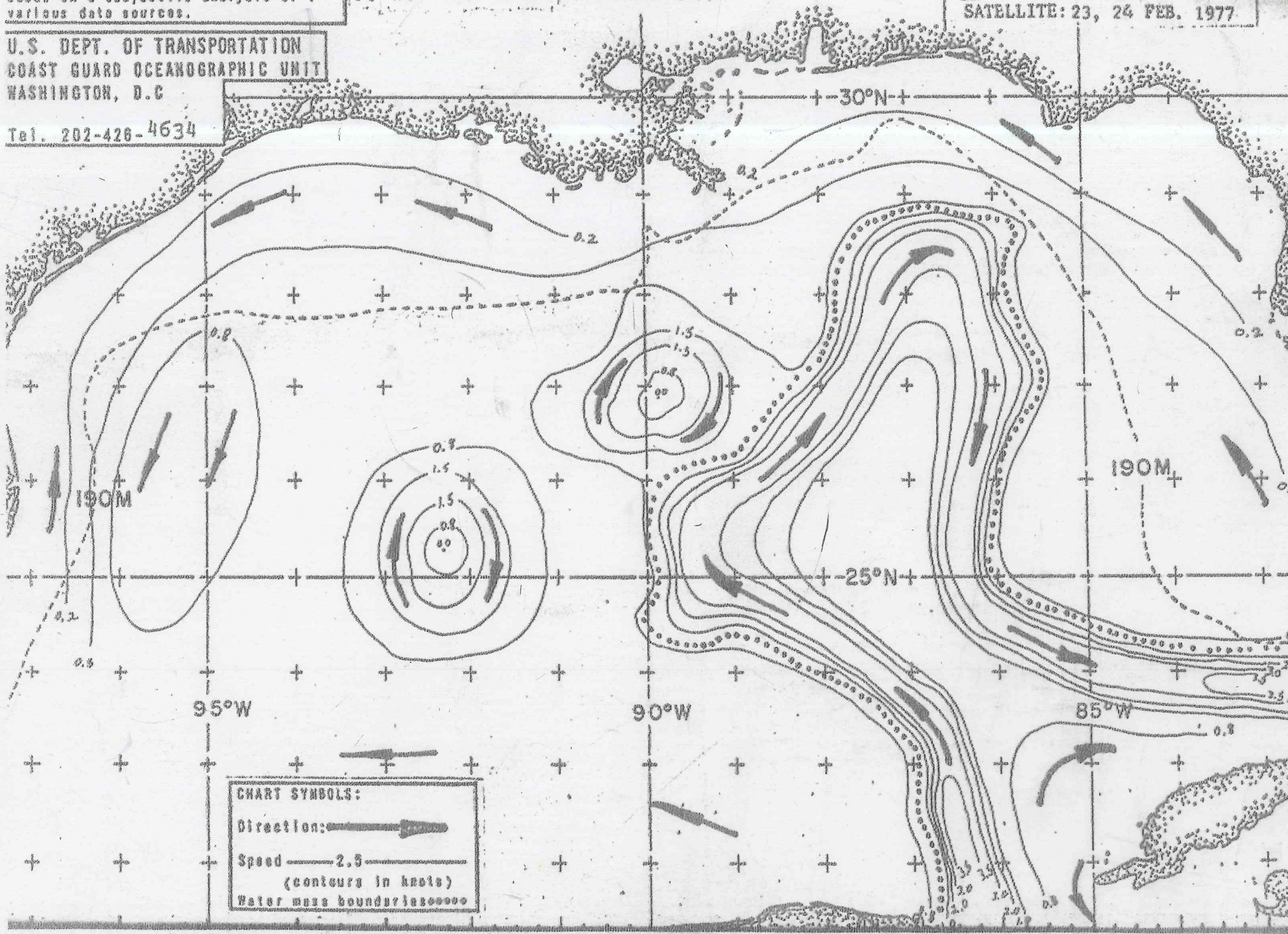
DO NOT USE AFTER — 4 MARCH 1977

LATEST INFRARED DATA USED:

SATELLITE: 23, 24 FEB. 1977

U.S. DEPT. OF TRANSPORTATION  
COAST GUARD OCEANOGRAPHIC UNIT  
WASHINGTON, D.C.

Tel. 202-426-4634



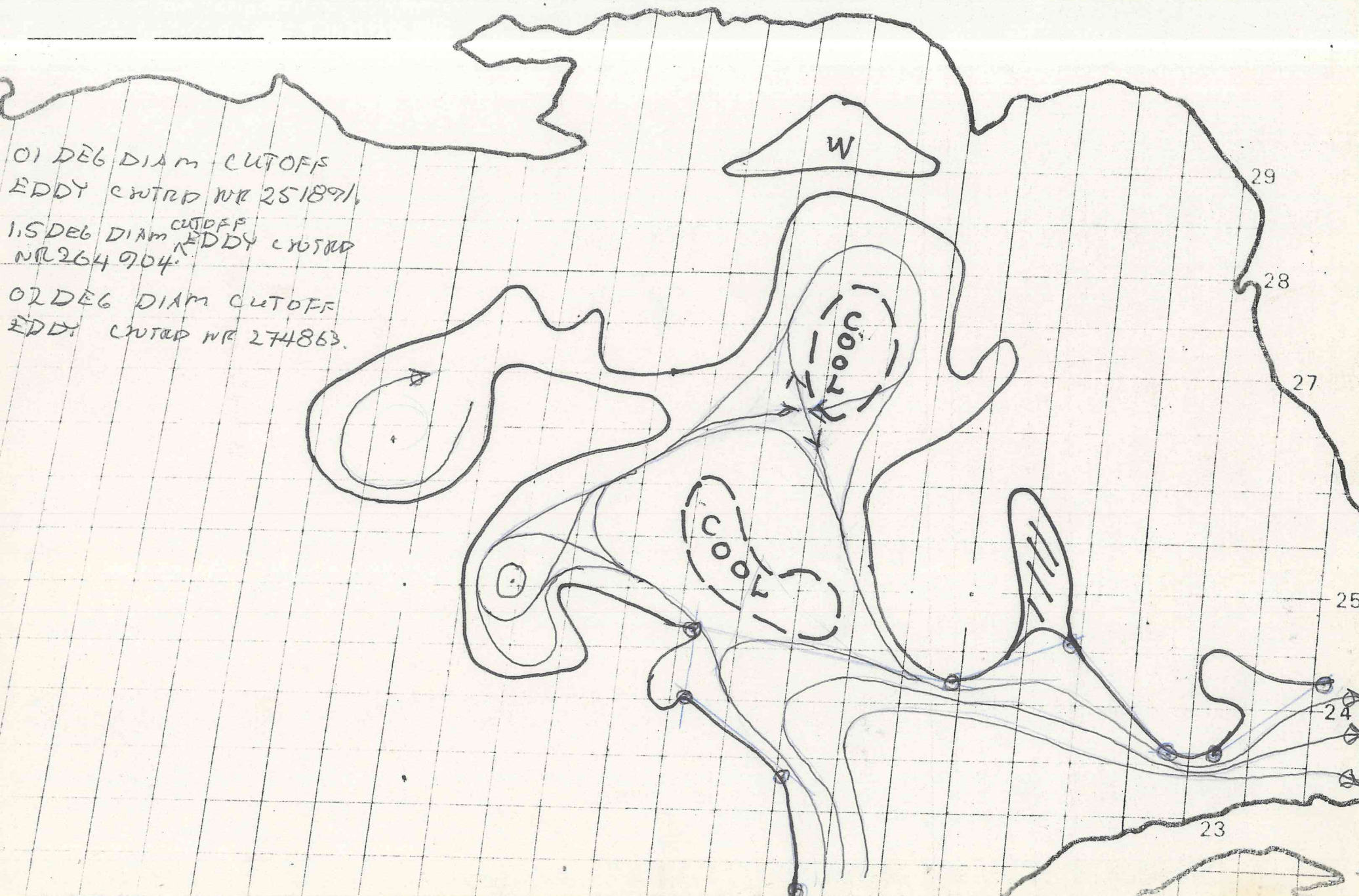


MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 28 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

222862 234865 240874 246874 242851 245841 236832 236828 243819//



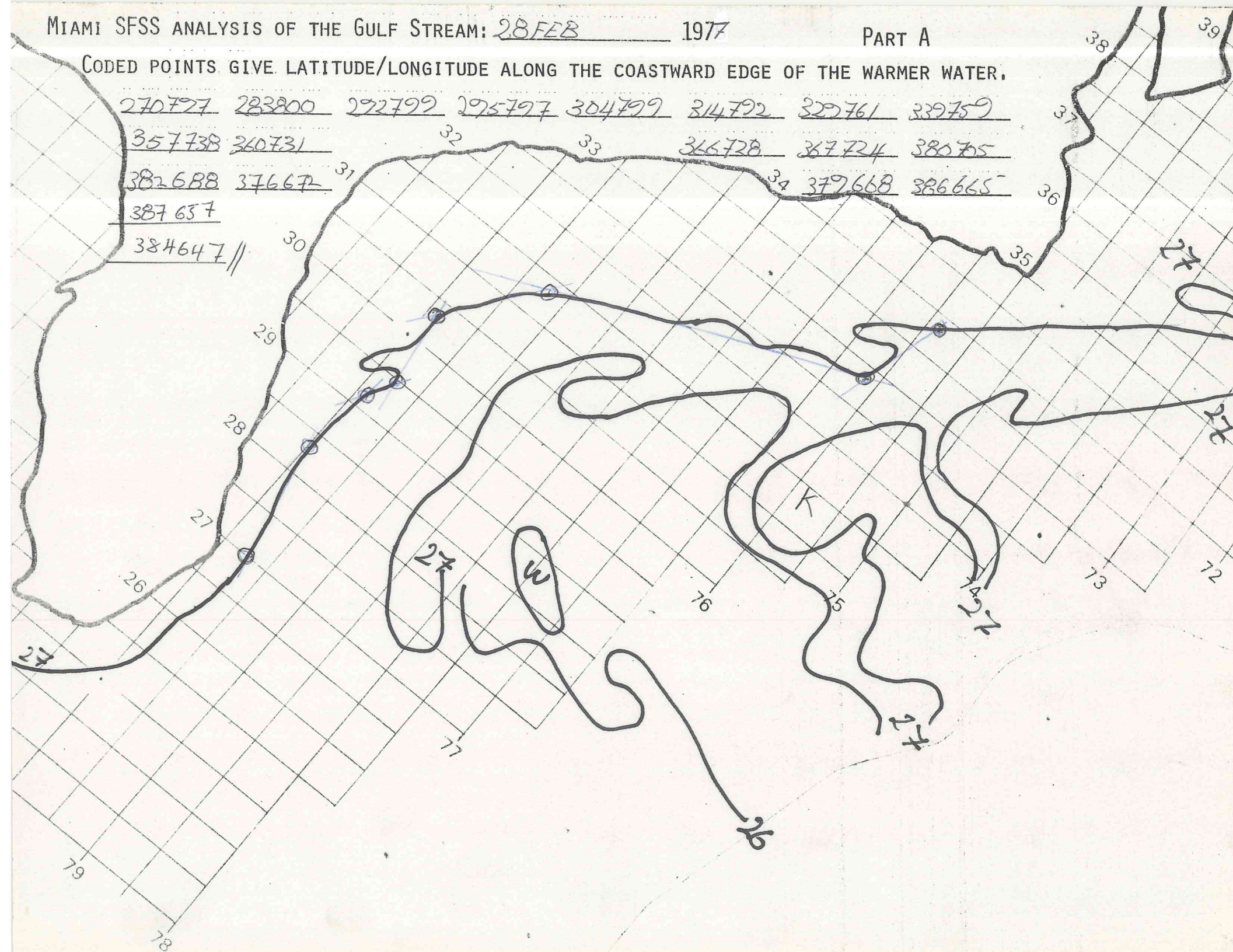


MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 FEB 1977

PART A

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

<u>270777</u>	<u>283800</u>	<u>292799</u>	<u>295797</u>	<u>304799</u>	<u>314792</u>	<u>325761</u>	<u>339759</u>
<u>357738</u>	<u>360731</u>				<u>366728</u>	<u>367724</u>	<u>380715</u>
<u>382688</u>	<u>376672</u>				<u>379668</u>	<u>386665</u>	
<u>387657</u>							
<u>384647</u>							





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 FEB 1977 PART B

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE OF THE WARMER WATER.

