

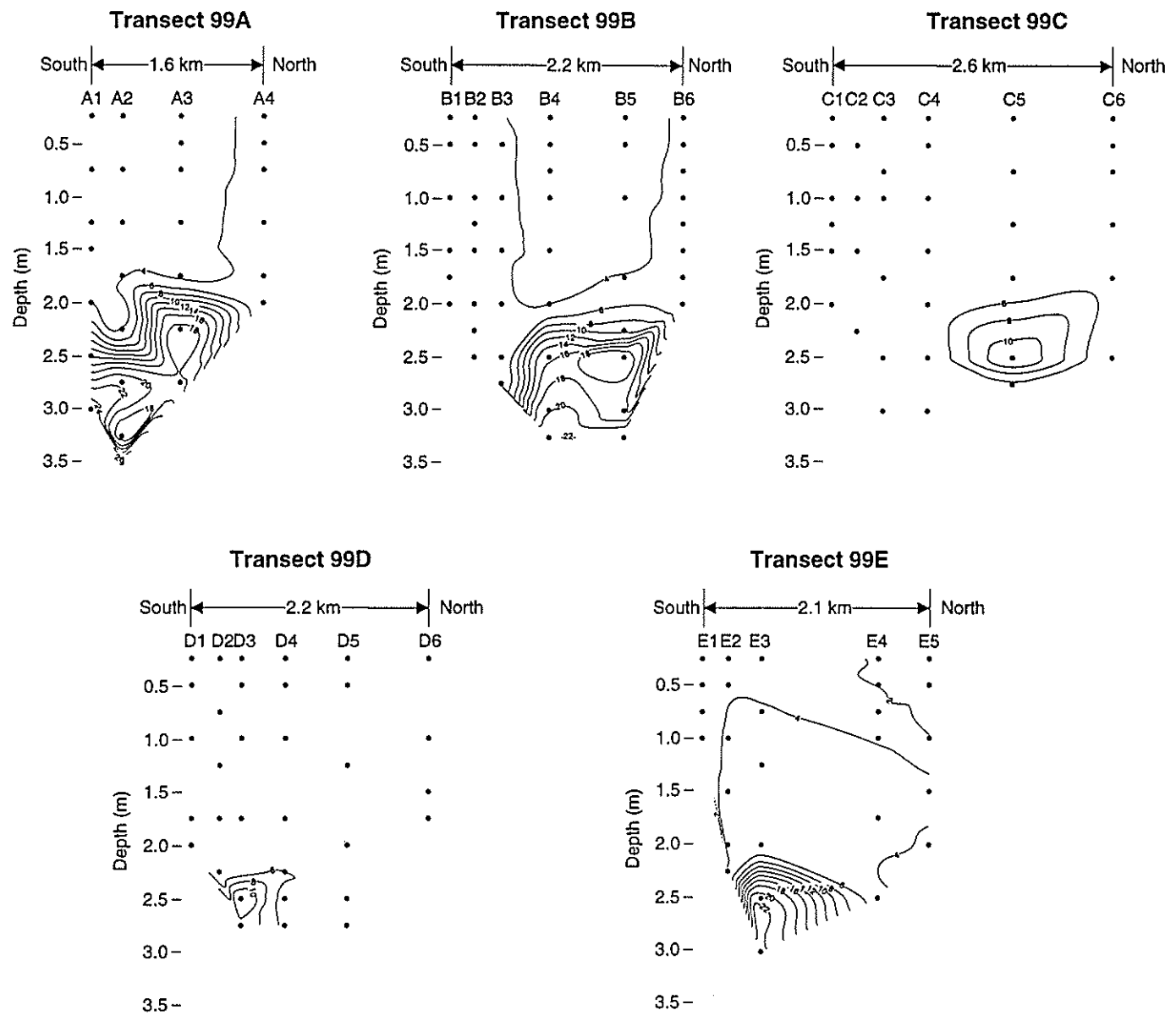
**APPENDIX E**

**Docking Structure Survey  
Daily Salinity Transect Cross-Sections**

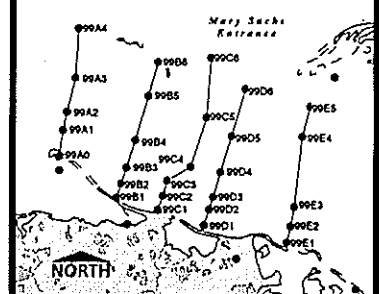


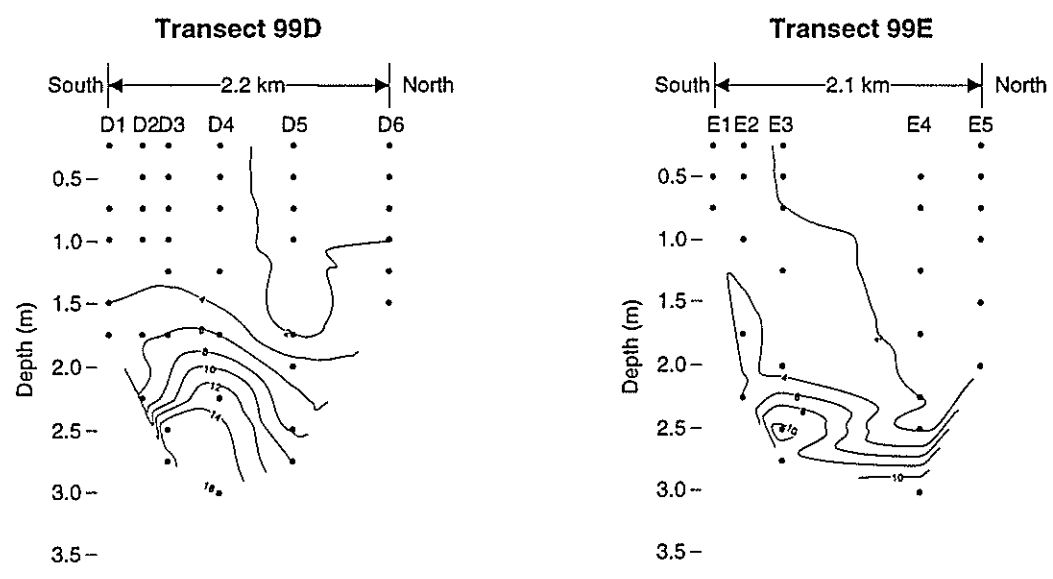
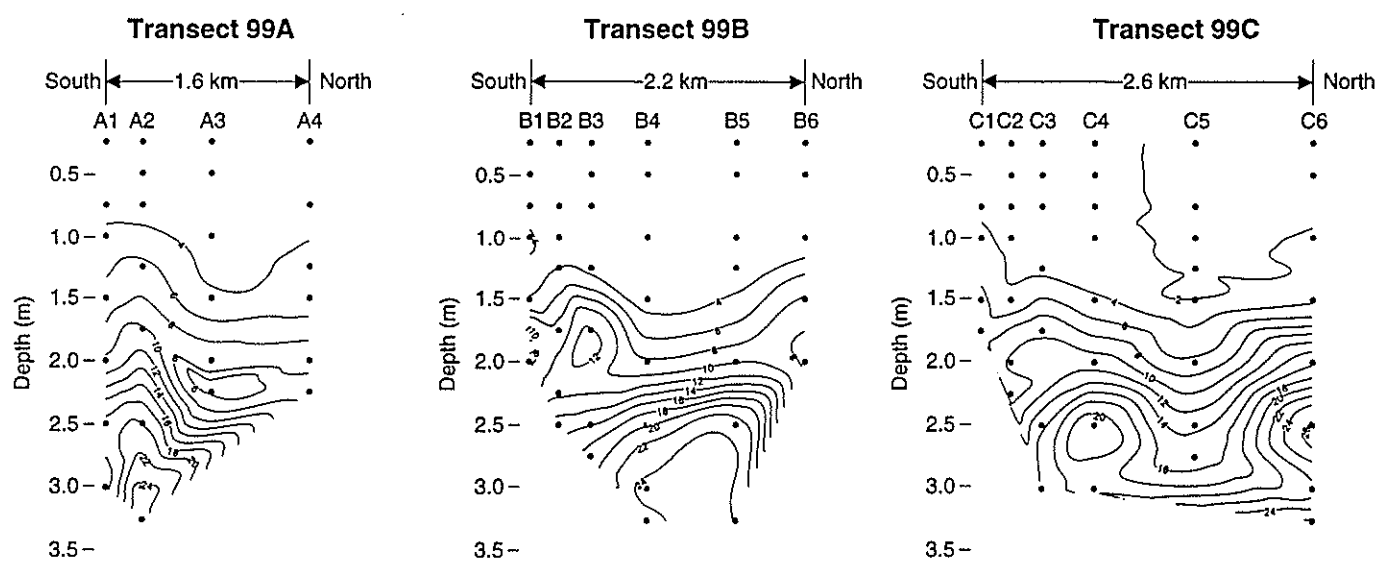
# PT. THOMSON UNIT

## FIGURE E-1 1999 Physical Oceanography July 6, 1999 Salinity Transects (parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.

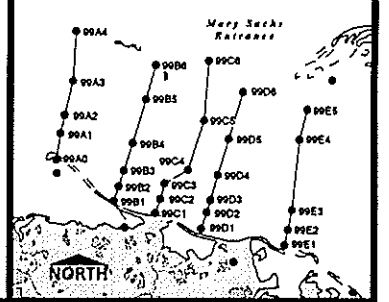




**PT. THOMSON UNIT**

**FIGURE E-2**  
**1999 Physical Oceanography**  
**July 9, 1999**  
**Salinity Transects**  
**(parts per thousand)**

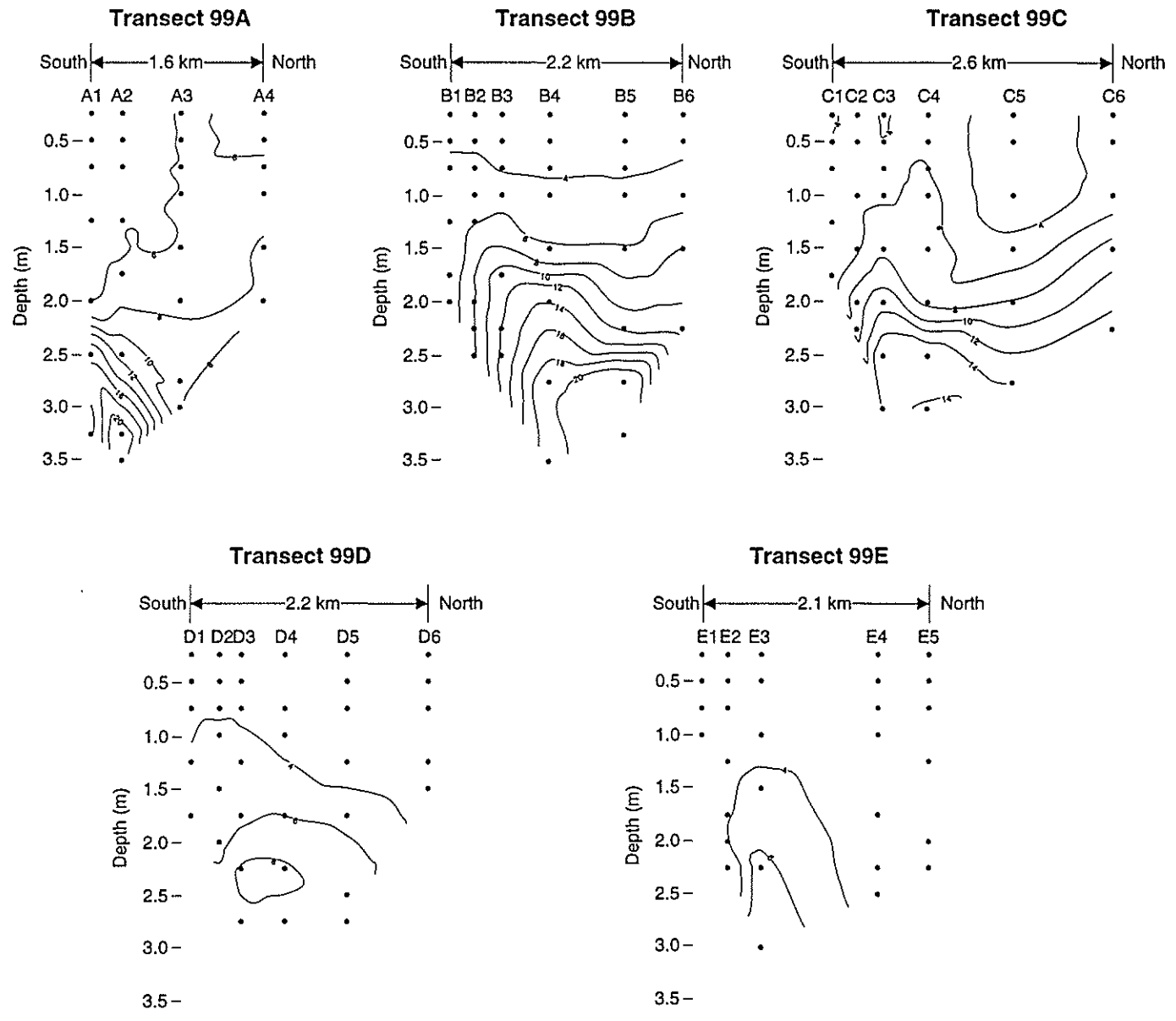
Notes:  
 Base map was digitized from  
 USGS 1:63360 Topographic Map  
 by BPXA Cartography.



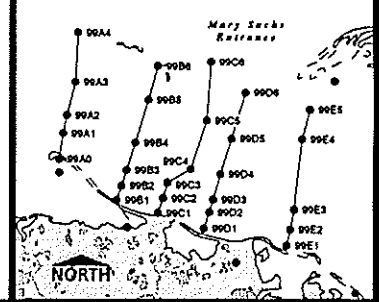


**PT. THOMSON UNIT**

**FIGURE E-3**  
**1999 Physical Oceanography**  
**July 12, 1999**  
**Salinity Transects (parts per thousand)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



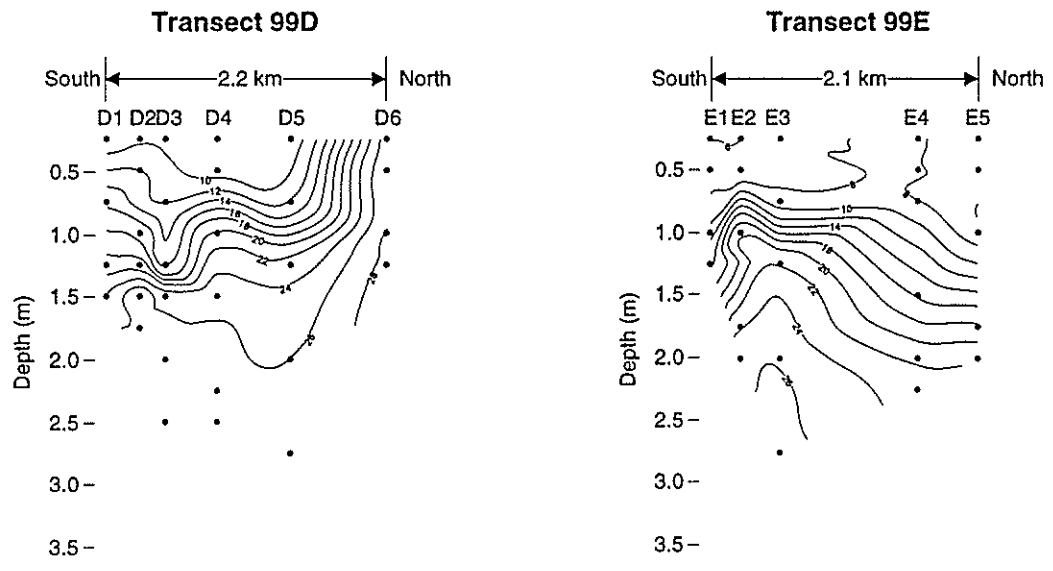
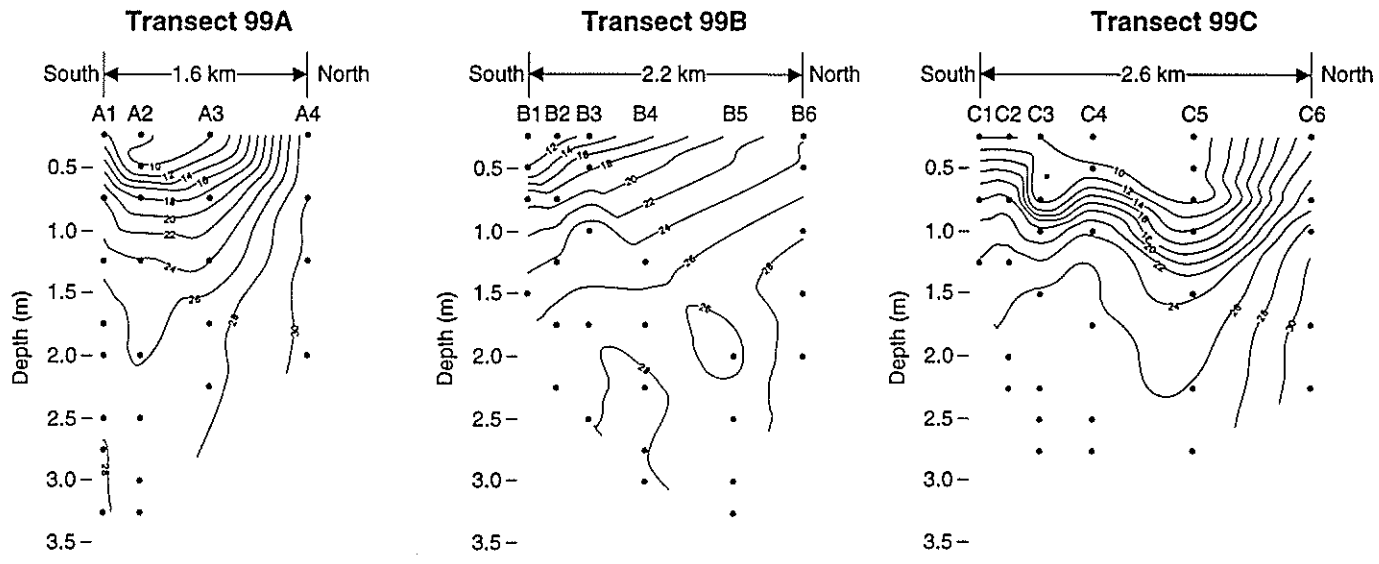


**PT. THOMSON  
UNIT**

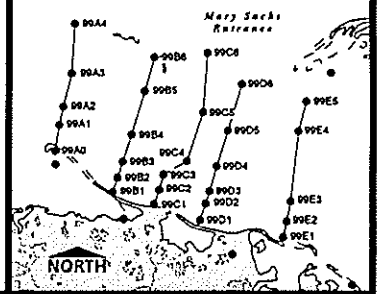
**FIGURE E-4**

**1999 Physical  
Oceanography**

**July 15, 1999  
Salinity Transects  
(parts per thousand)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



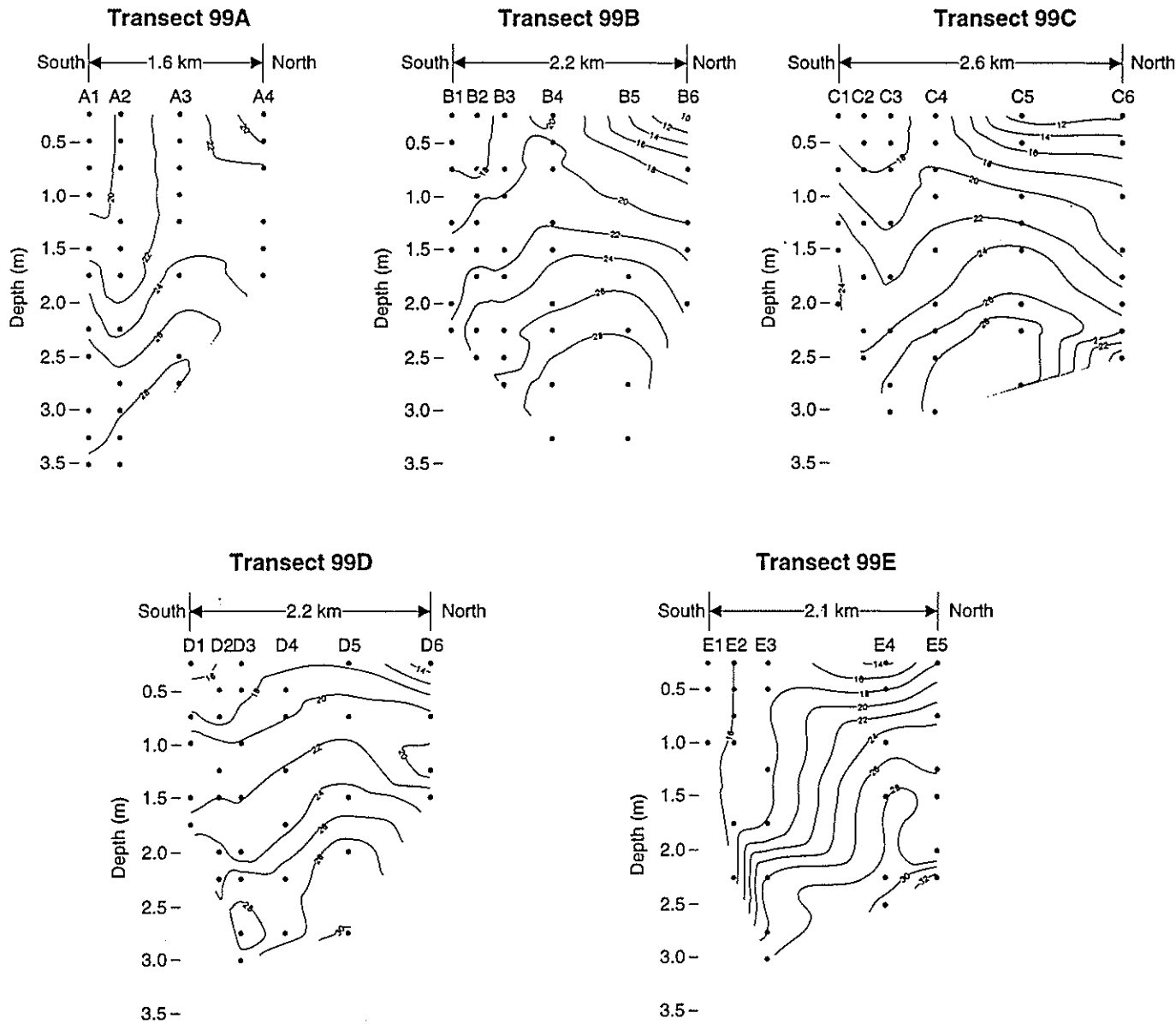


**PT. THOMSON  
UNIT**

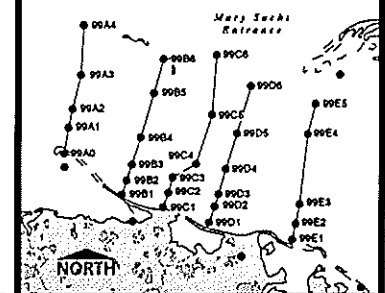
**FIGURE E-5**

**1999 Physical  
Oceanography**

**July 16, 1999  
Salinity Transects  
(parts per thousand)**



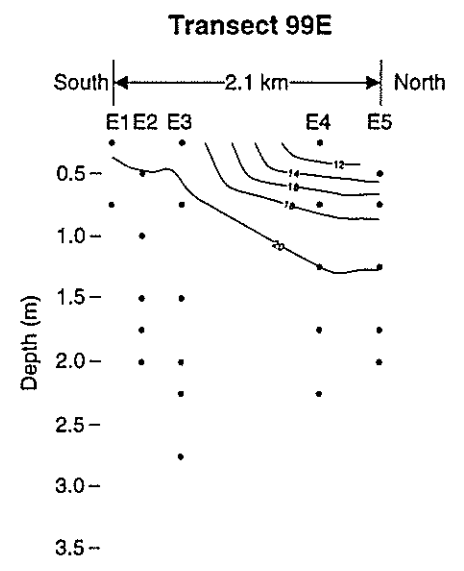
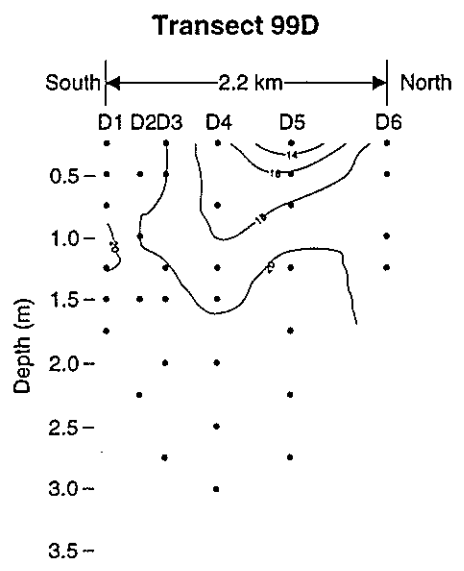
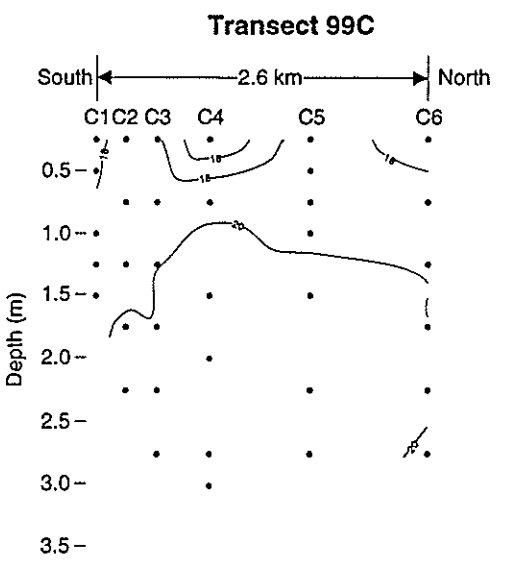
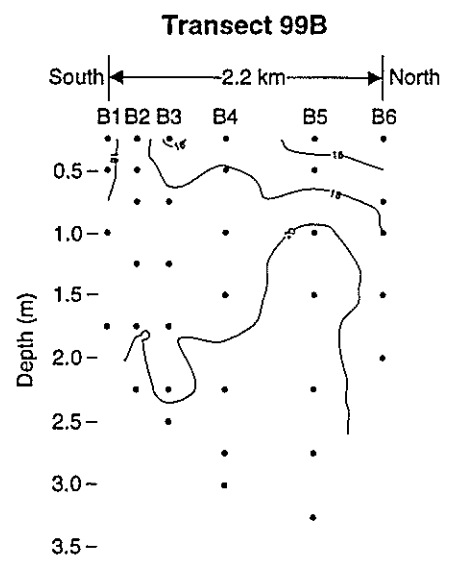
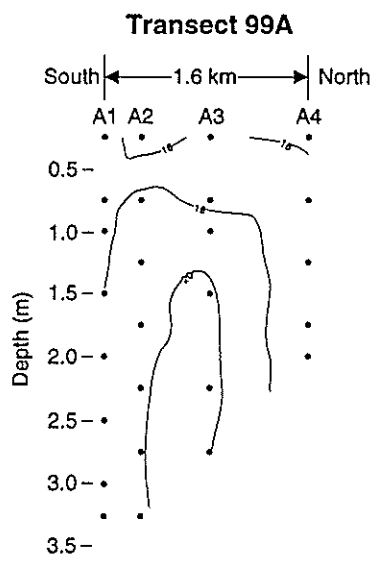
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



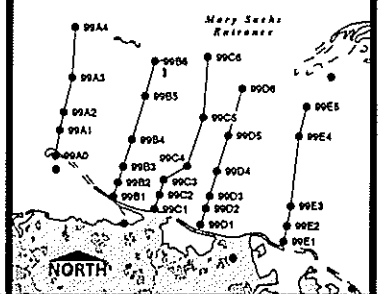


# PT. THOMSON UNIT

## FIGURE E-6 1999 Physical Oceanography July 19, 1999 Salinity Transects (parts per thousand)



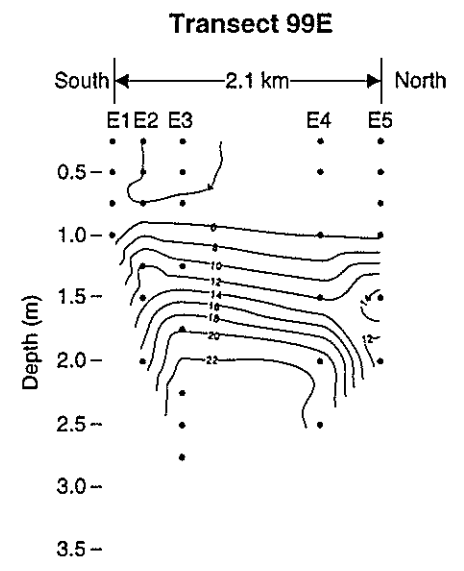
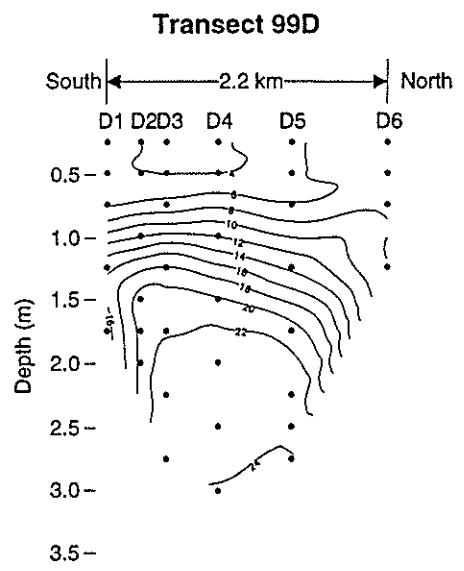
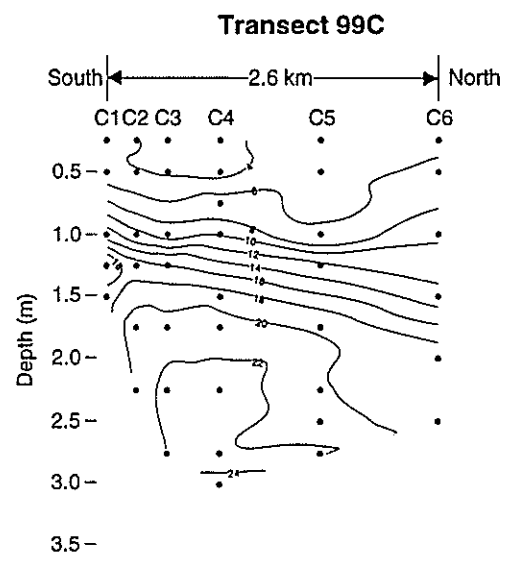
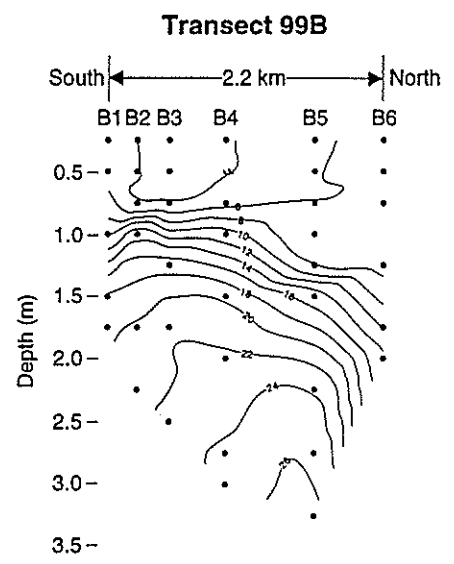
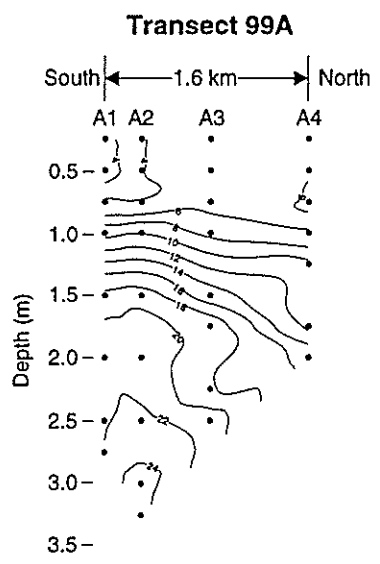
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



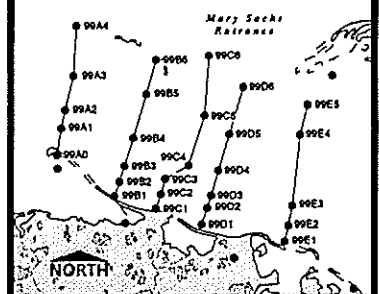


# PT. THOMSON UNIT

## FIGURE E-7 1999 Physical Oceanography July 22, 1999 Salinity Transects (parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





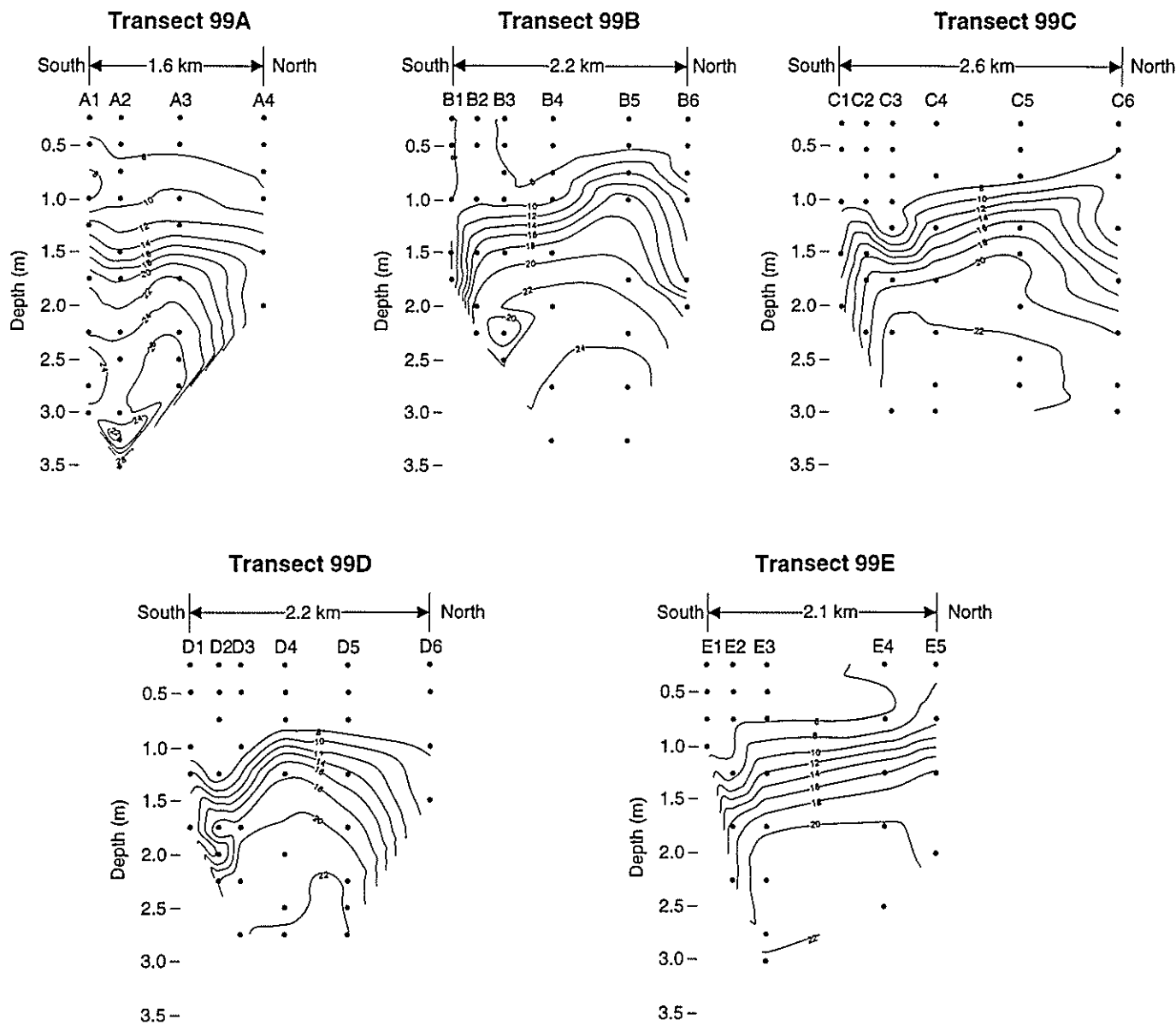


# PT. THOMSON UNIT

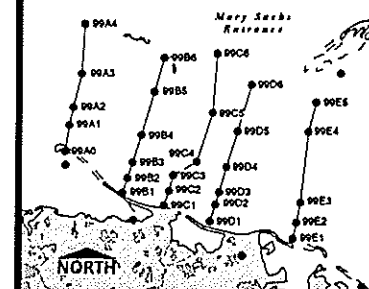
## FIGURE E-8

### 1999 Physical Oceanography

### July 23, 1999 Salinity Transects (parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





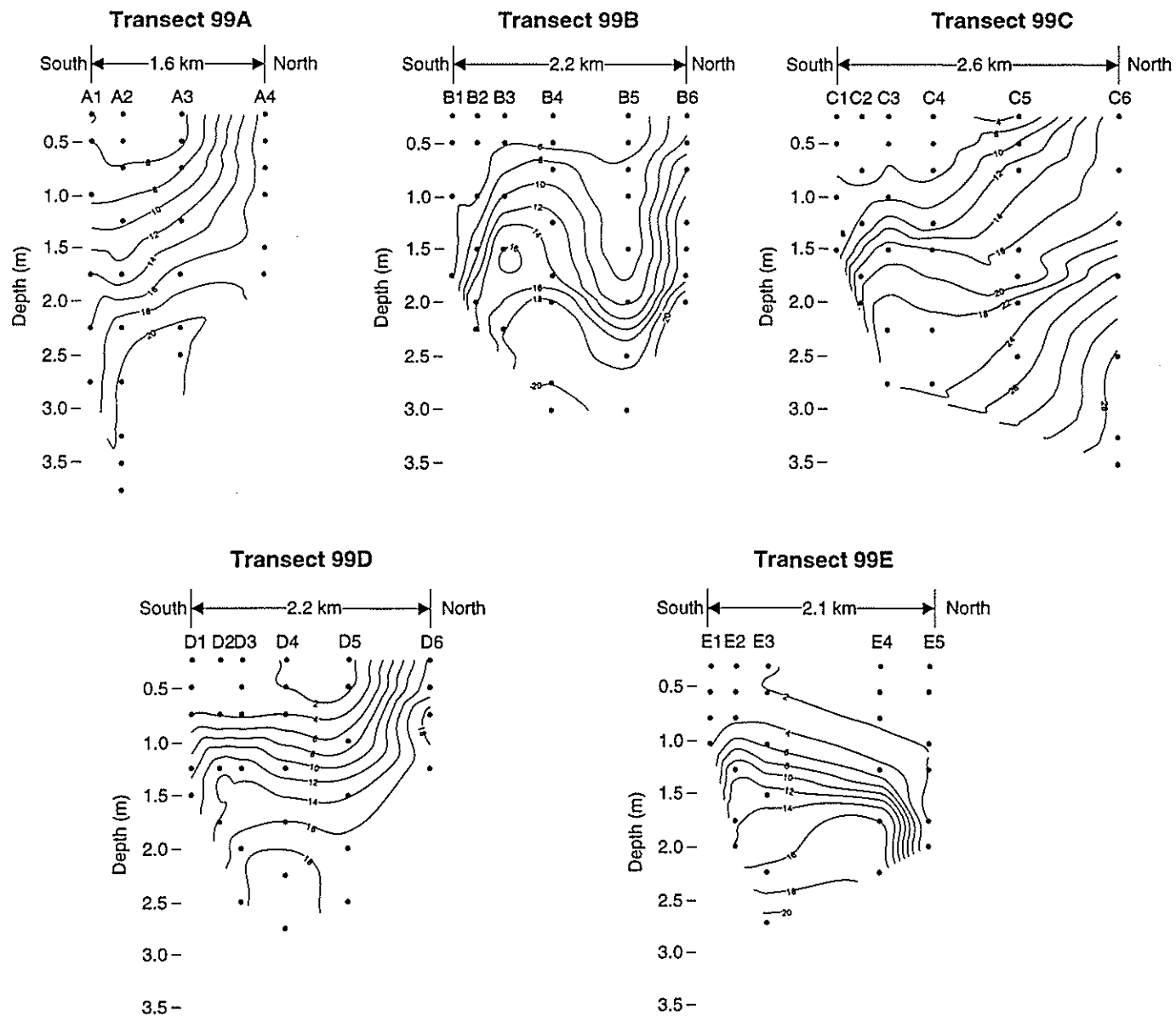
# PT. THOMSON UNIT

## FIGURE E-9

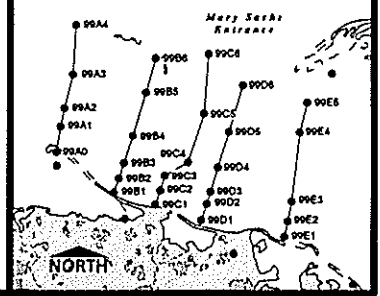
### 1999 Physical Oceanography

#### July 25, 1999

#### Salinity Transects (parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



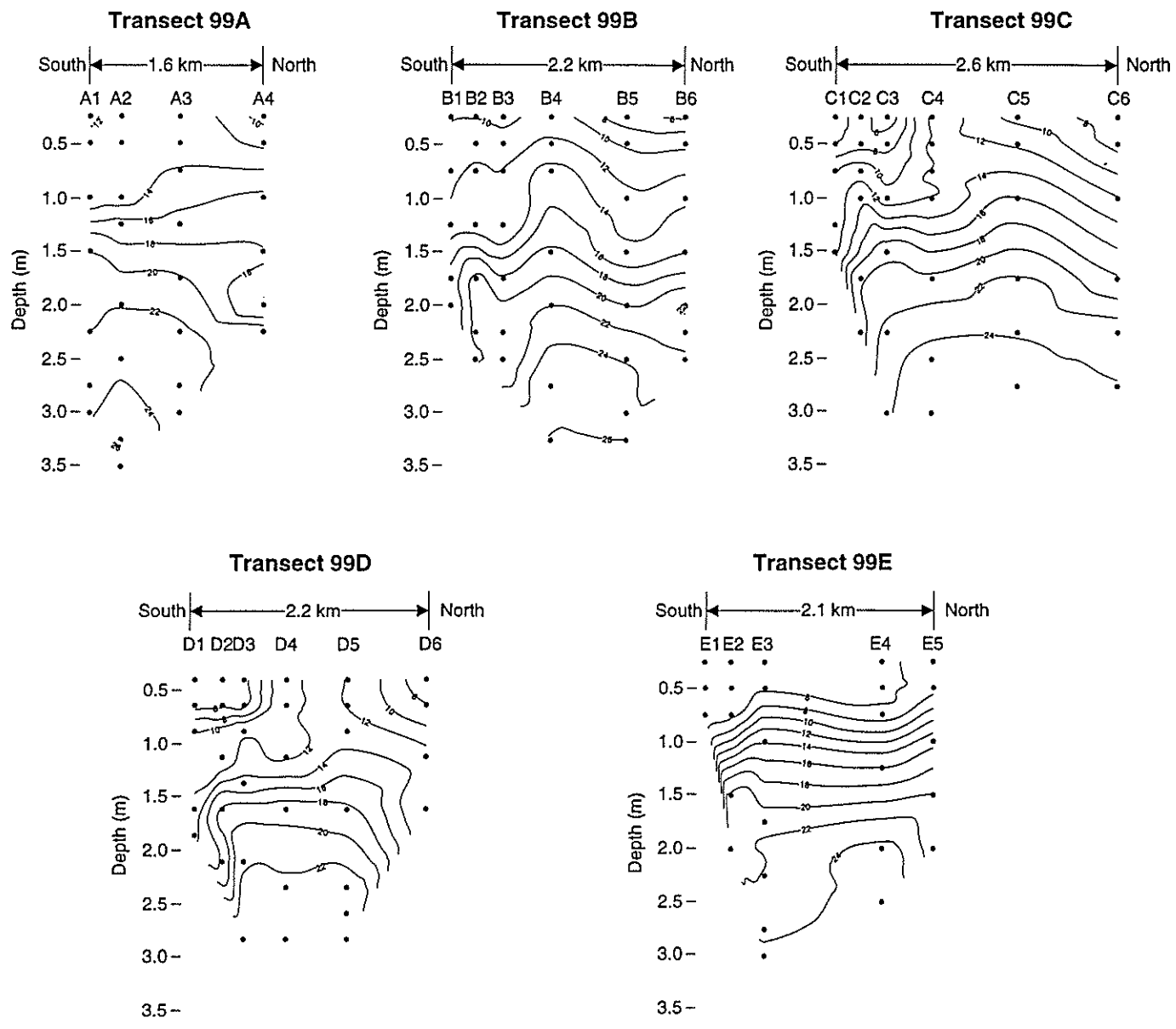


# PT. THOMSON UNIT

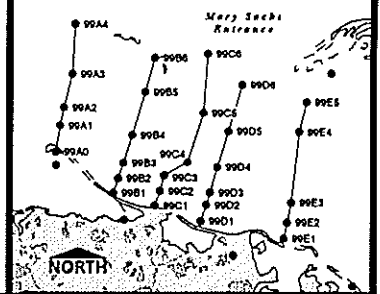
## FIGURE E-10

### 1999 Physical Oceanography

July 28, 1999  
Salinity Transects  
(parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



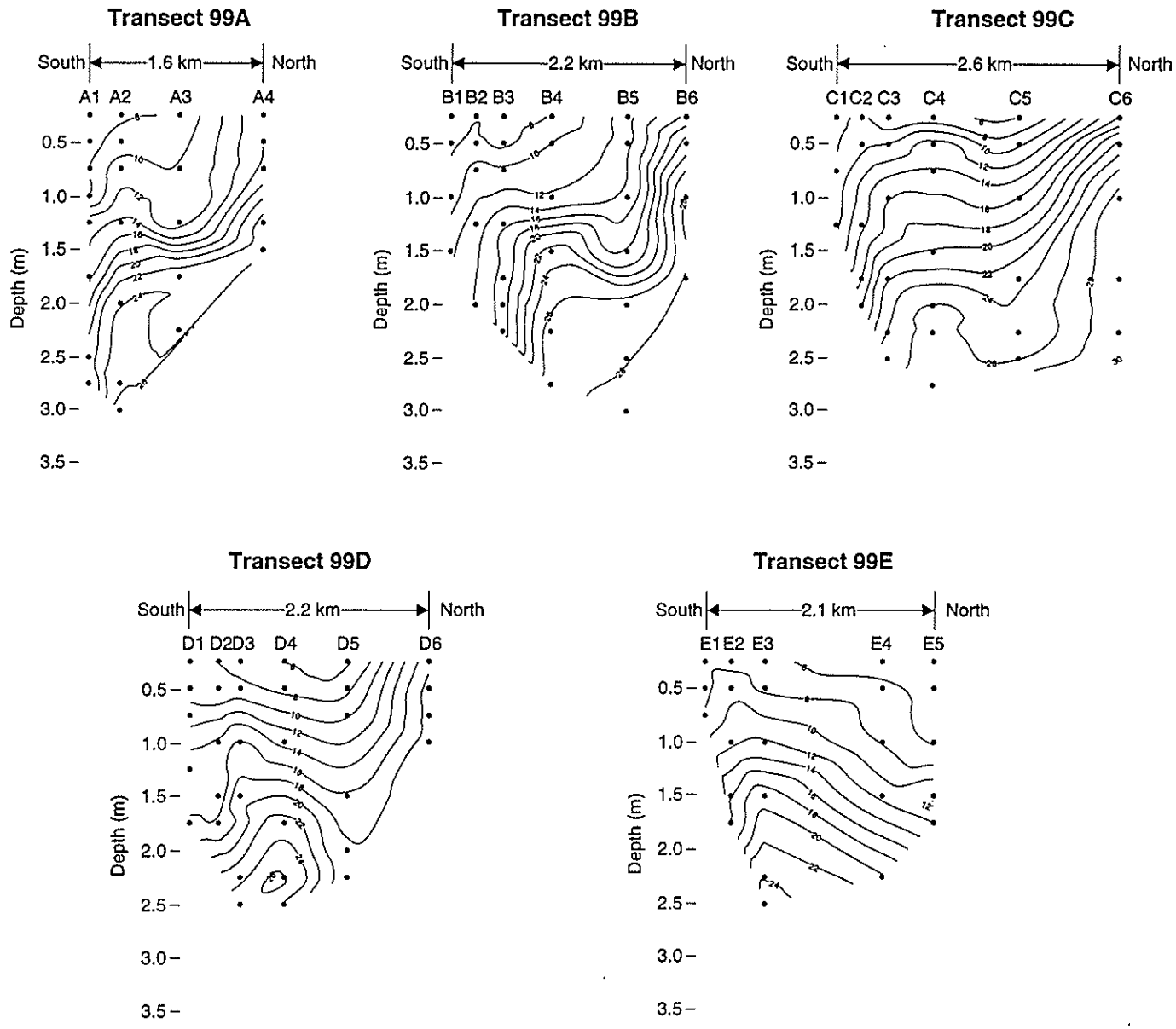


# PT. THOMSON UNIT

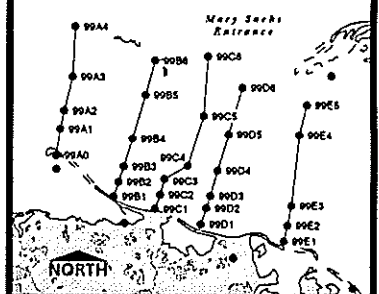
## FIGURE E-11

### 1999 Physical Oceanography

July 30, 1999  
Salinity Transects  
(parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





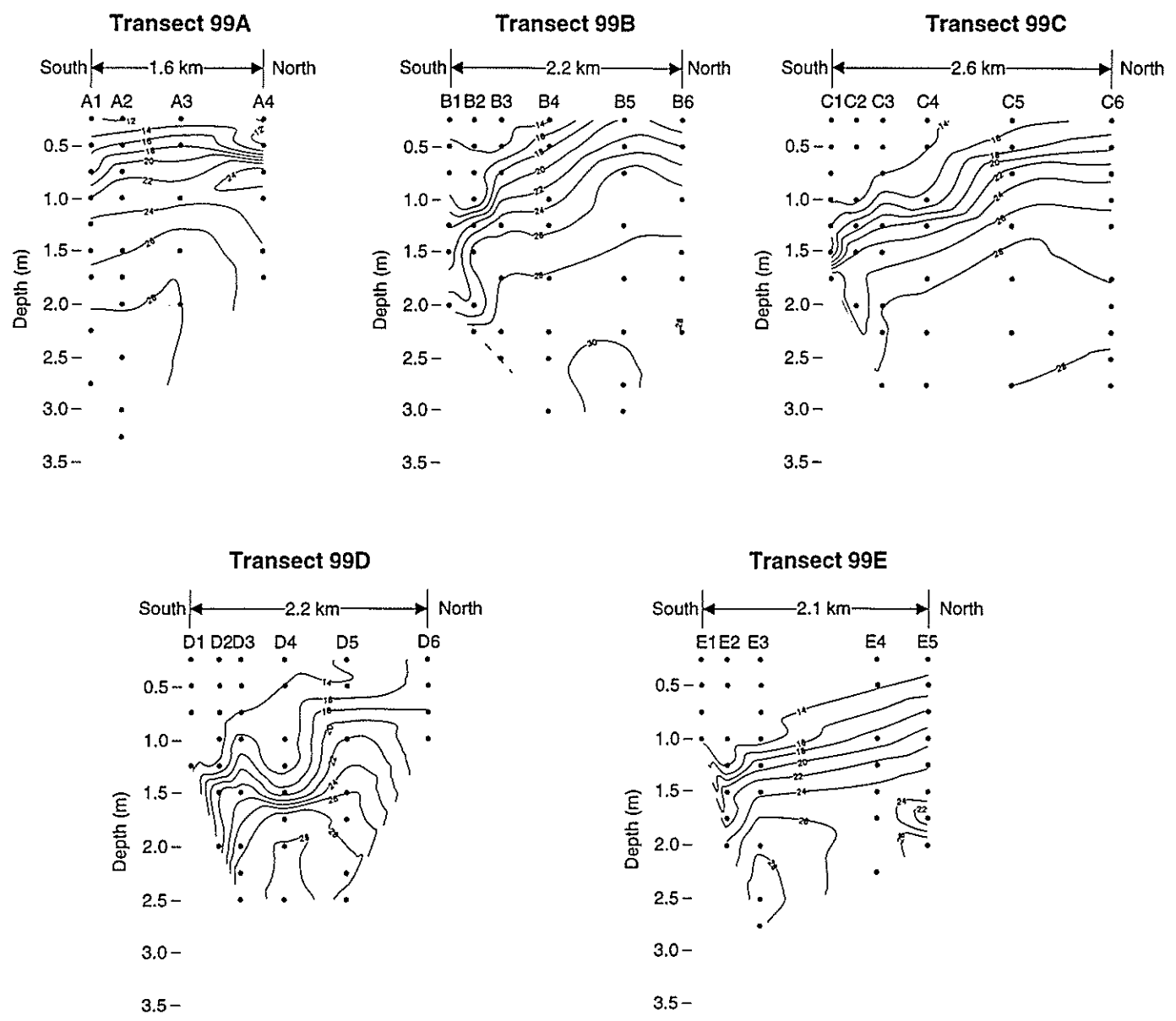
# PT. THOMSON UNIT

## FIGURE E-12

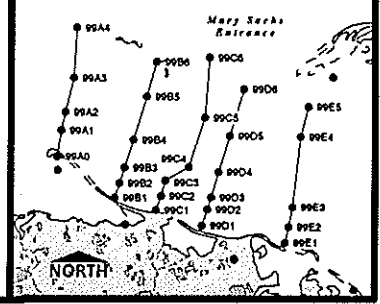
### 1999 Physical Oceanography

#### August 1, 1999

#### Salinity Transects (parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



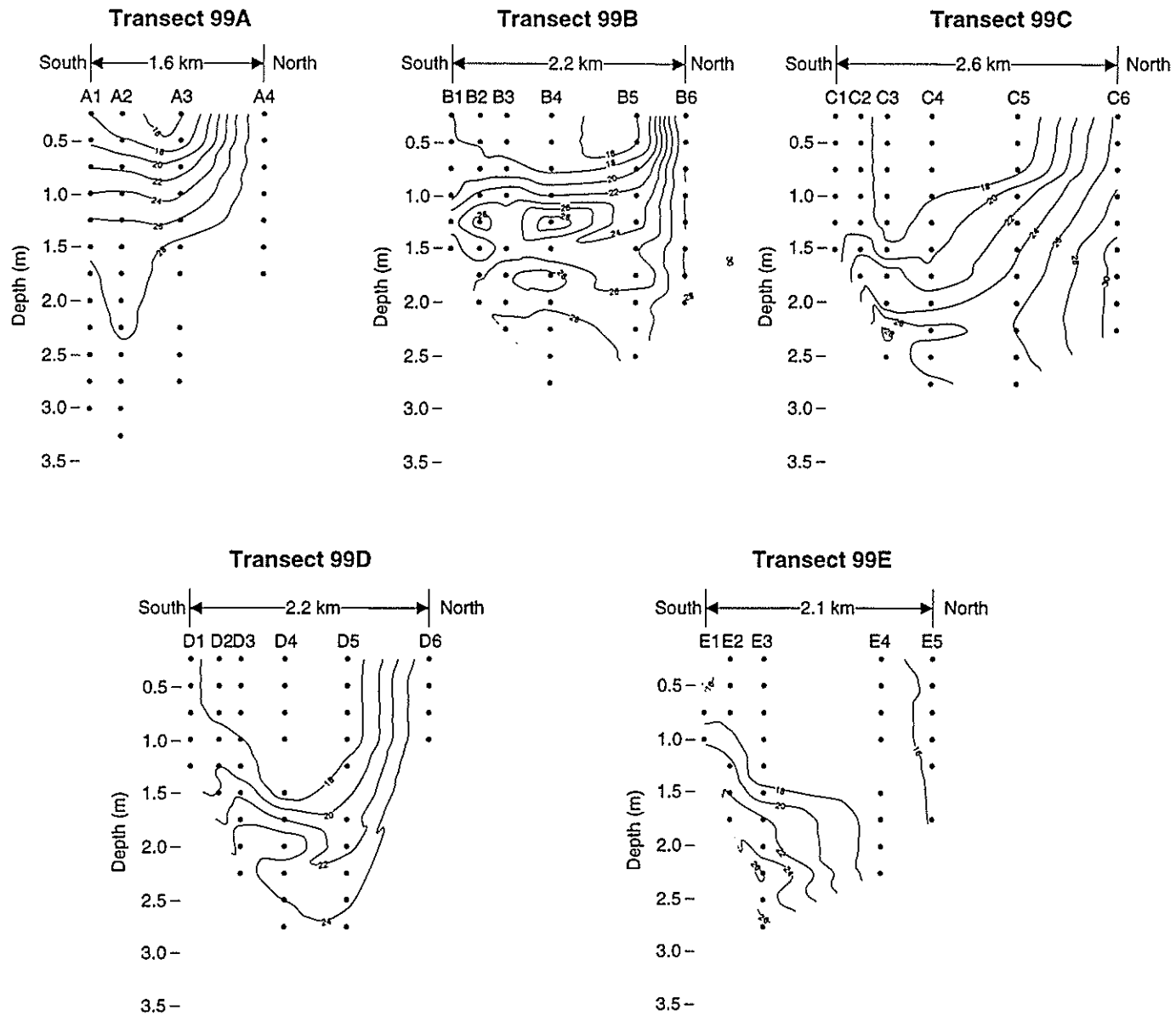


**PT. THOMSON  
UNIT**

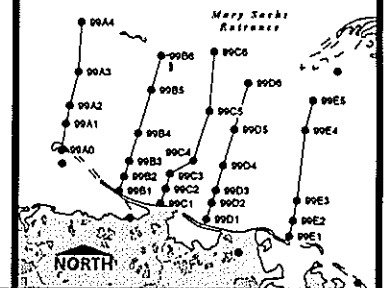
**FIGURE E-13**

**1999 Physical  
Oceanography**

**August 4, 1999  
Salinity Transects  
(parts per thousand)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



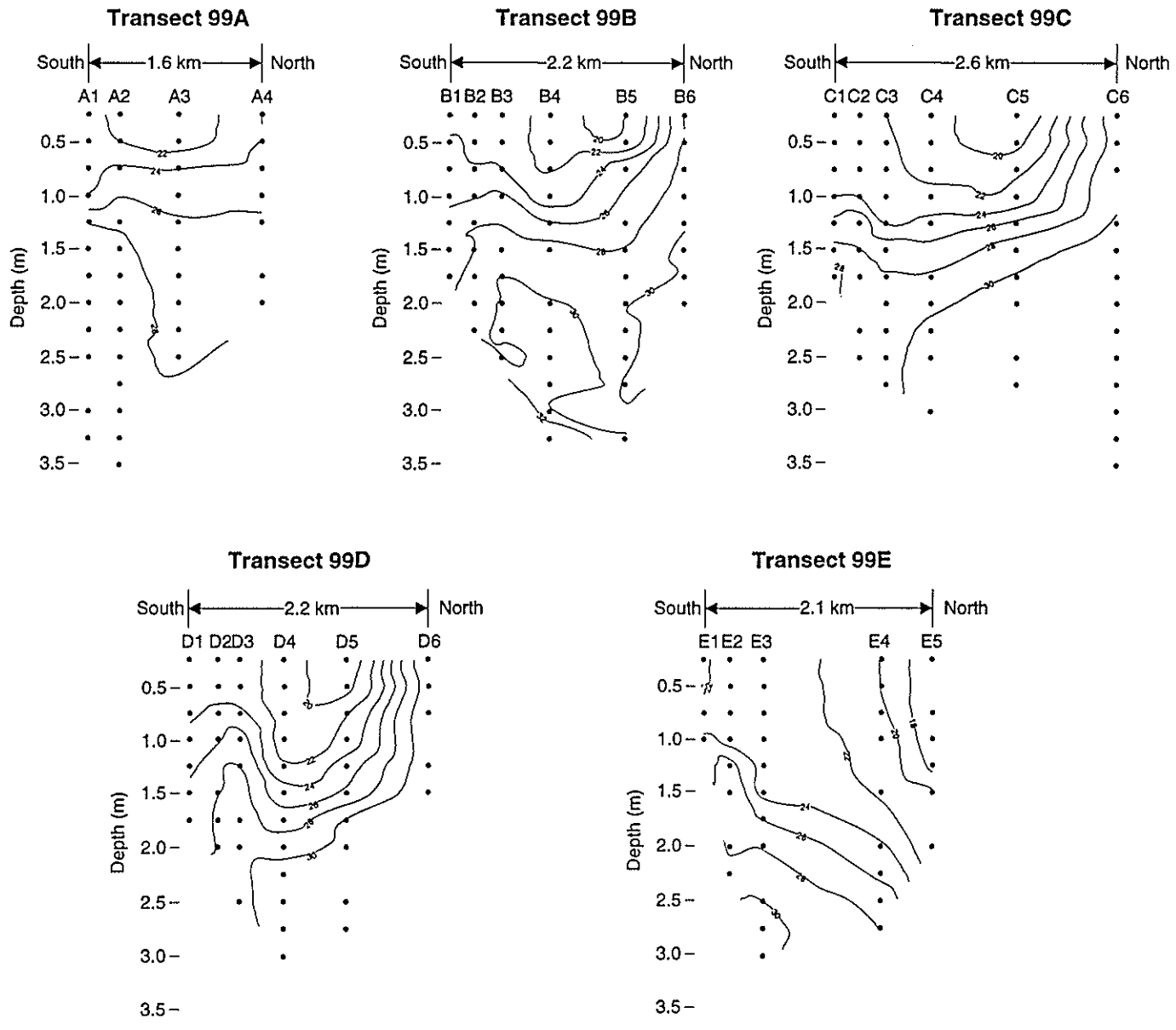


**PT. THOMSON  
UNIT**

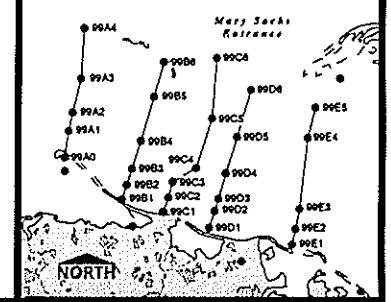
**FIGURE E-14**

**1999 Physical  
Oceanography**

**August 7, 1999  
Salinity Transects  
(parts per thousand)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



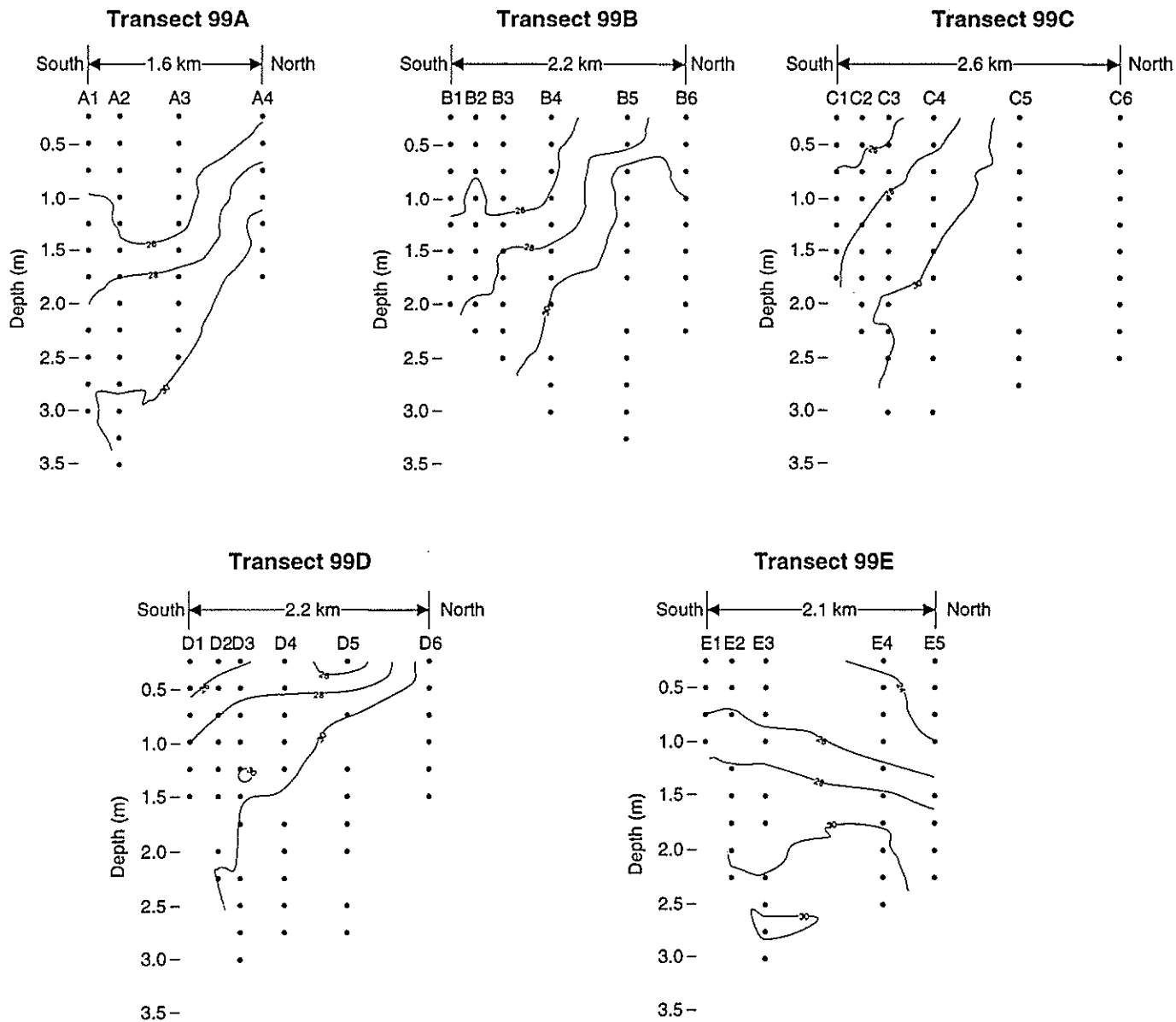


**PT. THOMSON  
UNIT**

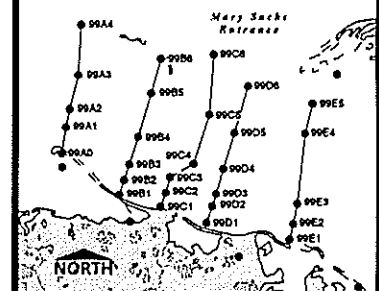
**FIGURE E-15**

**1999 Physical  
Oceanography**

**August 10, 1999  
Salinity Transects  
(parts per thousand)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





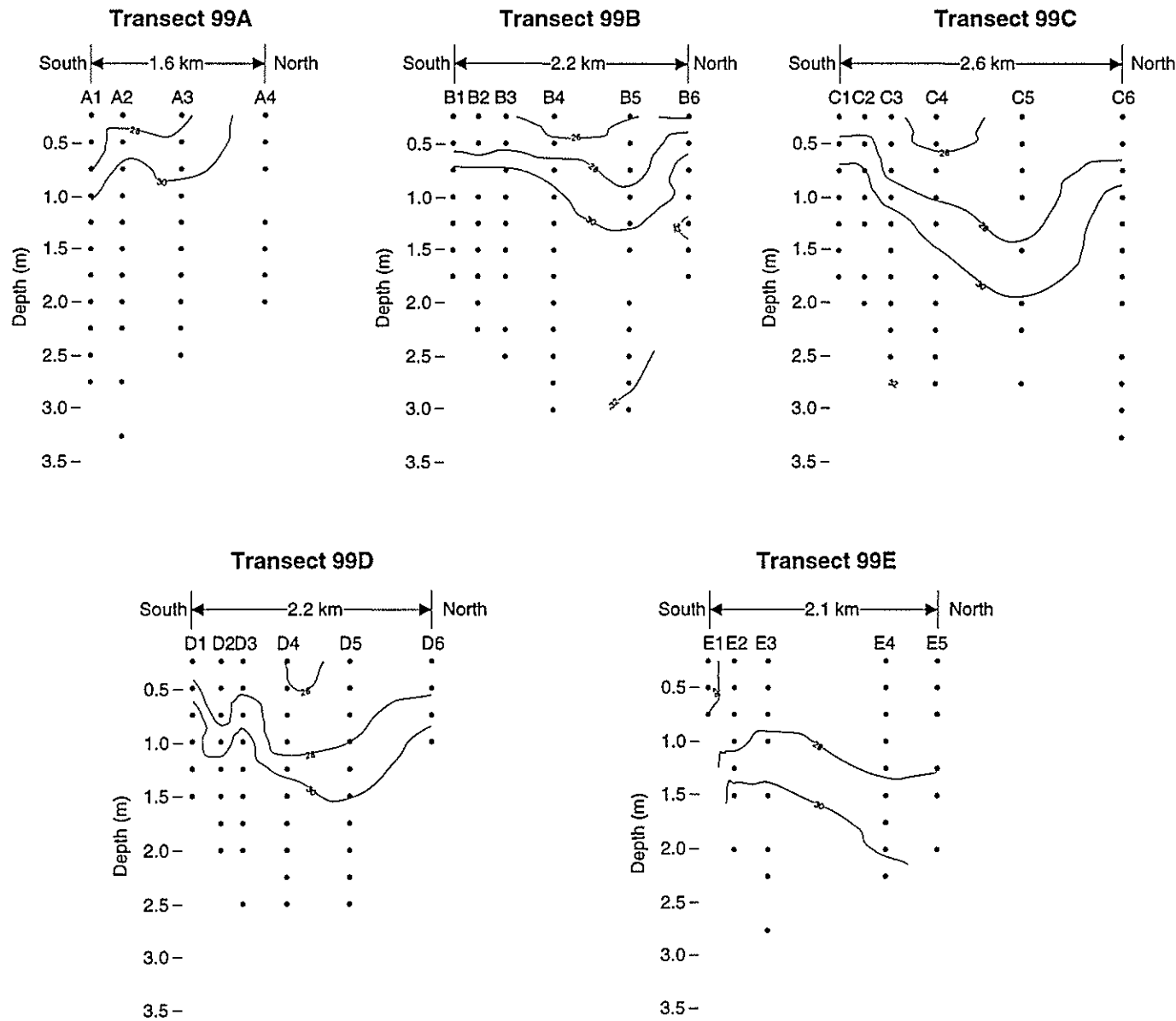


**PT. THOMSON  
UNIT**

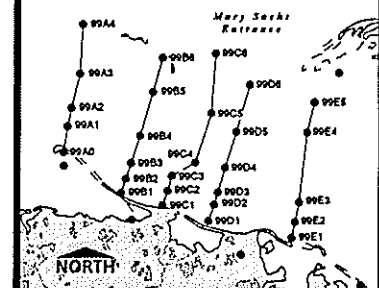
**FIGURE E-16**

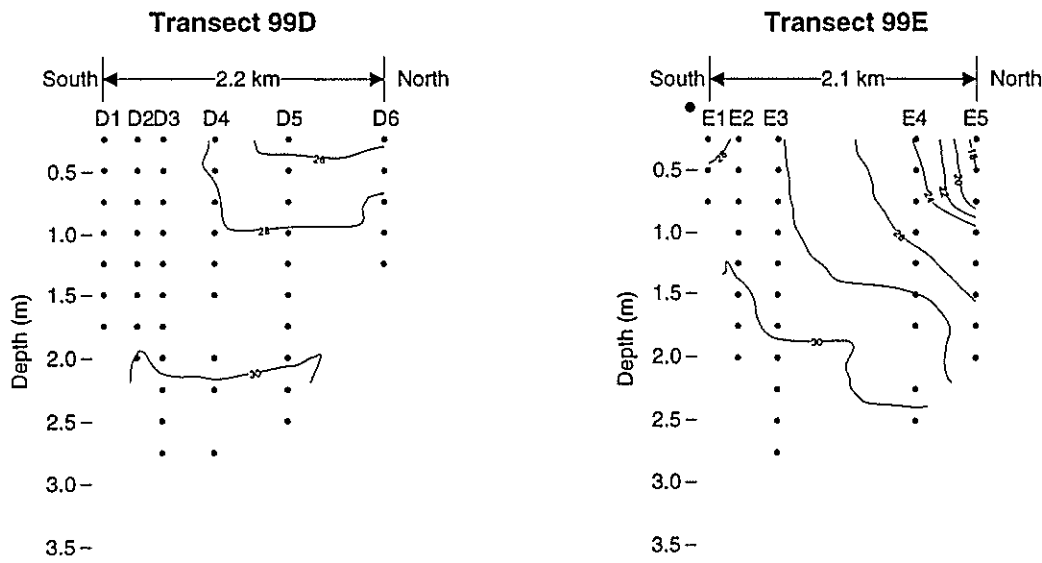
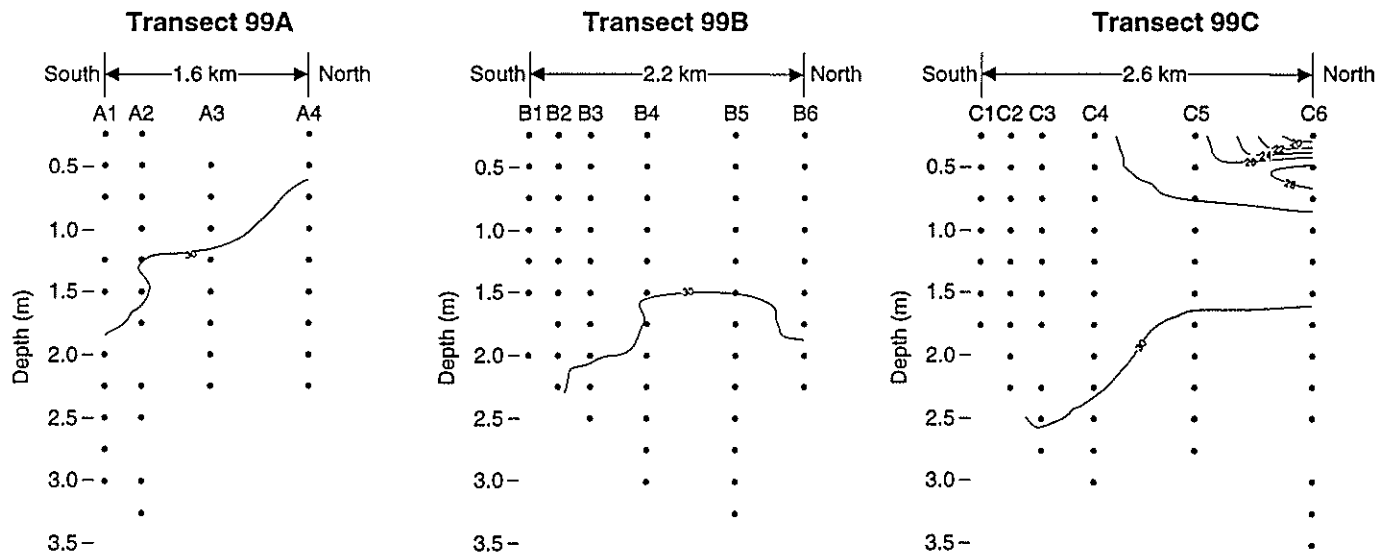
**1999 Physical  
Oceanography**

**August 13, 1999  
Salinity Transects  
(parts per thousand)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.

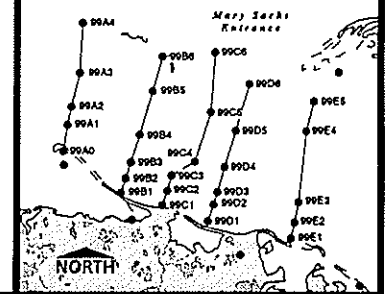




**PT. THOMSON UNIT**

**FIGURE E-17**  
**1999 Physical Oceanography**  
**August 16, 1999**  
**Salinity Transects**  
**(parts per thousand)**

Notes:  
 Base map was digitized from  
 USGS 1:63360 Topographic Map  
 by BPXA Cartography.



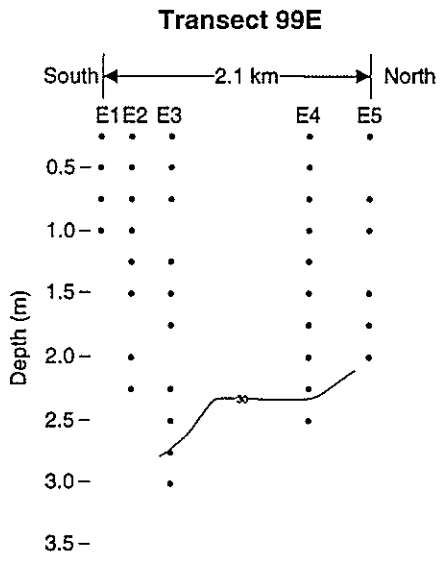
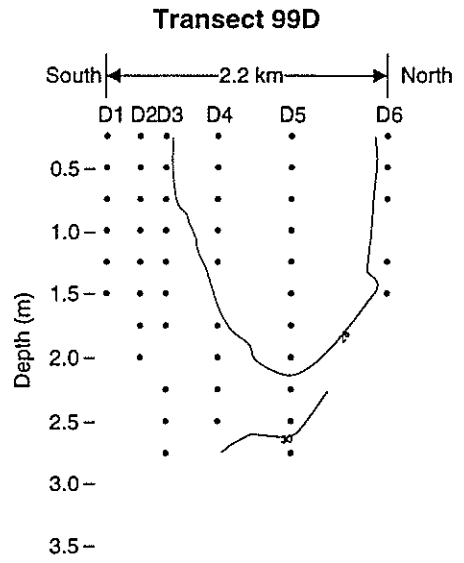
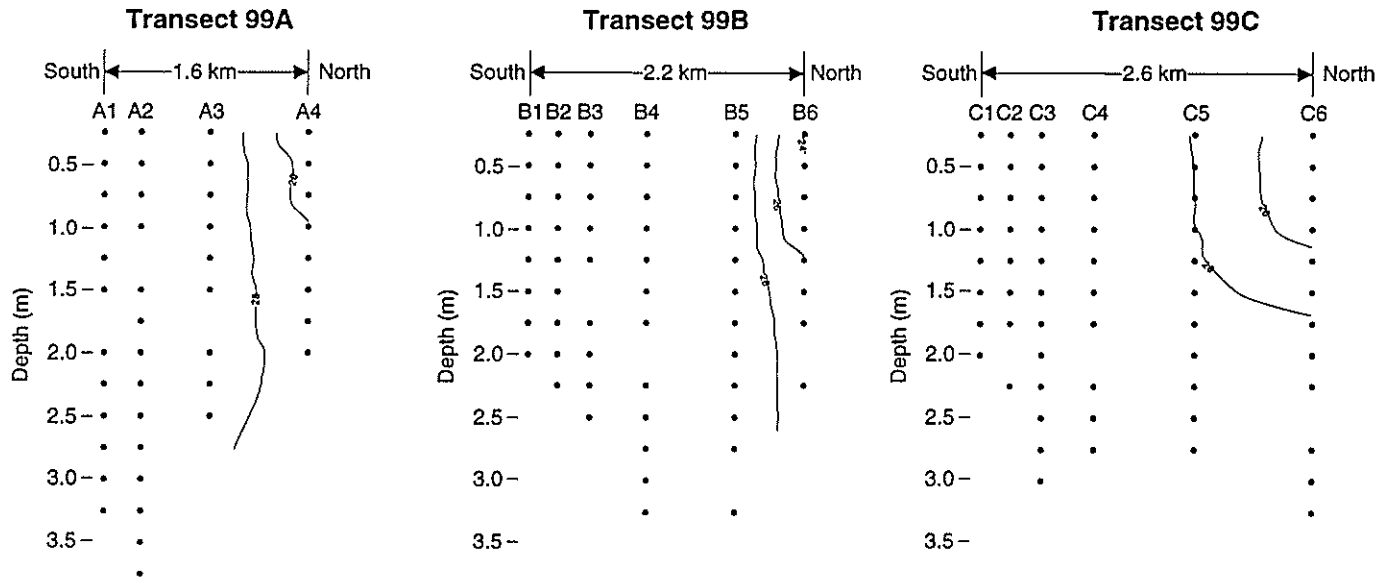


**PT. THOMSON  
UNIT**

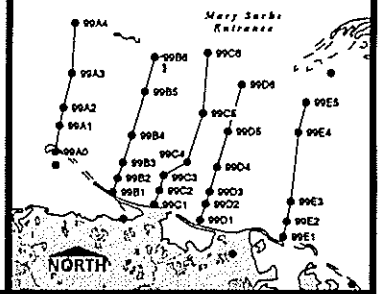
**FIGURE E-18**

**1999 Physical  
Oceanography**

**August 17, 1999  
Salinity Transects  
(parts per thousand)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



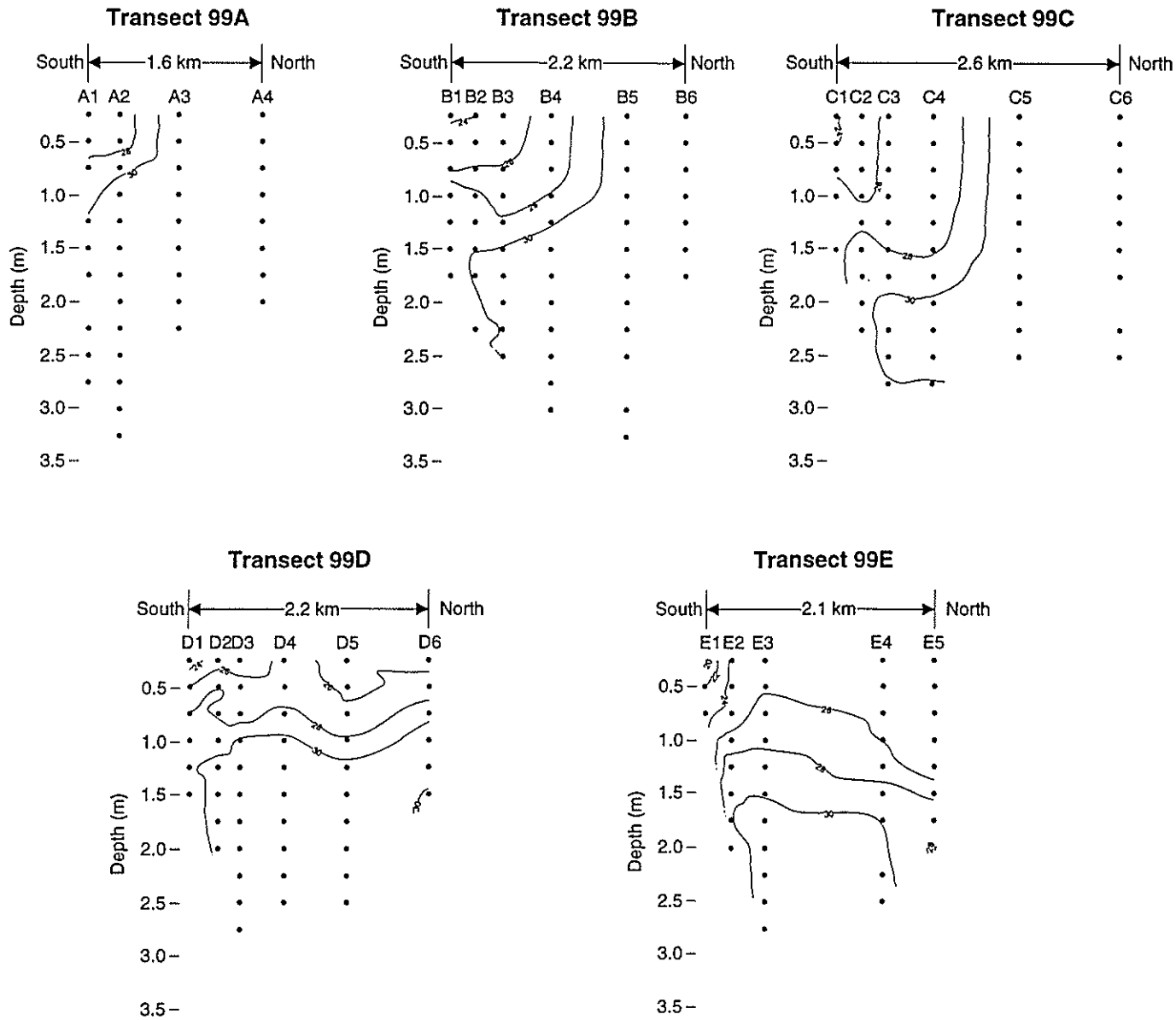


# PT. THOMSON UNIT

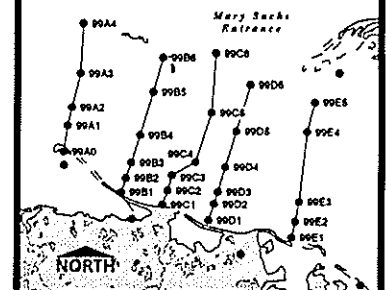
## FIGURE E-19

### 1999 Physical Oceanography

### August 25, 1999 Salinity Transects (parts per thousand)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.

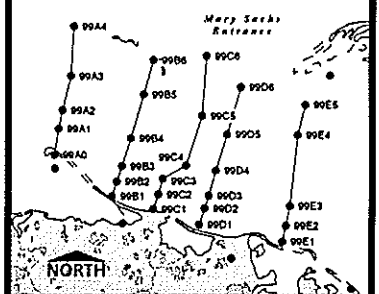




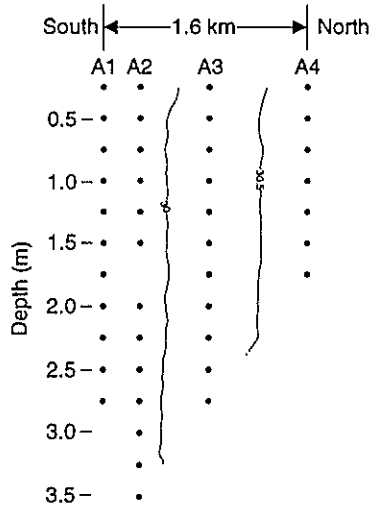
# PT. THOMSON UNIT

**FIGURE E-20**  
**1999 Physical Oceanography**  
**August 26, 1999**  
**Salinity Transects**  
**(parts per thousand)**

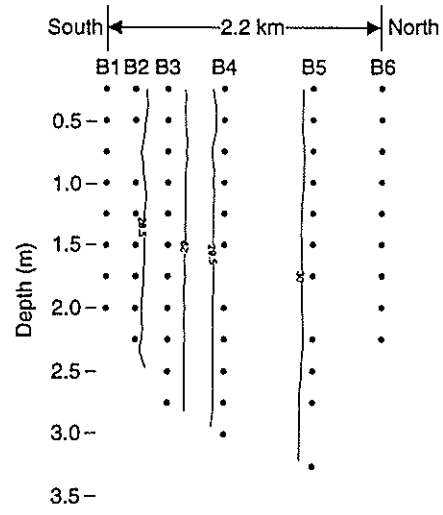
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



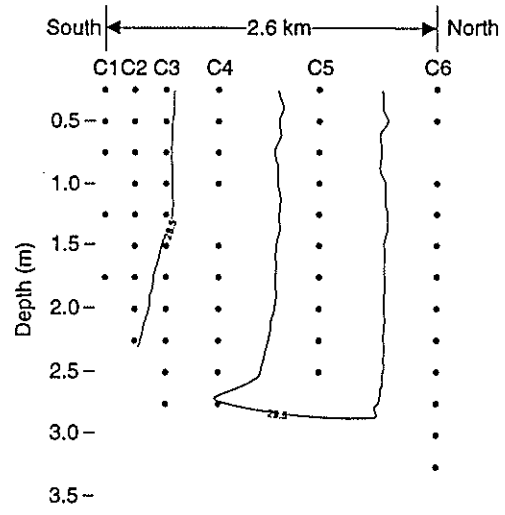
### Transect 99A



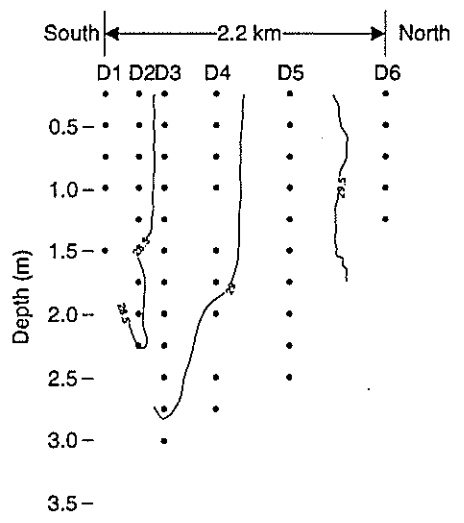
### Transect 99B



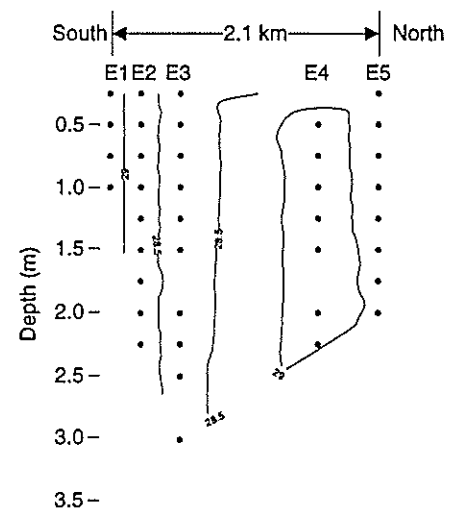
### Transect 99C



### Transect 99D

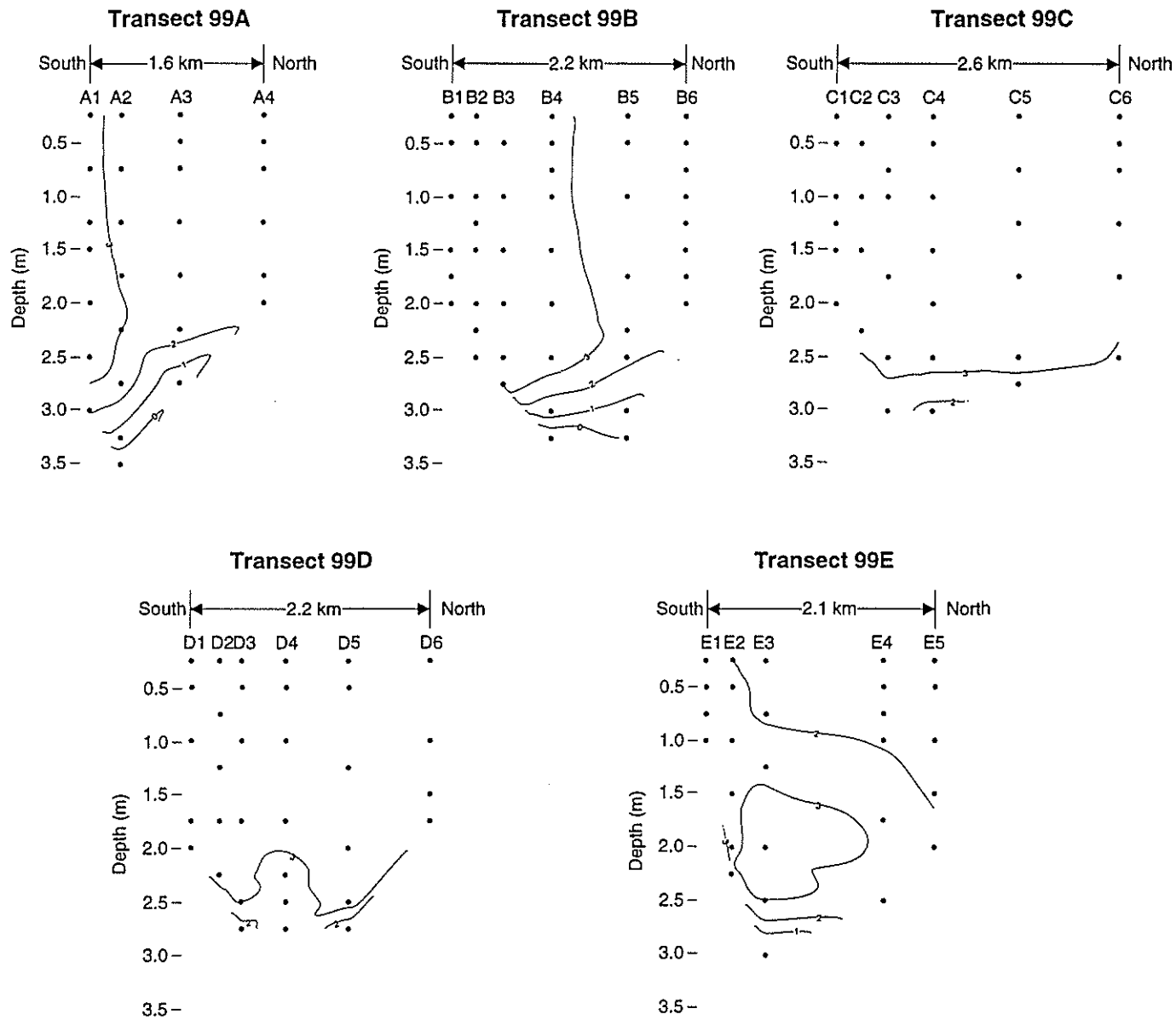


### Transect 99E



**APPENDIX F**

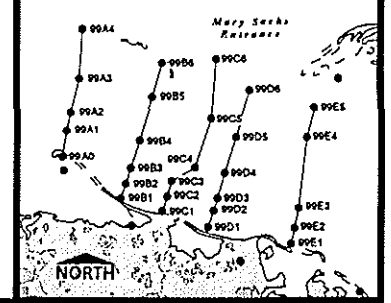
**Docking Structure Survey  
Daily Temperature Transect Cross-Sections**



**PT. THOMSON UNIT**

**FIGURE F-1**  
**1999 Physical Oceanography**  
**July 6, 1999**  
**Temperature**  
**Transects**  
**(Celsius)**

Notes:  
 Base map was digitized from  
 USGS 1:63360 Topographic Map  
 by BPXA Cartography.



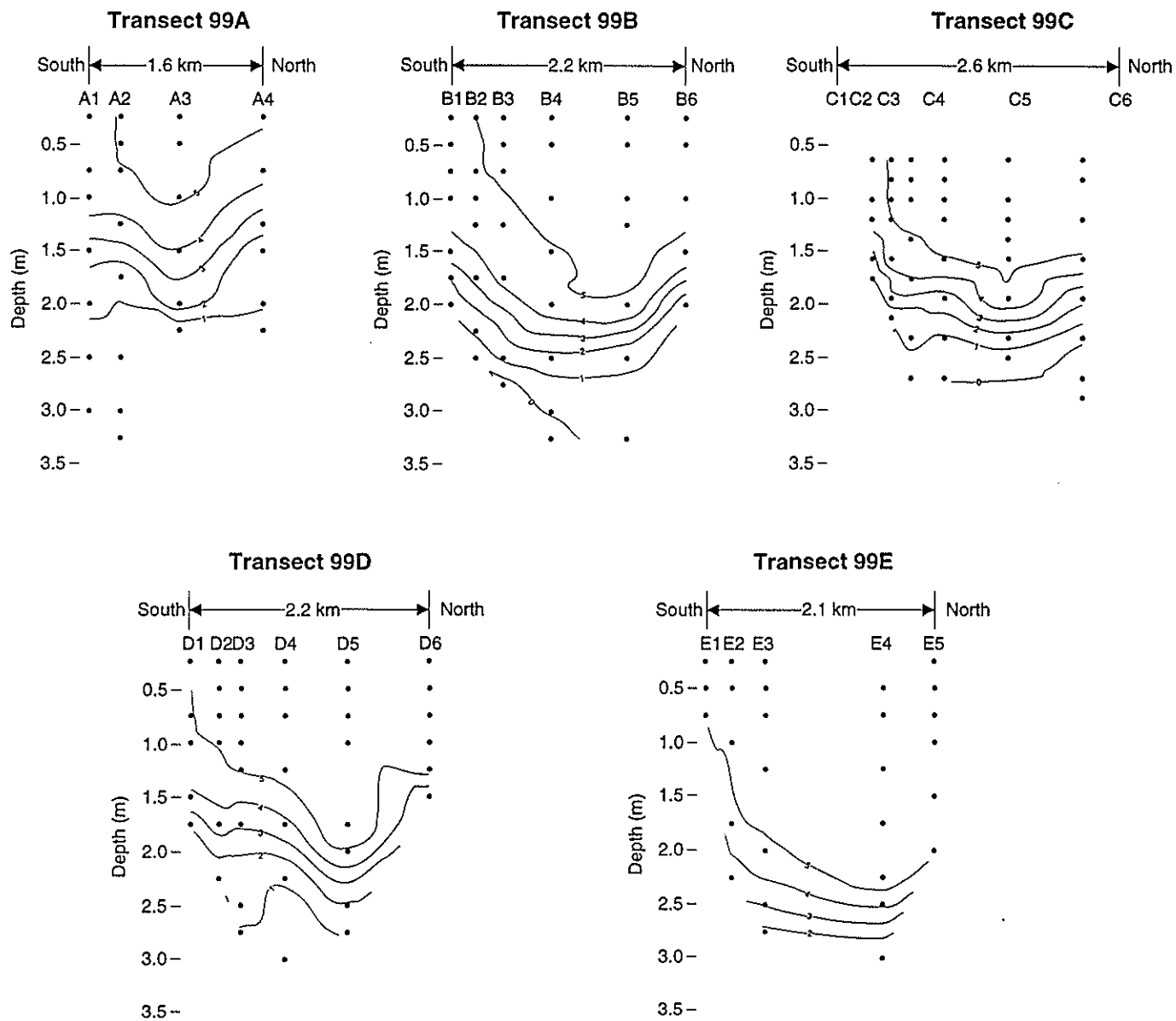


# PT. THOMSON UNIT

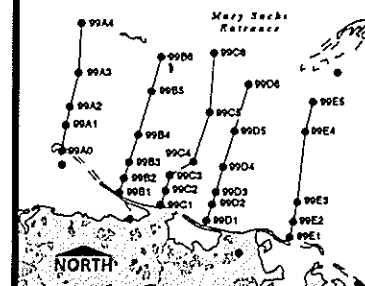
## FIGURE F-2

### 1999 Physical Oceanography

#### July 9, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from USGS 1:63360 Topographic Map by BPXA Cartography.







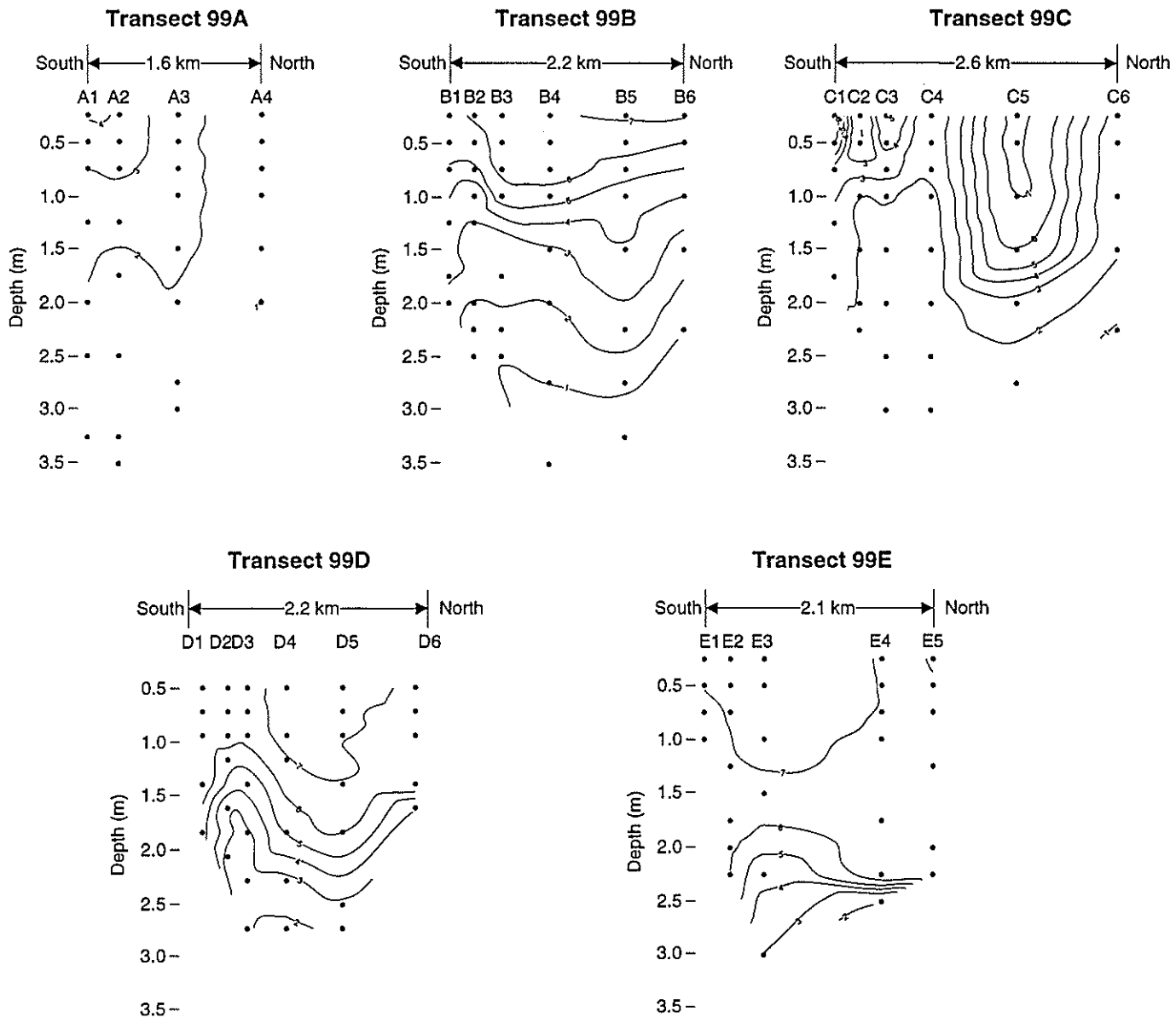
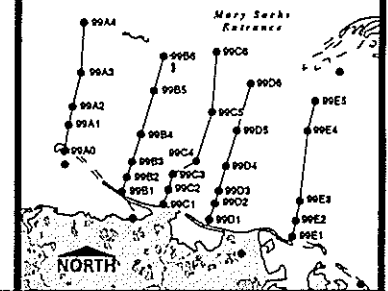
**PT. THOMSON  
UNIT**

**FIGURE F-3**

**1999 Physical  
Oceanography**

**July 12, 1999  
Temperature  
Transects  
(Celsius)**

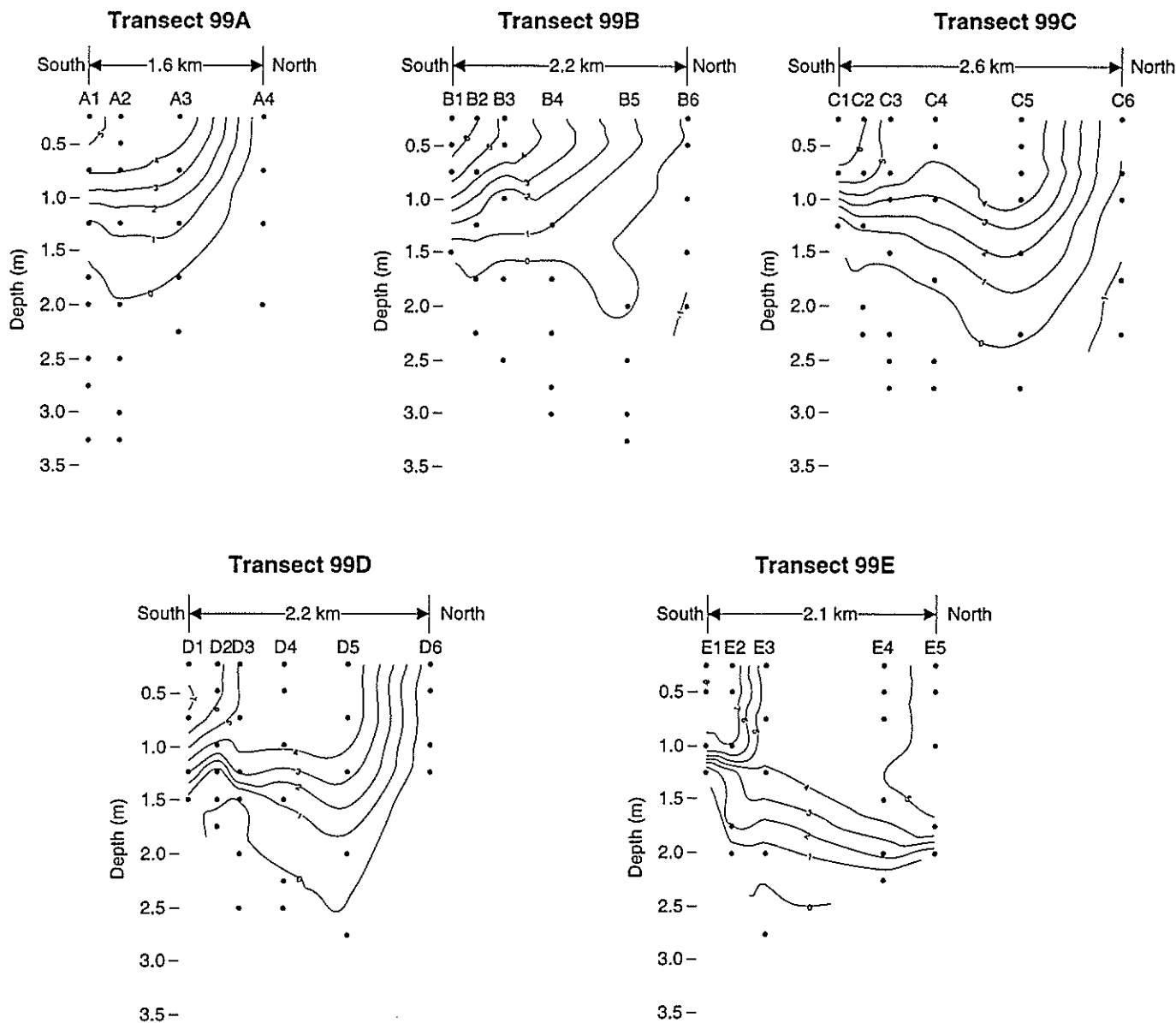
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



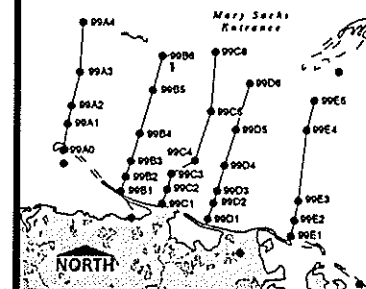


# PT. THOMSON UNIT

**FIGURE F-4**  
**1999 Physical Oceanography**  
**July 15, 1999**  
**Temperature**  
**Transects**  
**(Celsius)**



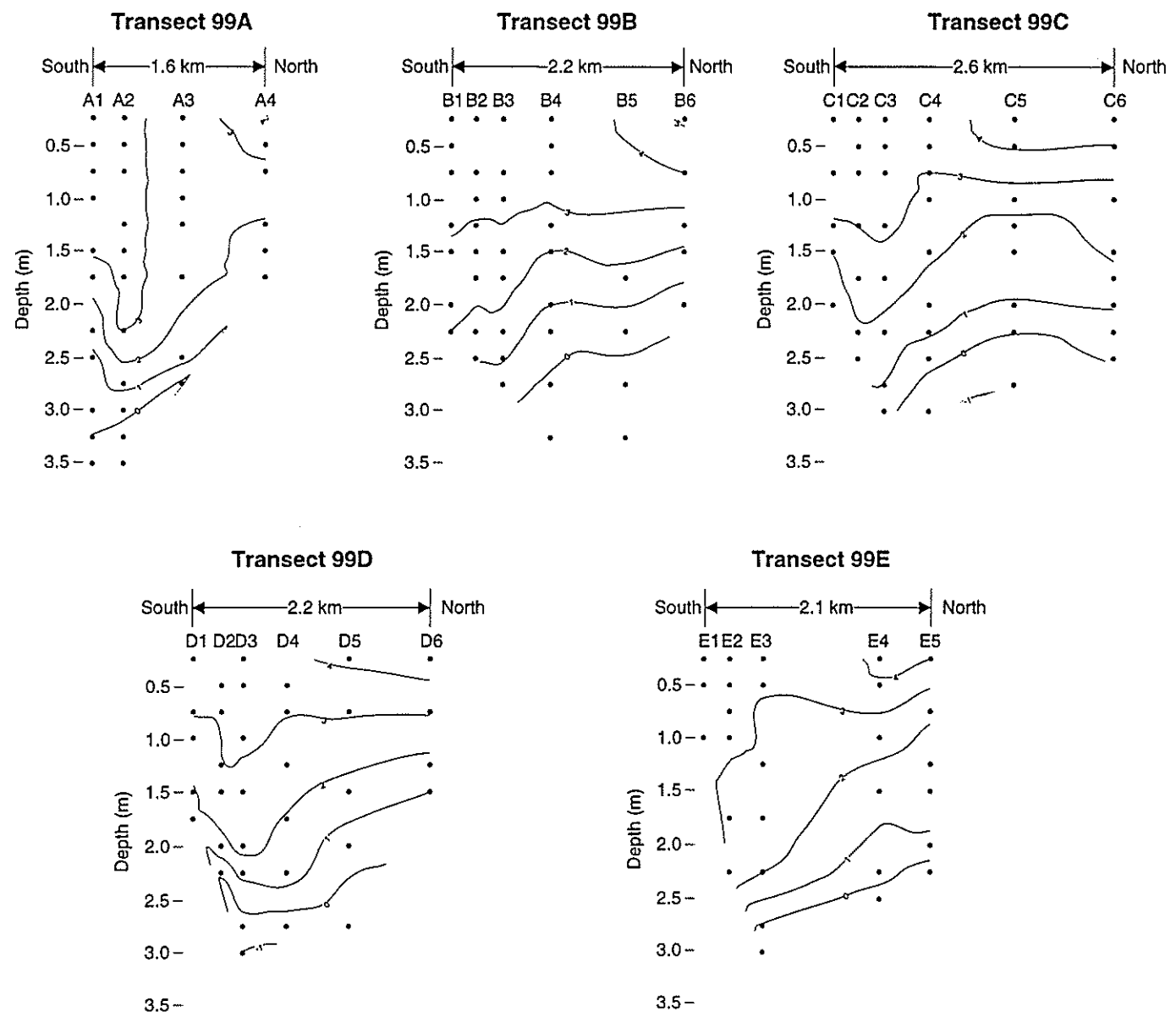
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



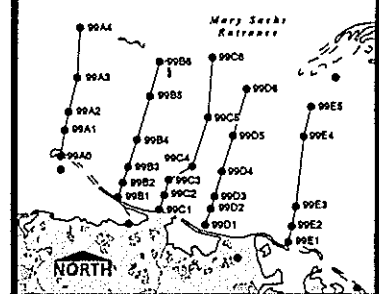


# PT. THOMSON UNIT

## FIGURE F-5 1999 Physical Oceanography July 16, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



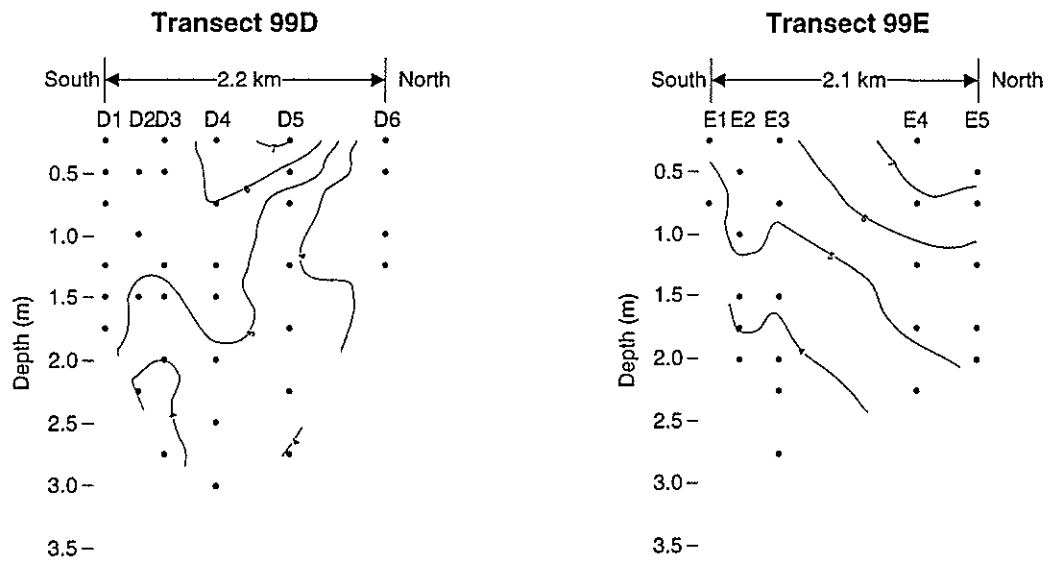
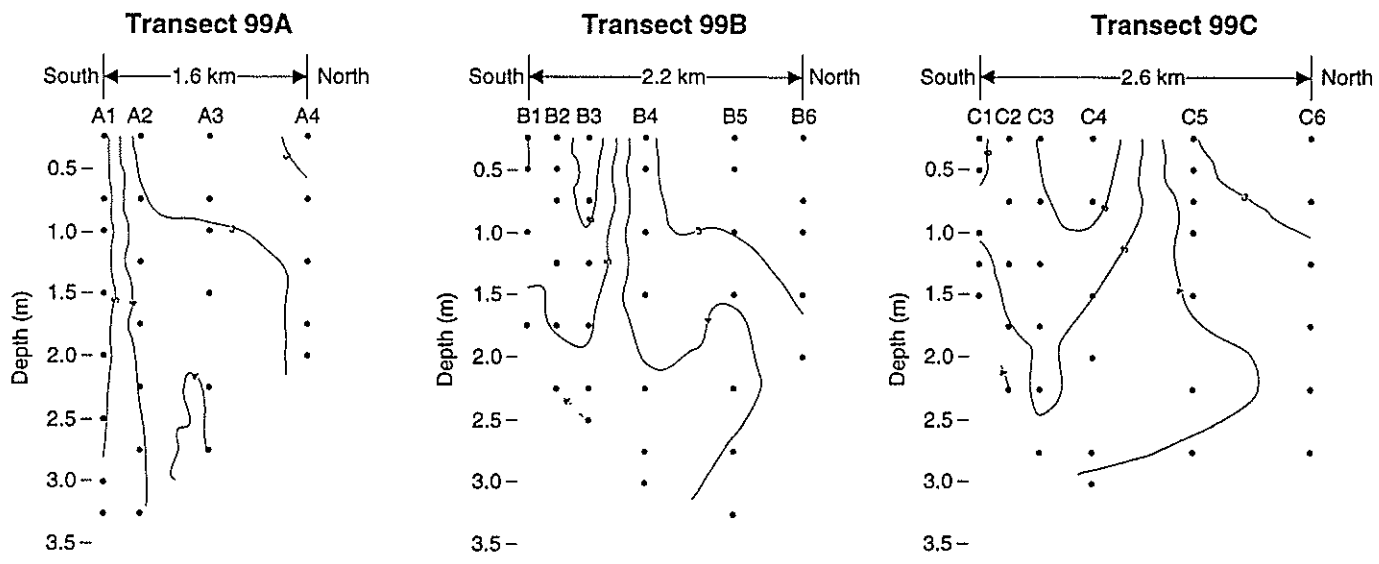


# PT. THOMSON UNIT

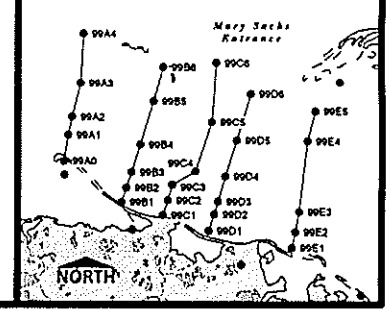
## FIGURE F-6

### 1999 Physical Oceanography

### July 19, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





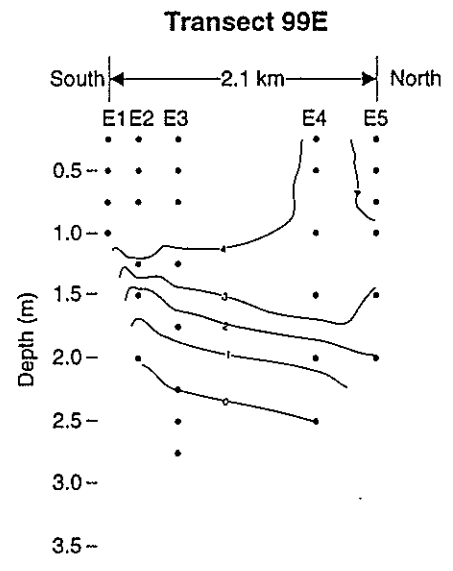
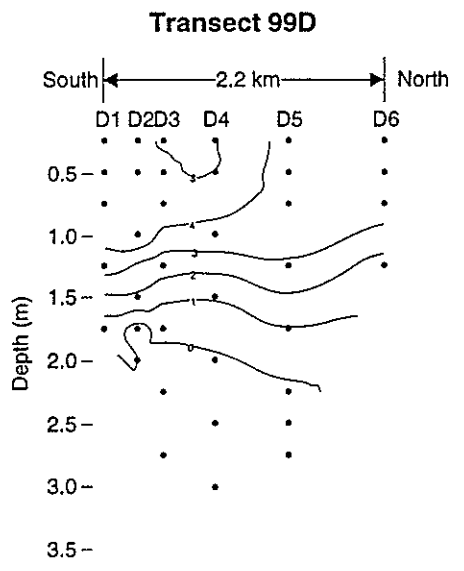
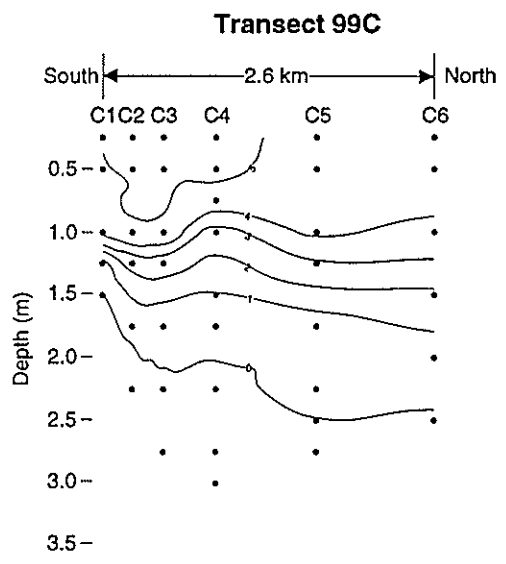
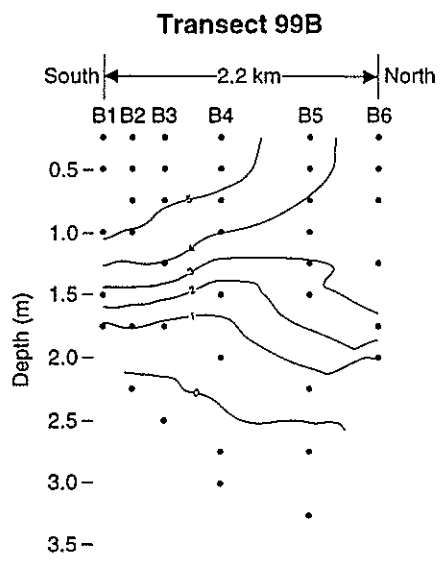
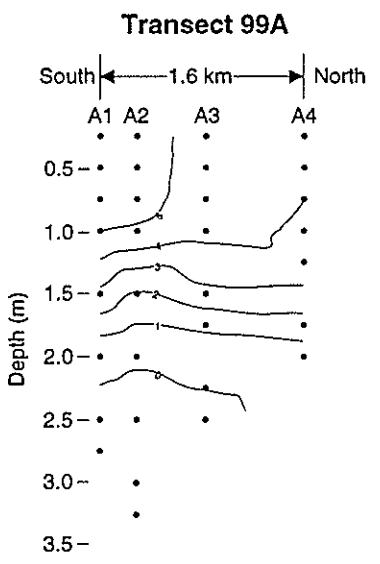
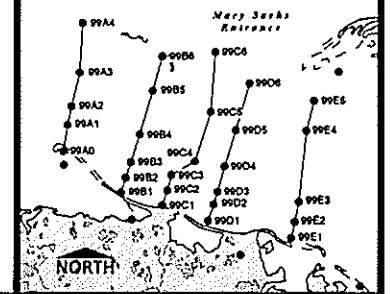
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FIGURE F-7

1999 Physical Oceanography

July 22, 1999 Temperature Transects (Celsius)

Notes:  
Base map was digitized from USGS 1:63360 Topographic Map by BPXA Cartography.





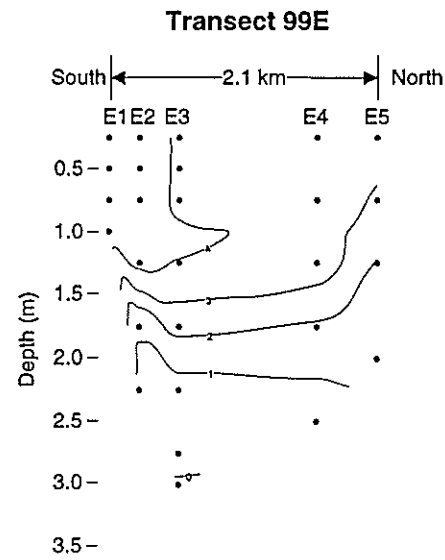
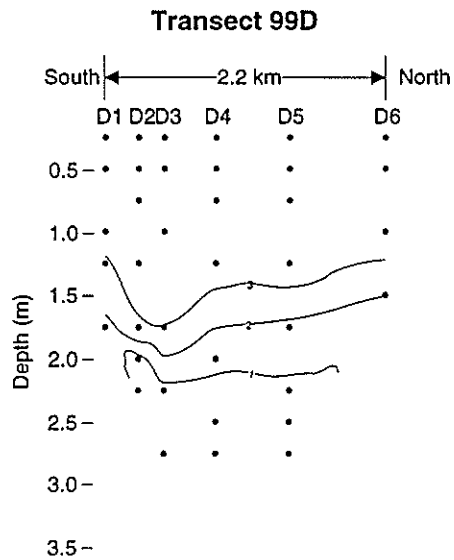
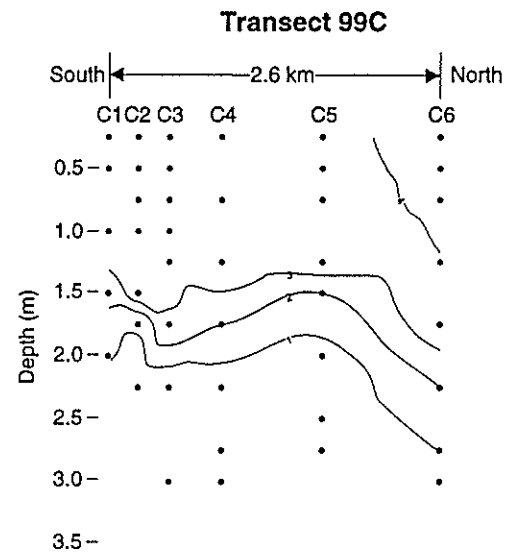
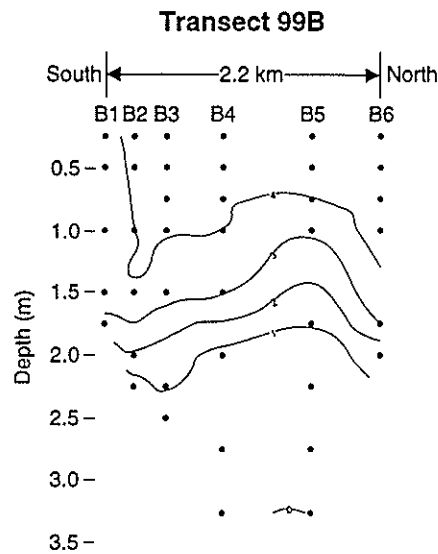
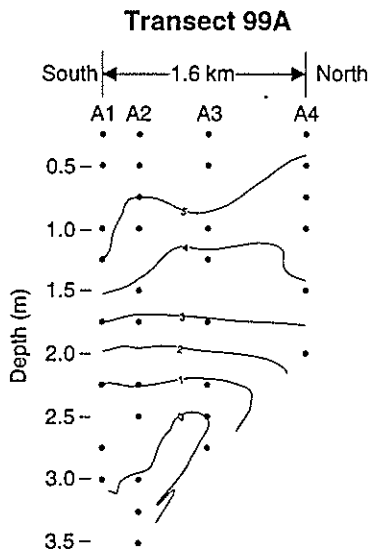
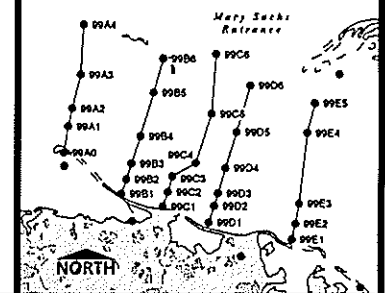
**PT. THOMSON  
UNIT**

**FIGURE F-8**

**1999 Physical  
Oceanography**

**July 23, 1999  
Temperature  
Transects  
(Celsius)**

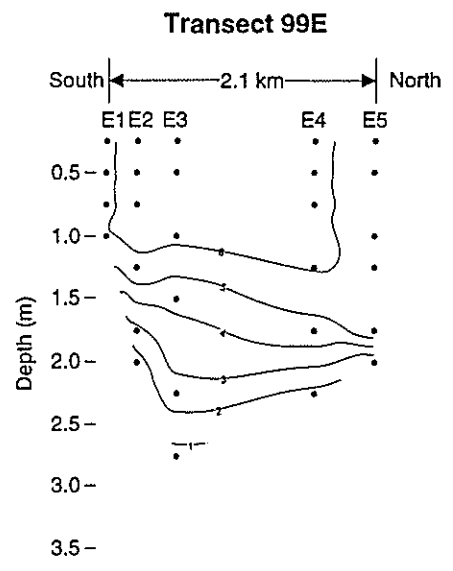
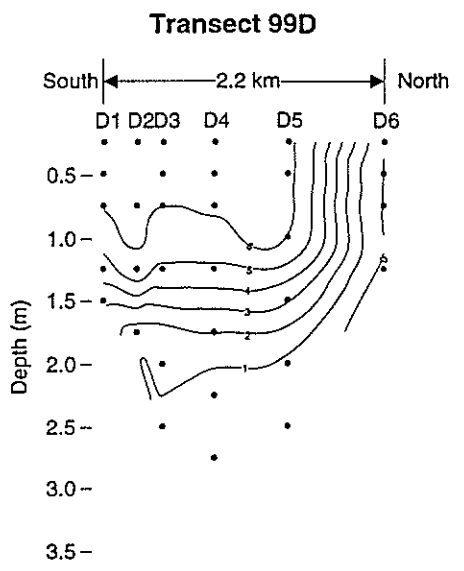
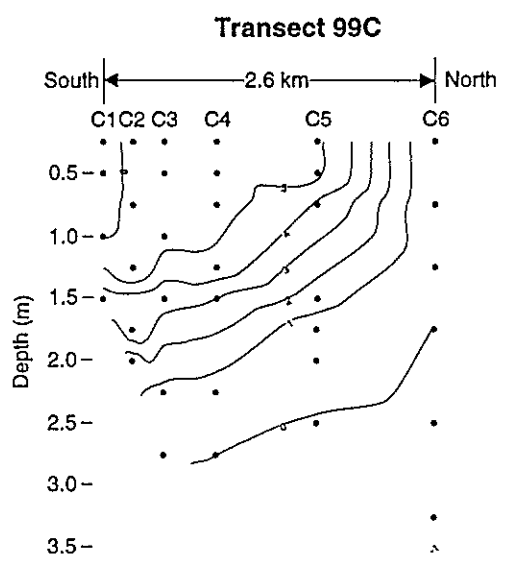
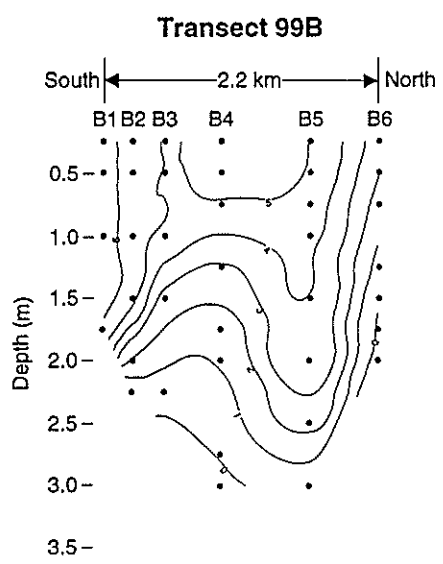
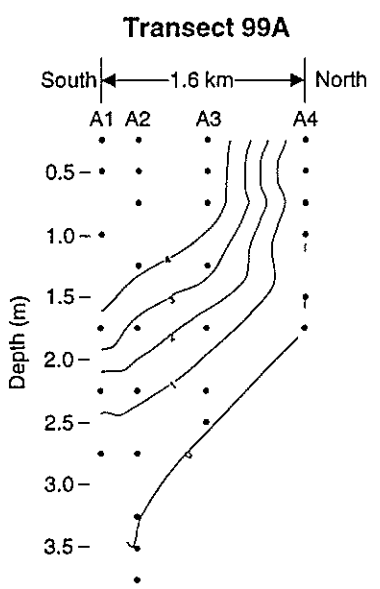
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



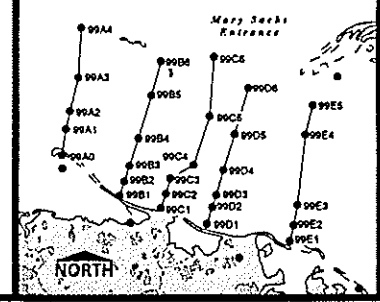


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## FIGURE F-9 1999 Physical Oceanography July 25, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





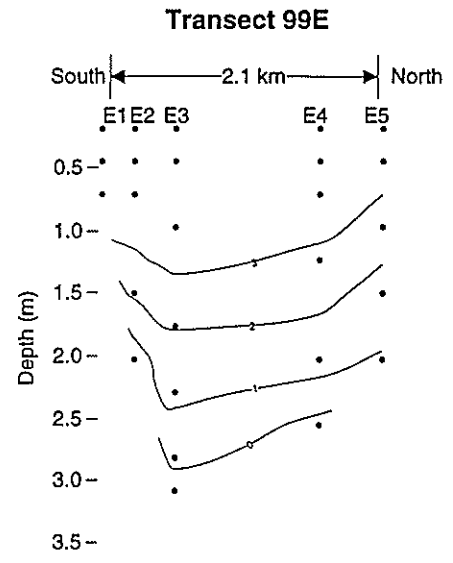
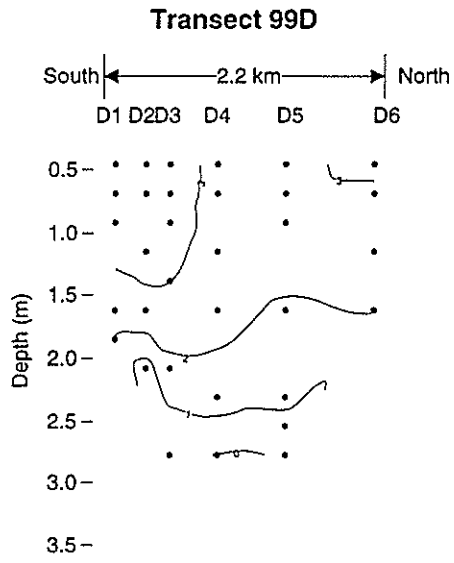
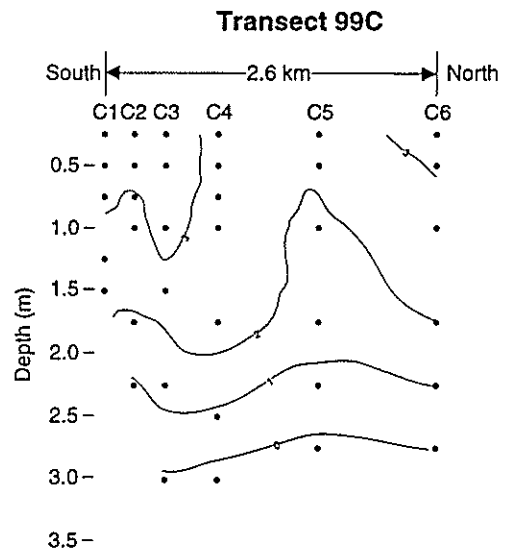
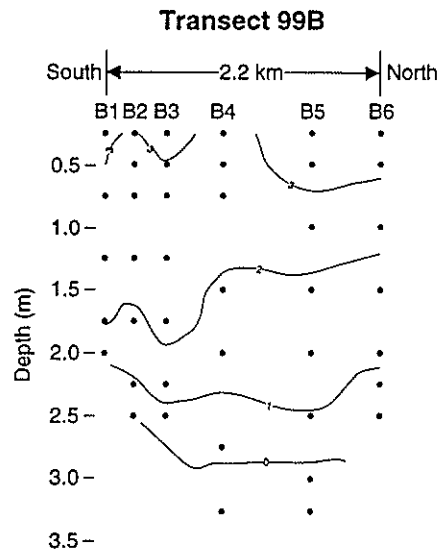
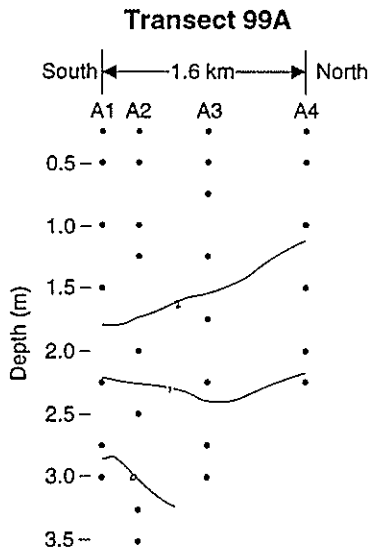
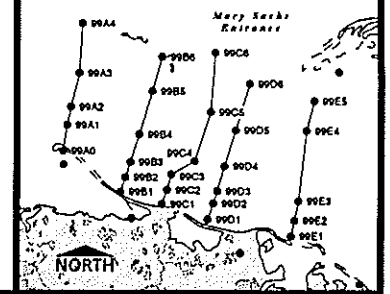
PT. THOMSON  
UNIT

FIGURE F-10

1999 Physical  
Oceanography

July 28, 1999  
Temperature  
Transects  
(Celsius)

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





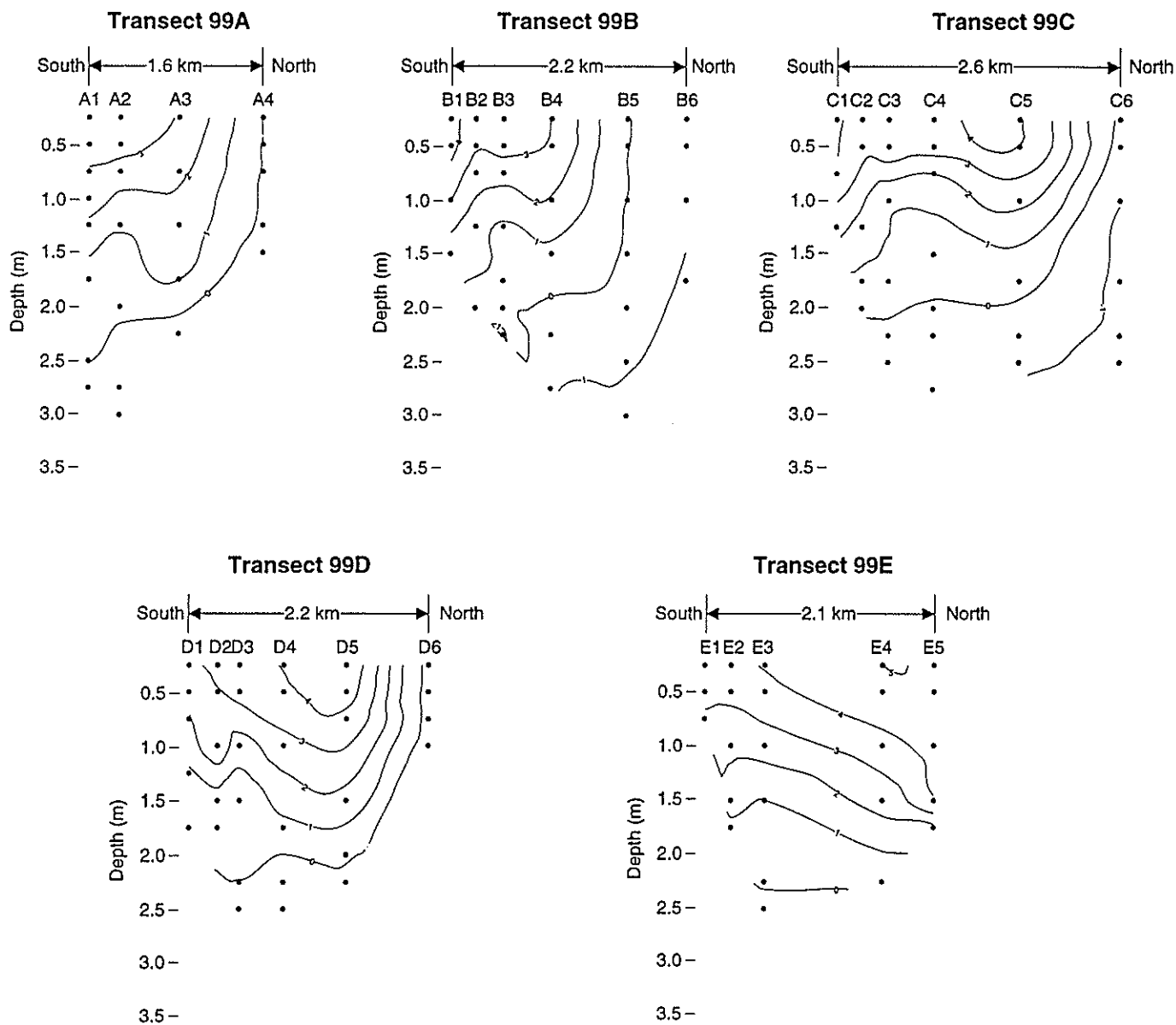


# PT. THOMSON UNIT

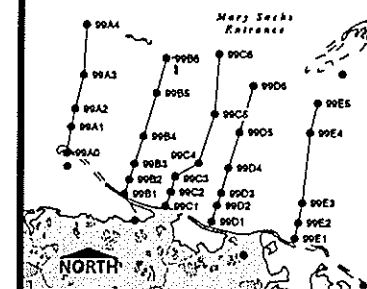
## FIGURE F-11

### 1999 Physical Oceanography

### July 30, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



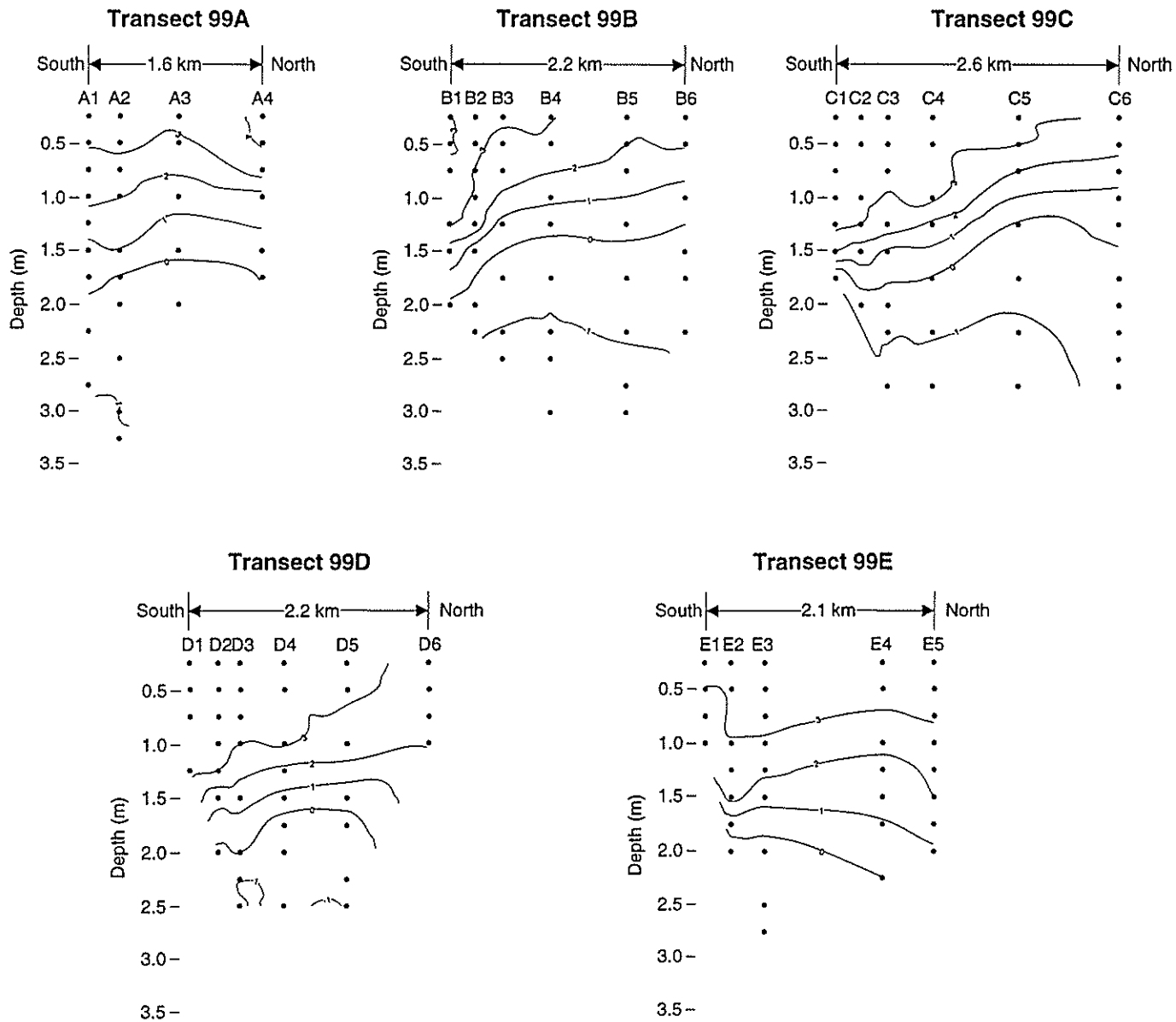


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UNIT**

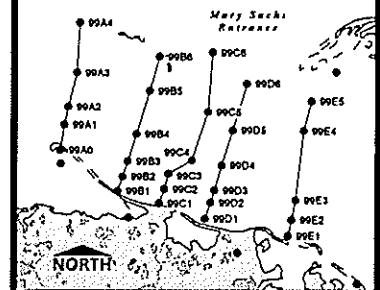
**FIGURE F-12**

**1999 Physical  
Oceanography**

**August 1, 1999  
Temperature  
Transects  
(Celsius)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





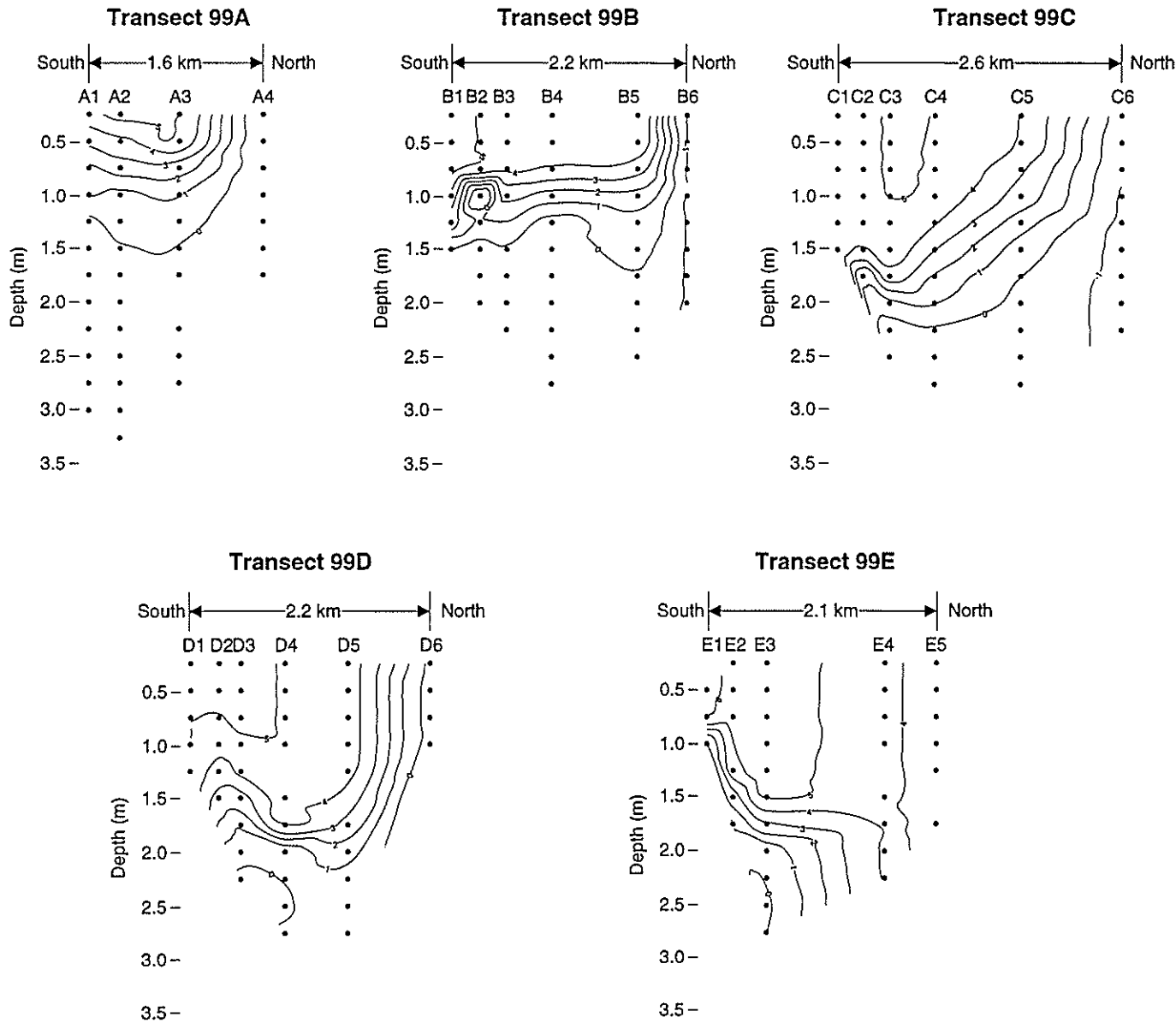
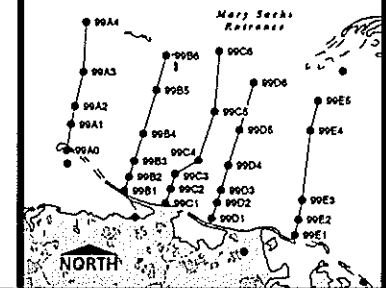
**PT. THOMSON  
UNIT**

**FIGURE F-13**

**1999 Physical  
Oceanography**

**August 4, 1999  
Temperature  
Transects  
(Celsius)**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





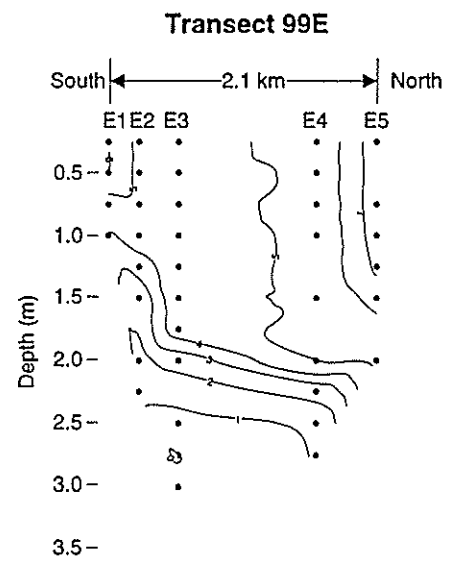
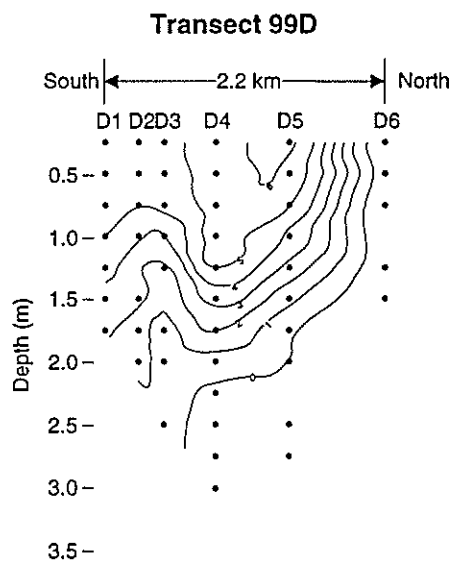
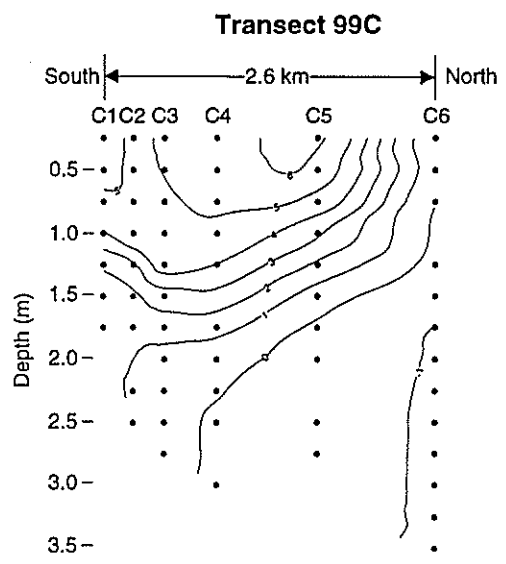
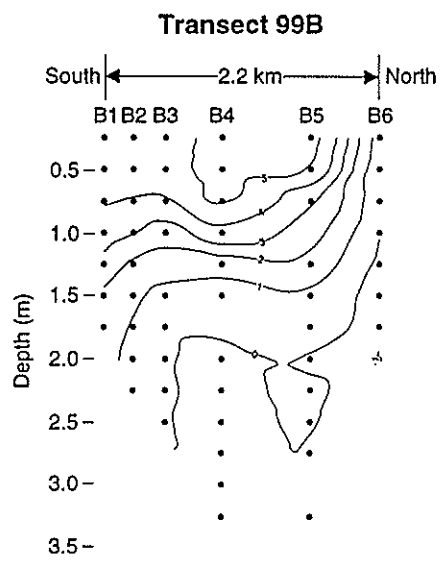
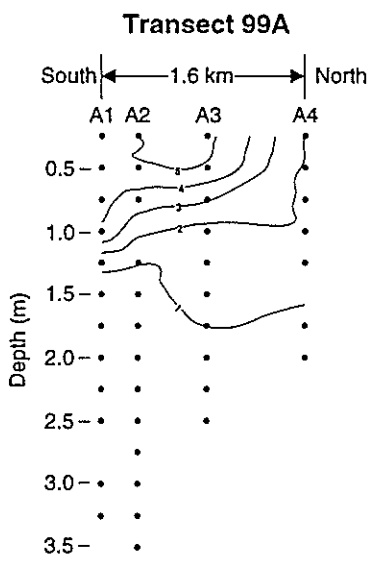
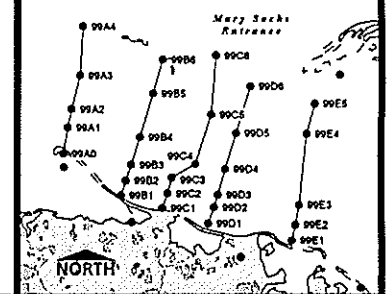
**PT. THOMSON  
UNIT**

**FIGURE F-14**

**1999 Physical  
Oceanography**

**August 7, 1999  
Temperature  
Transects  
(Celsius)**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



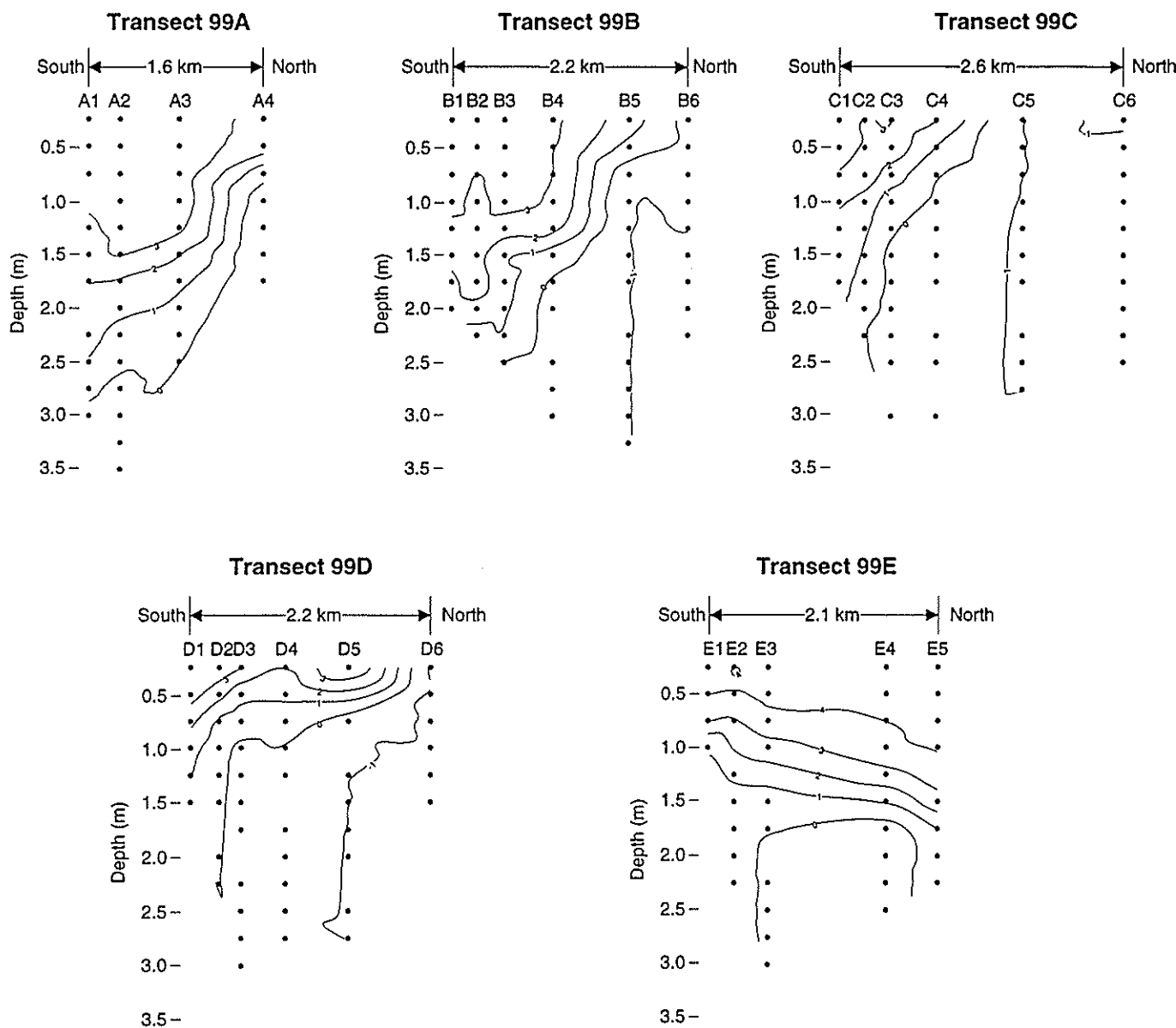


# PT. THOMSON UNIT

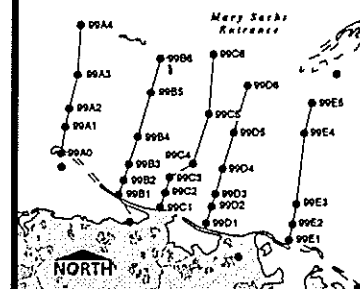
## FIGURE F-15

### 1999 Physical Oceanography

### August 10, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



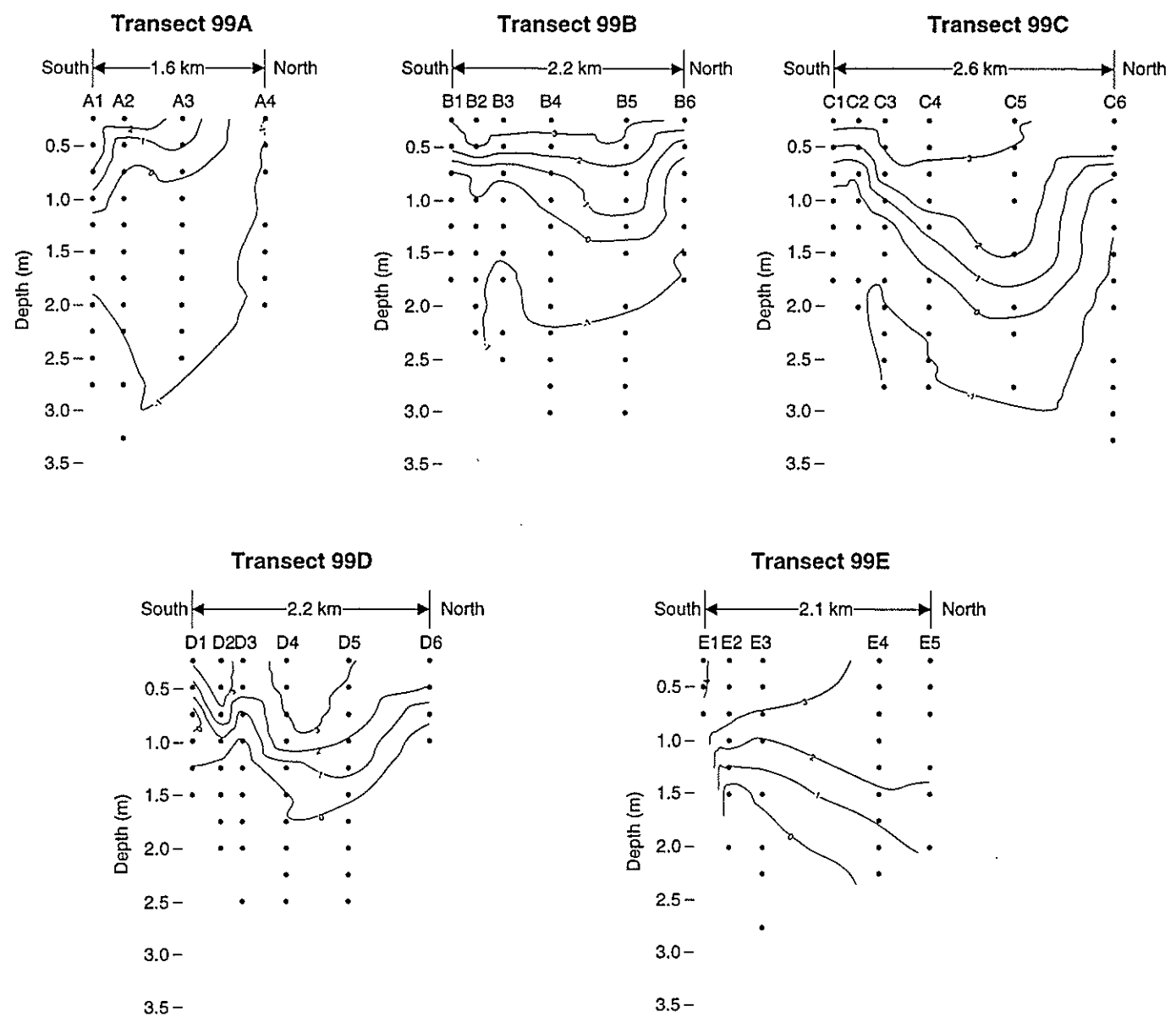


**PT. THOMSON  
UNIT**

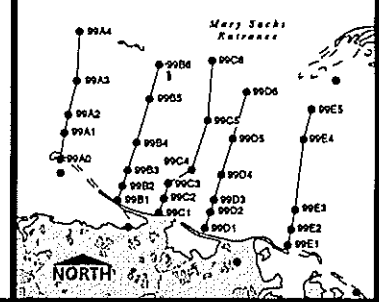
**FIGURE F-16**

**1999 Physical  
Oceanography**

**August 13, 1999  
Temperature  
Transects  
(Celsius)**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





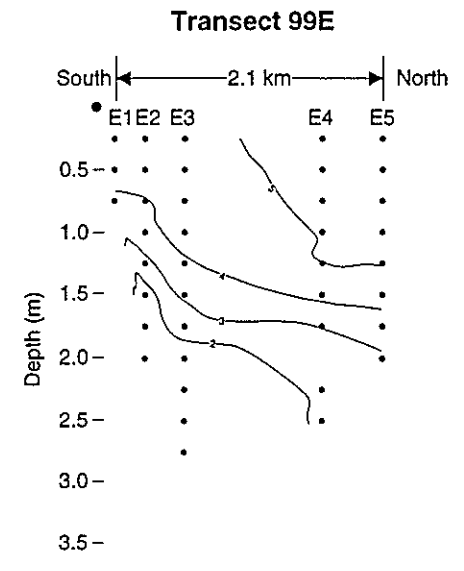
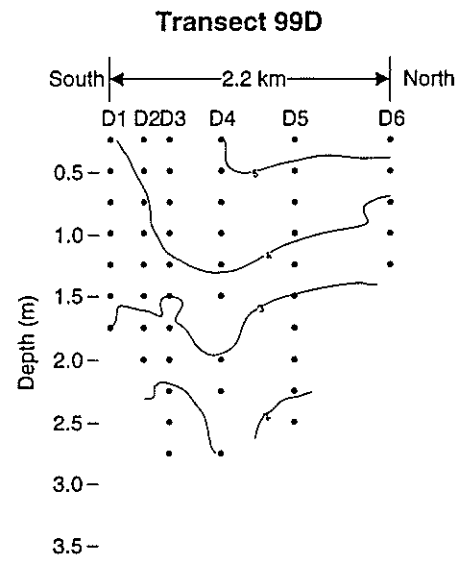
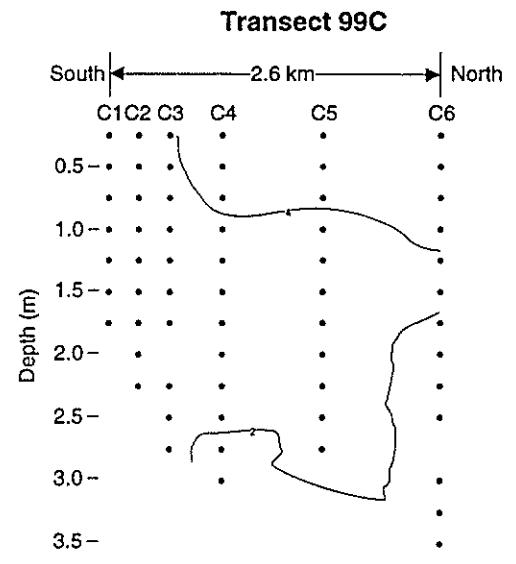
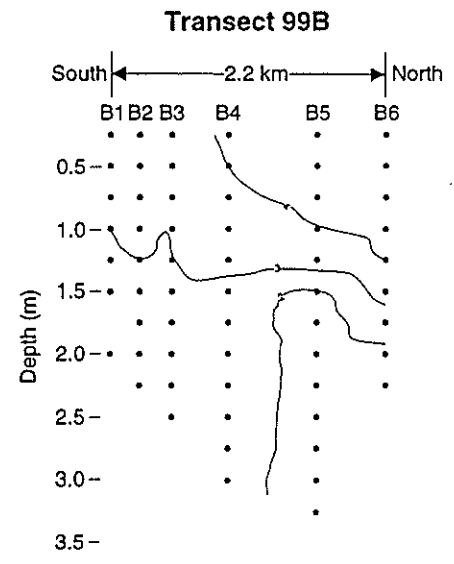
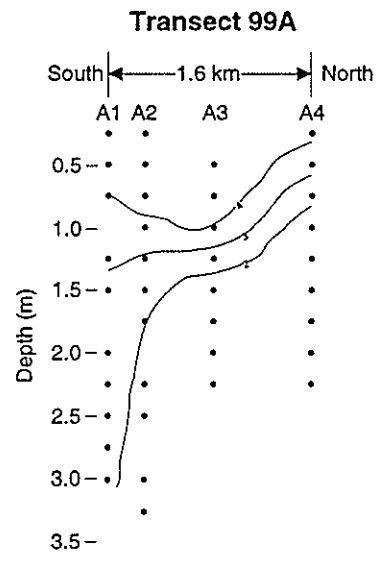
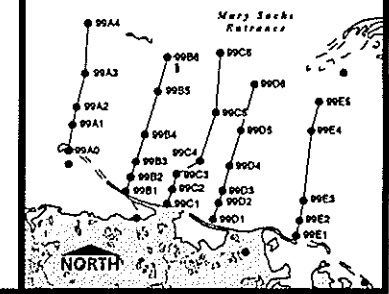
**PT. THOMSON  
UNIT**

**FIGURE F-17**

**1999 Physical  
Oceanography**

**August 16, 1999  
Temperature  
Transects  
(Celsius)**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



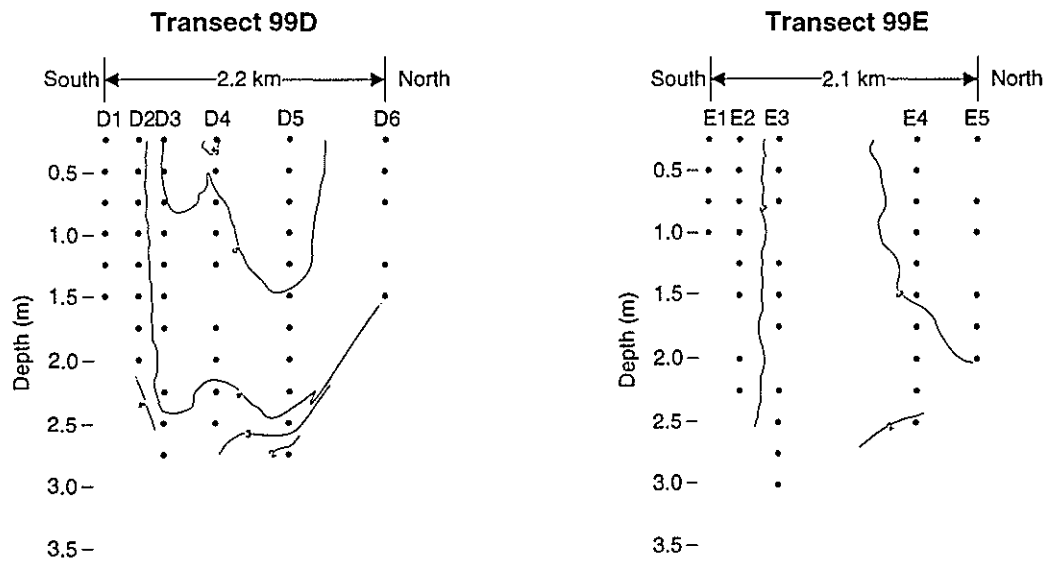
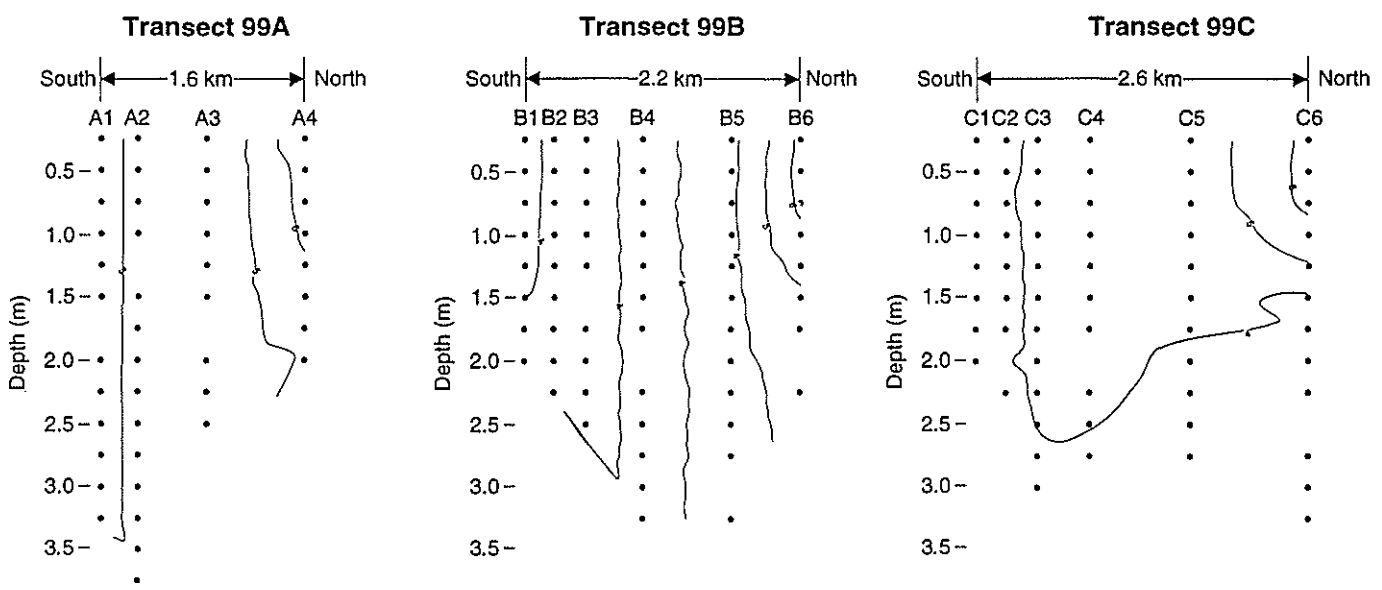


# PT. THOMSON UNIT

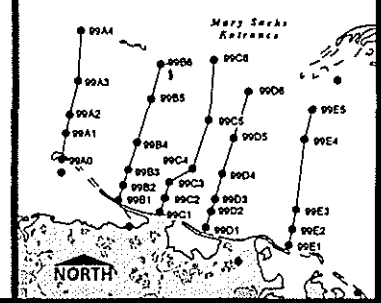
## FIGURE F-18

### 1999 Physical Oceanography

### August 17, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





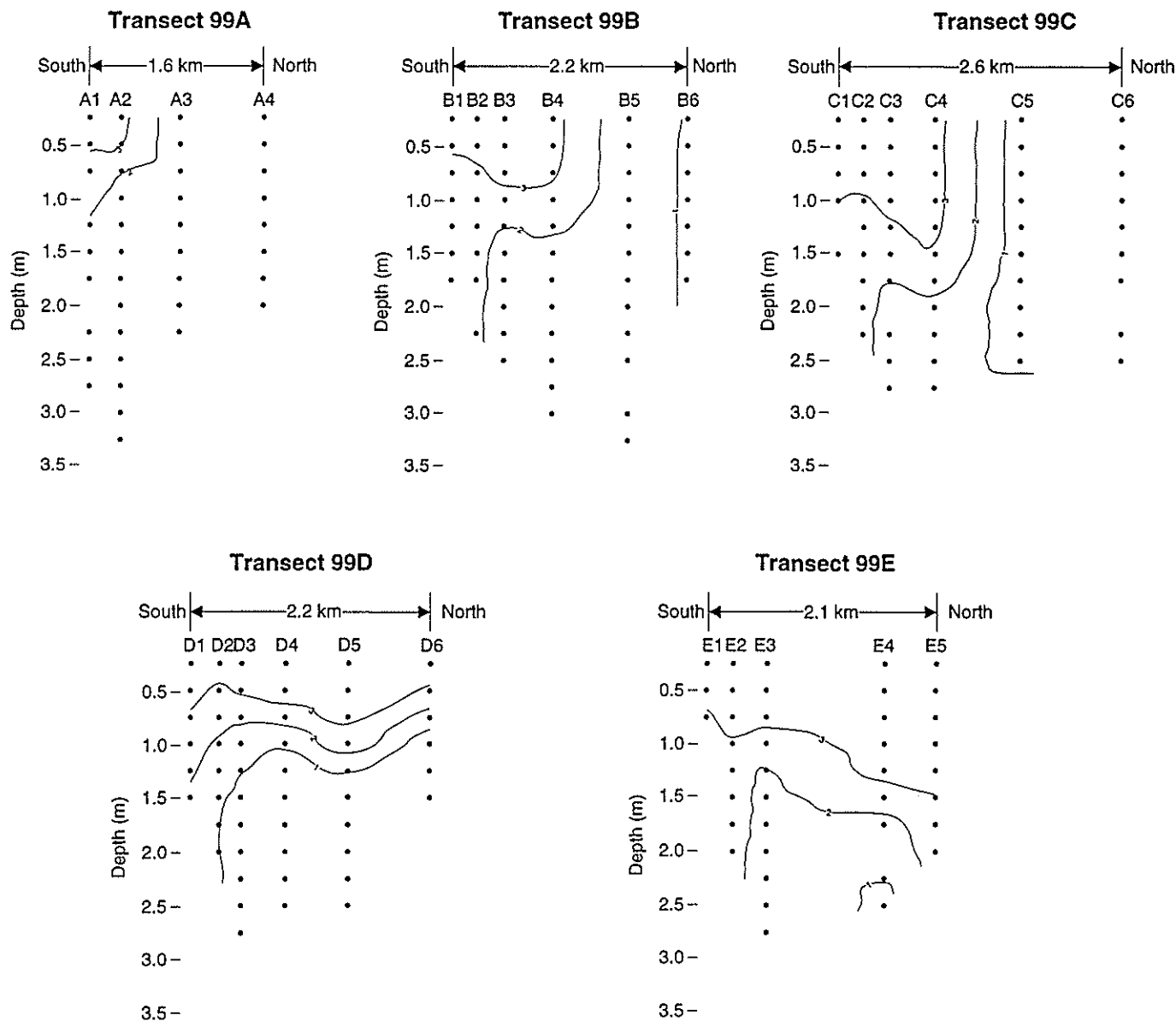


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UNIT**

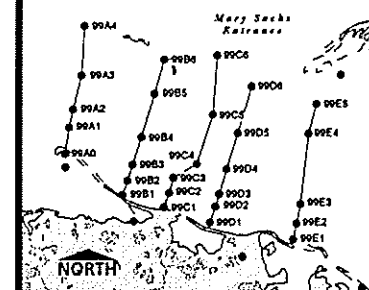
**FIGURE F-19**

**1999 Physical  
Oceanography**

**August 25, 1999  
Temperature  
Transects  
(Celsius)**



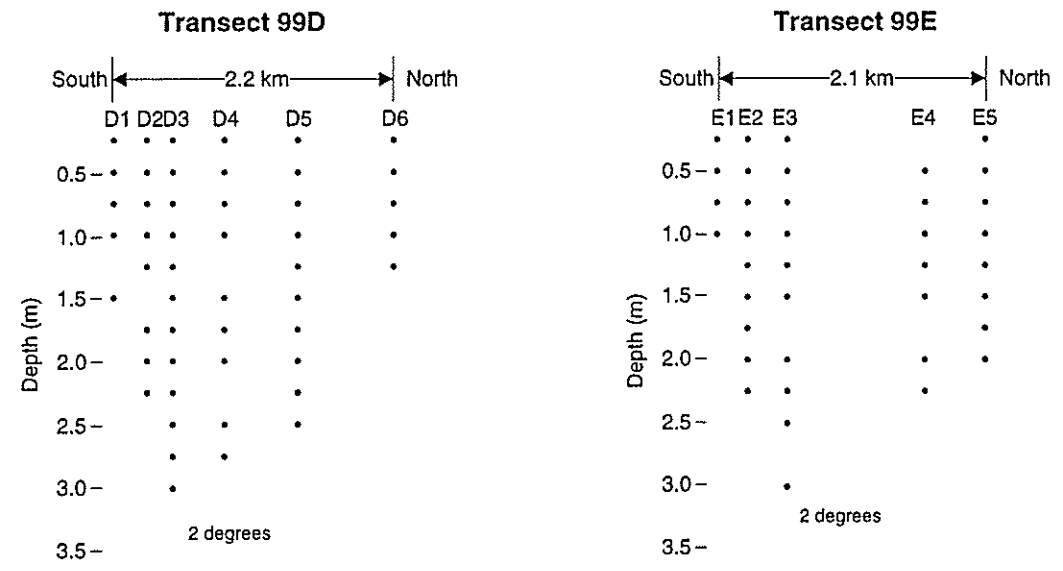
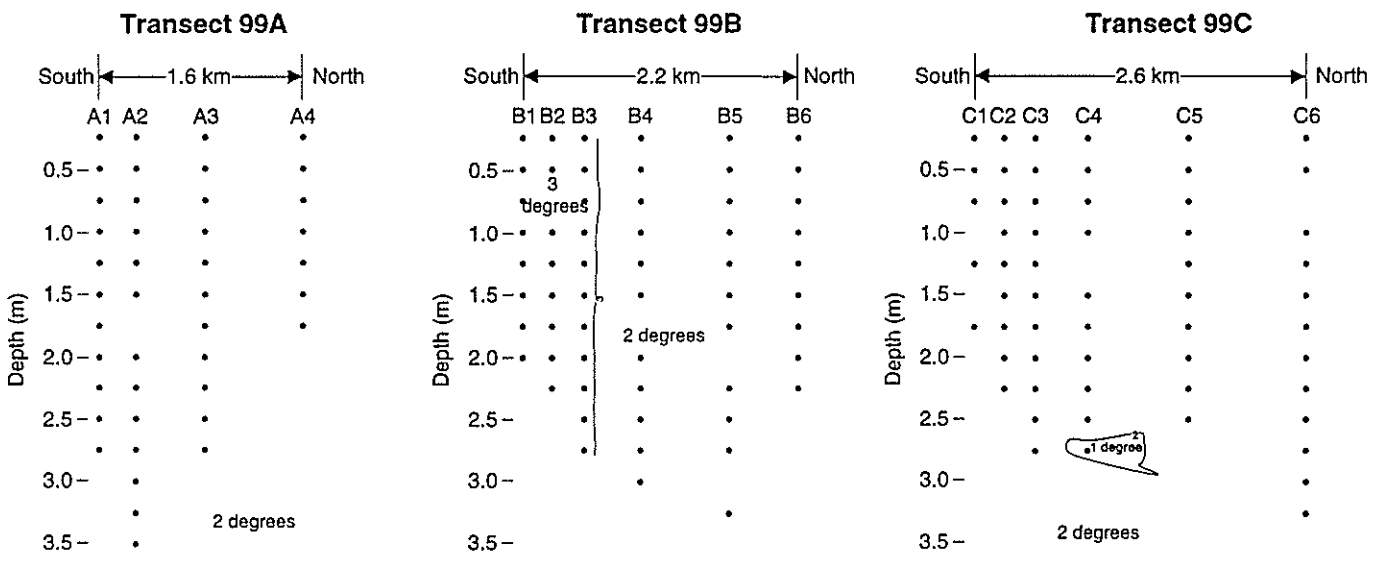
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



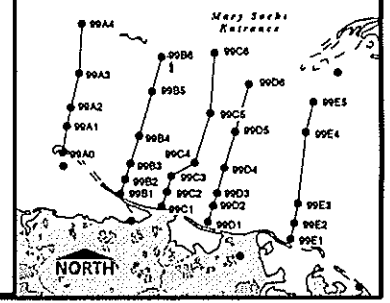


# PT. THOMSON UNIT

## FIGURE F-20 1999 Physical Oceanography August 26, 1999 Temperature Transects (Celsius)



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



## **APPENDIX G**

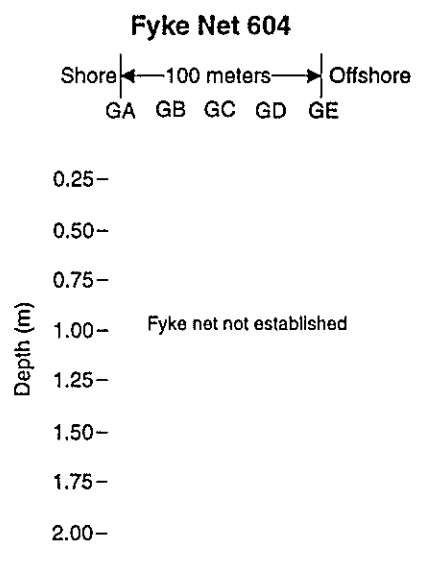
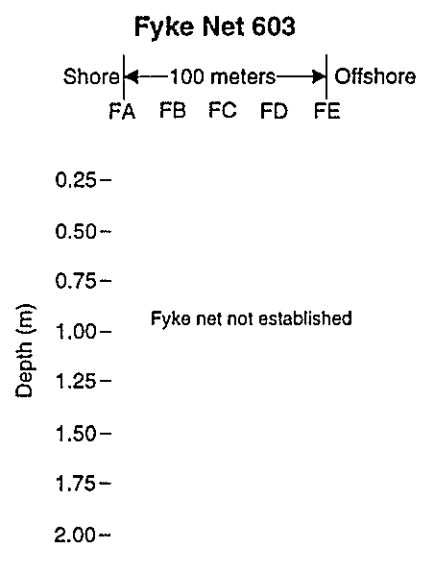
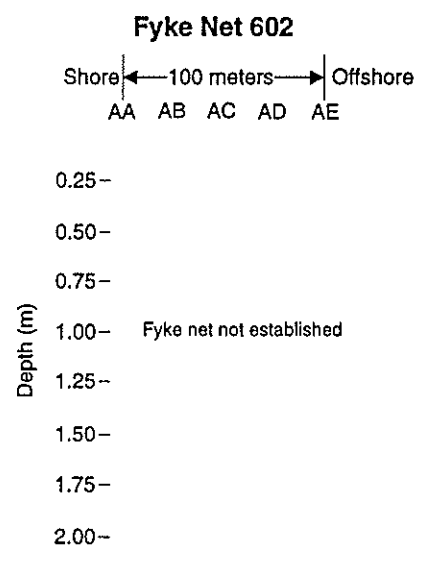
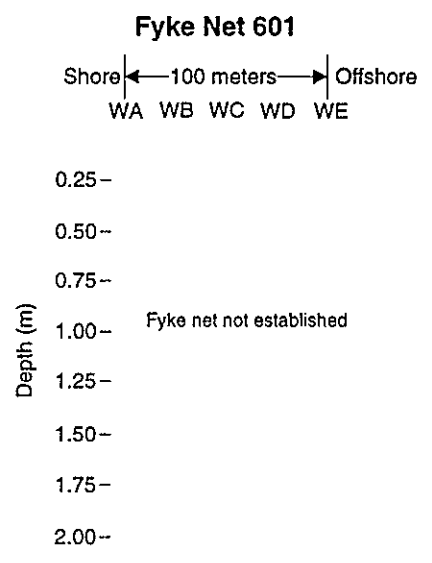
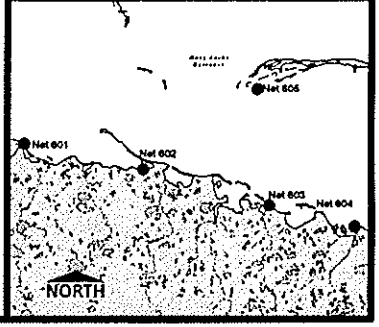
### **Surfzone (Fyke Net) Survey Daily Salinity Transect Cross-Sections**



**PT. THOMSON  
UNIT**

**FIGURE G-1**  
**1999 Physical Oceanography**  
**July 6, 1999**  
**Salinity**  
**(parts per thousand)**  
**Surf Zone**  
**Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



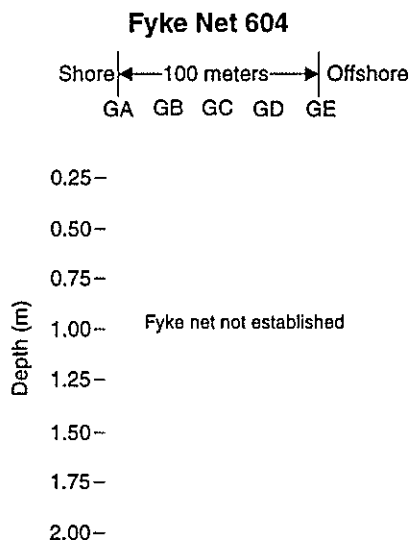
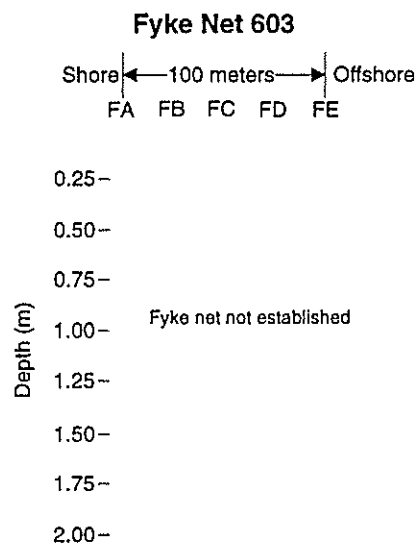
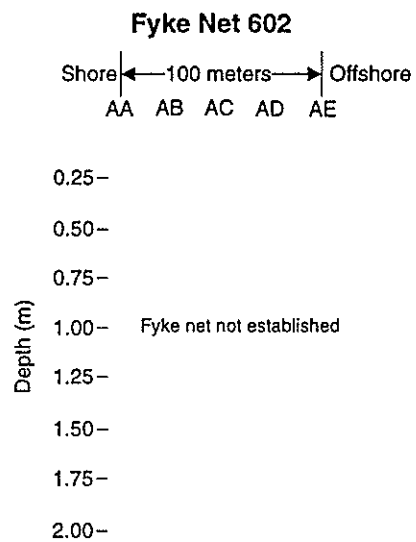
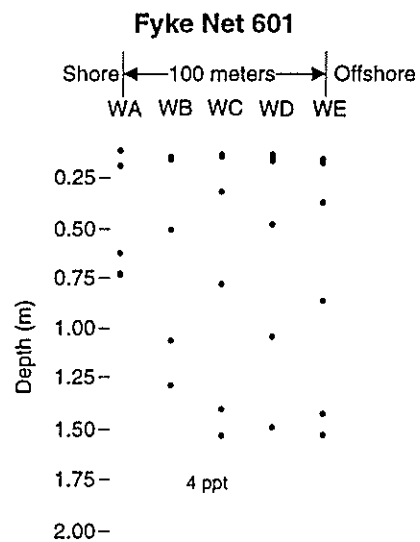
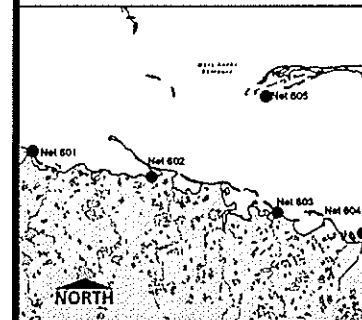


# PT. THOMSON UNIT

## FIGURE G-2

### 1999 Physical Oceanography July 9, 1999 Salinity (parts per thousand) Surf Zone Transects

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





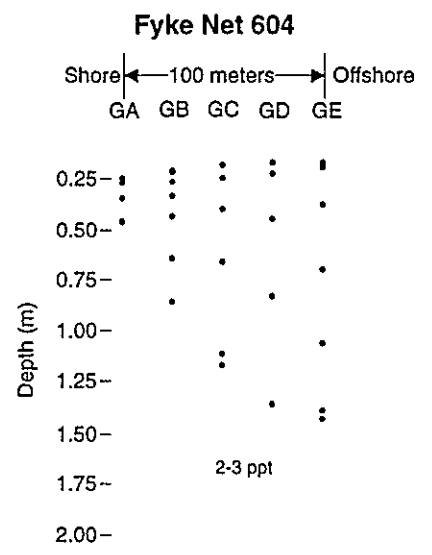
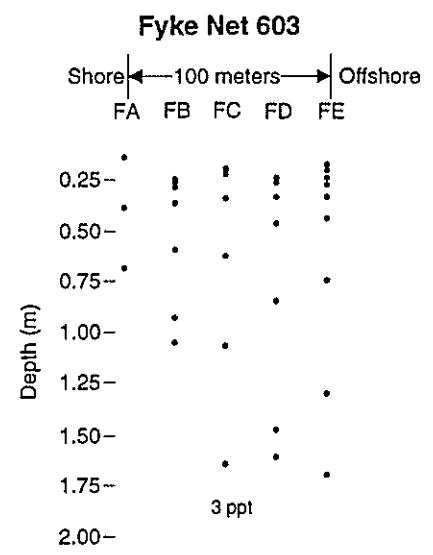
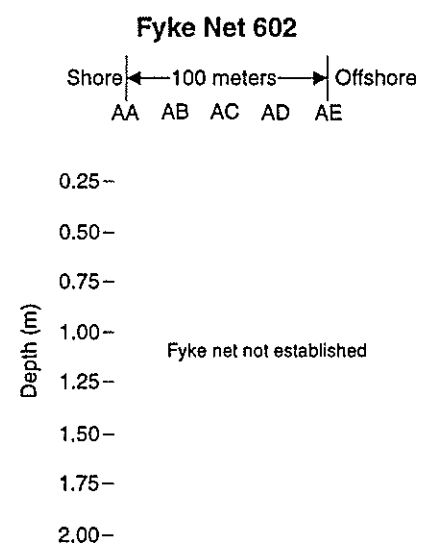
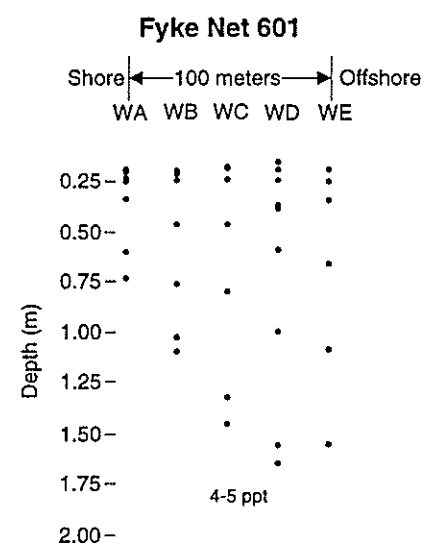
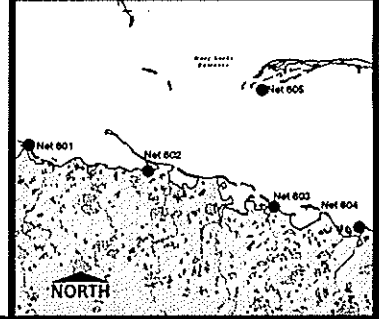
**PT. THOMSON  
UNIT**

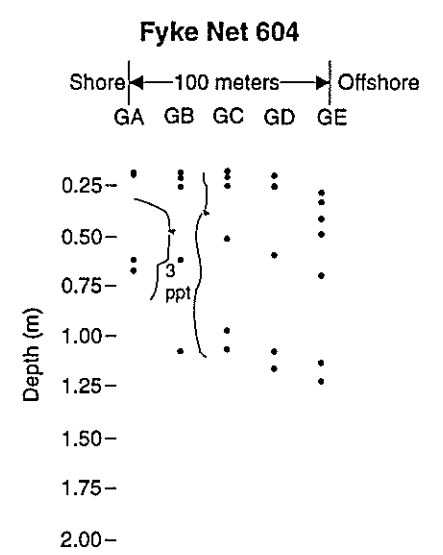
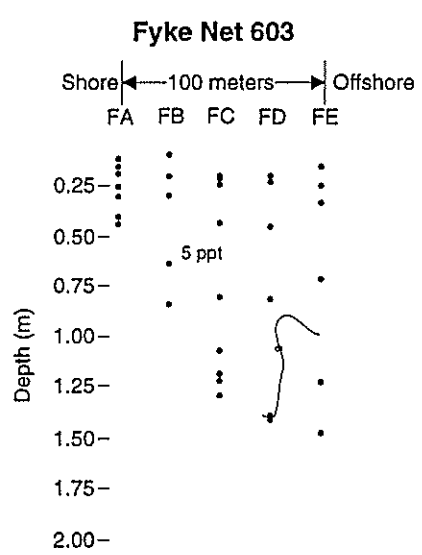
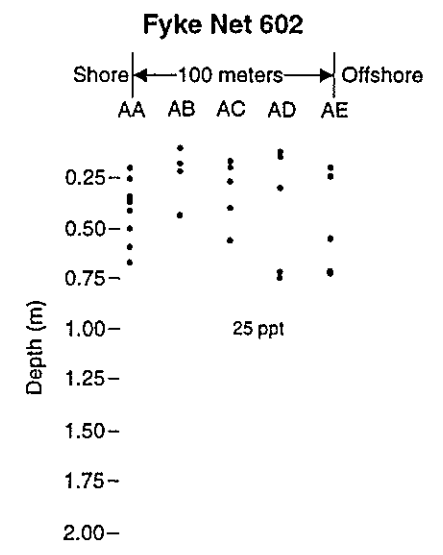
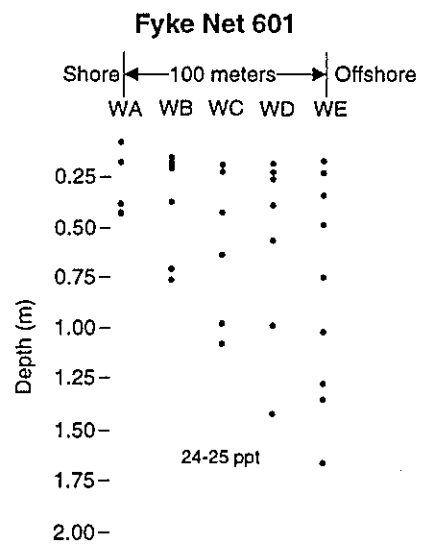
**FIGURE G-3**

**1999 Physical  
Oceanography**

**July 12, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





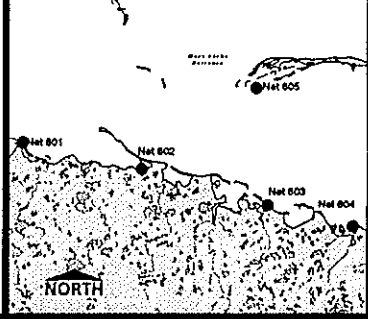
**PT. THOMSON  
UNIT**

**FIGURE G-4**

**1999 Physical  
Oceanography**

**July 15, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





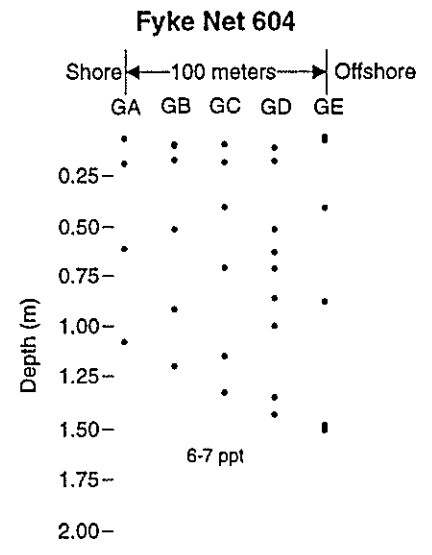
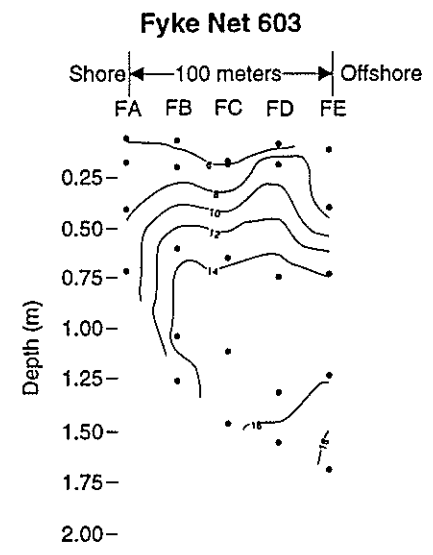
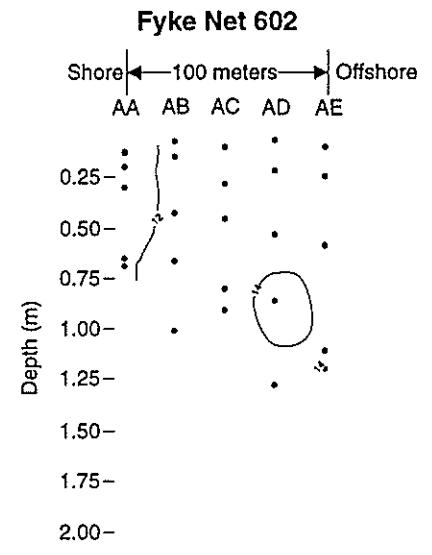
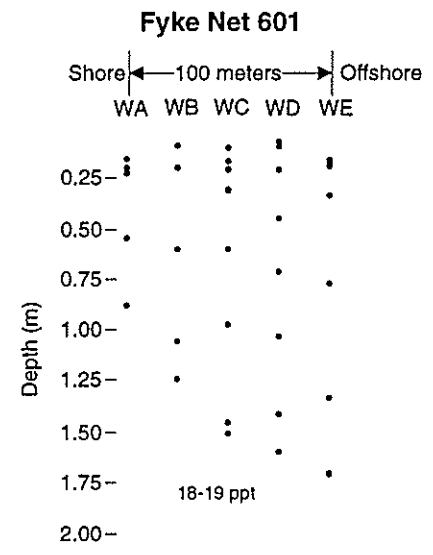
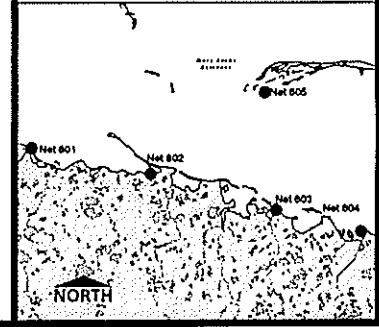
# PT. THOMSON UNIT

## FIGURE G-5

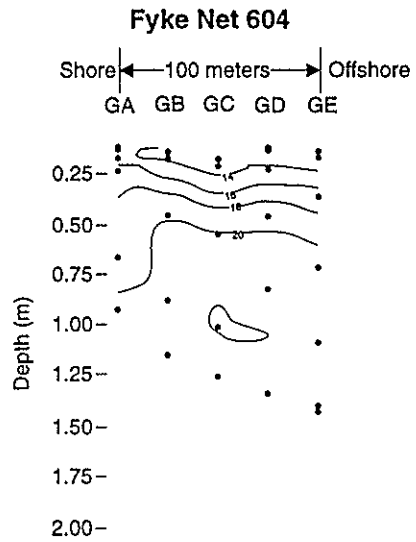
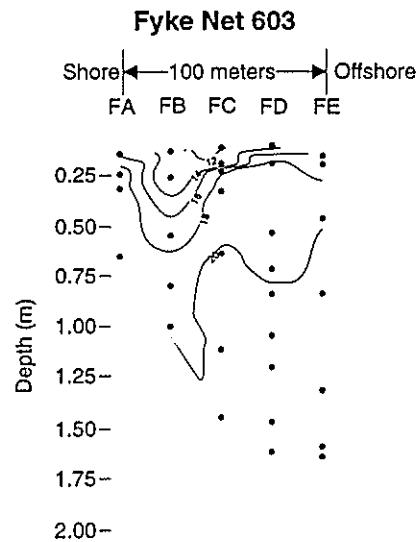
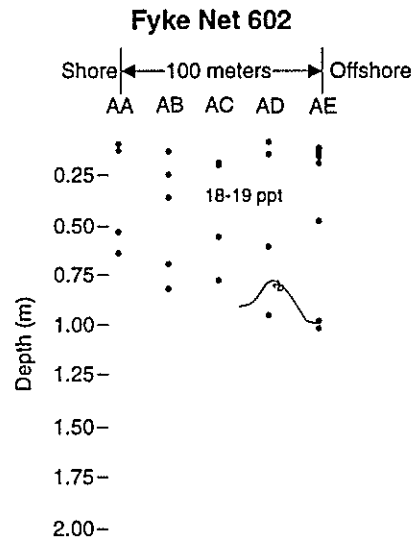
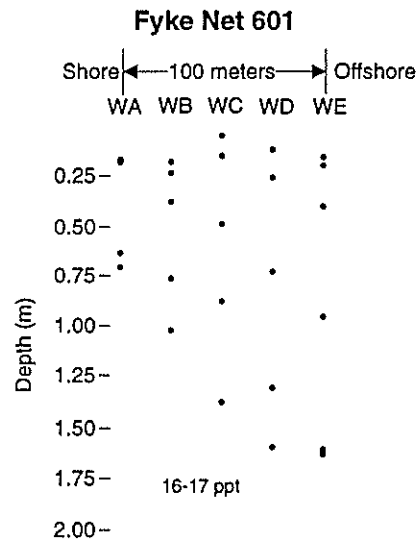
### 1999 Physical Oceanography

### July 16, 1999 Salinity (parts per thousand) Surf Zone Transects

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.







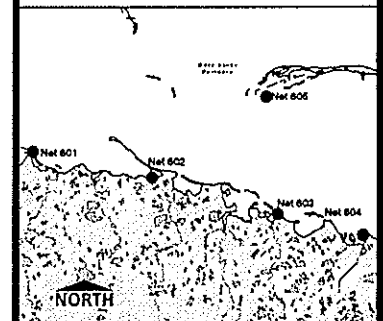
**PT. THOMSON  
UNIT**

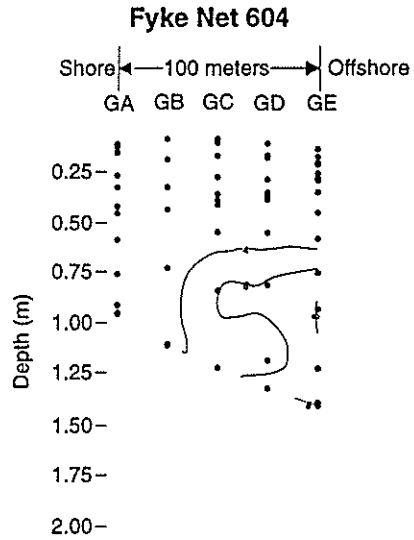
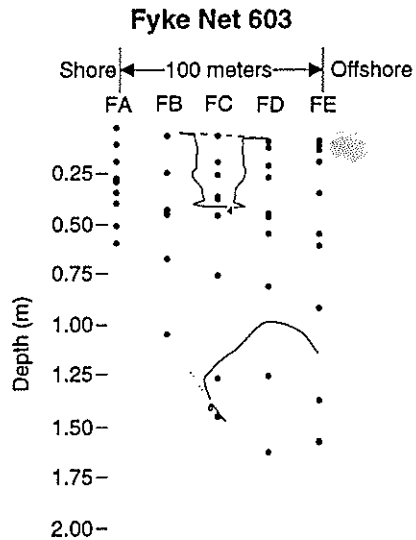
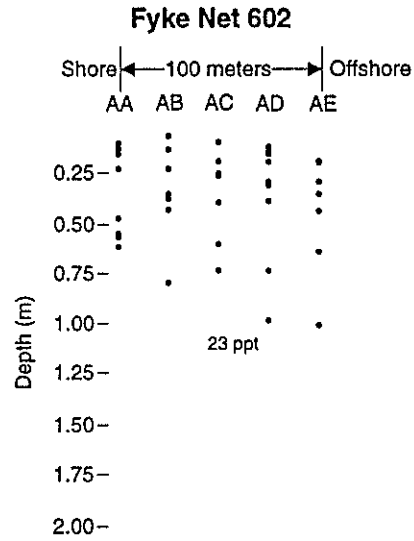
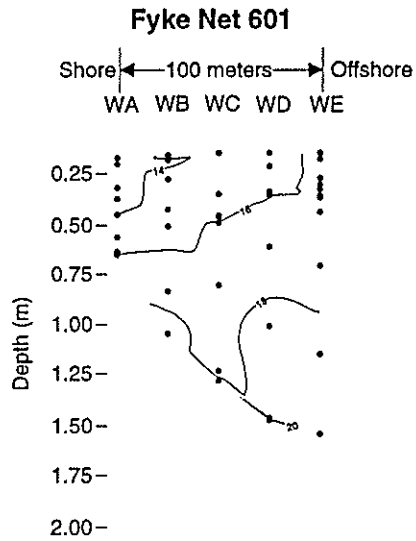
**FIGURE G-6**

**1999 Physical  
Oceanography**

**July 19, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





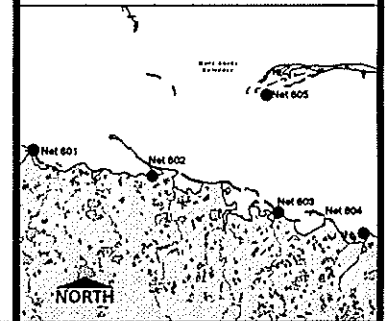
**PT. THOMSON  
UNIT**

**FIGURE G-7**

**1999 Physical  
Oceanography**

**July 22, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





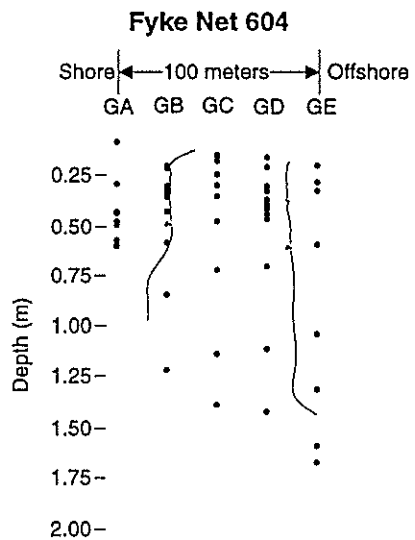
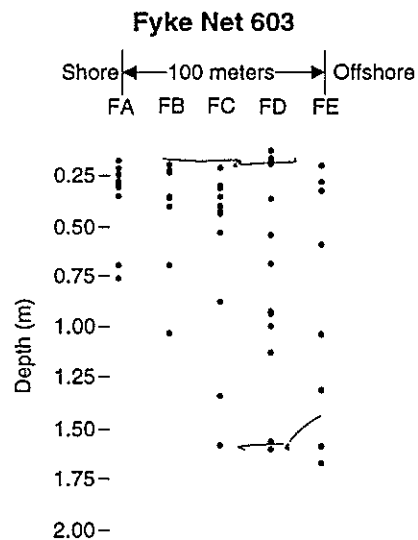
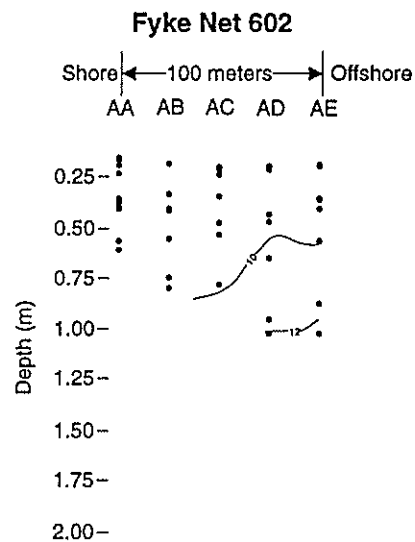
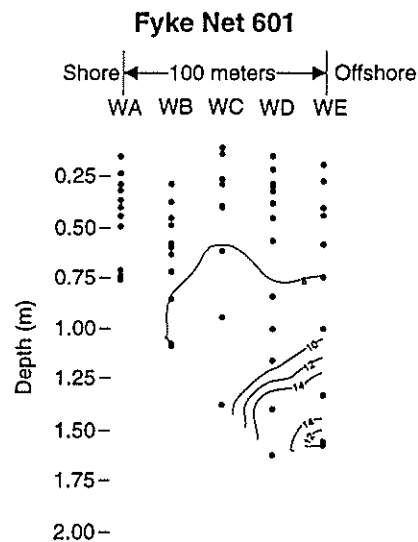
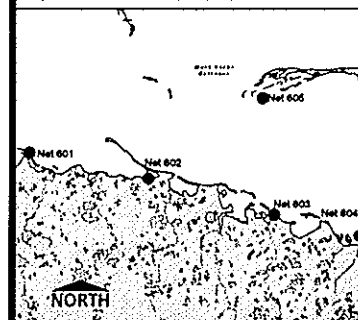
**PT. THOMSON  
UNIT**

**FIGURE G-8**

**1999 Physical  
Oceanography**

**July 23, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





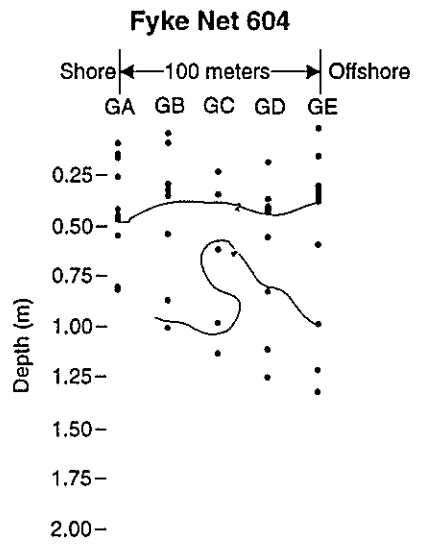
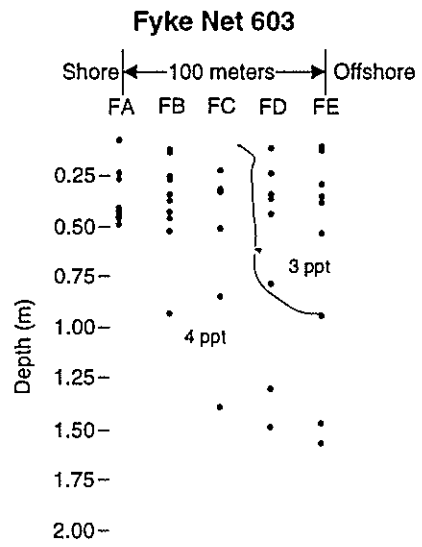
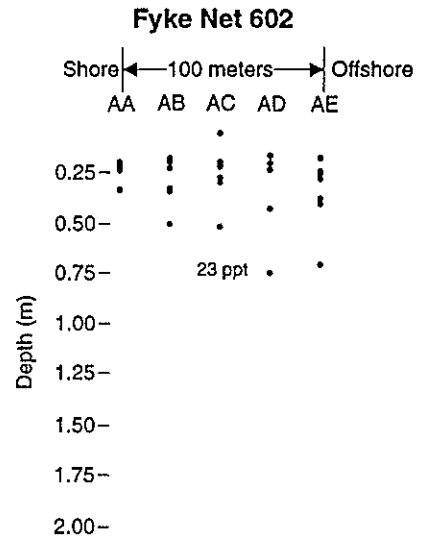
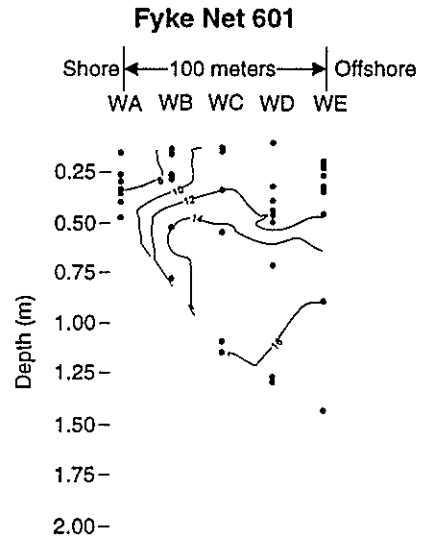
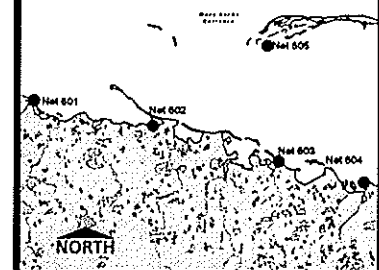
**PT. THOMSON  
UNIT**

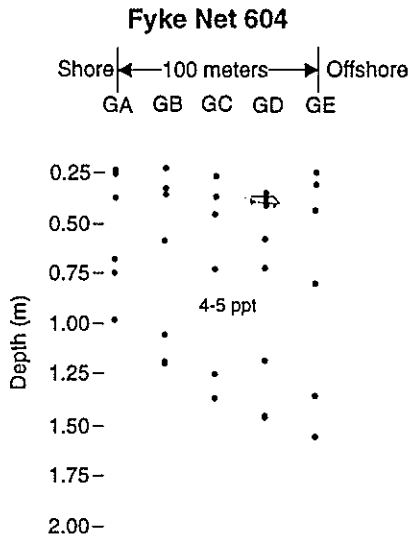
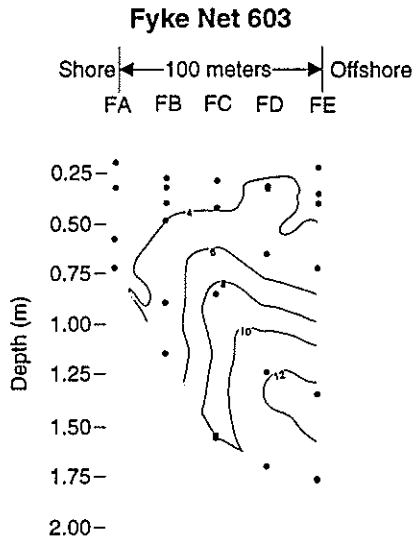
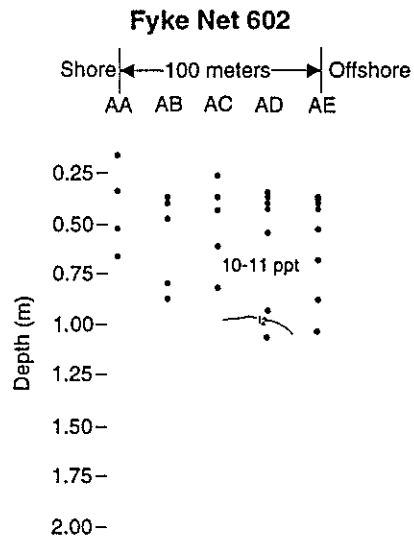
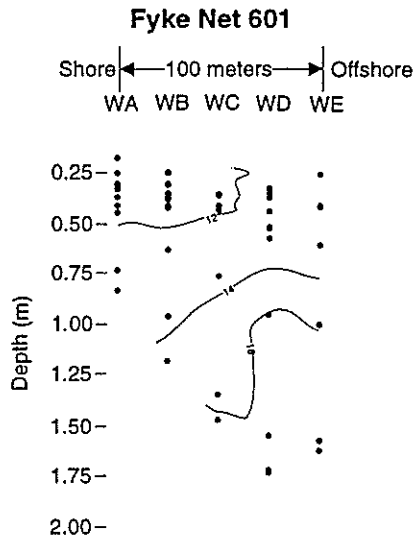
**FIGURE G-9**

**1999 Physical  
Oceanography**

**July 25, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





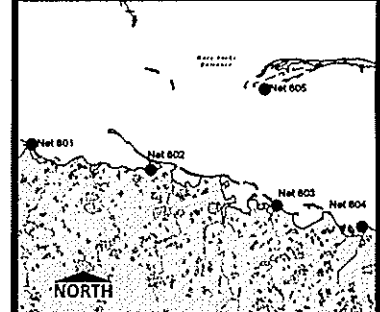
**PT. THOMSON  
UNIT**

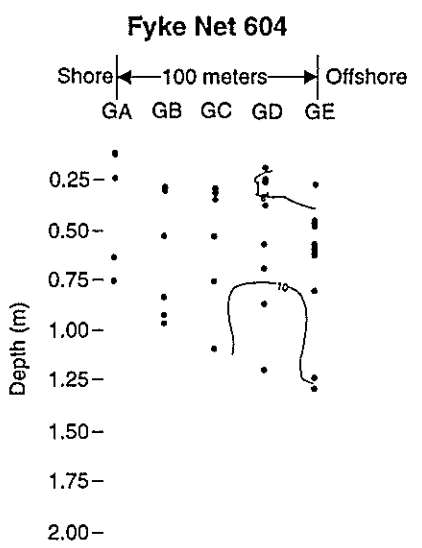
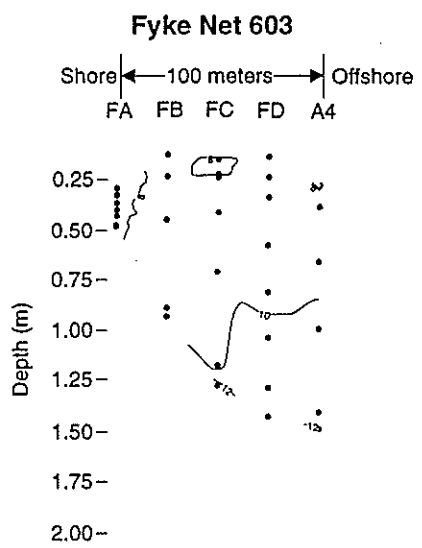
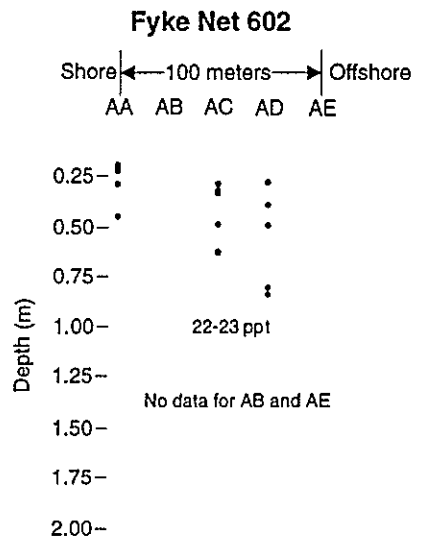
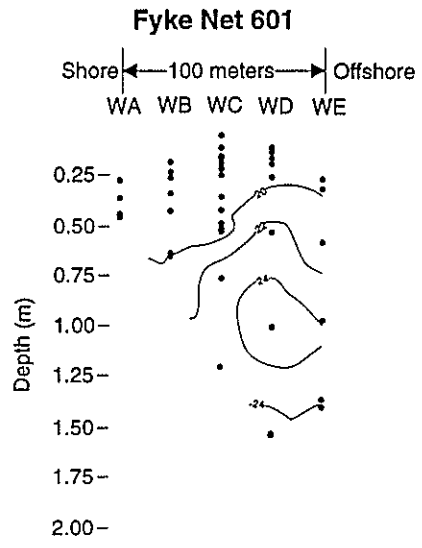
**FIGURE G-10**

**1999 Physical  
Oceanography**

**July 28, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





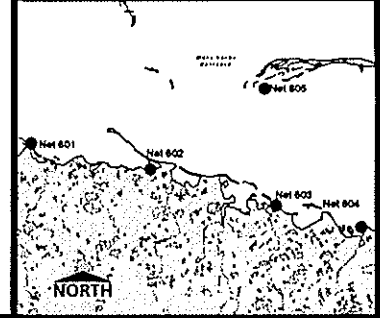
**PT. THOMSON  
UNIT**

**FIGURE G-11**

**1999 Physical  
Oceanography**

**July 30, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





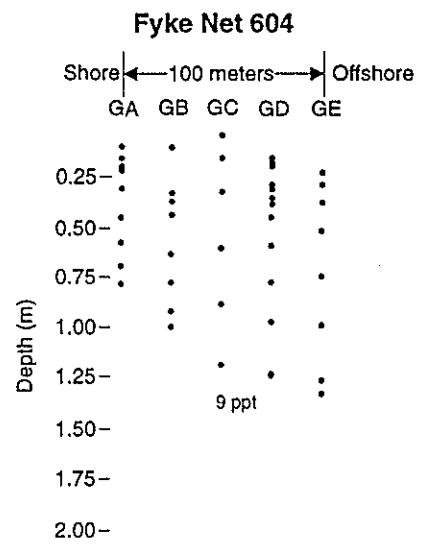
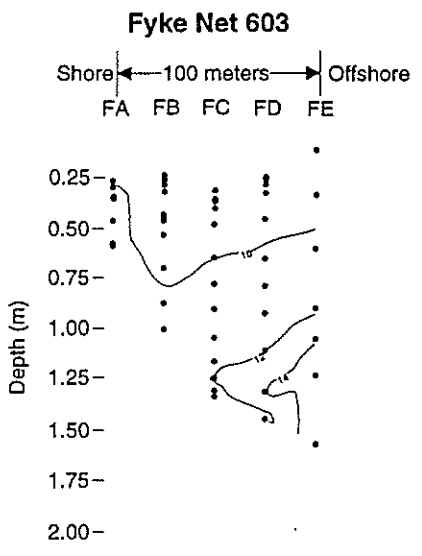
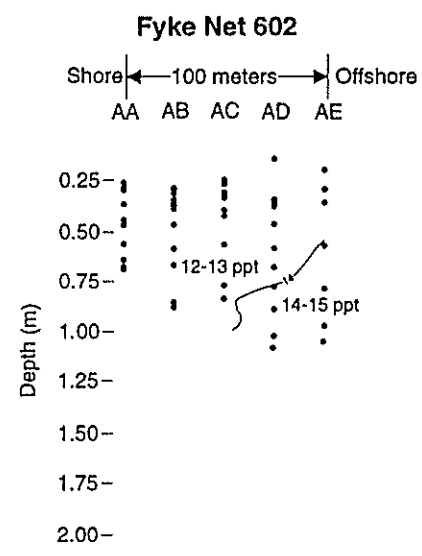
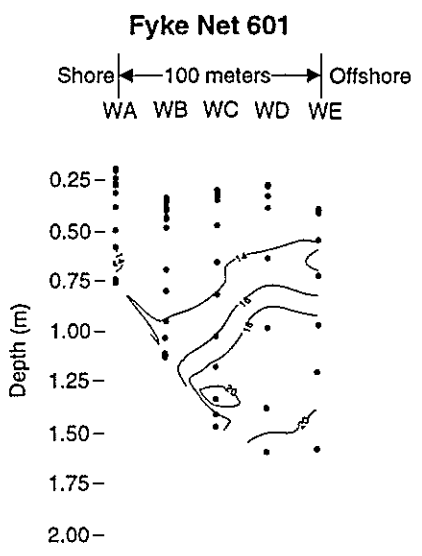
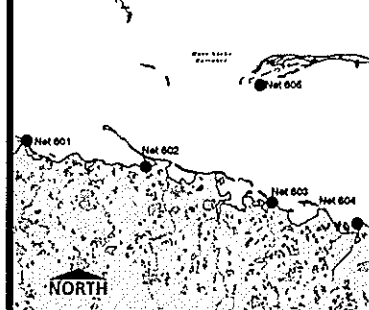
**PT. THOMSON  
UNIT**

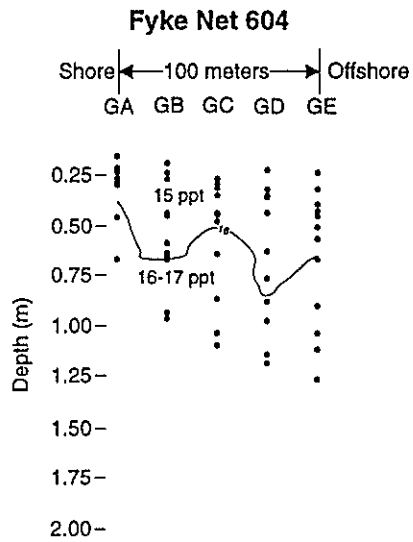
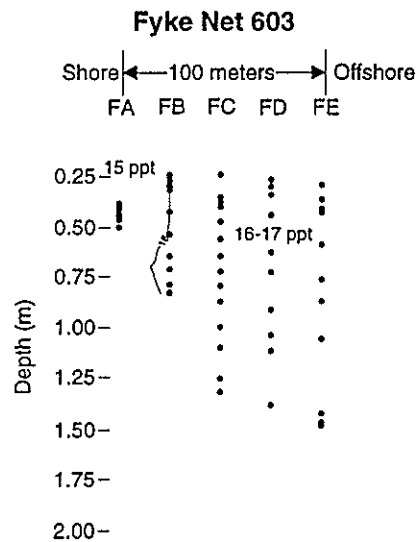
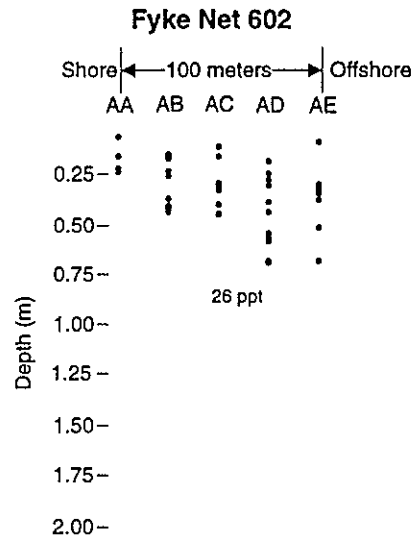
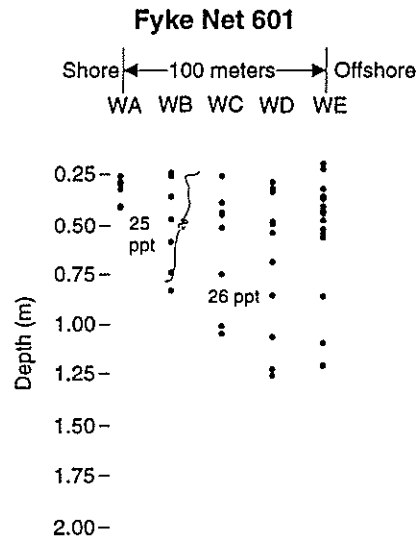
**FIGURE G-12**

**1999 Physical  
Oceanography**

**August 1, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





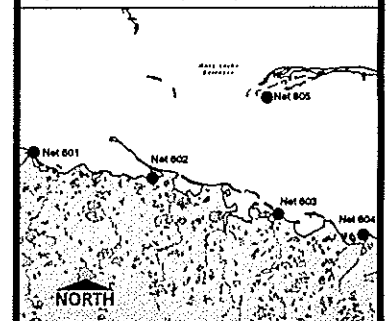
**PT. THOMSON  
UNIT**

**FIGURE G-13**

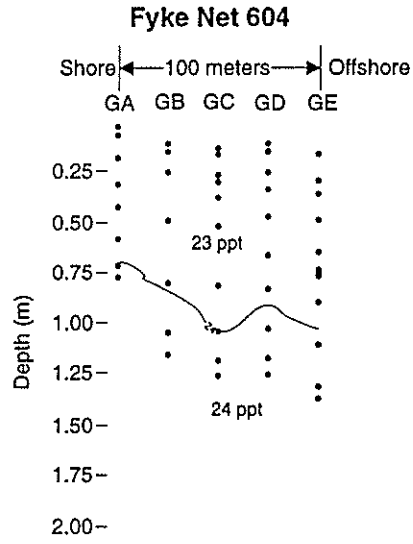
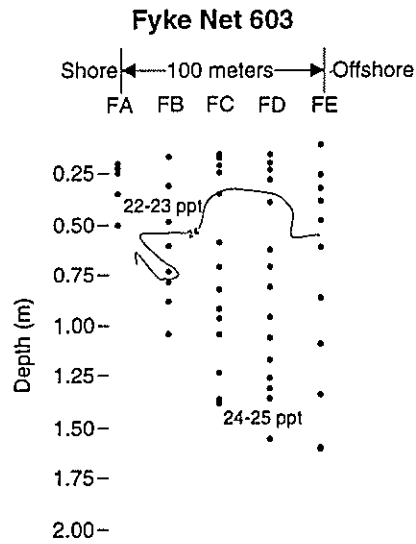
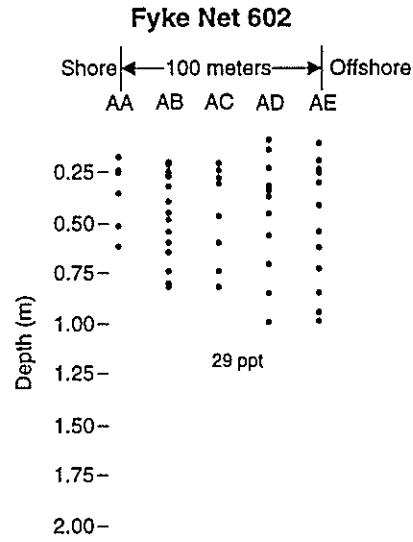
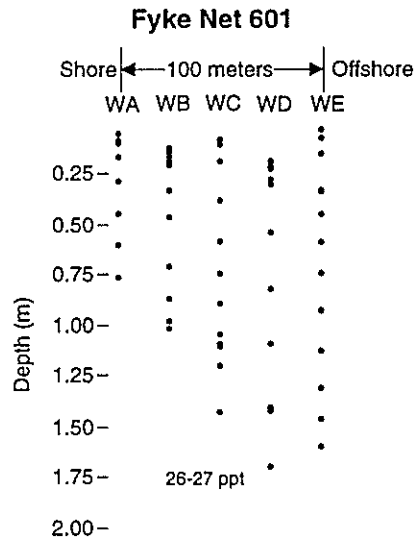
**1999 Physical  
Oceanography**

**August 4, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.







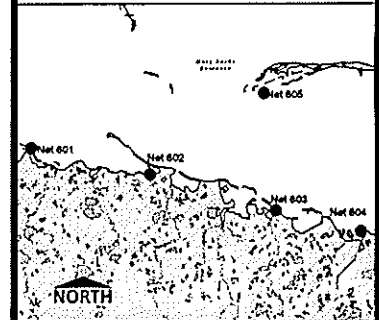
**PT. THOMSON  
UNIT**

**FIGURE G-14**

**1999 Physical  
Oceanography**

**August 7, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





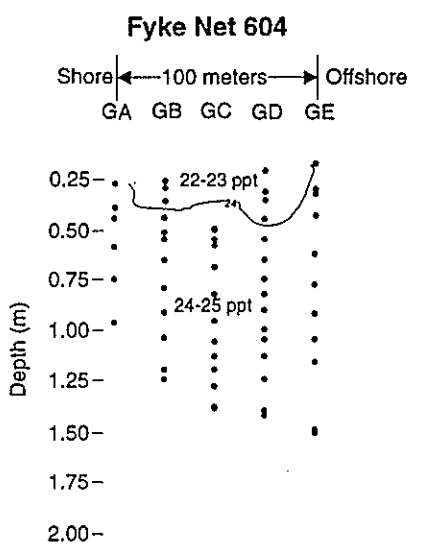
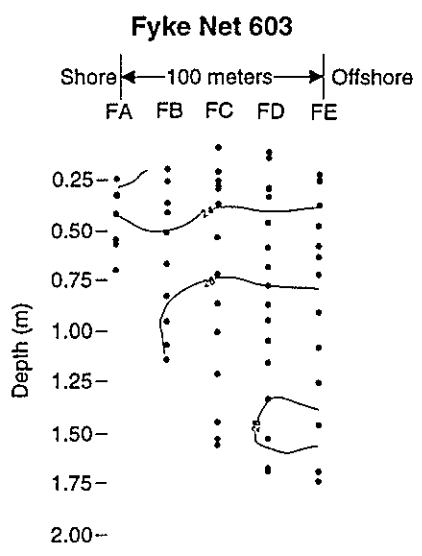
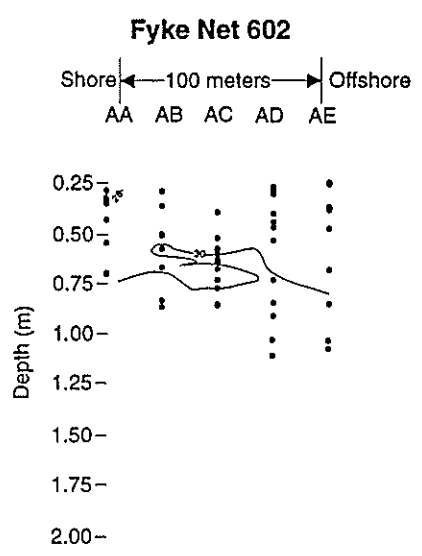
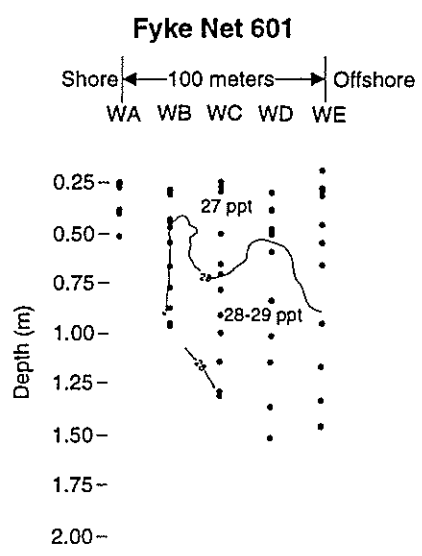
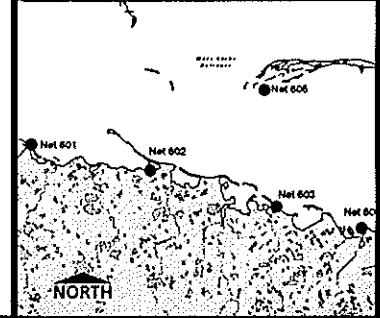
**PT. THOMSON  
UNIT**

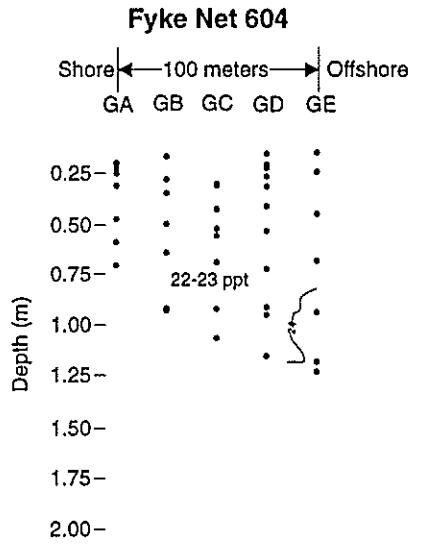
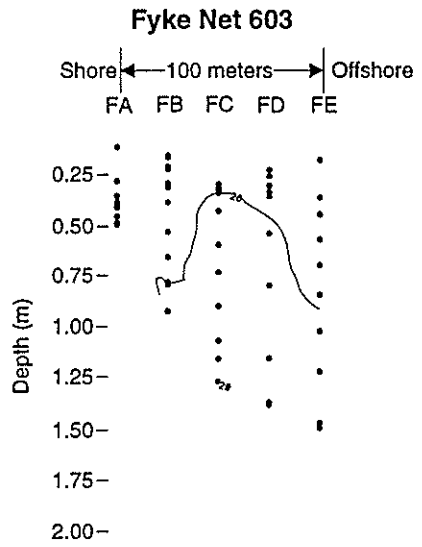
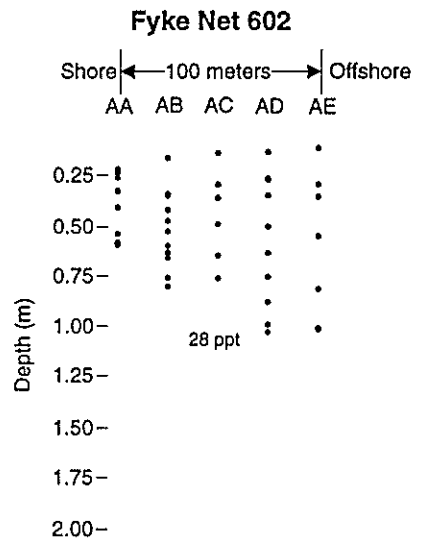
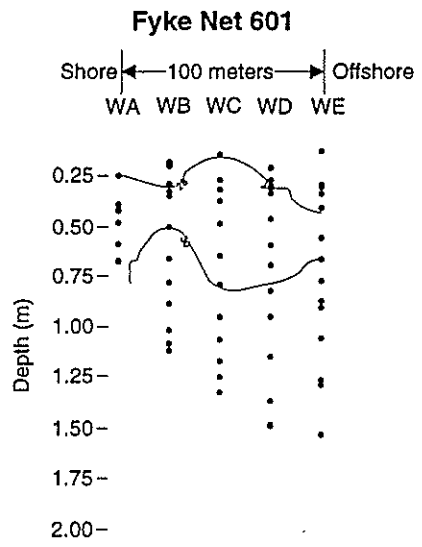
**FIGURE G-15**

**1999 Physical  
Oceanography**

**August 10, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





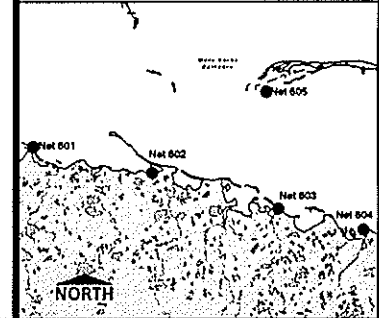
**PT. THOMSON  
UNIT**

**FIGURE G-16**

**1999 Physical  
Oceanography**

**August 13, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





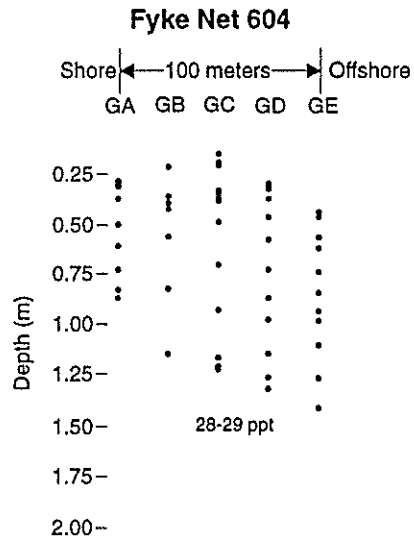
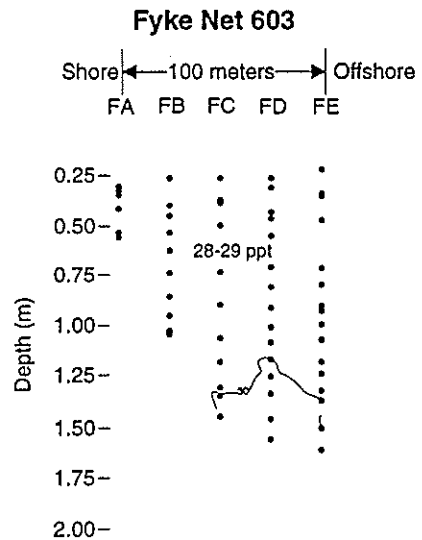
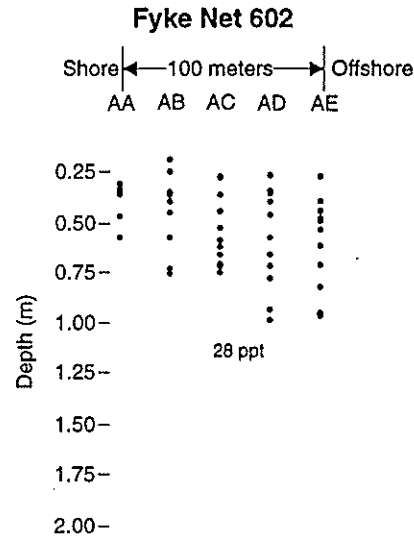
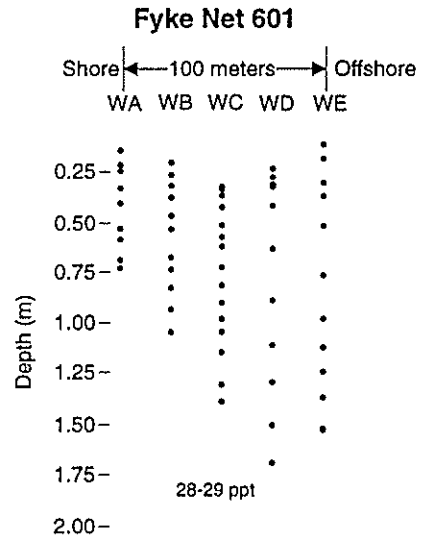
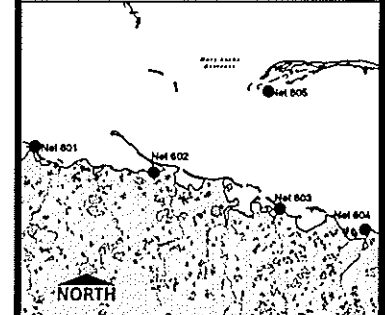
PT. THOMSON  
UNIT

FIGURE G-17

1999 Physical  
Oceanography

August 16, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



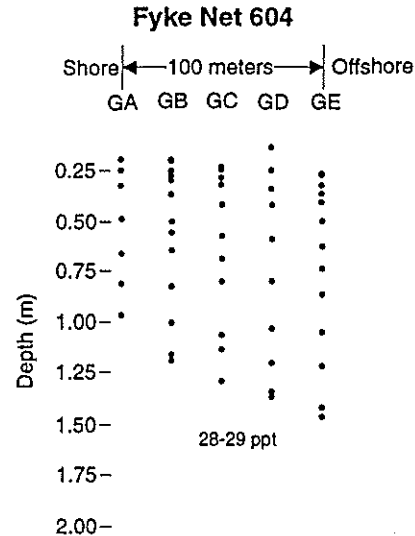
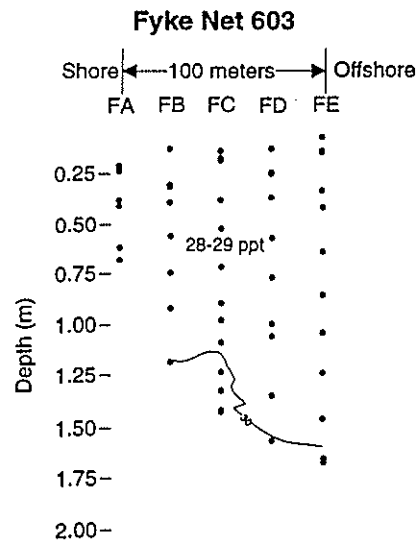
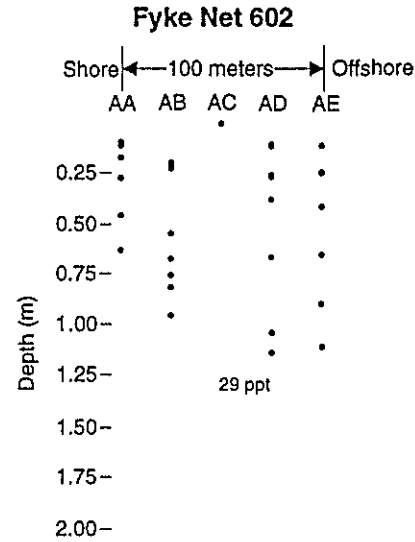
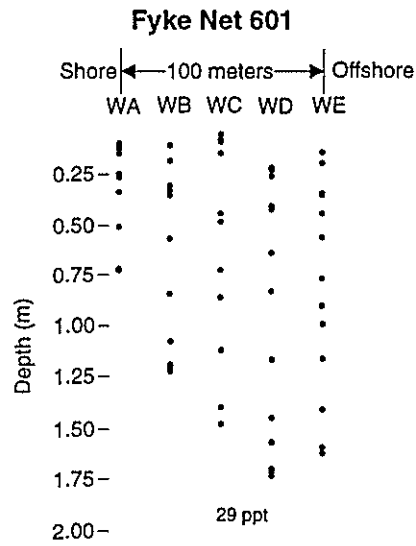


**PT. THOMSON  
UNIT**

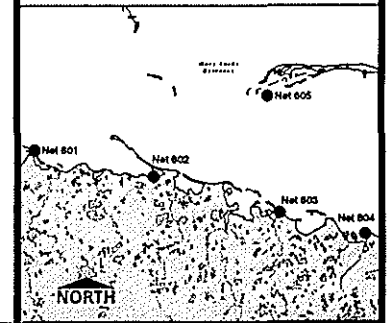
**FIGURE G-18**

**1999 Physical  
Oceanography**

**August 17, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



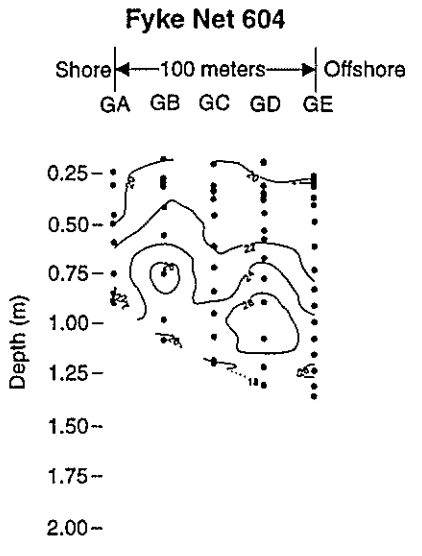
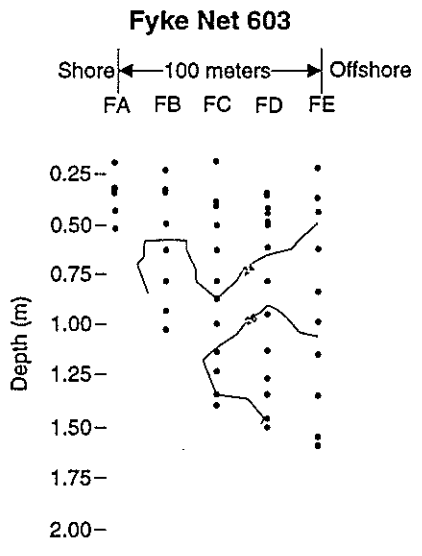
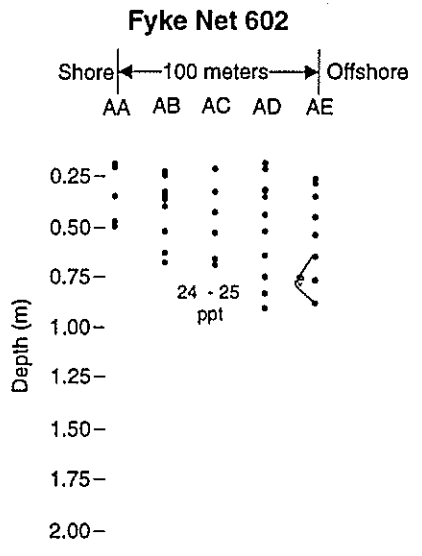
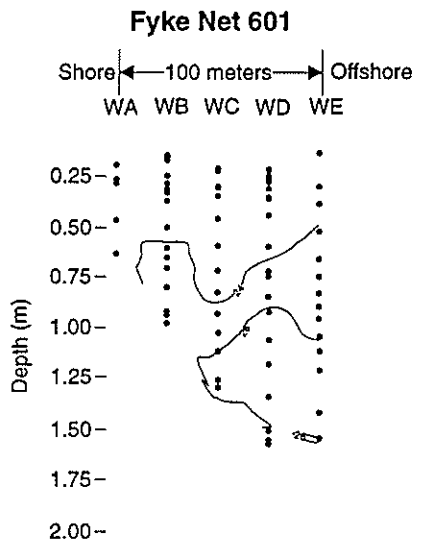
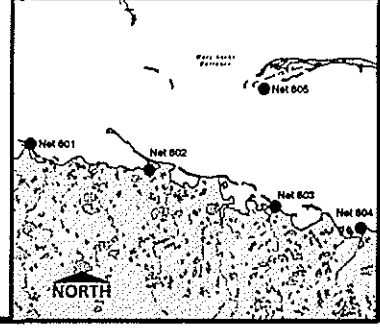


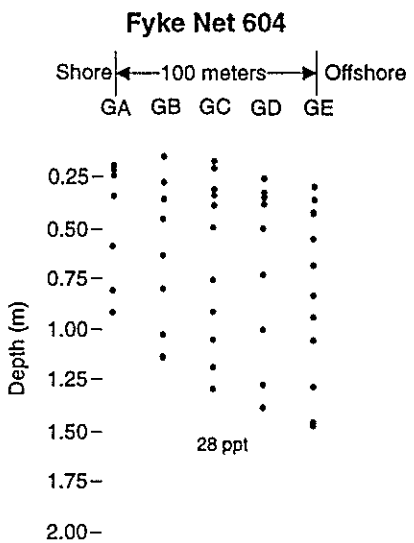
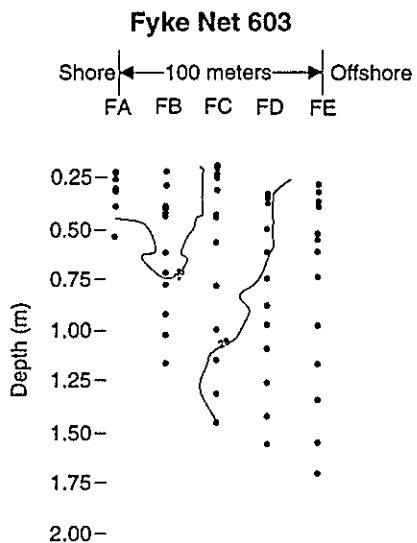
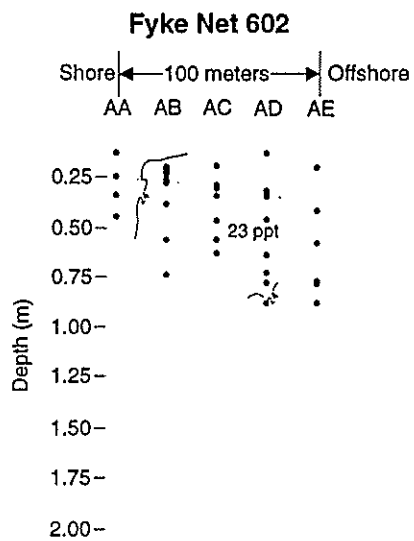
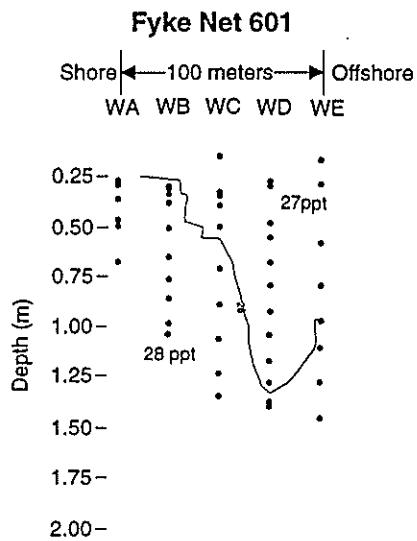
# PT. THOMSON UNIT

## FIGURE G-19

### 1999 Physical Oceanography August 25, 1999 Salinity (parts per thousand) Surf Zone Transects

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





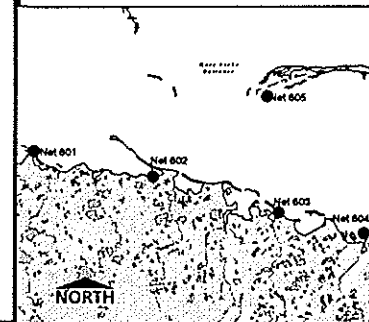
**PT. THOMSON  
UNIT**

**FIGURE G-20**

**1999 Physical  
Oceanography**

**August 26, 1999  
Salinity  
(parts per thousand)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



## **APPENDIX H**

### **Surfzone (Fyke Net) Survey Daily Temperature Transect Cross-Sections**





**PT. THOMSON  
UNIT**

**FIGURE H-1**

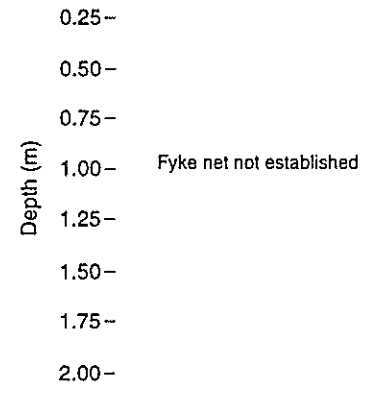
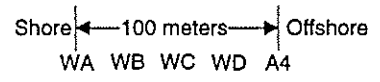
**1999 Physical  
Oceanography**

**July 6, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**

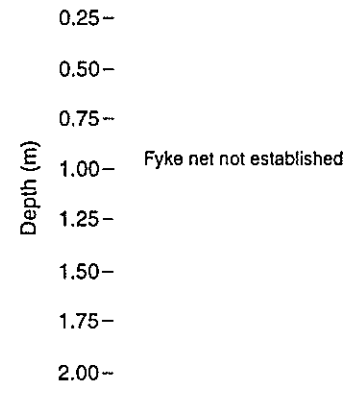
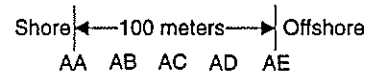
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



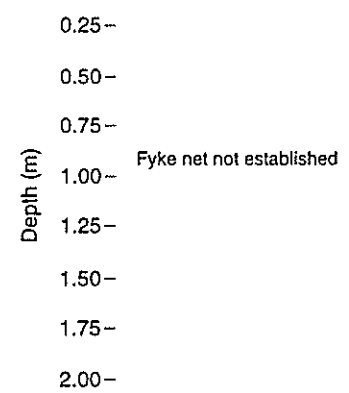
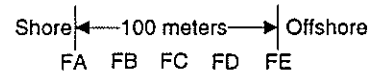
**Fyke Net 601**



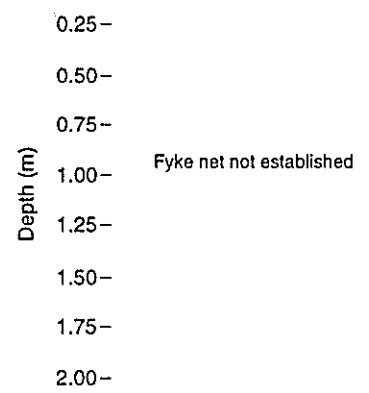
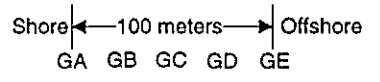
**Fyke Net 602**



**Fyke Net 603**



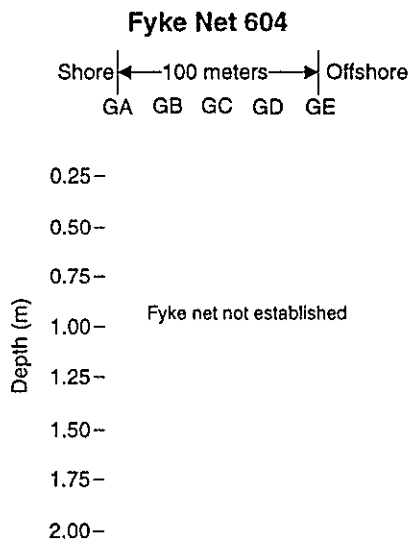
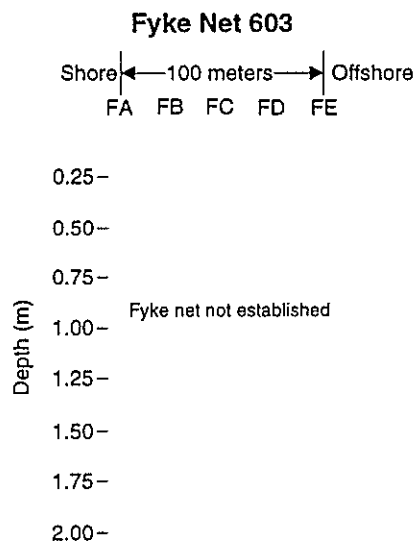
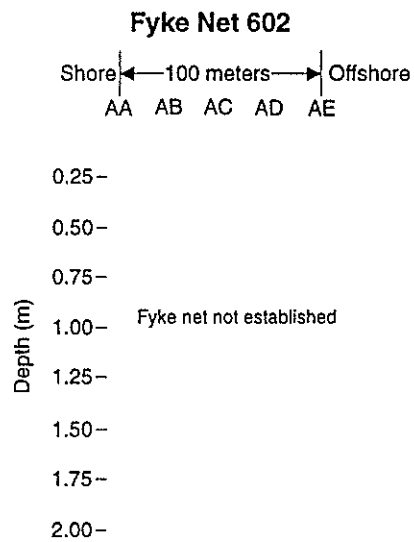
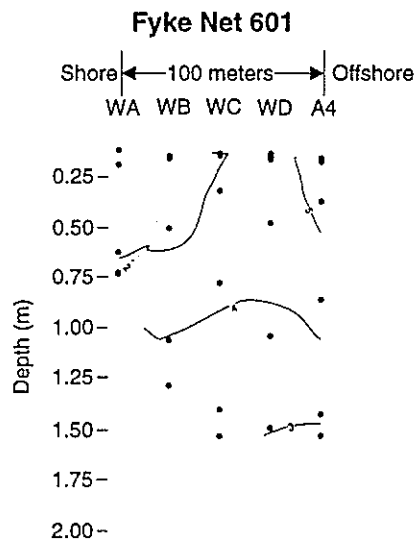
**Fyke Net 604**



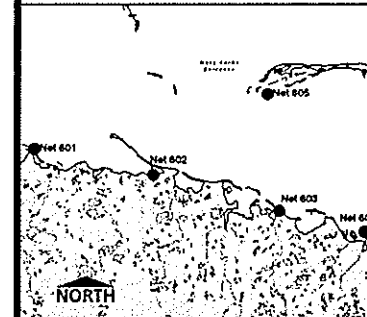


# PT. THOMSON UNIT

## FIGURE H-2 1999 Physical Oceanography July 9, 1999 Temperature (Celsius) Surf Zone Transects



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





# PT. THOMSON UNIT

## FIGURE H-3

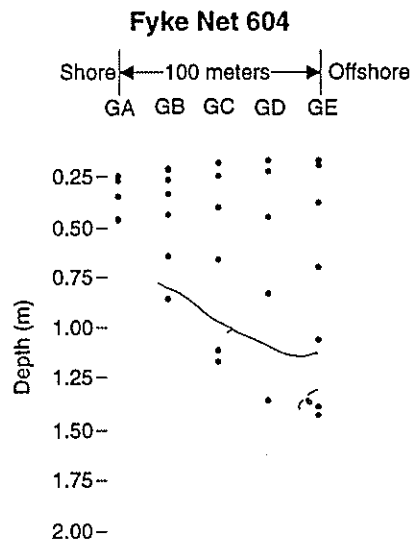
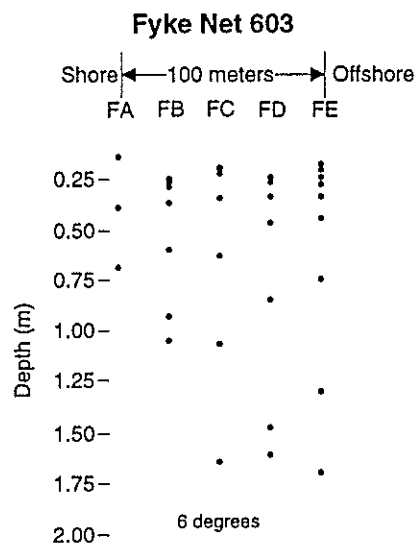
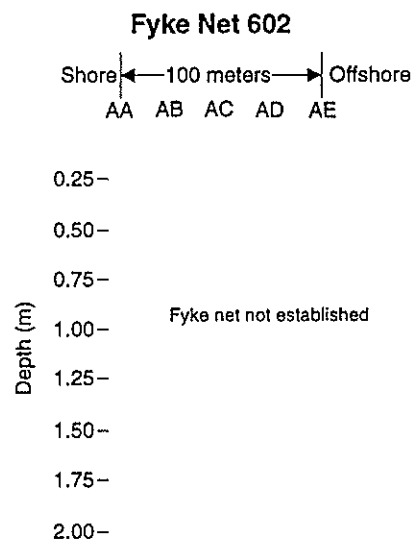
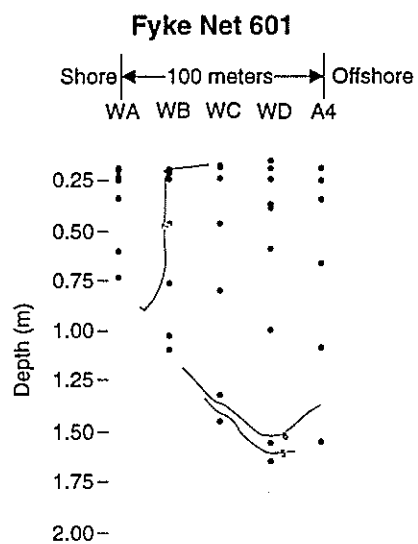
### 1999 Physical Oceanography

### July 12, 1999

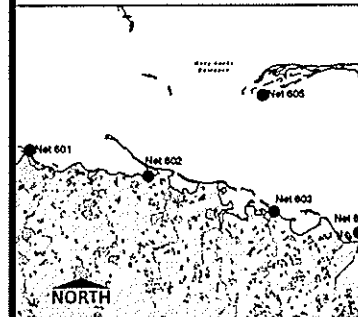
### Temperature (Celsius)

### Surf Zone

### Transects



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





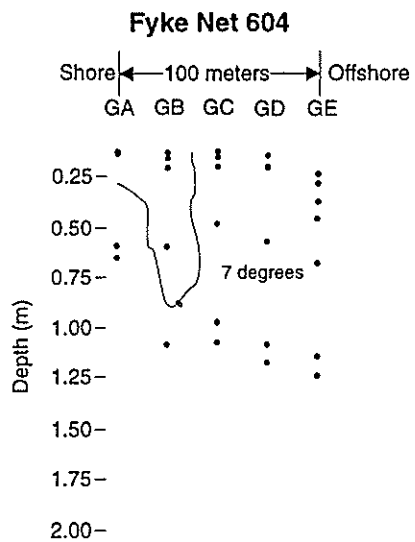
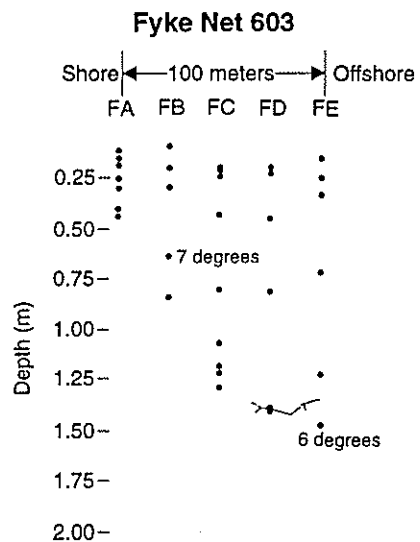
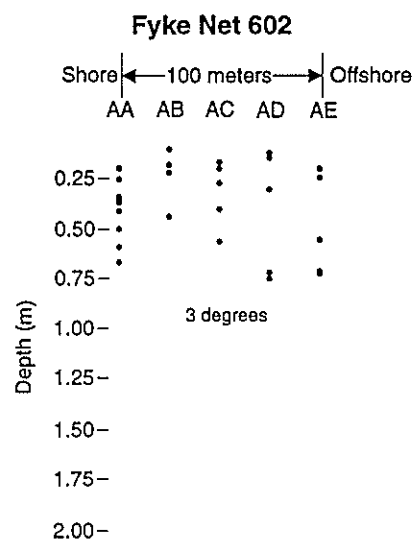
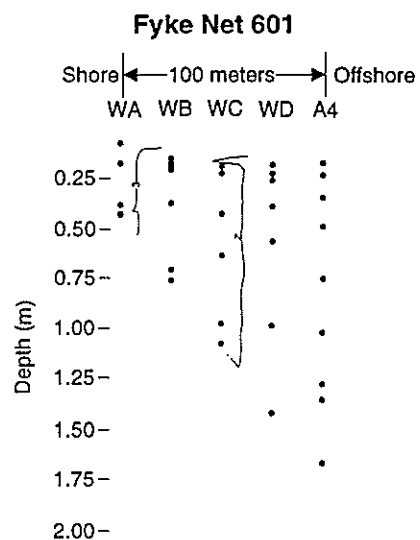
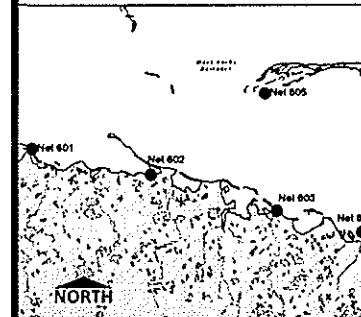
**PT. THOMSON  
UNIT**

**FIGURE H-4**

**1999 Physical  
Oceanography**

**July 15, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



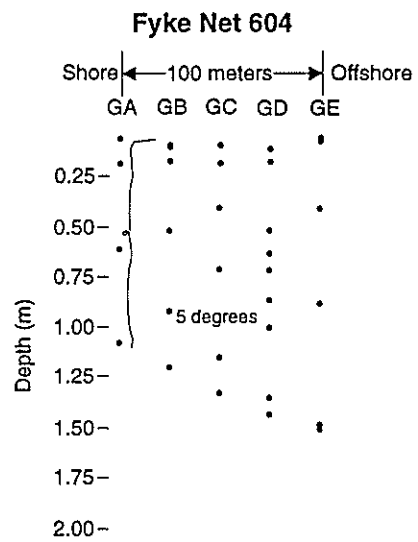
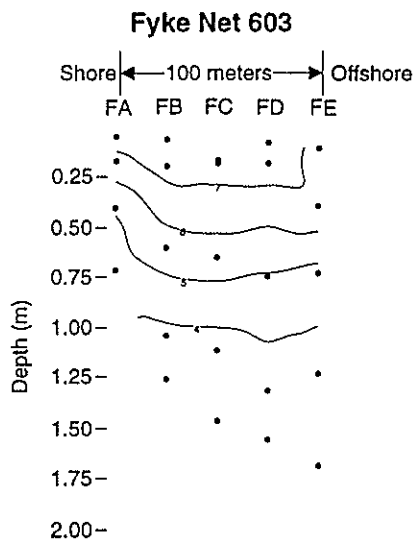
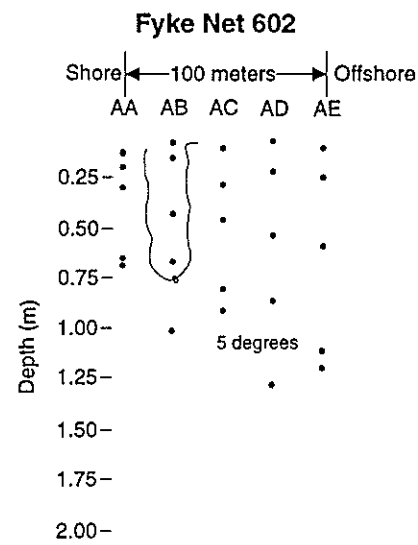
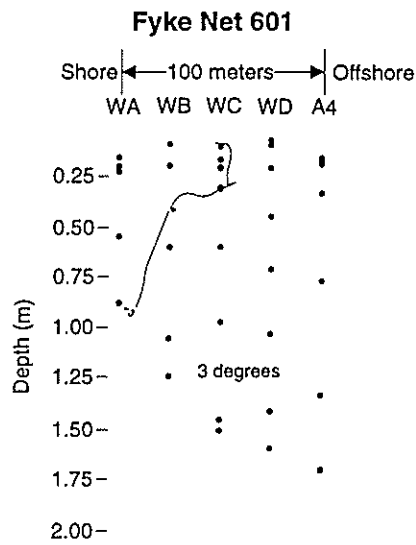


**PT. THOMSON  
UNIT**

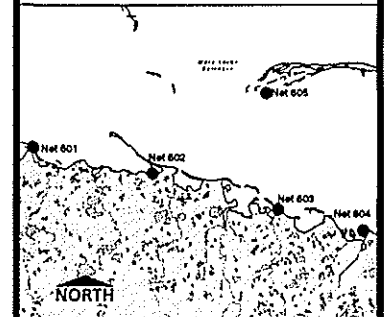
**FIGURE H-5**

**1999 Physical  
Oceanography**

**July 16, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



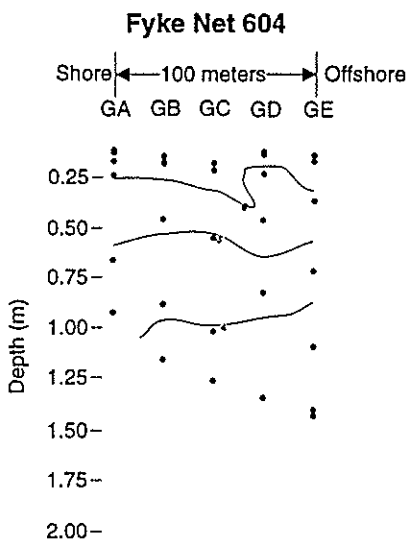
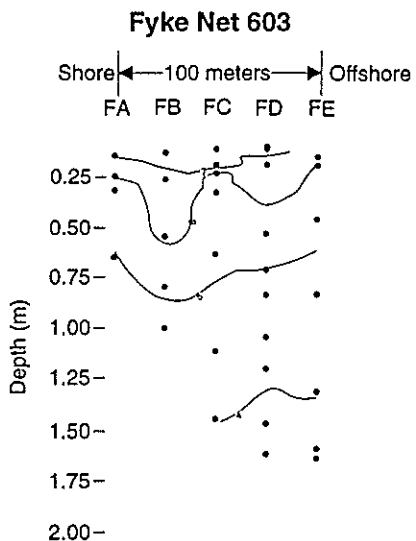
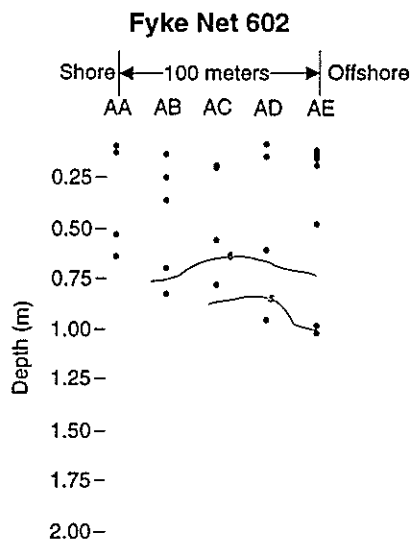
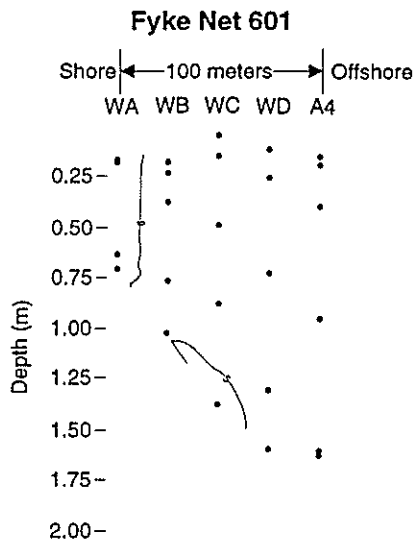


**PT. THOMSON  
UNIT**

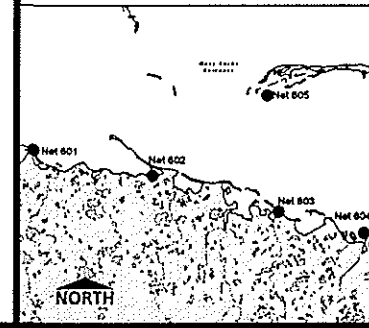
**FIGURE H-6**

**1999 Physical  
Oceanography**

**July 19, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**



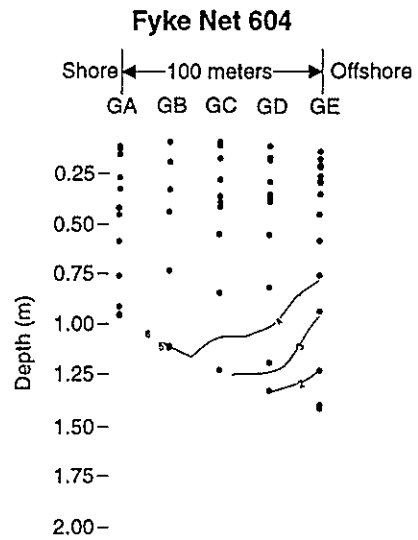
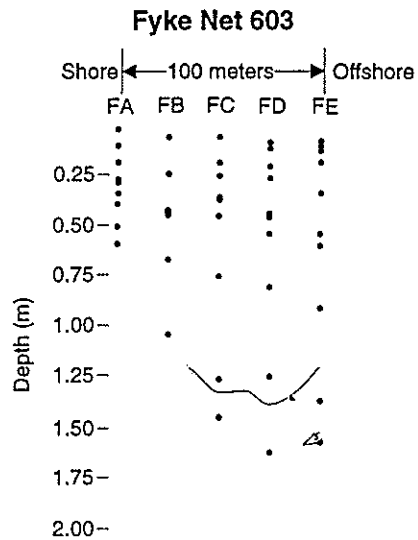
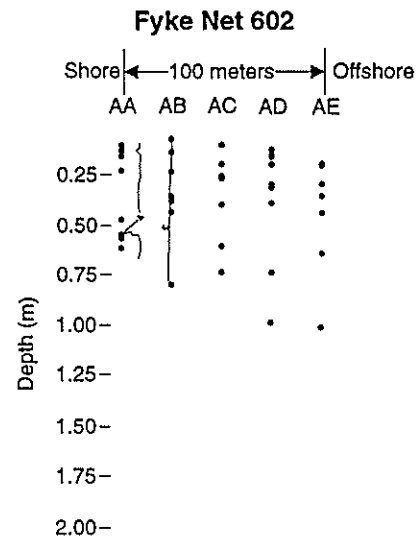
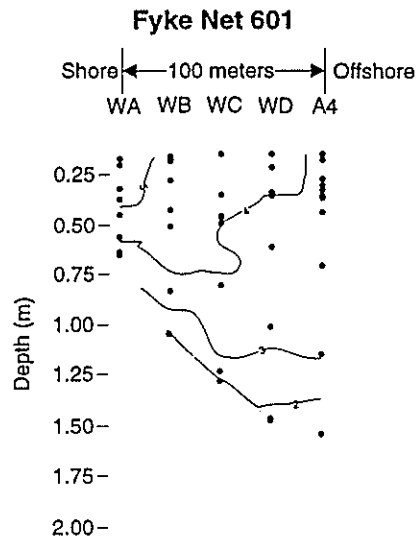
Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



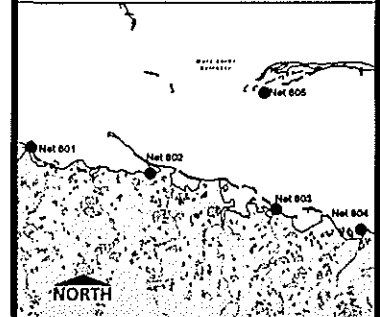


**PT. THOMSON  
UNIT**

**FIGURE H-7**  
**1999 Physical**  
**Oceanography**  
**July 22, 1999**  
**Temperature**  
**(Celsius)**  
**Surf Zone**  
**Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





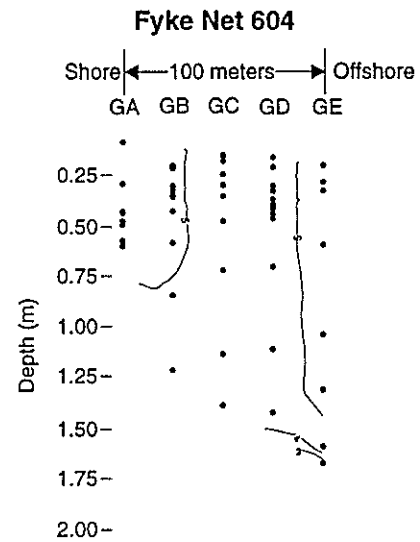
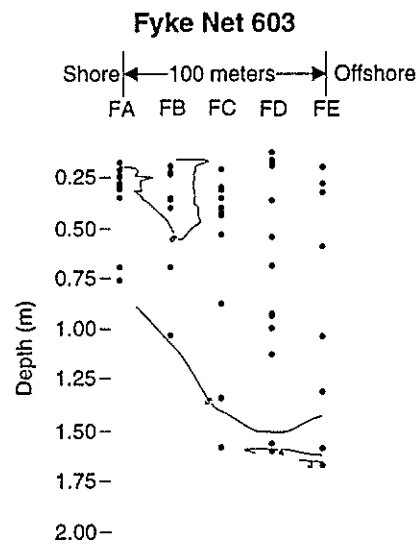
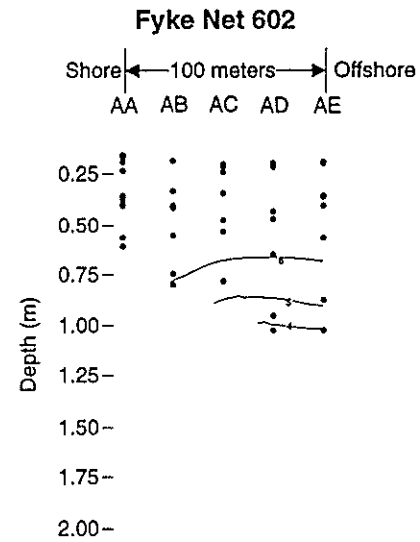
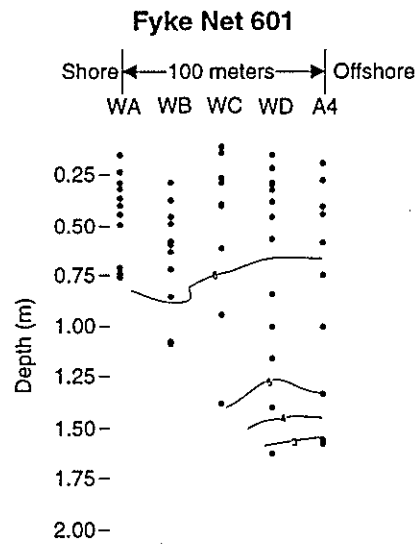
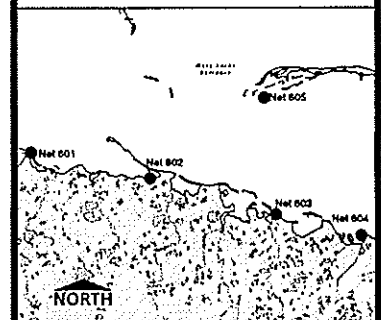
PT. THOMSON  
UNIT

FIGURE H-8

1999 Physical  
Oceanography

July 23, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.

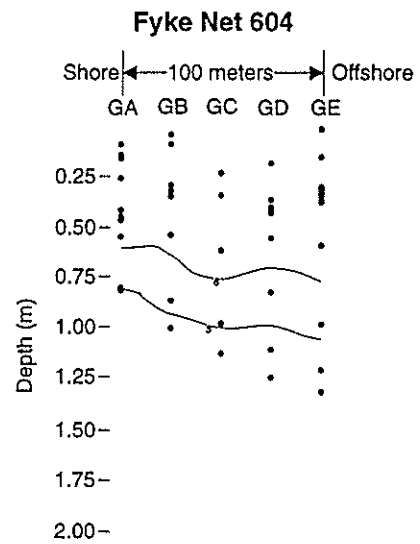
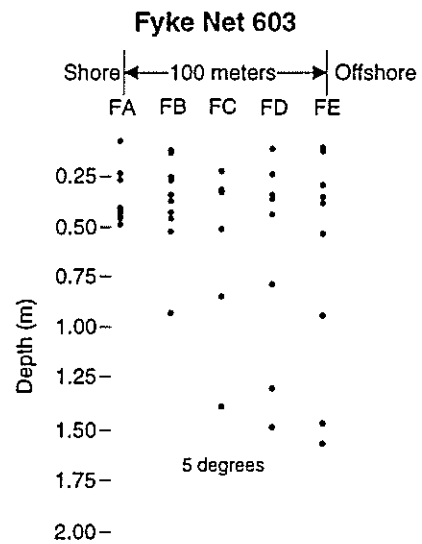
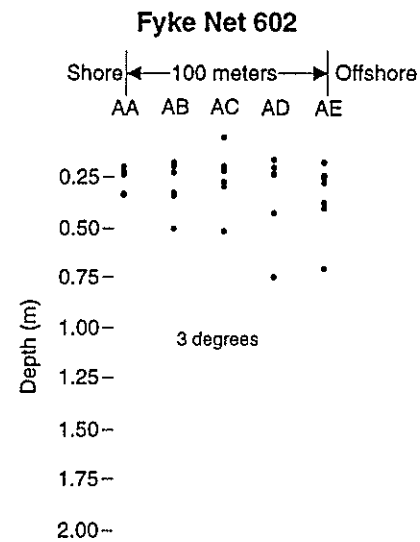
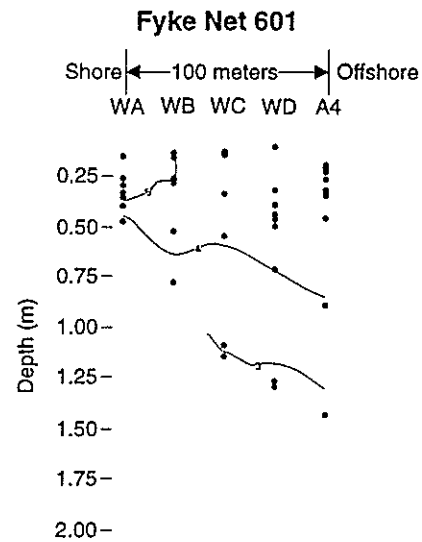




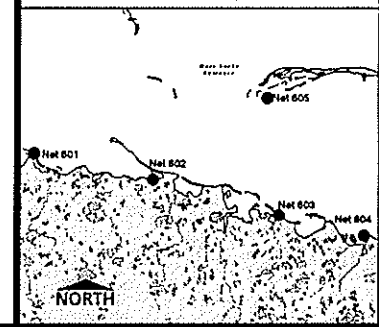


**PT. THOMSON  
UNIT**

**FIGURE H-9**  
**1999 Physical Oceanography**  
**July 25, 1999**  
**Temperature**  
**(Celsius)**  
**Surf Zone**  
**Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



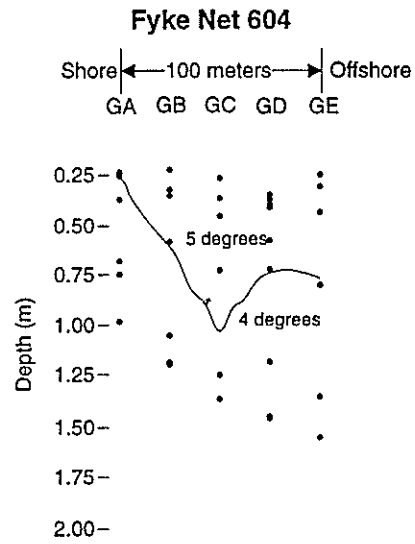
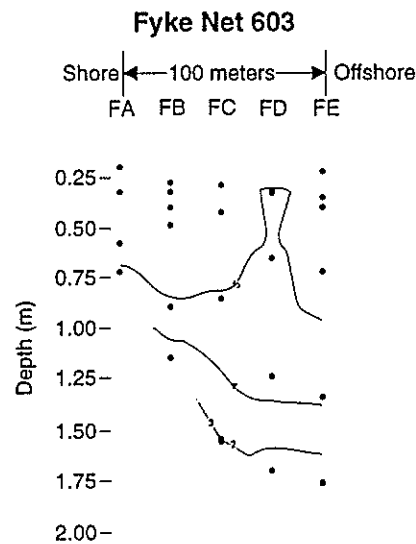
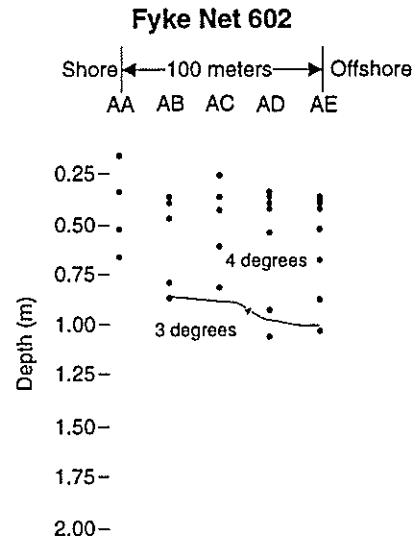
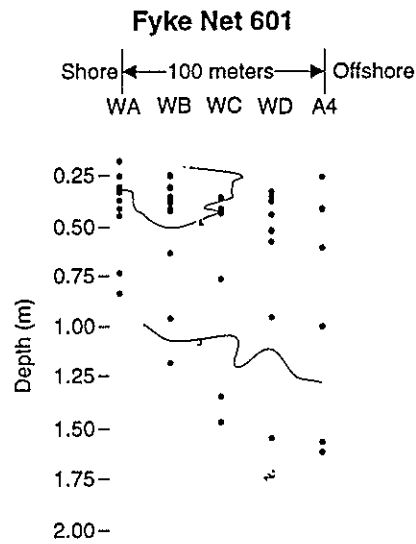


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UNIT**

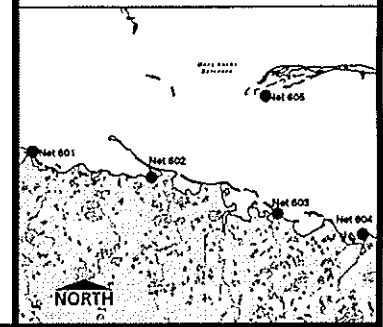
**FIGURE H-10**

**1999 Physical  
Oceanography**

**July 28, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





# PT. THOMSON UNIT

## FIGURE H-11

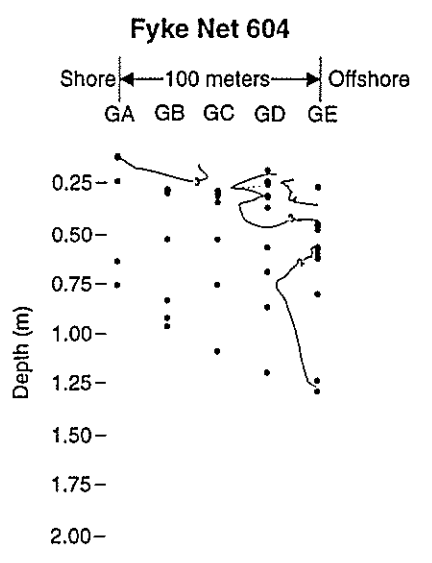
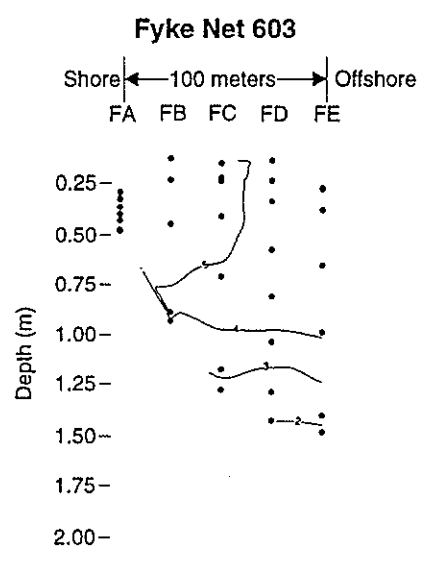
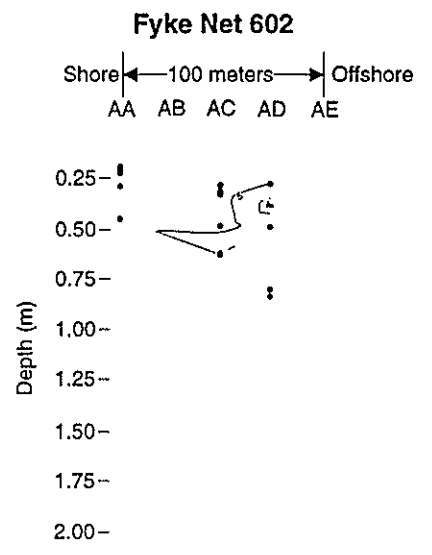
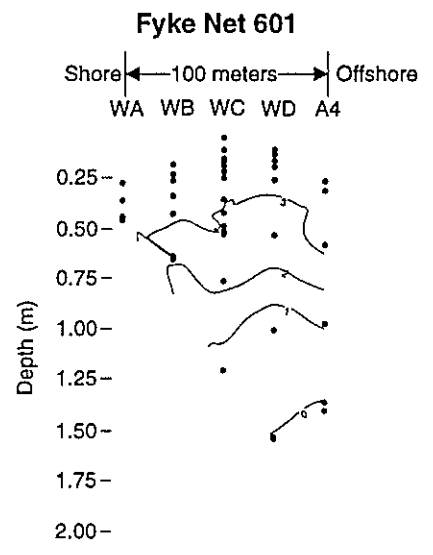
### 1999 Physical Oceanography

### July 30, 1999

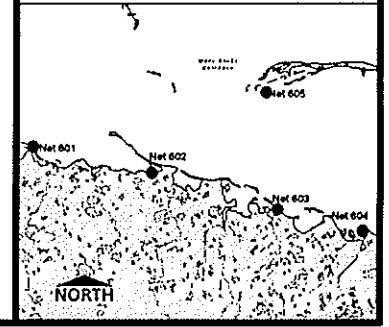
### Temperature (Celsius)

### Surf Zone

### Transects



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



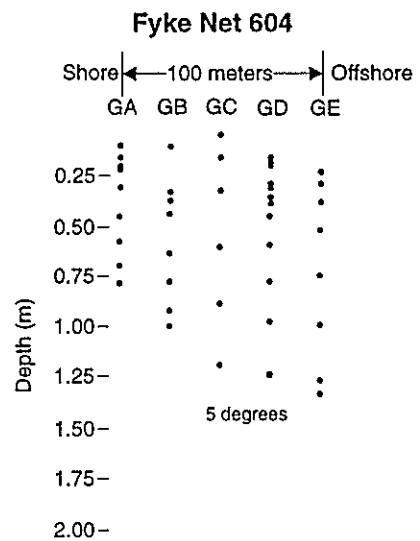
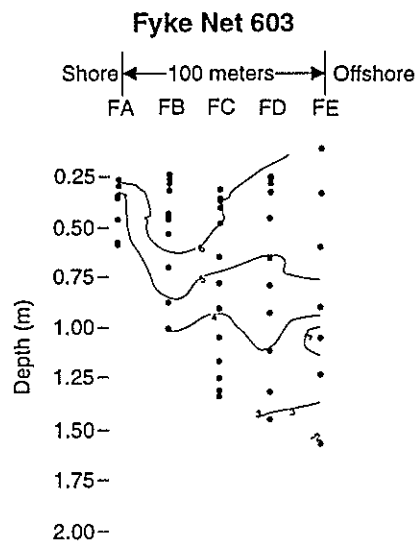
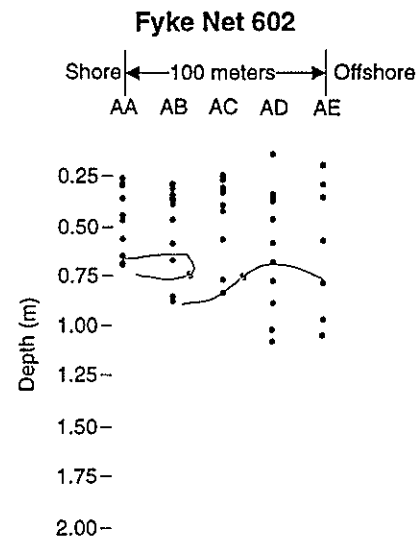
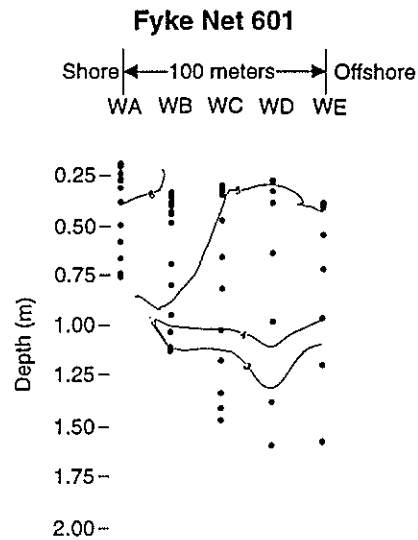


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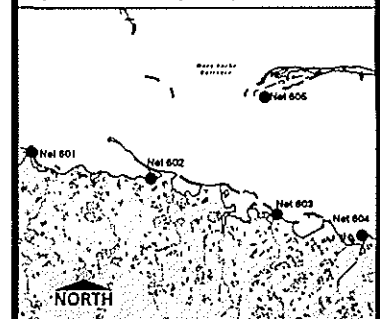
**FIGURE H-12**

**1999 Physical  
Oceanography**

**August 1, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



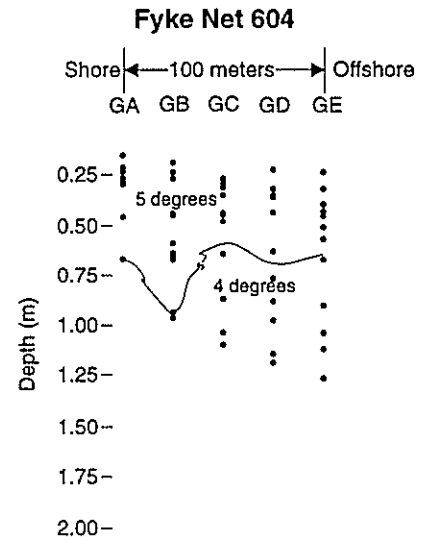
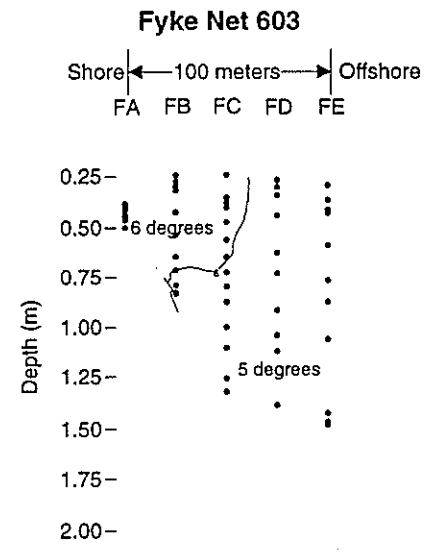
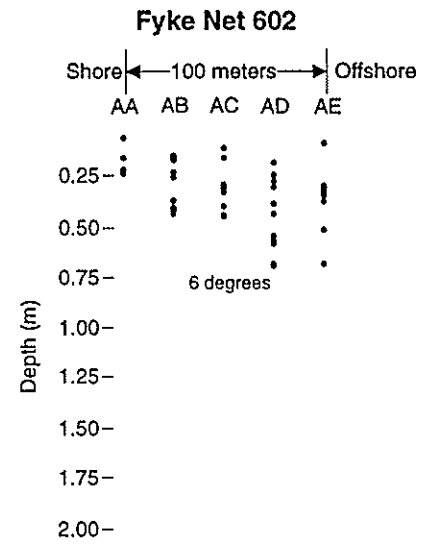
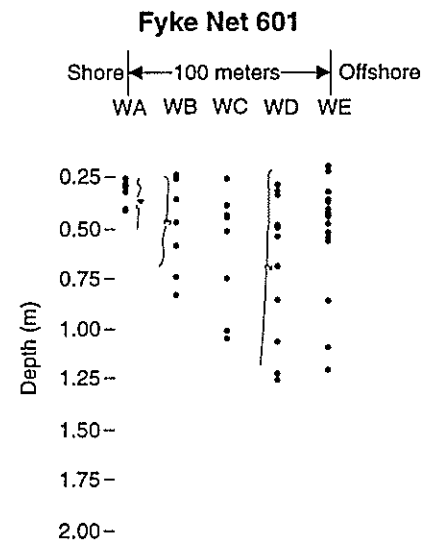


# PT. THOMSON UNIT

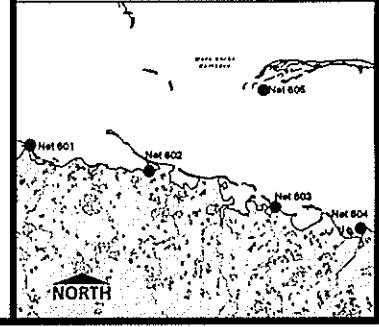
## FIGURE H-13

### 1999 Physical Oceanography

### August 4, 1999 Temperature (Celsius) Surf Zone Transects



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



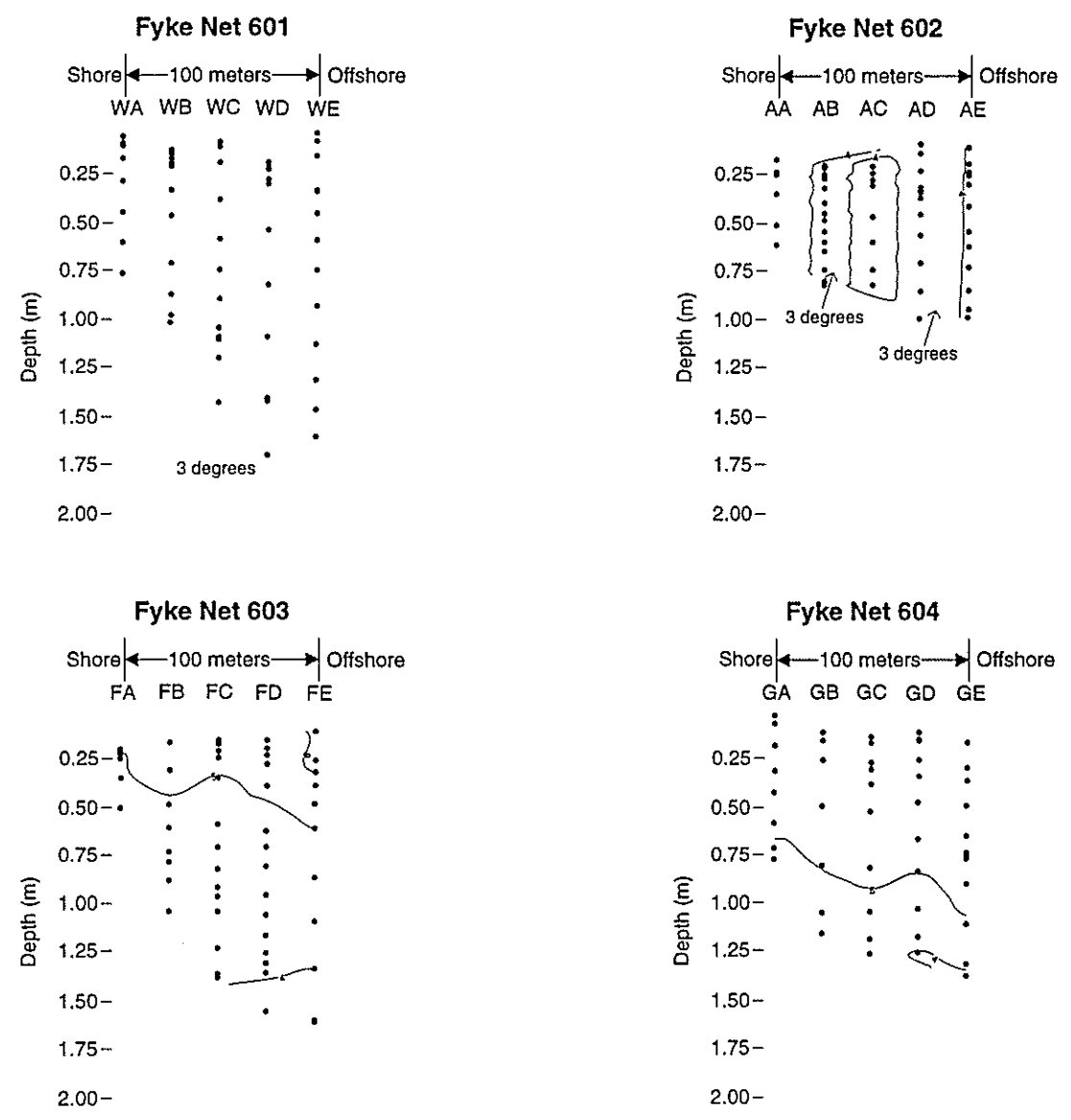


**PT. THOMSON UNIT**

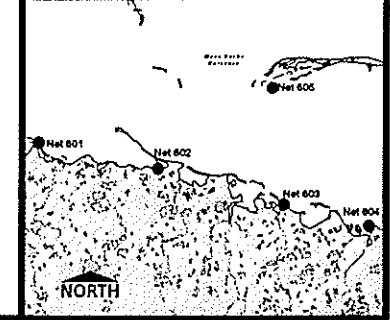
**FIGURE H-14**

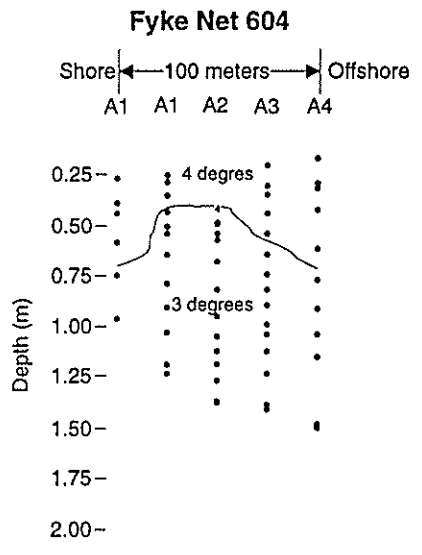
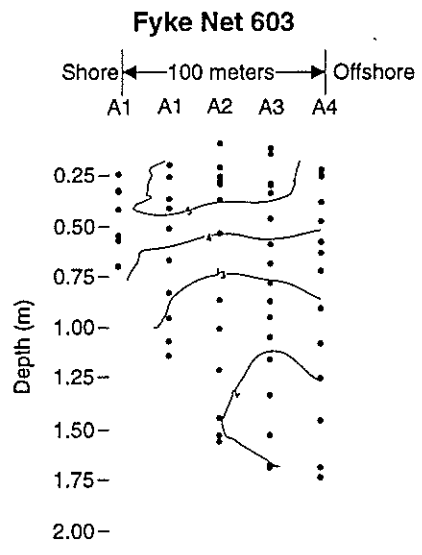
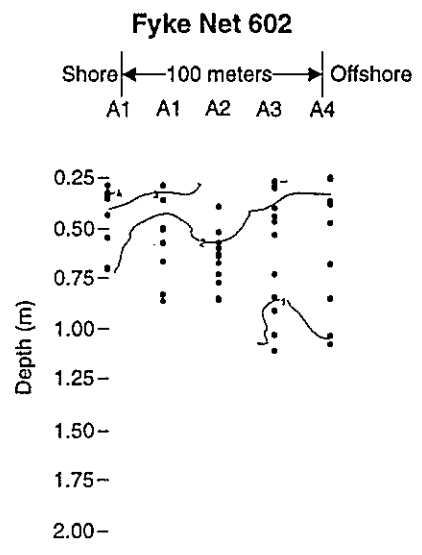
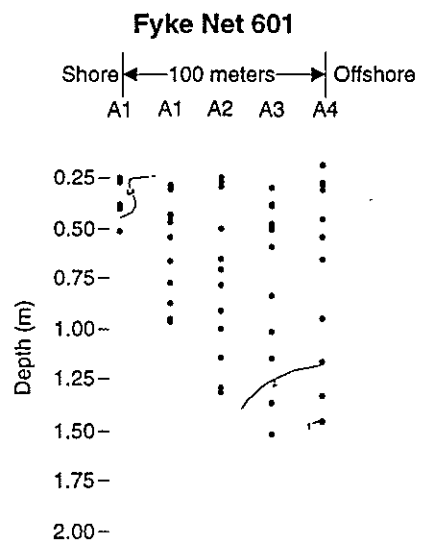
**1999 Physical Oceanography**

**August 7, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





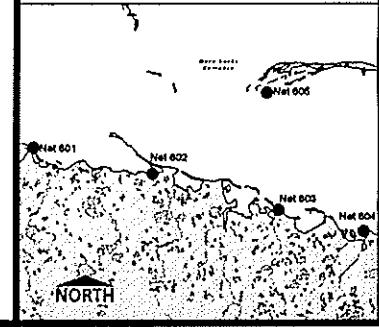
**PT. THOMSON  
UNIT**

**FIGURE H-15**

**1999 Physical  
Oceanography**

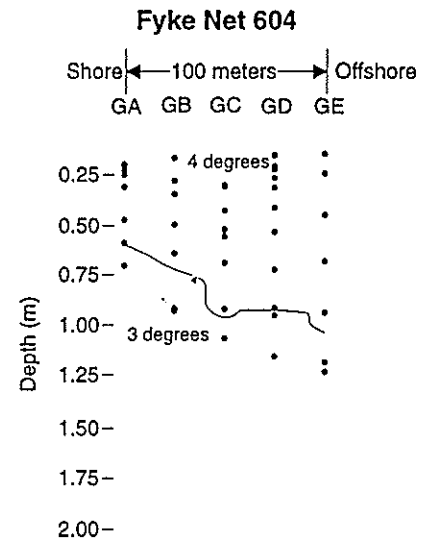
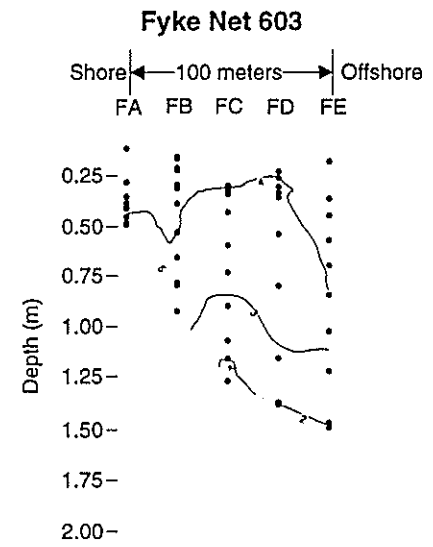
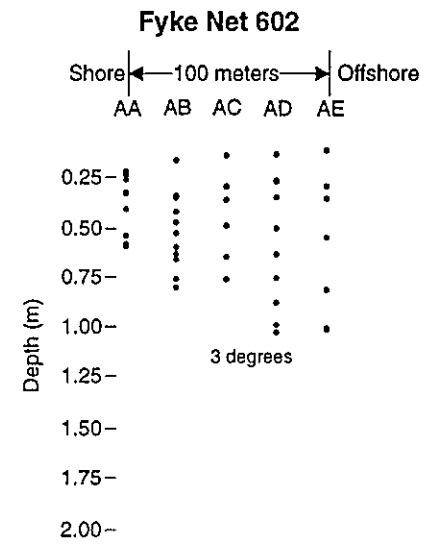
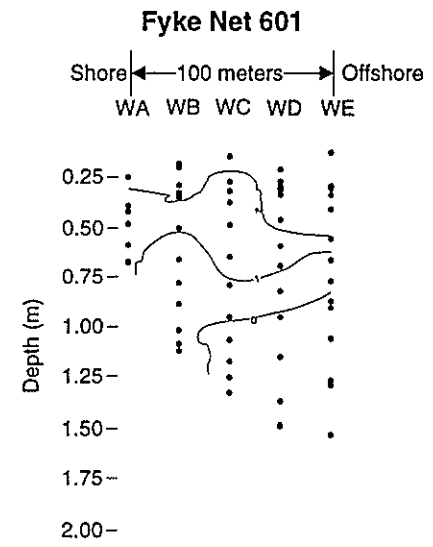
**August 10, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





# PT. THOMSON UNIT



## FIGURE H-16

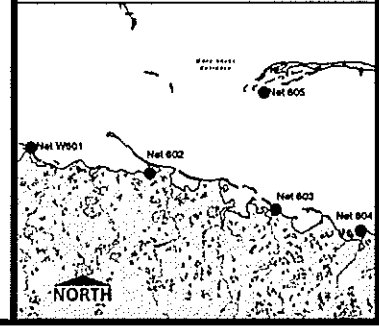
### 1999 Physical Oceanography

### August 13, 1999

### Temperature (Celsius)

### Surf Zone Transects

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





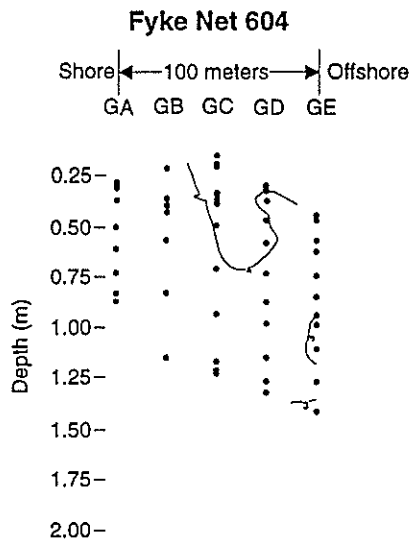
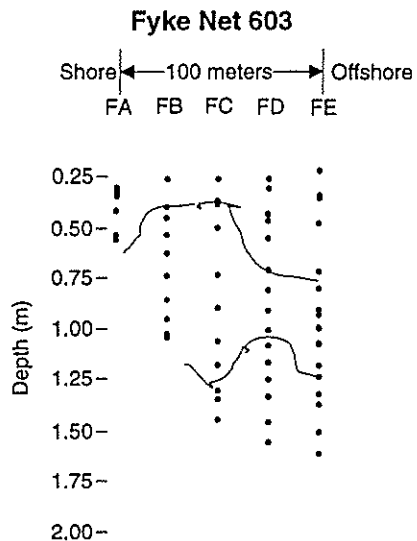
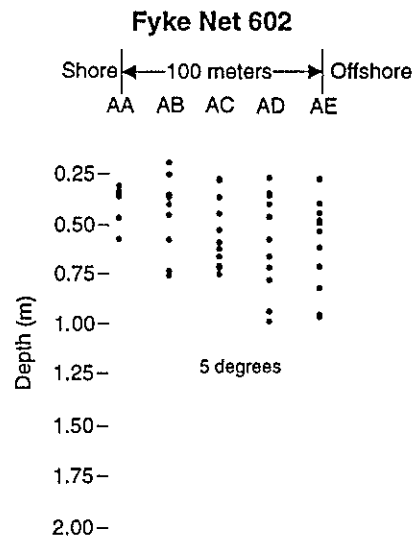
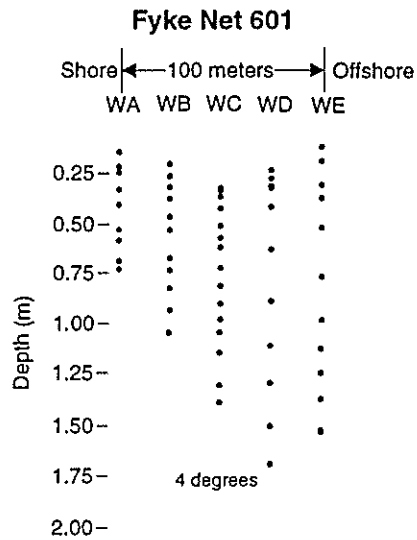


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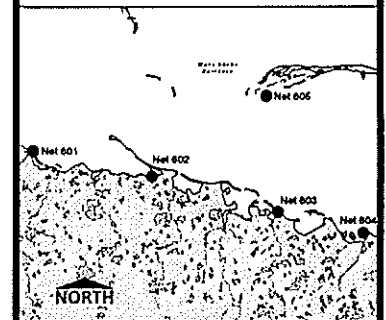
**FIGURE H-17**

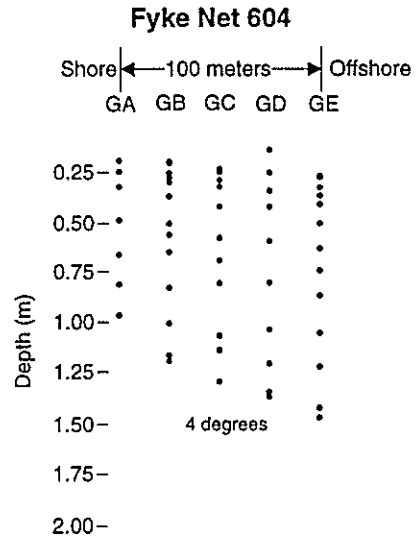
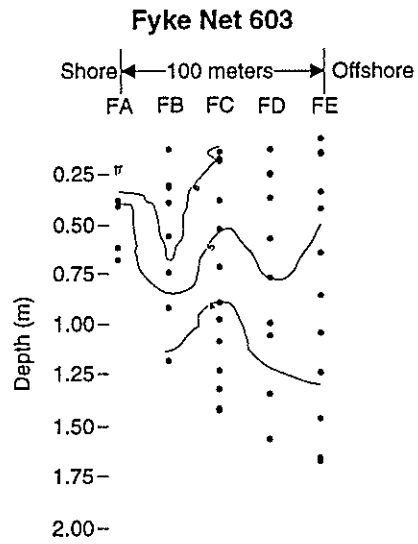
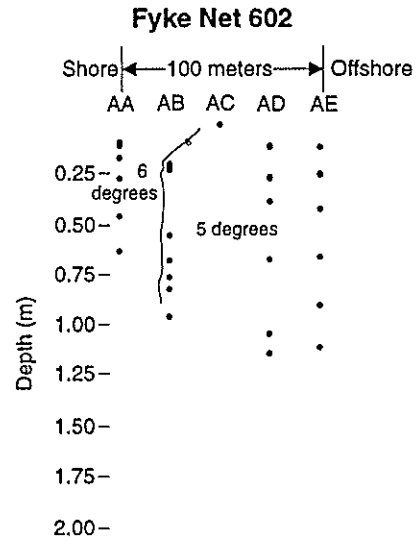
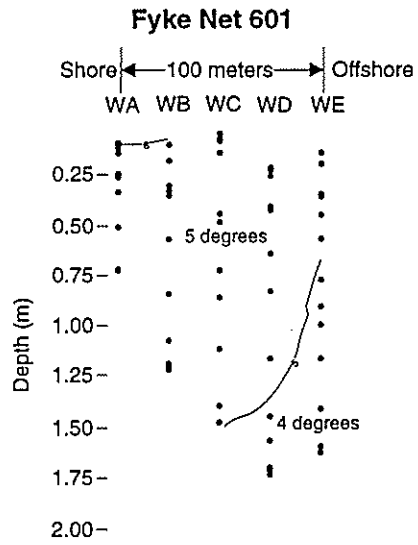
**1999 Physical  
Oceanography**

**August 16, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**



Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





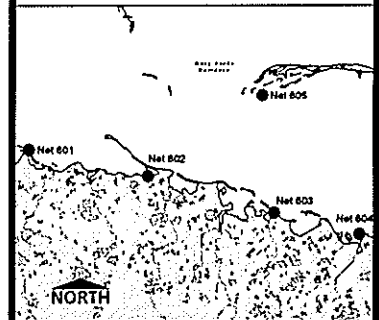
**PT. THOMSON  
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**FIGURE H-18**

**1999 Physical  
Oceanography**

**August 17, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





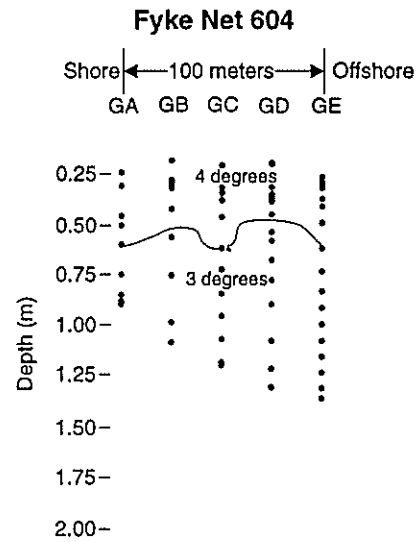
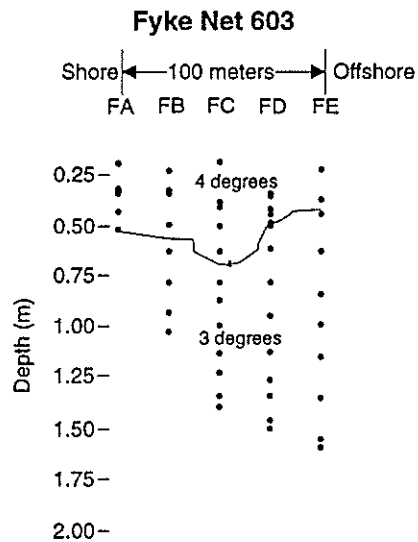
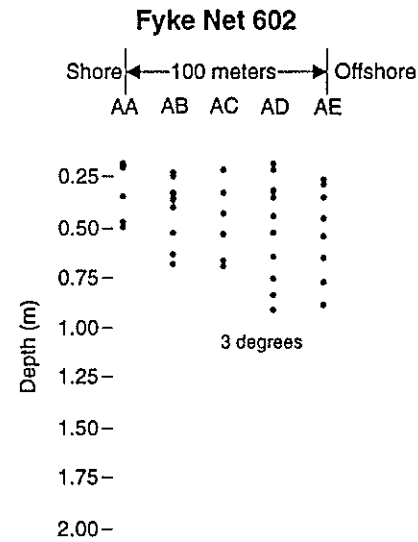
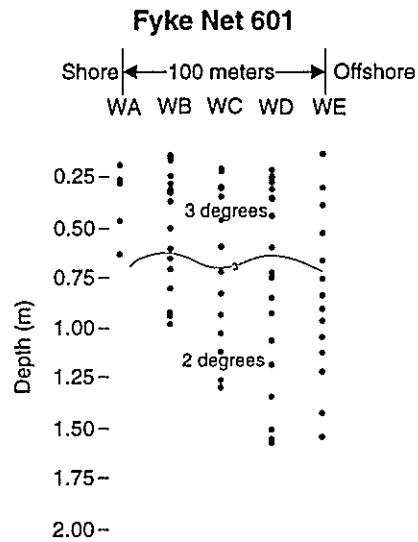
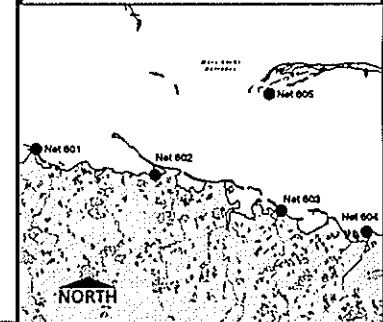
**PT. THOMSON  
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**FIGURE H-19**

**1999 Physical  
Oceanography**

**August 25, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.





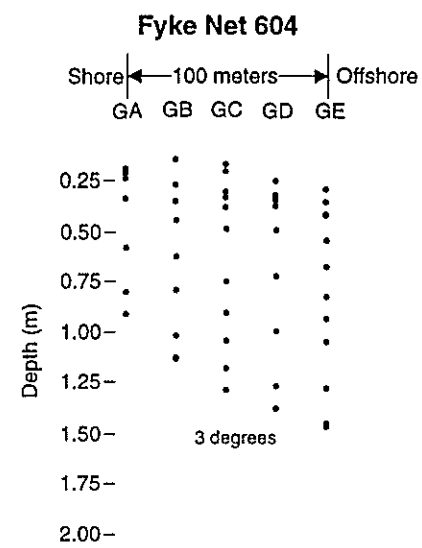
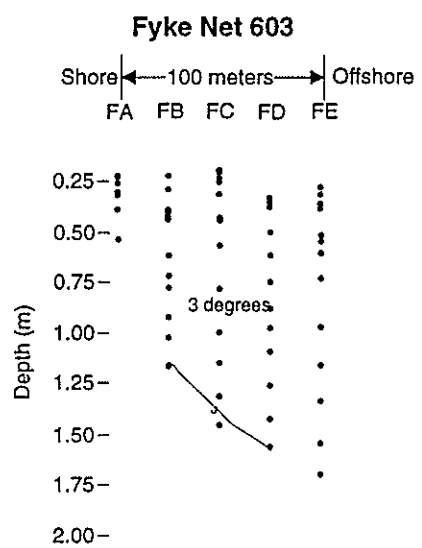
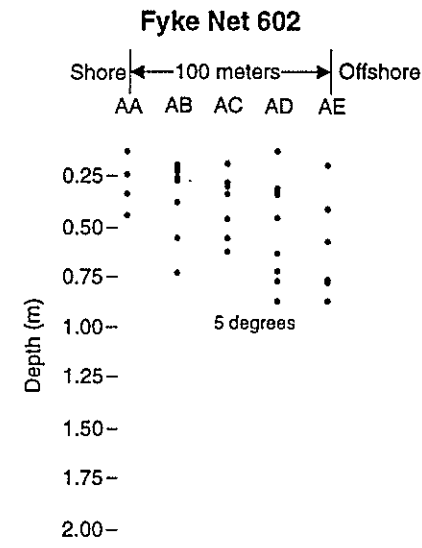
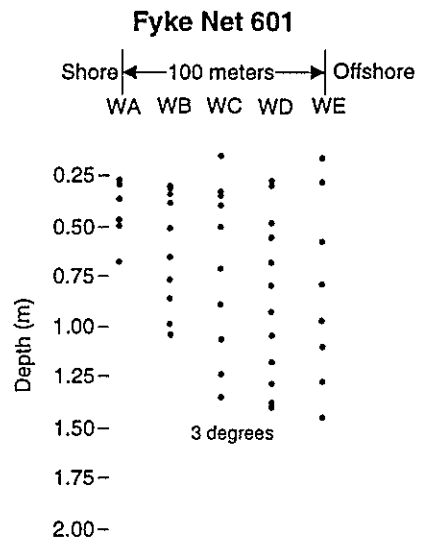
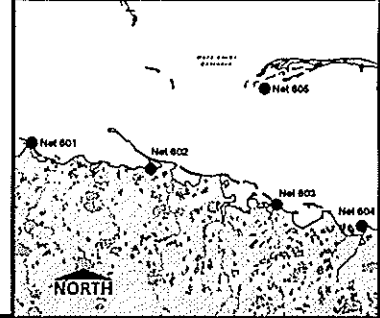
**PT. THOMSON  
UNIT**

**FIGURE H-20**

**1999 Physical  
Oceanography**

**August 26, 1999  
Temperature  
(Celsius)  
Surf Zone  
Transects**

Notes:  
Base map was digitized from  
USGS 1:63360 Topographic Map  
by BPXA Cartography.



**APPENDIX I**

**1999 Physical Oceanography/  
Meteorology Sample Locations**

**Appendix I**  
**1999 Physical Oceanography/Meteorology Sample Locations**

Station ID	Latitude (degrees) <sup>1</sup>	Longitude (degrees) <sup>1</sup>
Meteorology Station	N 70.16533	W 146.20933
Camp	N 70.17156	W 146.25820
Net W (Net 601)	N 70.18251	W 146.39073
Net A (Net 602)	N 70.17667	W 146.30240
Old NetA (Net 602)	N 70.18440	W 146.32993
Net F (Net 603)	N 70.16706	W 146.20928
Net G (Net 604)	N 70.16128	W 146.14606
Net N (Flaxman Is.)	N 70.19687	W 146.21700
99A0	N 70.18631	W 146.33013
99A1	N 70.18995	W 146.32838
99A2	N 70.19250	W 146.32667
99A3	N 70.19722	W 146.32306
99A4	N 70.20417	W 146.32167
99B1	N 70.18048	W 146.30671
99B2	N 70.18248	W 146.30473
99B3	N 70.18465	W 146.30251
99B4	N 70.18849	W 146.29881
99B5	N 70.19457	W 146.29338
99B6	N 70.19933	W 146.28919
99C1	N 70.17864	W 146.28993
99C2	N 70.18064	W 146.28770
99C3	N 70.18281	W 146.28598
99C4	N 70.18467	W 146.27633
99C5	N 70.19150	W 146.26967
99C6	N 70.19983	W 146.26750
99D1	N 70.17639	W 146.27117
99D2	N 70.17864	W 146.26895
99D3	N 70.18039	W 146.26722
99D4	N 70.18390	W 146.26425
99D5	N 70.18890	W 146.25957
99D6	N 70.19541	W 146.25364
99E1	N 70.17389	W 146.23735
99E2	N 70.17606	W 146.23587
99E3	N 70.17883	W 146.23417
99E4	N 70.18867	W 146.23067
99E5	N 70.19283	W 146.22733

<sup>1</sup> Position coordinates are based on the North America Datum of 1983 (NAD83).