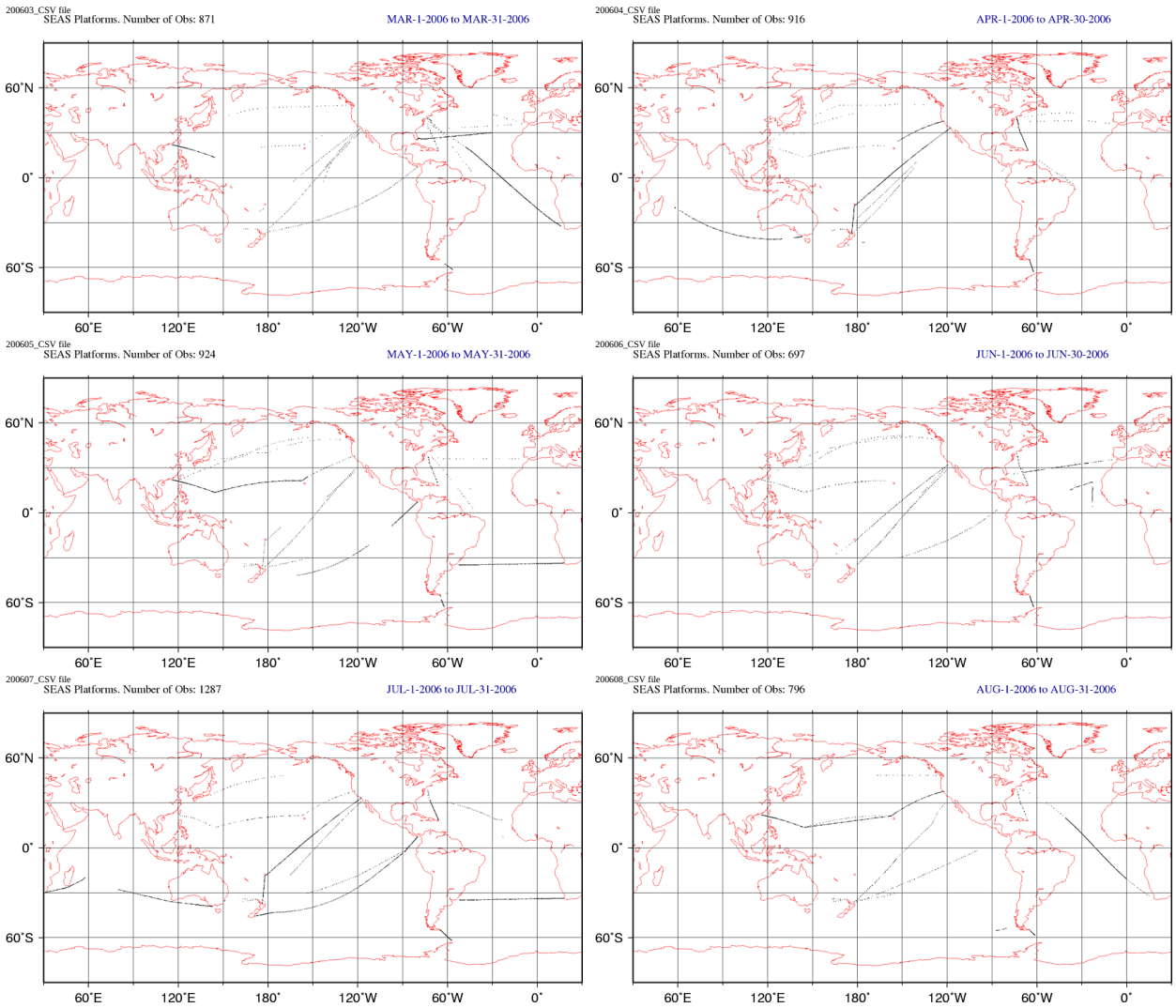
GOOS OPERATIONS: SEAS TRANSMISSIONS

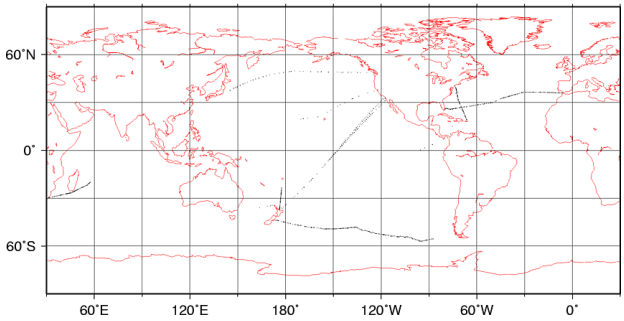
Report Date: FEB 2007

# GOOS Operations: XBT Program

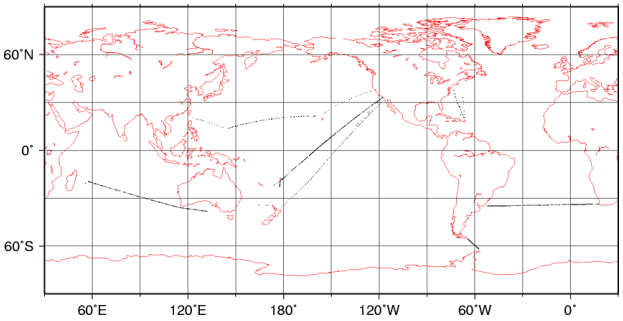
PDF file



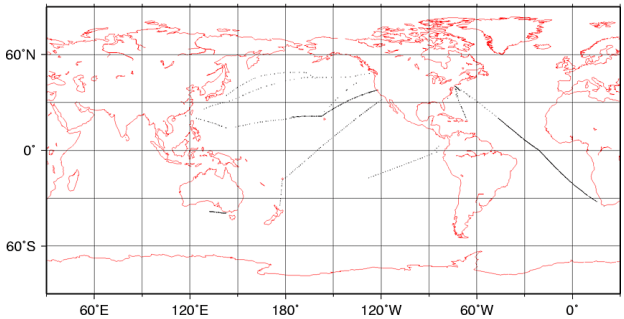
200609_CSV file
SEAS Platforms. Number of Obs: 679 SEP-1-2006 to SEP-30-2006



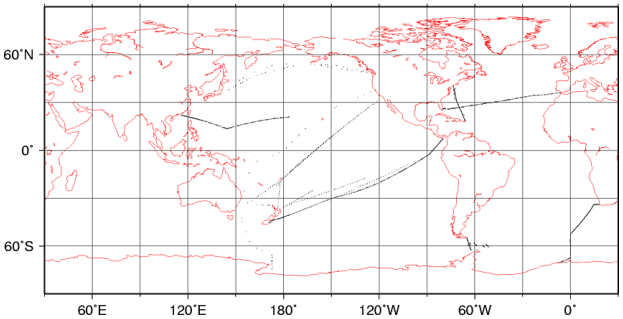

200610_CSV file
SEAS Platforms. Number of Obs: 841 OCT-1-2006 to OCT-31-2006



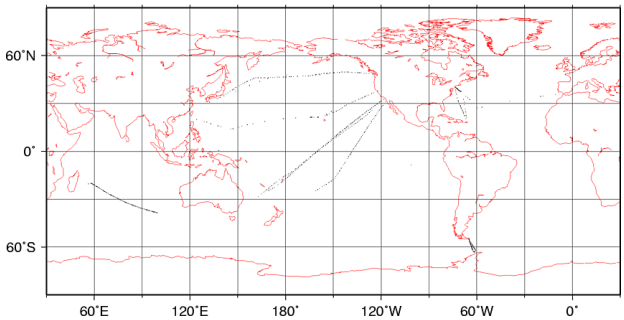

200611_CSV file
SEAS Platforms. Number of Obs: 753 NOV-1-2006 to NOV-30-2006



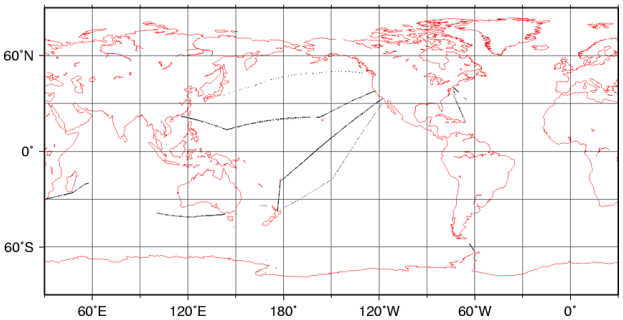

200612_CSV file
SEAS Platforms. Number of Obs: 1405 DEC-1-2006 to DEC-31-2006




200701_CSV file
SEAS Platforms. Number of Obs: 595 JAN-1-2007 to JAN-31-2007




200702_CSV file
SEAS Platforms. Number of Obs: 1051 FEB-1-2007 to FEB-28-2007



**Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS:**

| **Ship Name** | **Call sign** | **Route** | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2007 | 2007 | **TOTAL** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | |
| DIRECT CONDOR | A8AL3 | PX13 | 95 | 89 | 90 | 114 | 54 | 86 | 96 | 78 | | 77 | 109 | 82 | **970** |
| | | PX83 | 4 | 7 | 11 | | 10 | 12 | 4 | 3 | | 17 | 10 | 4 | **82** |
| MAERSK AUCKLAND | A8AU6/A8ES9 | PX31 | 39 | 194 | 11 | 115 | 180 | | | 230 | 70 | 72 | 91 | 241 | **1243** |
| | | PX06 | | 68 | 15 | | 61 | | 44 | 18 | 11 | 14 | | 68 | **299** |
| PO NEDLLOYD PALLISER | DAWC | PX08 | | | | | | | | | 33 | 65 | 1 | | **99** |
| CAP VICTOR | DCFH2 | PX31 | | | | | | 2 | | | | | | | **2** |
| | | PX08 | 87 | 2 | 17 | 56 | 61 | 75 | 9 | | | | | | **307** |
| HONG KONG EXPRESS | DGOS | AX07 | | | | 95 | | | | | | | | | **95** |
| SAFMARINE GONUBIE | DGVB | AX08 | | | | | | 214 | | | 274 | | | | **488** |
| MAERSK DENTON | DNIC | PX08 | | 10 | 133 | | 245 | | | | | 256 | | | **644** |
| CAP SAN ANTONIO | ELZU6 | AX29 | 22 | 21 | 18 | | | | | | | | | | **61** |
| MSC DIDEM | H8VZ | IX15 | | 113 | | | 73 | | | 119 | | | 94 | 38 | **437** |
| | | IX20 | | | | | | | | 1 | | | 1 | | **2** |
| | | IX31 | | 56 | | | 74 | | | 35 | 37 | | | 75 | **277** |
| EVER GAINING | HPCL | AX18 | | 3 | 174 | | 171 | | 2 | 168 | | | | | **518** |
| HORIZON HAWAII | KIRF | AX10 | 23 | 96 | 34 | 40 | 75 | 29 | 69 | 36 | 34 | 139 | 30 | 43 | **648** |
| HORIZON ENTERPRISE | KRGB | PX10 | 12 | 13 | 121 | 29 | 30 | 118 | 4 | 32 | 39 | 86 | 10 | 110 | **604** |
| | | PX26 | 26 | 17 | 36 | 34 | 25 | 16 | 36 | | 46 | 14 | 14 | | **264** |
| | | PX37 | 4 | 69 | 12 | | 20 | 81 | 10 | 16 | 81 | 6 | 2 | 84 | **385** |
| | | PX44 | 92 | 11 | 93 | 17 | 13 | 85 | | | 12 | 95 | 7 | 87 | **512** |
| SA SEDERBERG | ONAT | IX21 | | | | | 83 | | 74 | | | | | | **157** |
| MAERSK CONSTANTIA | ONAV | IX21 | | | | | | | | | | 11 | | 82 | **93** |
| OLEANDER | PJJU | AX32 | 9 | | | | | | | | 21 | | 25 | 18 | **73** |
| CAP MATATULA | PJVC | PX18 | 9 | | | | | | | | | | | | **9** |
| YUZHMORGEOLOGIYA | UBSZ | AX22 | 16 | | | | | | | | | 26 | | 22 | **64** |
| | | N/A | | | | | | | | | | 31 | 31 | | **62** |
| SEA-LAND LIBERATOR | V7IQ2 | AX08 | 271 | | | | | | | | | | | | **271** |
| ENTERPRISE | WAUY | AX07 | 3 | | | | | | | | | | | | **3** |
| NATHANIEL B. PALMER | WBP3210 | AX22 | | | | | 66 | | | | | | | | **66** |
| | | N/A | | | | | | 13 | 182 | | | | | | **195** |
| LAURENCE M.GOULD | WCX7445 | AX22 | | 74 | 42 | 49 | | 26 | | 55 | | 67 | 65 | | **378** |
| DELAWARE BAY | WMLG | AX04 | 18 | 26 | 16 | | | | | | | | | | **60** |
| HORIZON PACIFIC | WSRL | PX10 | | 23 | 12 | 20 | 9 | 31 | | 34 | 30 | | 5 | 37 | **201** |
| | | PX26 | | 23 | 47 | 44 | | 1 | | | 34 | 25 | 67 | 43 | **284** |
| | | PX37 | | | 24 | | | | | | 15 | 1 | 26 | | **66** |
| | | PX44 | | | 13 | 11 | | 7 | | 14 | 7 | 6 | | 11 | **69** |
| LYKES CHALLENGER | ZCDJ3 | AX07 | | | | | | | 149 | | | 23 | | | **172** |
| CP HERMOSILLO | ZCDJ5 | AX07 | 139 | | | | | | | | | | | | **139** |
| TMM SINALOA | ZCDJ6 | AX07 | | | | | | | | | | 164 | 6 | | **170** |
| S.A. AGULHAS | ZSAF | AX25 | | | | | | | | | | 184 | | | **184** |
| **OTHER** | | | | | | | | | | | | | | | |
| MIRAI | JNSR | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | **1** |
| POLAR SEA | NRUO | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 25 | 0 | 6 | **40** |
| RONALD H. BROWN | WTEC | | 0 | 0 | 1 | 67 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **103** |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 02000 | | 1 | 1 | 3 | 6 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | **16** |
| | 02001 | | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **2** |
| **TOTAL** | | | **871** | **916** | **924** | **697** | **1287** | **796** | **679** | **841** | **753** | **1405** | **595** | **1051** | **10815** |

**Line-by-line details of monthly XBT observations transmitted via SEAS:**

| **Transects per year: FR/HD** | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Route** | **Target_Year** | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2007 | 2007 | **TOTAL** |
| | **18/4** | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | |
| AX04 | 4/0 | 18 | 26 | 16 | | | | | | | | | | **60** |
| AX07 | 2/2 | 142 | | | 95 | | | 149 | | | 187 | | | **573** |
| AX08 | 0/2 | 271 | | | | | 214 | | | 274 | | | | **759** |
| AX10 | 48/4 | 23 | 96 | 34 | 40 | 75 | 29 | 69 | 36 | 34 | 139 | | | **575** |
| AX18 | 0/3 | | 3 | 174 | | 171 | | 2 | 168 | | | | | **518** |
| AX22 | 0/7 | 16 | 74 | 42 | 49 | 66 | 26 | | 55 | | 93 | | | **421** |
| AX25 | 0/1 | | | | | | | | | | 184 | | | **184** |
| AX29 | 4/0 | 22 | 21 | 18 | | | | | | | | | | **61** |
| AX32 | 3/4 | 9 | | | | | | | | 21 | | | | **30** |
| AX34 | / | | | | | | | | | | | | | **0** |
| IX15 | 0/4 | | 113 | | | 73 | | | 119 | | | | | **305** |
| IX20 | 2/0 | | | | | | | | 1 | | | | | **1** |
| IX21 | 0/2 | | | | | 83 | | 74 | | | 11 | | | **168** |
| IX31 | 0/4 | | 56 | | | 74 | | | 35 | 37 | | | | **202** |
| PX06 | 3/4 | | 68 | 15 | | 61 | | 44 | 18 | 11 | 14 | | | **231** |
| PX08 | 5/3 | 87 | 12 | 150 | 56 | 306 | 75 | 9 | | 33 | 321 | | | **1049** |
| PX10 | 8/4 | 12 | 36 | 133 | 49 | 39 | 149 | 4 | 66 | 69 | 86 | | | **643** |
| PX13 | 17/0 | 95 | 89 | 90 | 114 | 54 | 86 | 96 | 78 | | 77 | | | **779** |
| PX18 | 1/0 | 9 | | | | | | | | | | | | **9** |
| PX26 | 9/0 | 26 | 40 | 83 | 78 | 25 | 17 | 36 | | 80 | 39 | | | **424** |
| PX31 | 9/4 | 39 | 194 | 11 | 115 | 180 | 2 | | 230 | 70 | 72 | | | **913** |
| PX37 | 7/4 | 4 | 69 | 36 | | 20 | 81 | 10 | 16 | 96 | 7 | | | **339** |
| PX44 | 8/5 | 92 | 11 | 106 | 28 | 13 | 92 | | 14 | 19 | 101 | | | **476** |
| PX83 | 15/0 | 4 | 7 | 11 | | 10 | 12 | 4 | 3 | | 17 | | | **68** |
| **N/A** | | 2 | 1 | 5 | 73 | 37 | 13 | 182 | 2 | 9 | 57 | | | |
| **TOTAL** | | **871** | **916** | **924** | **697** | **1287** | **796** | **679** | **841** | **753** | **1405** | **595** | **1051** | |

**Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS. Details per mode of deployment:**

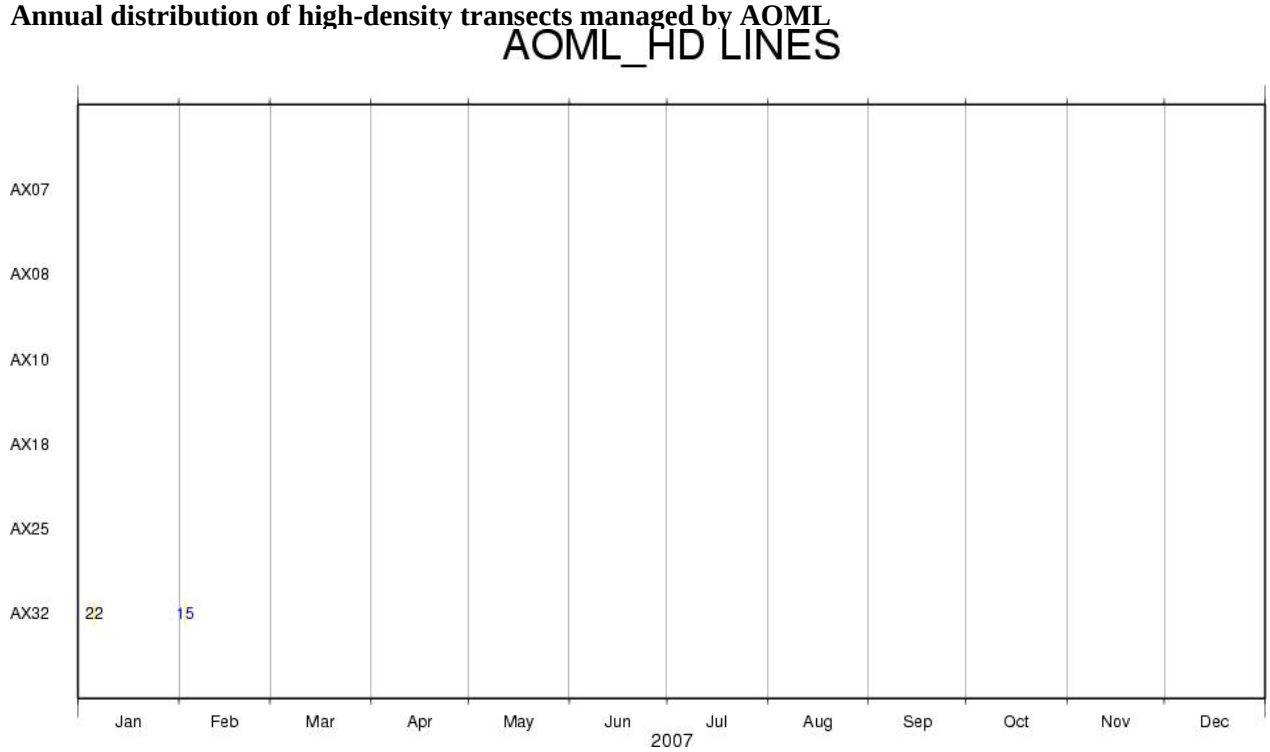
| **Ship Name** | **Call sign** | **Route** | **Type** | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2007 | 2007 | **TOTAL** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | |
| DIRECT CONDOR | A8AL3 | PX13 | FR | 95 | 89 | 90 | 114 | 54 | 86 | 96 | 78 | | 77 | 109 | 82 | **970** |
| | | PX83 | FR | 4 | 7 | 11 | | 10 | 12 | 4 | 3 | | 17 | 10 | 4 | **82** |
| MAERSK AUCKLAND | A8AU6/A8ES9 | PX31 | FR | 39 | | 11 | 115 | | | | 55 | 70 | 72 | 91 | 47 | **500** |
| | | PX31 | HD | | 194 | | | 180 | | | 175 | | | | 194 | **743** |
| | | PX06 | FR | | | 15 | | | | | | 11 | 14 | | | **40** |
| | | PX06 | HD | | 68 | | | 61 | | 44 | 18 | | | | 68 | **259** |
| PO NEDLLOYD PALLISER | DAWC | PX08 | FR | | | | | | | | | 33 | 65 | 1 | | **99** |
| CAP VICTOR | DCFH2 | PX31 | FR | | | | | | 2 | | | | | | | **2** |
| | | PX08 | FR | 87 | 2 | 17 | 56 | 61 | 75 | 9 | | | | | | **307** |
| HONG KONG EXPRESS | DGOS | AX07 | HD | | | | 95 | | | | | | | | | **95** |
| SAFMARINE GONUBIE | DGVB | AX08 | HD | | | | | | 214 | | | 274 | | | | **488** |
| MAERSK DENTON | DNIC | PX08 | HD | | 10 | 133 | | 245 | | | | | 256 | | | **644** |
| CAP SAN ANTONIO | ELZU6 | AX29 | FR | 22 | 21 | 18 | | | | | | | | | | **61** |
| MSC DIDEM | H8VZ | IX15 | HD | | 113 | | | 73 | | | 119 | | | 94 | 38 | **437** |
| | | IX20 | FR | | | | | | | | 1 | | | 1 | | **2** |
| | | IX31 | HD | | 56 | | | 74 | | | 35 | 37 | | | 75 | **277** |
| EVER GAINING | HPCL | AX18 | HD | | 3 | 174 | | 171 | | 2 | 168 | | | | | **518** |
| HORIZON HAWAII | KIRF | AX10 | FR | 23 | 11 | 34 | 40 | 27 | 29 | 15 | 36 | 34 | 35 | 30 | 43 | **357** |
| | | AX10 | HD | | 85 | | | 48 | | 54 | | | 104 | | | **291** |
| HORIZON ENTERPRISE | KRGB | PX10 | FR | 12 | 13 | | 29 | 30 | | 4 | 32 | | | 10 | | **130** |
| | | PX10 | HD | | | 121 | | | 118 | | | 39 | 86 | | 110 | **474** |
| | | PX26 | FR | 26 | 17 | 36 | 34 | 25 | 16 | 36 | | 46 | 14 | 14 | | **264** |
| | | PX37 | FR | 4 | | | | 20 | | 10 | 16 | | 6 | 2 | | **58** |
| | | PX37 | HD | | 69 | 12 | | | 81 | | | 81 | | | 84 | **327** |
| | | PX44 | FR | | 11 | | 17 | 13 | | | | 12 | | 7 | | **60** |
| | | PX44 | HD | 92 | | 93 | | | 85 | | | | 95 | | 87 | **452** |
| SA SEDERBERG | ONAT | IX21 | HD | | | | | 83 | | 74 | | | | | | **157** |
| MAERSK CONSTANTIA | ONAV | IX21 | HD | | | | | | | | | | 11 | | 82 | **93** |
| OLEANDER | PJJU | AX32 | FR | | | | | | | | | 3 | | 3 | 3 | **9** |
| | | AX32 | HD | 9 | | | | | | | | 18 | | 22 | 15 | **64** |
| CAP MATATULA | PJVC | PX18 | FR | 9 | | | | | | | | | | | | **9** |
| YUZHMORGEOLOGIYA | UBSZ | AX22 | HD | 16 | | | | | | | | | 26 | | 22 | **64** |
| | | N/A | FR | | | | | | | | | | 31 | 31 | | **62** |
| SEA-LAND LIBERATOR | V7IQ2 | AX08 | HD | 271 | | | | | | | | | | | | **271** |
| ENTERPRISE | WAUY | AX07 | FR | 3 | | | | | | | | | | | | **3** |
| NATHANIEL B. PALMER | WBP3210 | AX22 | HD | | | | | 66 | | | | | | | | **66** |
| | | N/A | FR | | | | | | 13 | 182 | | | | | | **195** |
| LAURENCE M.GOULD | WCX7445 | AX22 | HD | | 74 | 42 | 49 | | 26 | | 55 | | 67 | 65 | | **378** |
| DELAWARE BAY | WMLG | AX04 | FR | 18 | 26 | 16 | | | | | | | | | | **60** |
| HORIZON PACIFIC | WSRL | PX10 | FR | | 23 | 12 | 20 | 9 | 31 | | 34 | 30 | | 5 | 37 | **201** |
| | | PX26 | FR | | 23 | 47 | 44 | | 1 | | | 34 | 25 | 67 | 43 | **284** |
| | | PX37 | FR | | | 24 | | | | | | 15 | 1 | 26 | | **66** |
| | | PX44 | FR | | | 13 | 11 | | 7 | | 14 | 7 | 6 | | 11 | **69** |
| LYKES CHALLENGER | ZCDJ3 | AX07 | HD | | | | | | | 149 | | | 23 | | | **172** |
| CP HERMOSILLO | ZCDJ5 | AX07 | HD | 139 | | | | | | | | | | | | **139** |
| TMM SINALOA | ZCDJ6 | AX07 | FR | | | | | | | | | | | 6 | | **6** |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AX07 | HD | | | | | | | | | | 164 | | | **164** |
| S.A. AGULHAS | ZSAF | AX25 | HD | | | | | | | | | | 184 | | | **184** |
| **OTHER** | | | | | | | | | | | | | | | | |
| MIRAI | JNSR | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | **1** |
| POLAR SEA | NRUO | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 25 | 0 | 6 | **40** |
| RONALD H. BROWN | WTEC | | | 0 | 0 | 1 | 67 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **103** |
| | 02000 | | | 1 | 1 | 3 | 6 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | **16** |
| | 02001 | | | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **2** |
| **TOTAL** | | | | **871** | **916** | **924** | **697** | **1287** | **796** | **679** | **841** | **753** | **1405** | **595** | **1051** | **10815** |

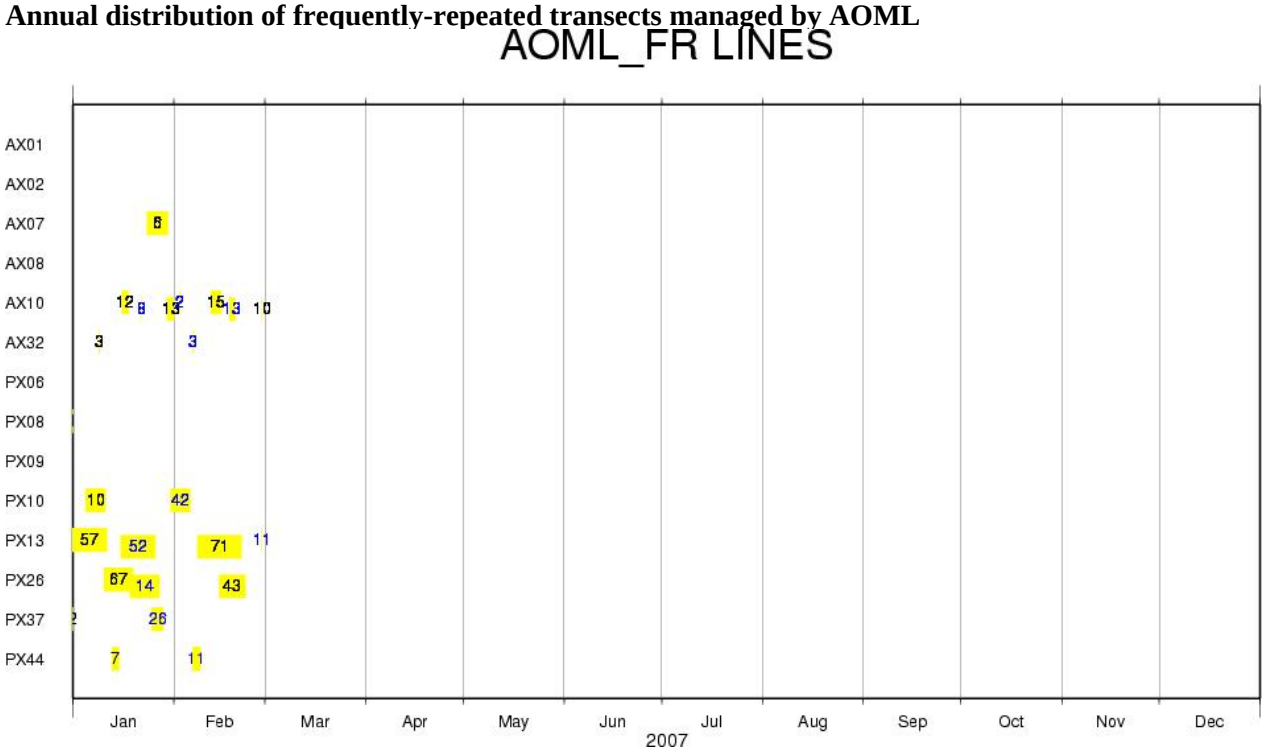
**Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD**

| **Transects per year: FR/HD** | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Route** | **Target_Year** | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2006 | 2007 | 2007 | **TOTAL** |
| | **18/4** | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | |
| AX04 | 4/0 | 18/ | 26/ | 16/ | / | / | / | / | / | / | / | / | / | **60/0** |
| AX07 | 2/2 | 3/139 | / | / | /95 | / | / | /149 | / | / | /187 | / | / | **3/570** |
| AX08 | 0/2 | /271 | / | / | / | / | /214 | / | / | /274 | / | / | / | **0/759** |
| AX10 | 48/4 | 23/ | 11/85 | 34/ | 40/ | 27/48 | 29/ | 15/54 | 36/ | 34/ | 35/104 | / | / | **284/291** |
| AX18 | 0/3 | / | /3 | /174 | / | /171 | / | /2 | /168 | / | / | / | / | **0/518** |
| AX22 | 0/7 | /16 | /74 | /42 | /49 | /66 | /26 | / | /55 | / | /93 | / | / | **0/421** |
| AX25 | 0/1 | / | / | / | / | / | / | / | / | / | /184 | / | / | **0/184** |
| AX29 | 4/0 | 22/ | 21/ | 18/ | / | / | / | / | / | / | / | / | / | **61/0** |
| AX32 | 3/4 | /9 | / | / | / | / | / | / | / | 3/18 | / | / | / | **3/27** |
| AX34 | / | / | / | / | / | / | / | / | / | / | / | / | / | **0/0** |
| IX15 | 0/4 | / | /113 | / | / | /73 | / | / | /119 | / | / | / | / | **0/305** |
| IX20 | 2/0 | / | / | / | / | / | / | / | 1/ | / | / | / | / | **1/0** |
| IX21 | 0/2 | / | / | / | / | /83 | / | /74 | / | / | /11 | / | / | **0/168** |
| IX31 | 0/4 | / | /56 | / | / | /74 | / | / | /35 | /37 | / | / | / | **0/202** |
| PX06 | 3/4 | / | /68 | 15/ | / | /61 | / | /44 | /18 | 11/ | 14/ | / | / | **40/191** |
| PX08 | 5/3 | 87/ | 2/10 | 17/133 | 56/ | 61/245 | 75/ | 9/ | / | 33/ | 65/256 | / | / | **405/644** |
| PX10 | 8/4 | 12/ | 36/ | 12/121 | 49/ | 39/ | 31/118 | 4/ | 66/ | 30/39 | /86 | / | / | **279/364** |
| PX13 | 17/0 | 95/ | 89/ | 90/ | 114/ | 54/ | 86/ | 96/ | 78/ | / | 77/ | / | / | **779/0** |
| PX18 | 1/0 | 9/ | / | / | / | / | / | / | / | / | / | / | / | **9/0** |
| PX26 | 9/0 | 26/ | 40/ | 83/ | 78/ | 25/ | 17/ | 36/ | / | 80/ | 39/ | / | / | **424/0** |
| PX31 | 9/4 | 39/ | /194 | 11/ | 115/ | /180 | 2/ | / | 55/175 | 70/ | 72/ | / | / | **364/549** |
| PX37 | 7/4 | 4/ | /69 | 24/12 | / | 20/ | /81 | 10/ | 16/ | 15/81 | 7/ | / | / | **96/243** |
| PX44 | 8/5 | /92 | 11/ | 13/93 | 28/ | 13/ | 7/85 | / | 14/ | 19/ | 6/95 | / | / | **111/365** |
| PX83 | 15/0 | 4/ | 7/ | 11/ | / | 10/ | 12/ | 4/ | 3/ | / | 17/ | / | / | **68/0** |
| **N/A** | | 2 | 1 | 5 | 73 | 37 | 13 | 182 | 2 | 9 | 57 | | | |

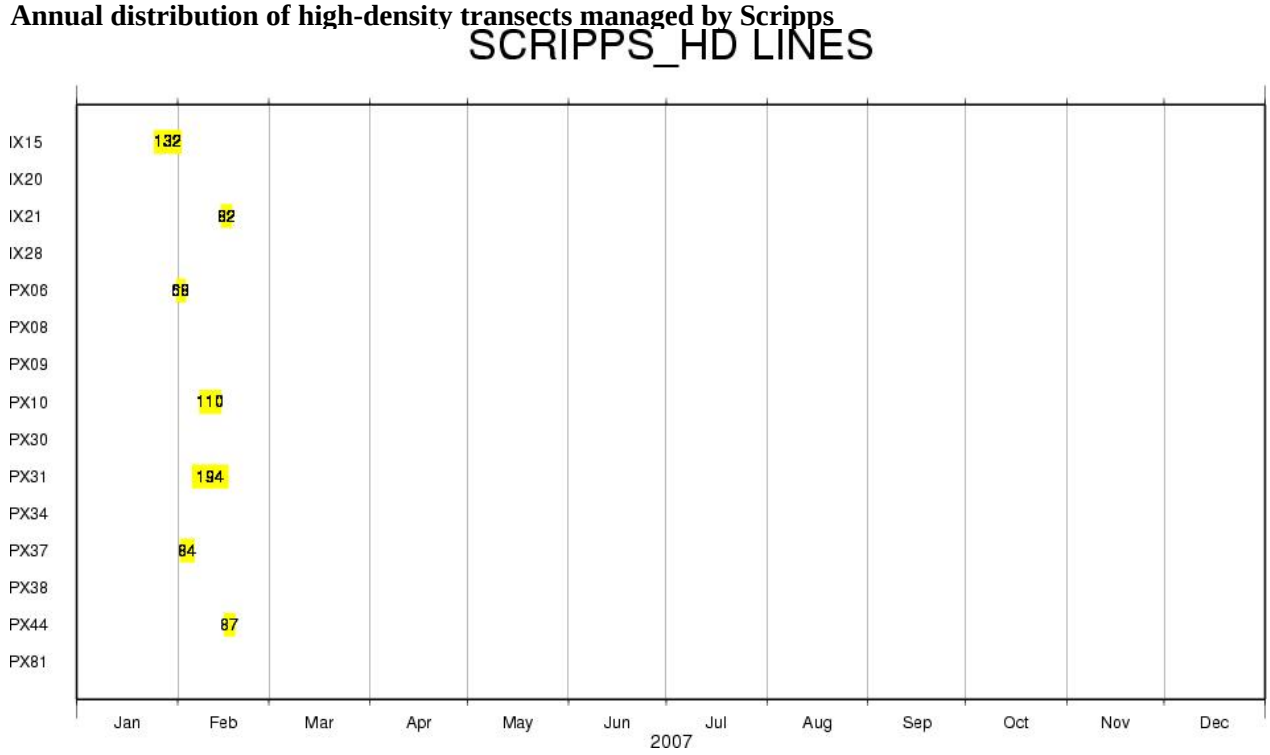
**Annual distribution of high-density transects managed by AOML**



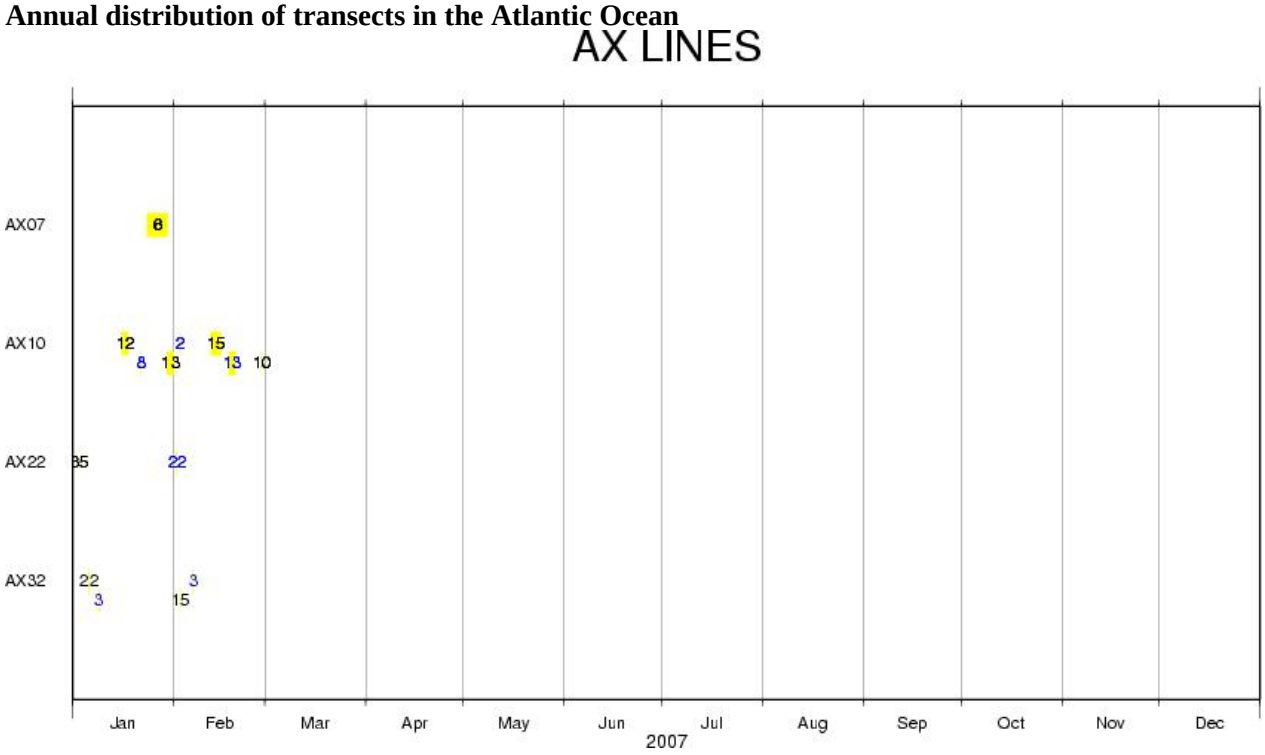
**Annual distribution of frequently-repeated transects managed by AOML**



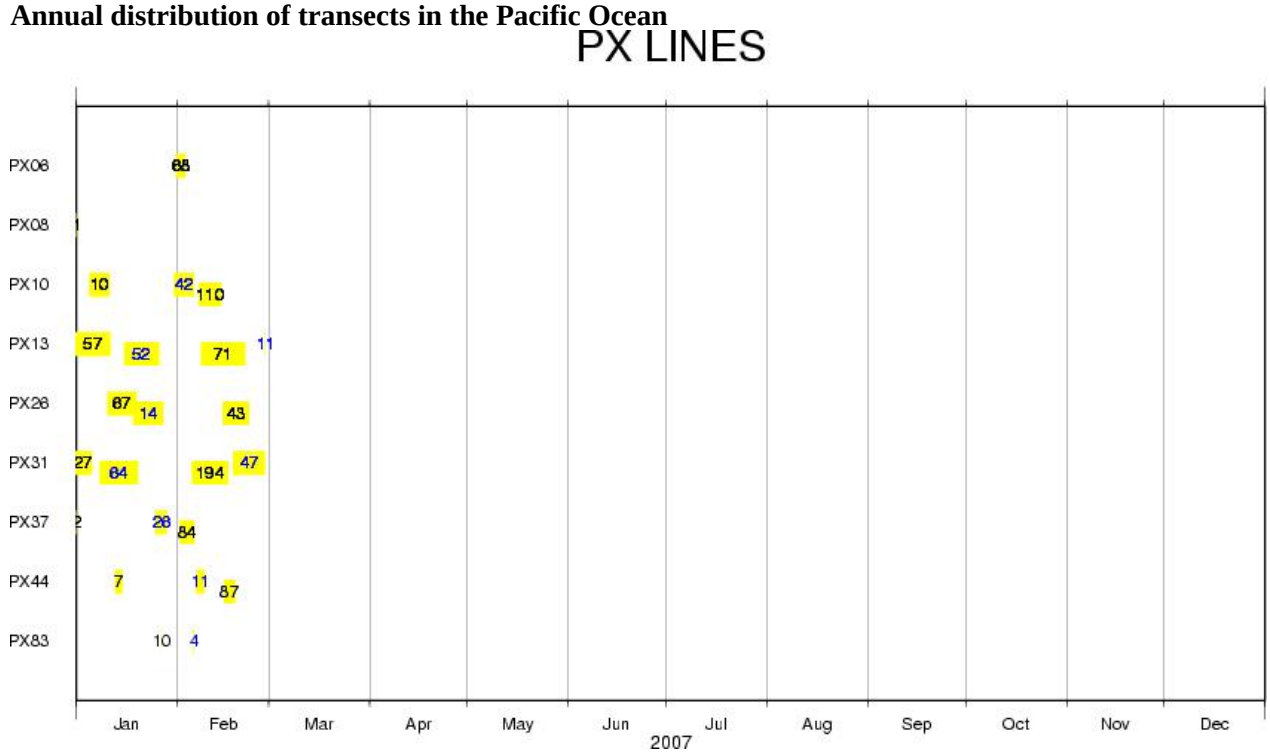
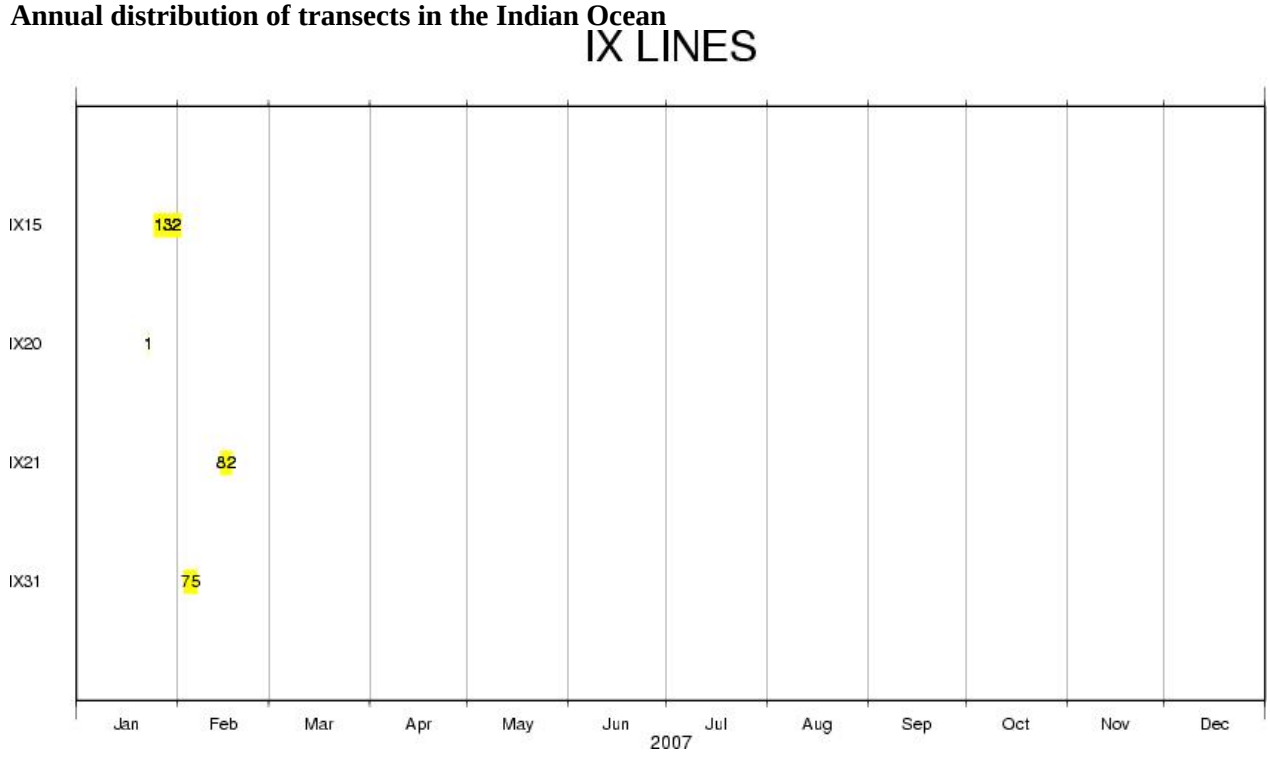
**Annual distribution of high-density transects managed by Scripps**



**Annual distribution of transects in the Atlantic Ocean**



**Annual distribution of transects in the Pacific Ocean**



**Annual distribution of transects in the Indian Ocean**