

付録 A 付 表

付表A5-1 パキスタン魚種別海産魚およびエビ類漁獲高
(1976~1978年)

(単位：トン)

| 種 類 | 1976 | 1977 | 1978 |
|-----------|---------|---------|---------|
| オキサワラ | 3,731 | 5,512 | 6,003 |
| マナガツオ | 4,405 | 6,053 | 3,919 |
| ツバメコノシロ | 645 | 489 | 568 |
| スズキ類 | 583 | 680 | 644 |
| ニシン | 9,545 | 9,129 | 4,813 |
| マグロ | 13,575 | 12,129 | 7,066 |
| ハタ | 9,115 | 8,000 | 12,127 |
| ホンミンゾイサキ | 3,960 | 3,669 | 2,479 |
| ベルシャチヌ | 2,478 | 2,215 | 2,416 |
| アジ類 | 6,083 | 7,598 | 5,477 |
| スジフエダイ | 2,048 | 2,385 | 2,241 |
| スギ | 965 | 890 | 1,282 |
| コモンハタ | 354 | 792 | 1,183 |
| クロウシノシタ | 917 | 910 | 1,015 |
| オオサカハマギギ | 16,616 | 28,642 | 24,099 |
| キス | 321 | 580 | 248 |
| イワシ | 5,739 | 13,729 | 71,365 |
| ボラ | 4,931 | 8,768 | 7,647 |
| サイトウオキイワシ | 3,390 | 5,625 | 2,318 |
| フカ | 22,347 | 34,317 | 30,913 |
| エイ | 17,993 | 29,812 | 41,035 |
| その他 | 25,153 | 32,769 | 9,549 |
| エビ | 21,995 | 19,896 | 19,177 |
| イセエビ | 279 | 227 | 222 |
| 合 計 | 177,168 | 234,816 | 257,806 |

出典：「パキスタン漁業統計ハンドブック」1977年版および1978年版，パキスタン政府漁業庁

付表 A 5 - 2 パキスタン全国漁獲高の推移
(1959~1978年)

(単位：トン)

| 年 | 海面漁業 | | | 内水面漁業 | 合計 |
|-------|------------------------|--------------------|---------|---------|---------|
| | Karachiおよび Sindh州沿岸 | Baluchistan 州沿岸 | 合計 | | |
| 1959 | 35,561 | 15,707 | 51,268 | 18,000 | 69,268 |
| 1960 | 45,824 | 16,333 | 62,157 | 18,500 | 80,657 |
| 1961 | 48,410 | 16,469 | 64,879 | 19,000 | 83,879 |
| 1962 | 50,179 | 16,787 | 66,966 | 19,800 | 86,766 |
| 1963 | 58,074 | 17,150 | 75,224 | 20,100 | 95,324 |
| 1964 | 66,104 | 17,331 | 83,435 | 21,000 | 104,435 |
| 1965 | 72,138 | 17,694 | 89,832 | 22,000 | 111,832 |
| 1966 | 100,494 | 18,148 | 118,642 | 22,550 | 141,192 |
| 1967 | 97,945 | 18,711 | 116,656 | 23,290 | 139,946 |
| 1968 | 98,417 | 19,173 | 117,590 | 28,000 | 145,590 |
| 1969 | 100,667 | 35,151 | 135,818 | 28,220 | 164,038 |
| 1970 | 102,418 | 37,385 | 139,803 | 18,740 | 158,543 |
| 1971 | 101,955 | 35,316 | 137,271 | 18,028 | 155,299 |
| 1972 | 131,741 | 41,481 | 173,222 | 18,022 | 191,244 |
| 1973 | 158,892 | 37,722 | 196,614 | 17,617 | 214,231 |
| 1974 | 110,220 | 39,790 | 150,010 | 19,092 | 169,102 |
| 1975 | 113,000 | 41,124 | 154,124 | 20,015 | 174,139 |
| 1976※ | 127,795 | 49,373 | 177,168 | 28,491 | 205,659 |
| 1977※ | 165,968 | 68,848 | 234,816 | 33,138 | 267,954 |
| 1978※ | 189,460 | 68,346 | 257,806 | 35,223 | 293,029 |
| | (6.47%) | (23.3%) | (88.0%) | (12.0%) | (100%) |

※の年は漁業者自家消費量を含む

出典：「パキスタン漁業統計ハンドブック」1978年版，パキスタン政府漁業庁

付表 A 5 - 3 漁獲高の食用および非食用別構成

(単位：トン)

| 品目および構成 | 1976 | 1977 | 1978 |
|------------|---------------|---------------|---------------|
| 合計 | 205,659(100%) | 267,954(100%) | 293,029(100%) |
| 1) 食用 | 127,056(61.8) | 151,309(56.5) | 142,029(48.5) |
| a) 魚類 | 106,382(51.7) | 132,844(49.6) | 124,630(42.5) |
| b) エビ類 | 20,674(10.1) | 18,465(6.9) | 17,399(6.0) |
| 2) 非食用 | 78,603(38.2) | 116,645(43.5) | 151,000(51.5) |
| a) 魚類(くず) | 77,003(37.4) | 114,595(42.8) | 149,000(50.8) |
| b) エビ類(くず) | 1,600(0.8) | 2,050(0.7) | 2,000(0.7) |
| 1) 魚類 | 183,385(100) | 247,439(100) | 273,630(100) |
| a) 食用 | 106,382(58.0) | 132,844(53.7) | 124,630(45.5) |
| b) 非食用 | 77,003(42.0) | 114,595(46.3) | 149,000(54.5) |
| 2) エビ類 | 22,274(100) | 20,515(100) | 19,399(100) |
| a) 食用 | 20,674(92.8) | 18,465(90) | 17,399(90) |
| b) 非食用 | 1,600(7.2) | 2,050(10) | 2,000(10) |

出典：「パキスタン漁業統計ハンドブック」1977年版および1978年版，パキスタン政府漁業庁

付表 A 5 - 4 水産物の処理方法
(1976~1978年)

(単位：トン)

| 処理方法 | 海面漁業 | | | | | | | | 内水面漁業 | | | | 合計 | | | | |
|---------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|--------|--------|--------|---------|---------|---------|------|------|------|------|------|
| | KarachiおよびSindh沿岸 | | | | Baluchistan沿岸 | | | | 1976 | 1977 | 1978 | 1976 | 1977 | 1978 | 1976 | 1977 | 1978 |
| | 1976 | 1977 | 1978 | 1978 | 1976 | 1977 | 1978 | 1978 | | | | | | | | | |
| 合計 | 127,795 (100%) | 165,968 (100%) | 189,460 (100%) | 49,373 (100%) | 68,848 (100%) | 68,346 (100%) | 28,491 | 33,138 | 35,223 | 205,559 | 267,954 | 293,029 | | | | | |
| 鮮魚のまま市場出荷 (地元消費) | 22,300 (17.5) | 23,900 (14.4) | 25,009 (13.2) | 5,352 (10.8) | 15,542 (22.6) | 16,120 (23.6) | 21,191 | 25,558 | 27,126 | 48,843 | 65,000 | 68,255 | | | | | |
| 冷凍・冷蔵 | 8,530 (6.7) | 7,520 (4.5) | 5,586 (2.9) | 4,051 (8.2) | 5,330 (8.0) | 2,037 (3.0) | - | - | - | 12,581 | 13,050 | 7,623 | | | | | |
| 缶詰 | 8,055 (6.3) | 6,715 (4.1) | 7,415 (3.9) | - | - | - | - | - | - | 8,055 | 6,715 | 7,415 | | | | | |
| 乾燥 | 7,960 (6.2) | 6,810 (4.1) | 4,550 (2.4) | 2,851 (5.78) | 31,807 (46.2) | 24,818 (36.3) | - | - | - | 36,477 | 38,617 | 29,368 | | | | | |
| 魚粉 | 70,950 (55.5) | 110,223 (66.4) | 136,000 (71.8) | 7,653 (15.5) | 64,222 (9.3) | 15,000 (21.9) | - | - | - | 78,603 | 116,645 | 151,000 | | | | | |
| その他 | - | - | - | - | 5,047 (7.3) | 7,121 (10.4) | - | - | - | - | 5,047 | 7,121 | | | | | |
| 漁業者自家消費 | 10,000 (7.8) | 10,800 (6.5) | 10,900 (5.8) | 3,800 (7.7) | 4,500 (6.6) | 3,250 (4.8) | 7,300 | 7,580 | 8,097 | 21,100 | 22,880 | 22,247 | | | | | |

出典：「パキスタン漁業統計ハンドブック」1977年版および1978年版，パキスタン政府漁業庁

付表A5-5 全漁獲高に占める地元消費量と輸出向け期待量との構成比

(1976~1978年)

(単位：トン)

| 地 域 | 全 漁 獲 高 | | | 地 元 消 費 量 | | | 輸 出 向 け 期 待 量 | | |
|----------------------|-------------------|-------------------|-------------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| | 1976 | 1977 | 1978 | 1976 | 1977 | 1978 | 1976 | 1977 | 1978 |
| 全 国 | (100%) 205,659 | (100%) 267,954 | (100%) 293,029 | (44%) 91,243 | (52%) 141,416 | (60%) 176,842 | (55%) 114,416 | (47%) 126,538 | (39%) 116,187 |
| 海面漁業 | 177,168 | 234,816 | 257,806 | 62,752 | 108,278 | 141,619 | 114,416 | 126,538 | 116,187 |
| i) KarachiおよびSind州沿岸 | 127,795 | 165,968 | 189,460 | *53,600 | *80,188 | *82,928 | 74,195 | 85,780 | 106,532 |
| ii) Baluchistan州沿岸 | 49,373 | 68,848 | 68,346 | 9,152 | 28,090 | 58,691 | 40,221 | 40,758 | 9,655 |
| 内水面漁業 | 28,491 | 33,138 | 35,223 | 28,491 | 33,138 | 35,223 | — | — | — |

*は食用向けに市場に出荷される量および家禽用魚粉生産量を含む。

出典：「パキスタン漁業統計ハンドブック」1977年版および1978年版，パキスタン政府漁業庁

付表A5-6 漁船隻数の推移(1959~1978年)

(単位:隻)

| 年 | 海 面 漁 業 | | | | | | | | | | 内水面漁業 | | 合 計 | |
|------|--------------------|------|--------|----------|-------|----------------|------|--------|----------|-------|-------|-------|--------|-----|
| | KarachiおよびSindh州沿岸 | | | | | Baluchistan州沿岸 | | | | | 帆 船 | 合 計 | | |
| | トローラー | 刺網漁船 | 動力付帆 船 | 動力付帆 船小計 | 合 計 | トローラー | 刺網漁船 | 動力付帆 船 | 動力付帆 船小計 | 帆 船 | | | | 合 計 |
| | | | | | | | | | | | | | | |
| 1959 | 33 | 135 | — | 168 | 1,233 | — | 2 | — | 2 | 1,550 | 1,552 | 1,670 | 4,455 | |
| 1960 | 86 | 146 | — | 232 | 1,332 | — | 14 | — | 14 | 1,961 | 1,975 | 1,700 | 5,007 | |
| 1961 | 113 | 253 | — | 366 | 1,466 | — | 14 | — | 14 | 2,000 | 2,014 | 2,000 | 5,480 | |
| 1962 | 141 | 301 | — | 442 | 1,640 | 2 | 17 | — | 19 | 2,005 | 2,024 | 2,500 | 6,164 | |
| 1963 | 176 | 359 | — | 535 | 1,902 | 2 | 16 | — | 18 | 1,915 | 1,933 | 2,500 | 6,335 | |
| 1964 | 224 | 422 | — | 646 | 3,290 | 2 | 16 | — | 18 | 1,915 | 1,933 | 2,500 | 7,723 | |
| 1965 | 258 | 490 | — | 748 | 3,542 | 2 | 20 | — | 22 | 1,933 | 1,955 | 2,500 | 7,997 | |
| 1966 | 292 | 506 | — | 798 | 3,689 | 4 | 54 | — | 58 | 2,473 | 2,533 | 2,500 | 8,722 | |
| 1967 | 316 | 559 | — | 875 | 3,904 | 4 | 54 | — | 58 | 2,475 | 2,533 | 2,500 | 8,937 | |
| 1968 | 356 | 593 | — | 949 | 4,076 | 7 | 61 | — | 68 | 2,500 | 2,568 | 8,699 | 15,343 | |
| 1969 | 388 | 627 | — | 1,015 | 4,221 | 7 | 61 | — | 68 | 2,500 | 2,568 | 8,707 | 15,496 | |
| 1970 | 443 | 659 | — | 1,102 | 4,441 | — | 48 | — | 48 | 2,004 | 2,052 | 4,933 | 11,426 | |
| 1971 | 668 | 559 | — | 1,227 | 4,616 | — | 48 | — | 48 | 2,004 | 2,052 | 5,012 | 11,680 | |
| 1972 | 745 | 618 | — | 1,363 | 4,930 | — | 48 | — | 48 | 2,004 | 2,052 | 5,863 | 12,845 | |
| 1973 | 922 | 691 | — | 1,613 | 5,580 | — | 60 | — | 60 | 2,200 | 2,260 | 6,431 | 14,271 | |
| 1974 | 1,076 | 731 | — | 1,807 | 5,937 | — | 60 | — | 60 | 2,200 | 2,260 | 7,164 | 15,361 | |
| 1975 | 1,098 | 752 | 230 | 2,080 | 6,058 | — | 63 | — | 63 | 2,249 | 2,312 | 7,431 | 15,801 | |
| 1976 | 1,130 | 825 | 250 | 2,205 | 6,205 | — | 40 | 158 | 198 | 2,070 | 2,268 | 7,972 | 16,445 | |
| 1977 | 1,151 | 840 | 267 | 2,258 | 6,410 | — | 42 | 330 | 372 | 2,014 | 2,386 | 8,107 | 16,903 | |
| 1978 | 1,270 | 859 | 327 | 2,456 | 6,647 | — | 42 | 677 | 719 | 1,673 | 2,392 | 8,487 | 17,526 | |

出典:「パキスタン漁業統計ハンドブック」1978年版,パキスタン政府漁業庁

付表A5-7 パキスタンにおける水産物の輸出高

| | 重量(トン) | | 価額(1,000 ルピー) | | 平均単価(ルピー/kg) | |
|--------|-------------------|-------------------|--------------------|--------------------|--------------|------|
| | 1977 | 1978 | 1977 | 1978 | 1977 | 1978 |
| 甲殻類 | | | | | | |
| 冷凍エビ | 4,450 | 4,229 | 240,365 | 250,466 | 54.0 | 59.2 |
| エビ | 1,343 | 1,260 | 55,456 | 52,136 | 41.3 | 41.4 |
| 乾燥エビ | 256 | 232 | 5,175 | 6,867 | 20.2 | 29.6 |
| 燻製エビ | 2 | — | 77 | — | 38.5 | — |
| 冷凍イセエビ | 85 | 81 | 5,699 | 5,576 | 67.0 | 68.8 |
| 小計 | 6,136 (20.4%) | 5,802 (19.9%) | 306,772 (75.0%) | 315,045 (75.7%) | | |
| 魚類 | | | | | | |
| 塩乾燥 | 5,876 | 4,649 | 34,103 | 26,629 | 5.8 | 5.7 |
| 冷凍品 | 195 | 468 | 3,534 | 5,127 | 18.1 | 11.0 |
| 冷蔵品 | 105 | 41 | 1,467 | 435 | 14.0 | 10.6 |
| 塩蔵品 | 20 | — | 234 | — | 11.7 | — |
| 素乾品 | 5 | — | 80 | — | 16.0 | — |
| 小計 | 6,201 (20.6%) | 5,158 (17.7%) | 39,418 (9.6%) | 32,191 (7.7%) | | |
| 魚加工品 | | | | | | |
| 魚粉 | 17,264 | 17,801 | 49,187 | 48,230 | 2.8 | 2.7 |
| 魚はらわた | 175 | 207 | 6,255 | 12,342 | 35.7 | 59.6 |
| フカのひれ | 169 | 200 | 5,537 | 7,929 | 32.8 | 39.6 |
| その他加工品 | 106 | 18 | 1,921 | 613 | 18.1 | 34.1 |
| 小計 | 17,714 (59.0%) | 18,226 (62.4%) | 62,900 (15.4%) | 69,114 (16.6%) | | |
| その他 | | | | | | |
| 冷凍蛙脚 | ※ | — | 20 | — | | |
| 小計 | | | 20 (0.0%) | | | |
| 合計 | 30,051 (100%) | 29,186 (100%) | 409,110 (100%) | 416,350 (100%) | | |

出典：「パキスタン漁業統計ハンドブック」1978年版，パキスタン政府漁業庁

註：※印は少量

付表A5-8 水産物加工品の輸出
(1976~1978年)

| ブランドの種類 | 重量(トン) | | | 価額(1,000ルピー) | | |
|---------|--------|--------|--------|--------------|---------|---------|
| | 1976 | 1977 | 1978 | 1976 | 1977 | 1978 |
| 冷凍 | 5,302 | 4,730 | 4,778 | 273,819 | 249,618 | 261,169 |
| 缶詰 | 1,611 | 1,343 | 1,260 | 56,185 | 55,456 | 52,136 |
| 魚粉 | 11,025 | 17,264 | 17,801 | 22,597 | 49,187 | 48,230 |
| 合計 | 17,938 | 23,337 | 23,839 | 352,601 | 354,261 | 361,535 |

出典：「パキスタン漁業統計ハンドブック」1977年版および1978年版，パキスタン政府漁業庁

付表A5-9 種類別冷凍加工品の輸出高(1977年)

| 品目 | 重量(トン) | | 構成比 | | 価額(1,000ルピー) | | 構成比 | |
|------|--------|-------|-------|-------|--------------|---------|-------|-------|
| | 1977 | 1978 | 1977 | 1978 | 1977 | 1978 | 1977 | 1978 |
| エビ | 4,450 | 4,229 | 94.09 | 88.51 | 240,365 | 250,466 | 96.29 | 95.90 |
| イセエビ | 85 | 81 | 1.79 | 1.70 | 5,699 | 5,576 | 2.28 | 2.14 |
| 魚 | 195 | 468 | 4.12 | 9.79 | 3,534 | 5,127 | 1.43 | 1.96 |
| 蛙脚 | * | — | 0.00 | — | 20 | — | 0.00 | — |
| 合計 | 4,730 | 4,778 | 100 | 100 | 249,618 | 261,169 | 100 | 100 |

註：*印は量的に少ないことを示している。

出典：「パキスタン漁業統計ハンドブック」1978年版，パキスタン政府漁業庁

付表5-10 パキスタン水産品・加工品の輸出

| 輸 出 先 | 重 量 (ト ン) | | 価 額 (1,000ルピー) | |
|--|---|---|--|--|
| | 1977 | 1978 | 1977 | 1978 |
| 塩 乾 魚 スリ ラ ン カ クウ エ ー ト そ の 他 小 計 | 5,788 45 43 5,876 | 4,595 3 51 4,649 | 3,2237 381 1,485 34,103 | 25,676 30 923 26,629 |
| 冷 凍 魚 フ ラ ン ス 西 ド イ ツ ク ウ エ ー ト オ ー マ ン そ の 他 小 計 | 107 29 18 41 — 195 | 70 37 229 1 131 468 | 2,125 576 243 590 — 3,534 | 1,354 556 262 9 2,946 5,127 |
| 冷 凍 魚 日 エ ビ ア メ リ カ フ ラ ン ス イ ギ ン リ ホ ン コ そ の 他 小 計 | 3,659 430 114 54 87 106 4,450 | 3,501 181 233 45 59 210 4,229 | 211,355 17,389 2,393 2,372 1,806 5,050 240,365 | 226,466 5,943 4,682 1,897 1,077 10,401 250,466 |
| エ ビ 缶 フ ラ ン ス イ ギ ン リ 西 ド イ ツ そ の 他 小 計 | 488 357 195 303 1,343 | 472 289 218 281 1,260 | 21,028 13,704 7,944 12,820 55,496 | 18,753 11,491 9,301 12,591 52,136 |
| 乾 燥 魚 ド イ ツ イ ギ ン リ ホ ン コ ク ウ エ ー ト そ の 他 小 計 | 54 28 48 44 82 256 | — 15 28 69 120 232 | 972 850 829 781 1,743 5,175 | — 329 612 1,609 4,317 6,867 |
| 冷 凍 魚 ア メ リ カ フ ラ ン ス そ の 他 小 計 | 59 23 3 85 | 18 17 46 81 | 4,451 1,140 108 5,699 | 1,464 904 3,208 5,576 |
| 冷 蔵 魚 ク ウ エ ー ト そ の 他 小 計 | 105 — 105 | 31 10 41 | 1,467 — 1,467 | 228 207 435 |
| 魚 粉 西 ド イ ツ そ の 他 小 計 | 14,144 3,120 17,264 | 13,810 3,991 17,801 | 39,901 9,286 49,187 | 37,800 10,430 48,230 |
| 魚 油 ホ ン コ ソ ー の そ の 他 小 計 | 92 41 42 175 | 124 45 38 207 | 3,126 1,568 1,561 6,255 | 7,381 2,552 2,409 12,342 |
| フ カ ン 粉 ソ ー の ホ ン コ そ の 他 小 計 | 104 63 2 169 | 168 32 * 200 | 3,233 2,202 102 5,537 | 6,460 1,425 44 7,929 |

註※印は1トン未満

出典：「パキスタン漁業統計ハンドブック」1977年版および1978年版、パキスタン政府漁業庁

付表A5-11 水産物缶詰の国別輸出高
(1976~1978年)

| 輸 出 先 | 重 量 (トン) | | | 価 額 (1,000ルピー) | | |
|-----------|----------|-------|-------|----------------|--------|--------|
| | 1976 | 1977 | 1978 | 1976 | 1977 | 1978 |
| フランス | 656 | 488 | 472 | 24,699 | 21,028 | 18,753 |
| イギリス | 328 | 357 | 289 | 11,296 | 13,704 | 11,491 |
| 西ドイツ | 358 | 195 | 218 | 10,937 | 7,944 | 9,301 |
| オランダ | 134 | 94 | 158 | 4,539 | 3,817 | 6,864 |
| ベルギー | 35 | 65 | 43 | 1,333 | 2,885 | 1,832 |
| ニューージーランド | 27 | 41 | 24 | 1,252 | 2,048 | 1,150 |
| アメリカ | 29 | 41 | 12 | 759 | 1,706 | 1,034 |
| アフリカ | 19 | 31 | 16 | 507 | 1,032 | 507 |
| ギリシャ | 9 | 13 | 5 | 358 | 549 | 218 |
| アラブ首長国連邦 | 5 | — | * | 168 | — | 13 |
| イタリア | 4 | — | 8 | 139 | — | 338 |
| アブダビ | 3 | — | 3 | 55 | — | 122 |
| マルタ | 1 | — | 2 | 50 | — | 68 |
| オーストラリア | 1 | — | — | 39 | — | — |
| ドバイ | 1 | 13 | 9 | 33 | 474 | 371 |
| レソト | 1 | — | — | 21 | — | — |
| スペイン | — | 5 | — | — | 254 | — |
| サウジアラビア | — | * | 1 | — | 15 | 67 |
| 日 本 | — | — | — | — | — | 7 |
| 合 計 | 1,611 | 1,343 | 1,260 | 56,185 | 55,456 | 52,136 |

出典：「パキスタン漁業統計ハンドブック」1977年版および1978年版，パキスタン政府漁業庁

註：*印は少量

付表A5-12 魚粉の国別輸出高
(1976~1978年)

| 輸 出 先 | 重 量 (トン) | | | 価 額 (1,000ルピー) | | |
|-------|----------|--------|--------|----------------|--------|--------|
| | 1976 | 1977 | 1978 | 1976 | 1977 | 1978 |
| 西ドイツ | 5,680 | 14,144 | 13,810 | 9,108 | 39,901 | 37,800 |
| イラン | 5,318 | 1,820 | 1,059 | 13,418 | 4,637 | 2,889 |
| イタリア | — | 1,200 | 2,932 | — | 4,268 | 7,541 |
| クウェート | 27 | 100 | — | 71 | 381 | — |
| 合 計 | 11,025 | 17,264 | 17,801 | 22,597 | 49,187 | 48,230 |

出典：「パキスタン漁業統計ハンドブック」1977年および1978年版，パキスタン政府漁業庁

付表A5-13 Baluchistan州沿岸の水産物の流通経路
(1977年および1978年)

(単位:トン)

| 流通経路 | 年 | Gwadar | Jivani | Pasni | Ormara | Somiani | 合計 |
|----------------------------|------|--------|--------|--------|--------|---------|--------|
| スリランカへの塩乾魚の輸出 | 1977 | 1,647 | 976 | 1,857 | 2,159 | — | 6,639 |
| | 1978 | 1,463 | — | 1,291 | 1,597 | — | 4,351 |
| Karachiへの塩乾魚の移出 | 1977 | 125 | — | 262 | 27 | — | 414 |
| | 1978 | 130 | — | 88 | 53 | — | 271 |
| Turbatおよび内陸部への塩乾魚の移出 | 1977 | 146 | — | 61 | — | — | 207 |
| | 1978 | 270 | — | 145 | 80 | — | 495 |
| Karachiへの塩蔵魚の移出 | 1977 | 339 | — | 268 | 150 | 1,501 | 2,258 |
| | 1978 | — | — | 310 | 339 | 1,152 | 1,801 |
| Turbatおよび内陸部への塩蔵魚の移出 | 1977 | 3,654 | 380 | 1,317 | — | — | 5,351 |
| | 1978 | 3,646 | 336 | 1,192 | 266 | — | 5,440 |
| Karachiへの冷蔵エビの移出 | 1977 | 196 | — | 398 | — | 510 | 1,104 |
| | 1978 | 400 | — | 416 | 1 | 400 | 1,217 |
| Karachiへの冷蔵イセエビの移出 | 1977 | 112 | 5 | 33 | 19 | 30 | 199 |
| | 1978 | 135 | 6 | 28 | 31 | 33 | 233 |
| Karachiへの冷蔵魚の移出 | 1977 | — | — | 272 | — | 7,610 | 7,882 |
| | 1978 | 1,861 | 1,259 | 1,756 | 431 | 6,531 | 11,838 |
| Turbatおよび内陸部への冷蔵魚の移出 | 1977 | 11 | — | 358 | — | — | 369 |
| | 1978 | 115 | — | 270 | — | — | 385 |
| Karachiへの乾燥エビの移出 | 1977 | 58 | — | 100 | — | — | 158 |
| | 1978 | 2 | — | 80 | — | — | 82 |
| Turbatおよび内陸部への乾燥エビの移出 | 1977 | 11 | — | 11 | — | — | 22 |
| | 1978 | — | — | 24 | — | — | 24 |
| Karachiへのフカのひれおよび魚のはらわたの移出 | 1977 | 70 | 61 | 50 | 48 | 79 | 308 |
| | 1978 | 50 | 36 | 26 | 16 | 73 | 201 |
| Karachiへの魚粉の移出 | 1977 | 1,092 | 393 | 418 | 382 | 941 | 3,226 |
| | 1978 | 2,107 | 428 | 458 | 530 | 1,000 | 4,523 |
| 地元消費 | 1977 | 1,970 | 540 | 1,546 | 1,238 | 792 | 6,086 |
| | 1978 | 2,020 | 623 | 1,605 | 1,434 | 880 | 6,562 |
| 製品重量計 | 1977 | 9,431 | 2,355 | 6,951 | 4,023 | 11,463 | 34,223 |
| | 1978 | 12,199 | 2,688 | 7,689 | 4,778 | 10,069 | 37,423 |
| 鮮魚重量計 | 1977 | 19,898 | 5,599 | 14,221 | 9,425 | 15,205 | 64,348 |
| | 1978 | 24,125 | 3,958 | 13,551 | 9,962 | 13,500 | 65,096 |

出典: Baluchistan州政府漁業庁

付表 A5-14 Baluchistan 州沿岸地域別漁船の移移

(1976~1978年)

(単位：隻)

| 漁船の種類 | 年 | Jiwani 地域 | Gwadar 地域 | Pasni 地域 | Ormara 地域 | Sonmiani 地域 | 合計 |
|-------------|------|--------------|--------------|-------------|--------------|----------------|------|
| 動力付刺網漁船 | 1976 | 9 | 31 | — | — | — | 40 |
| | 1977 | 9 | 33 | — | — | — | 42 |
| | 1978 | 9 | 33 | — | — | — | 42 |
| トローラー | 1976 | — | — | — | — | — | — |
| | 1977 | — | — | — | — | — | — |
| | 1978 | — | — | — | — | — | — |
| 動力付帆船 | 1976 | — | — | — | — | 158 | 158 |
| | 1977 | 12 | 125 | 17 | 11 | 165 | 330 |
| | 1978 | 70 | 343 | 44 | 14 | 206 | 677 |
| 帆船(1トン未満) | 1976 | — | — | — | — | — | — |
| | 1977 | 21 | 278 | 196 | 69 | 80 | 644 |
| | 1978 | 18 | 189 | 183 | 69 | 61 | 520 |
| 帆船(1~5トン) | 1976 | — | — | — | — | — | — |
| | 1977 | 40 | 73 | 120 | 121 | 81 | 435 |
| | 1978 | 37 | 50 | 127 | 120 | 90 | 424 |
| 帆船(6~15トン) | 1976 | — | — | — | — | — | — |
| | 1977 | 88 | 258 | 149 | 184 | 163 | 842 |
| | 1978 | 40 | 166 | 150 | 188 | 137 | 681 |
| 帆船(16~25トン) | 1976 | — | — | — | — | — | — |
| | 1977 | 6 | 29 | 11 | 6 | 4 | 56 |
| | 1978 | 5 | 26 | 13 | — | 4 | 48 |
| 無動力帆船 小計 | 1976 | 163 | 735 | 476 | 391 | 305 | 2070 |
| | 1977 | 155 | 638 | 476 | 380 | 328 | 1977 |
| | 1978 | 100 | 431 | 473 | 377 | 292 | 1673 |
| 全帆船の動力化率 | 1976 | — | — | — | — | 3413 | 709 |
| | 1977 | 71.9% | 1638 | 345 | 281 | 3347 | 1430 |
| | 1978 | 41.18% | 4432 | 851 | 358 | 4137 | 2880 |
| 全漁船の動力化率 | 1976 | 52.3% | 405 | — | — | 3413 | 873 |
| | 1977 | 11.93% | 1985 | 345 | 281 | 3347 | 1584 |
| | 1978 | 44.13% | 4659 | 851 | 358 | 4137 | 3006 |
| 合計 | 1976 | 172 | 766 | 476 | 391 | 463 | 2268 |
| | 1977 | 176 | 796 | 493 | 391 | 493 | 2349 |
| | 1978 | 179 | 807 | 517 | 391 | 498 | 2392 |

出典：Baluchistan 州政府漁業庁

付表A5-15 Baluchistan州沿岸の漁船船型

| 項 目 | 漁 船 の 地 元 名 称 | | | |
|-----------------|-----------------------|-----------------------|------------------------|---------------------|
| | Katti | Yakdar | Rachin | Charpuk |
| 長 さ (フイート) | (4.6-6.1m) 15'-20' | (6.1-9.1m) 20'-30' | (9.1-12.2m) 30'-40' | (12.2m以上) 40' 以上 |
| 幅 (フイート) | (0.8-0.9m) 2.5'-3' | (0.9-1.5m) 3'-5' | (1.5-2.4m) 5'-8' | (2.4m以上) 8' 以上 |
| 深 さ (フイート) | (0.5-0.6m) 1.5'-2' | (0.8-0.9m) 2.5'-3' | (1.1-1.2m) 3.5'-4' | (1.2m以上) 4' 以上 |
| 航行可能距離(マイル) | 3マイル以下 | 3-30 | 30-100 | 100 以上 |
| トン数 | 1/4 以下 | 1/4-3/4 | 3/4-2 | 2 以上 |
| 一回当りの航行日数 | 1/2 -1 | 1-2 | 7 | 8-15 |
| 乗組員 | 1 | 3-4 | 4-5 | 6-8 |
| Gwadar における実測結果 | | | | |
| 長 さ (フイート) | (6.0m) 19' 8" | (8.4m) 27' 7" | (11.4m) 37' 4" | |
| 幅 (フイート) | (0.8m) 2' 9" | (1.5m) 4' 10" | (2.8m) 9' 4" | |
| 深 さ (フイート) | (0.6m) 1' 10" | (1.0m) 3' 4" | (1.6m) 5' 3" | |
| 摘 要 | 小 型 | 標準サイズ | 大 型 | 大 型 |

註： () 書はメートル

出典：パキスタン政府港湾海運総局

付表A6-1 Gwadarの風

| 月 | 方向別出現率 | | | | | | | | | 平均風速 M P H |
|----|--------|----|----|----|----|----|----|----|----|---------------|
| | N | NE | E | SE | S | SW | W | NW | 無風 | |
| 1 | 23 | 13 | 6 | 3 | 3 | 0 | 10 | 19 | 23 | 6.6 |
| 2 | 15 | 15 | 7 | 4 | 0 | 4 | 22 | 15 | 19 | 6.4 |
| 3 | 10 | 10 | 10 | 3 | 0 | 6 | 35 | 13 | 13 | 6.5 |
| 4 | 3 | 6 | 13 | 3 | 3 | 13 | 42 | 6 | 10 | 7.2 |
| 5 | 0 | 10 | 17 | 3 | 0 | 17 | 47 | 3 | 3 | 7.3 |
| 6 | 0 | 10 | 27 | 10 | 7 | 14 | 21 | 3 | 7 | 6.2 |
| 7 | 0 | 13 | 30 | 17 | 10 | 10 | 10 | 0 | 10 | 5.8 |
| 8 | 0 | 10 | 23 | 23 | 13 | 13 | 10 | 0 | 7 | 5.3 |
| 9 | 0 | 14 | 14 | 11 | 3 | 14 | 32 | 3 | 7 | 5.7 |
| 10 | 3 | 7 | 7 | 7 | 0 | 7 | 38 | 10 | 21 | 5.6 |
| 11 | 7 | 10 | 10 | 0 | 0 | 3 | 23 | 17 | 30 | 4.0 |
| 12 | 16 | 16 | 6 | 3 | 3 | 0 | 13 | 23 | 19 | 5.2 |

付表A 6-2 Pasniの風
(緯度25°16' N., 経度36°27' E.) (1918-1947)海面上3m

| 月 | 降雨量 | | 風 向 | | | | | | | | | | | | | | | | 平均風速 | | | | |
|----------|-----|-------------------------|-------------------------------------|----|----|----|---|----|----|----|-------------------------------------|---|----|----|----|----|----|----|------|----------------|------------|----|------|
| | 平均 | 2.5mm 以上 降雨 日数 | 時 刻 08 ^h 00 ^m | | | | | | | | 時 刻 16 ^h 00 ^m | | | | | | | | kt | 風速22kt 以上日数 | | | |
| | | | 風 向 出 現 率 | | | | | | | | 風 向 出 現 率 | | | | | | | | | 08h 00m | 16h 00m | | |
| | | | N | NE | E | SE | S | SW | W | NW | Calm | N | NE | E | SE | S | SW | W | | | | NW | Calm |
| 1 | 5 | 2 | 26 | 12 | 14 | 1 | 1 | 1 | 8 | 22 | 15 | 4 | 3 | 16 | 25 | 17 | 20 | 11 | 4 | 0 | 5 | - | 0 |
| 2 | 36 | 2 | 14 | 7 | 14 | 3 | 0 | 1 | 11 | 28 | 22 | 3 | 1 | 11 | 14 | 23 | 27 | 16 | 4 | 1 | 5 | - | 1 |
| 3 | 13 | 0.5 | 12 | 6 | 7 | 3 | 0 | 1 | 19 | 27 | 25 | 3 | 1 | 2 | 7 | 19 | 42 | 24 | 2 | 0 | 5 | - | 2 |
| 4 | 10 | 0.5 | 7 | 4 | 4 | 5 | 2 | 4 | 38 | 29 | 7 | 1 | 1 | 0 | 3 | 17 | 50 | 28 | 0 | 0 | 6 | - | 2 |
| 5 | 0 | 0.1 | 2 | 2 | 14 | 6 | 1 | 11 | 41 | 16 | 7 | 0 | 0 | 1 | 4 | 16 | 46 | 29 | 4 | 0 | 7 | - | 5 |
| 6 | 8 | 0.2 | 1 | 2 | 18 | 12 | 3 | 14 | 33 | 12 | 5 | 0 | 0 | 1 | 6 | 19 | 49 | 24 | 1 | 0 | 6 | - | 4 |
| 7 | 13 | 1 | 0 | 0 | 13 | 17 | 8 | 18 | 25 | 8 | 11 | 0 | 0 | 1 | 10 | 31 | 45 | 12 | 1 | 0 | 5 | - | 3 |
| 8 | 5 | 0.3 | 0 | 2 | 15 | 13 | 5 | 21 | 28 | 6 | 10 | 0 | 0 | 3 | 9 | 24 | 47 | 17 | 0 | 0 | 5 | - | 3 |
| 9 | 0 | 0.1 | 4 | 1 | 15 | 7 | 3 | 9 | 32 | 17 | 12 | 0 | 0 | 1 | 3 | 19 | 55 | 22 | 0 | 0 | 6 | - | 2 |
| 10 | 0 | 0.0 | 11 | 10 | 12 | 4 | 2 | 2 | 20 | 23 | 16 | 1 | 2 | 3 | 8 | 24 | 45 | 17 | 0 | 0 | 5 | - | 2 |
| 11 | 3 | 0.2 | 18 | 11 | 4 | 0 | 0 | 1 | 11 | 32 | 23 | 3 | 1 | 4 | 18 | 28 | 36 | 9 | 1 | 0 | 4 | - | 1 |
| 12 | 20 | 2 | 19 | 12 | 8 | 3 | 0 | 0 | 8 | 27 | 23 | 5 | 3 | 15 | 25 | 20 | 20 | 9 | 3 | 0 | 4 | - | 3 |
| 平均 | - | - | 9 | 6 | 11 | 6 | 2 | 7 | 23 | 21 | 15 | 2 | 1 | 5 | 11 | 21 | 40 | 18 | 2 | 0 | 5 | - | - |
| 計 | 157 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 28 |
| 観測 日数 | 30 | 18 | 8 | | | | | | | | 7-9 | | | | | | | | 20 | - | 2-3 | | |

出典：水路誌

付表A 6-3 月別降雨量

| 月 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 年 | |
|-------------|----|----|---|---|---|---|----|----|----|----|----|----|-----|-----------|
| 地点 Pasni | 43 | 32 | 8 | 6 | 2 | 0 | 12 | 3 | 1 | 0 | 2 | 12 | 127 | 1931-1960 |
| Karachi | 7 | 11 | 6 | 2 | 0 | 1 | 96 | 50 | 15 | 2 | 2 | 6 | 204 | 1931-1960 |

付表A8-1 パキスタン輸出入額

| 年 | 合 計 (百万米ドル) | 輸 出 (百万米ドル) | 輸 入 (百万米ドル) |
|--------|----------------|----------------|----------------|
| 1969 | 1,716 | 681 | 1,035 |
| 1970 | 1,894 | 723 | 1,171 |
| 1971 | 1,592 | 666 | 926 |
| 1972 | 1,345 | 679 | 666 |
| 1973 | 1,920 | 951 | 869 |
| 1974 | 2,835 | 1,097 | 1,738 |
| 1975 | 3,193 | 1,035 | 2,158 |
| 1976 | 3,278 | 1,144 | 2,134 |
| (1-9月) | (2,435) | (871) | (1,564) |
| 1977 | | | |
| (1-9月) | (2,664) | (862) | (1,802) |

出典： 国連統計月報1978年2月

付表A8-2(1) シミュレーション

国内総生産(1959/60年価格)

DYNAMO (REV.1) MINIPORT

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*** プリント リスト ***

| TIME | POP | GDP1 | GDP2 | GDP3 | GDP |
|--------|--------|--------|--------|---------|--------|
| E+00 | E+05 | E+07 | E+07 | E+07 | E+08 |
| 1976.0 | 734.3 | 1395.1 | 808.2 | 1802.9 | 400.6 |
| 1977.0 | 756.3 | 1423.9 | 855.1 | 1944.0 | 422.3 |
| 1978.0 | 777.6 | 1458.0 | 919.4 | 2088.4 | 446.6 |
| 1979.0 | 797.7 | 1482.2 | 978.9 | 2228.8 | 469.0 |
| 1980.0 | 816.9 | 1503.4 | 1038.6 | 2374.6 | 491.7 |
| 1981.0 | 834.9 | 1521.5 | 1098.4 | 2524.5 | 514.4 |
| 1982.0 | 851.6 | 1536.0 | 1158.0 | 2677.9 | 537.2 |
| 1983.0 | 872.9 | 1552.3 | 1219.9 | 2837.0 | 560.9 |
| 1984.0 | 894.7 | 1565.4 | 1285.8 | 3004.3 | 585.6 |
| 1985.0 | 917.0 | 1579.3 | 1356.5 | 3182.3 | 611.8 |
| 1986.0 | 940.0 | 1594.7 | 1433.0 | 3372.9 | 640.1 |
| 1987.0 | 963.5 | 1612.1 | 1516.5 | 3578.5 | 670.7 |
| 1988.0 | 987.6 | 1632.0 | 1608.3 | 3801.3 | 704.2 |
| 1989.0 | 1012.2 | 1655.1 | 1710.1 | 4043.9 | 740.9 |
| 1990.0 | 1037.5 | 1681.8 | 1823.7 | 4309.0 | 781.4 |
| 1991.0 | 1063.5 | 1712.6 | 1950.9 | 4599.8 | 826.3 |
| 1992.0 | 1090.1 | 1748.0 | 2094.2 | 4919.9 | 876.2 |
| 1993.0 | 1117.3 | 1788.5 | 2256.1 | 5273.1 | 931.8 |
| 1994.0 | 1145.3 | 1834.6 | 2439.8 | 5663.9 | 993.8 |
| 1995.0 | 1173.9 | 1886.3 | 2649.1 | 6097.6 | 1063.4 |
| 1996.0 | 1203.2 | 1943.3 | 2888.3 | 6580.0 | 1141.5 |
| 1997.0 | 1233.3 | 2013.3 | 3162.7 | 7118.0 | 1229.4 |
| 1998.0 | 1264.1 | 2088.7 | 3478.7 | 7719.6 | 1328.7 |
| 1999.0 | 1295.8 | 2174.0 | 3843.8 | 8393.7 | 1441.2 |
| 2000.0 | 1328.1 | 2269.9 | 4267.5 | 9151.3 | 1568.9 |
| 2001.0 | 1361.4 | 2377.9 | 4761.3 | 10005.2 | 1714.4 |
| 2002.0 | 1395.4 | 2499.5 | 5332.4 | 10970.4 | 1882.9 |
| 2003.0 | 1430.3 | 2636.8 | 6012.4 | 12064.8 | 2072.1 |
| 2004.0 | 1466.0 | 2791.9 | 6823.4 | 13309.8 | 2292.5 |
| 2005.0 | 1502.7 | 2967.6 | 7779.5 | 14731.3 | 2547.8 |
| 2006.0 | 1540.2 | 3167.2 | 8923.0 | 16360.7 | 2845.1 |

インフラストラクチャ

- GDP 年成長率 1.64%
 - 最大魚獲可能量 400,000 トン/年 (Balachistan 州沿岸)
 - 1983 年調査時点で漁船動力化率 20% に達す
- 注: POP 全人口
 GDP1 第一次産業 (正として農業)
 GDP2 第二次産業 (製造業)
 GDP3 第三次産業
 GDP GDP 合計

国内総生産 (名目価格)

DYNAMO (REV.1) MINIPORT

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*** プリント リスト ***

| TIME | GDP1C | GDP2C | GDP3C | GDP |
|--------|---------|---------|--------|---------|
| E+00 | E+08 | E+08 | E+03 | E+03 |
| 1976.0 | 435.1 | 292.0 | 50.1 | 132.8 |
| 1977.0 | 494.3 | 324.1 | 70.7 | 152.6 |
| 1978.0 | 552.7 | 383.7 | 83.4 | 177.7 |
| 1979.0 | 629.3 | 449.8 | 97.6 | 205.5 |
| 1980.0 | 706.0 | 525.3 | 114.1 | 237.2 |
| 1981.0 | 790.2 | 611.7 | 133.0 | 273.2 |
| 1982.0 | 882.3 | 710.1 | 154.8 | 314.0 |
| 1983.0 | 986.1 | 823.5 | 179.9 | 360.9 |
| 1984.0 | 1099.9 | 955.7 | 203.0 | 412.6 |
| 1985.0 | 1227.3 | 1119.1 | 242.9 | 475.6 |
| 1986.0 | 1370.6 | 1291.1 | 282.4 | 548.6 |
| 1987.0 | 1532.4 | 1504.4 | 328.7 | 632.3 |
| 1988.0 | 1715.9 | 1756.6 | 383.0 | 730.2 |
| 1989.0 | 1924.6 | 2056.5 | 446.9 | 845.1 |
| 1990.0 | 2162.9 | 2414.5 | 522.4 | 980.2 |
| 1991.0 | 2436.0 | 2843.9 | 611.8 | 1139.8 |
| 1992.0 | 2749.8 | 3361.0 | 717.8 | 1328.9 |
| 1993.0 | 3111.7 | 3986.6 | 844.0 | 1553.9 |
| 1994.0 | 3530.3 | 4746.7 | 994.5 | 1822.2 |
| 1995.0 | 4016.0 | 5674.4 | 1174.5 | 2143.6 |
| 1996.0 | 4581.4 | 6811.6 | 1390.4 | 2529.7 |
| 1997.0 | 5241.4 | 8212.1 | 1650.9 | 2995.3 |
| 1998.0 | 6014.7 | 9944.8 | 1963.0 | 3558.9 |
| 1999.0 | 6923.4 | 12098.5 | 2341.4 | 4243.6 |
| 2000.0 | 7995.0 | 14788.8 | 2803.4 | 5078.8 |
| 2001.0 | 9253.0 | 18156.5 | 3358.7 | 6171.6 |
| 2002.0 | 10769.0 | 22423.8 | 4033.9 | 7359.8 |
| 2003.0 | 12564.6 | 27640.3 | 4873.9 | 8914.4 |
| 2004.0 | 14713.9 | 34746.6 | 5906.4 | 10844.4 |
| 2005.0 | 17297.8 | 43616.0 | 7161.5 | 13253.0 |
| 2006.0 | 20418.2 | 55080.2 | 8725.2 | 16275.0 |

- 注: GDP1C 第一次産業
 GDP2C 第二次産業 (製造業)
 GDP3C 第三次産業
 GDP GDP 合計

Baluchistan 州 GPD (州内総生産)

DYNAMO (REV.1) MINIPORT

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*** フリット リスト ***

| TIME | BPDP | BGPP1 | BGPP2 | BGPP3 | GGPP | |
|--------|--------|--------|---------|---------|--------|---------------|
| E+00 | E+03 | E+05 | E+04 | E+04 | E+05 | # BPDP : 州人口 |
| 1976.0 | 2742.6 | 101.9 | 297.0 | 882.7 | 219.9 | BGPP1 : 第一次産業 |
| 1977.0 | 2864.7 | 116.2 | 313.1 | 955.3 | 243.1 | BGPP2 : 第二次産業 |
| 1978.0 | 2986.5 | 132.1 | 352.2 | 1035.9 | 270.9 | BGPP3 : 第三次産業 |
| 1979.0 | 3107.3 | 149.2 | 392.2 | 1115.7 | 299.9 | BGPP : 州内総生産 |
| 1980.0 | 3226.8 | 168.0 | 435.2 | 1199.7 | 331.5 | |
| 1981.0 | 3344.3 | 188.8 | 481.4 | 1287.2 | 365.7 | |
| 1982.0 | 3459.3 | 211.6 | 530.8 | 1378.0 | 402.5 | |
| 1983.0 | 3595.8 | 237.5 | 584.9 | 1473.4 | 443.3 | |
| 1984.0 | 3737.7 | 266.0 | 644.8 | 1574.7 | 487.9 | |
| 1985.0 | 3885.1 | 297.9 | 711.6 | 1683.4 | 537.4 | |
| 1986.0 | 4038.4 | 334.1 | 786.2 | 1800.8 | 592.8 | |
| 1987.0 | 4197.7 | 375.0 | 870.2 | 1928.2 | 654.8 | |
| 1988.0 | 4363.3 | 421.6 | 965.4 | 2067.1 | 724.8 | |
| 1989.0 | 4535.5 | 474.7 | 1073.6 | 2219.3 | 804.0 | |
| 1990.0 | 4714.4 | 535.7 | 1197.5 | 2386.7 | 894.1 | |
| 1991.0 | 4900.4 | 605.7 | 1339.9 | 2571.3 | 996.8 | |
| 1992.0 | 5093.8 | 685.5 | 1504.4 | 2775.6 | 1114.5 | |
| 1993.0 | 5294.7 | 779.9 | 1695.2 | 3002.4 | 1243.7 | |
| 1994.0 | 5503.6 | 888.4 | 1917.5 | 3254.8 | 1405.6 | |
| 1995.0 | 5720.7 | 1014.7 | 2177.7 | 3536.4 | 1586.1 | |
| 1996.0 | 5946.4 | 1162.1 | 2483.4 | 3851.4 | 1795.6 | |
| 1997.0 | 6181.0 | 1334.9 | 2844.3 | 4204.8 | 2039.8 | |
| 1998.0 | 6424.9 | 1538.0 | 3272.2 | 4602.3 | 2325.4 | |
| 1999.0 | 6678.4 | 1777.4 | 3781.6 | 5050.4 | 2650.6 | |
| 2000.0 | 6941.9 | 2060.7 | 4391.6 | 5557.2 | 3055.6 | |
| 2001.0 | 7215.7 | 2397.1 | 5124.9 | 6131.8 | 3522.8 | |
| 2002.0 | 7500.4 | 2797.9 | 6011.2 | 6785.5 | 4077.6 | |
| 2003.0 | 7796.3 | 3277.5 | 7088.1 | 7531.3 | 4739.5 | |
| 2004.0 | 8103.9 | 3853.5 | 8404.2 | 8385.3 | 5532.5 | |
| 2005.0 | 8423.6 | 4548.4 | 10021.9 | 9366.6 | 6487.2 | |
| 2006.0 | 8756.0 | 5390.3 | 12023.3 | 10498.7 | 7642.5 | |

Baluchistan 州沿岸人口

DYNAMO (REV.1) MINIPORT

PAGE 11

*** フリット リスト ***

| TIME | MPDP | GPDP | |
|--------|---------|--------|---------------------------|
| E+00 | E+02 | E+00 | # MPDP : Baluchistan州沿岸人口 |
| 1976.0 | 3672.4 | 18738. | GPDP : Gwadar人口 |
| 1977.0 | 3880.5 | 19727. | |
| 1978.0 | 4092.4 | 20729. | |
| 1979.0 | 4307.6 | 21740. | |
| 1980.0 | 4525.2 | 22755. | |
| 1981.0 | 4744.5 | 23771. | |
| 1982.0 | 4964.8 | 24785. | |
| 1983.0 | 5220.7 | 25967. | |
| 1984.0 | 5489.8 | 27206. | |
| 1985.0 | 5772.7 | 28505. | |
| 1986.0 | 6070.3 | 29865. | |
| 1987.0 | 6383.1 | 31290. | |
| 1988.0 | 6712.1 | 32783. | |
| 1989.0 | 7058.1 | 34348. | |
| 1990.0 | 7421.9 | 35987. | |
| 1991.0 | 7804.4 | 37704. | |
| 1992.0 | 8206.7 | 39503. | |
| 1993.0 | 8629.6 | 41388. | |
| 1994.0 | 9074.4 | 43363. | |
| 1995.0 | 9542.1 | 45432. | |
| 1996.0 | 10033.9 | 47600. | |
| 1997.0 | 10551.1 | 49872. | |
| 1998.0 | 11094.9 | 52252. | |
| 1999.0 | 11666.8 | 54745. | |
| 2000.0 | 12268.1 | 57358. | |
| 2001.0 | 12900.4 | 60075. | |
| 2002.0 | 13565.3 | 62962. | |
| 2003.0 | 14264.5 | 65967. | |
| 2004.0 | 14999.7 | 69115. | |
| 2005.0 | 15772.8 | 72413. | |
| 2006.0 | 16585.7 | 75868. | |

漁業者および労働人口

DYNAMO (REV.1) MINIPORT

*** フリット リスト ***

| TIME | FM | BFM | XFM | TFM | AGLF | LF |
|--------|--------|--------|--------|---------|--------|--------|
| E+00 | E+02 | E+00 | E+02 | E+02 | E+04 | E+04 |
| 1976.0 | 928.7 | 1763.6 | 752.3 | 2172.9 | 2844.2 | 4939.6 |
| 1977.0 | 1068.4 | 2040.9 | 864.3 | 2499.8 | 2918.1 | 5068.0 |
| 1978.0 | 1128.5 | 2039.4 | 918.5 | 2685.9 | 2988.2 | 5189.6 |
| 1979.0 | 1191.8 | 2159.3 | 975.9 | 2886.3 | 3053.9 | 5303.7 |
| 1980.0 | 1258.6 | 2219.0 | 1036.7 | 3102.3 | 3115.0 | 5409.9 |
| 1981.0 | 1329.1 | 2281.4 | 1100.9 | 3335.2 | 3171.2 | 5507.4 |
| 1982.0 | 1403.4 | 2345.6 | 1168.9 | 3586.1 | 3222.0 | 5595.7 |
| 1983.0 | 1498.0 | 2573.9 | 1240.6 | 3872.8 | 3289.7 | 5713.2 |
| 1984.0 | 1580.2 | 2638.9 | 1316.3 | 4164.1 | 3358.0 | 5833.2 |
| 1985.0 | 1666.6 | 2705.6 | 1396.2 | 4478.1 | 3429.3 | 5955.7 |
| 1986.0 | 1757.8 | 2774.2 | 1480.4 | 4816.6 | 3501.3 | 6080.8 |
| 1987.0 | 1853.5 | 2844.5 | 1569.0 | 5181.6 | 3574.9 | 6208.5 |
| 1988.0 | 1954.1 | 2916.7 | 1662.4 | 5575.1 | 3650.0 | 6338.9 |
| 1989.0 | 2059.6 | 2990.8 | 1760.5 | 5999.5 | 3726.6 | 6472.1 |
| 1990.0 | 2170.4 | 3066.2 | 1862.7 | 6452.1 | 3804.9 | 6608.0 |
| 1991.0 | 2286.6 | 3145.0 | 1972.1 | 6950.6 | 3884.8 | 6746.8 |
| 1992.0 | 2408.3 | 3225.1 | 2085.8 | 7482.9 | 3966.4 | 6888.5 |
| 1993.0 | 2535.7 | 3307.2 | 2205.0 | 8057.1 | 4049.7 | 7033.2 |
| 1994.0 | 2669.1 | 3391.6 | 2329.9 | 8676.5 | 4134.7 | 7180.9 |
| 1995.0 | 2808.6 | 3478.0 | 2460.8 | 9344.8 | 4221.6 | 7331.7 |
| 1996.0 | 2954.3 | 3565.7 | 2597.6 | 10065.9 | 4310.2 | 7485.7 |
| 1997.0 | 3106.5 | 3657.7 | 2740.7 | 10844.2 | 4400.8 | 7642.9 |
| 1998.0 | 3239.2 | 3750.9 | 2864.2 | 11658.1 | 4493.2 | 7803.4 |
| 1999.0 | 3337.4 | 3846.5 | 2952.8 | 12497.4 | 4587.6 | 7967.3 |
| 2000.0 | 3438.5 | 3944.5 | 3044.1 | 13404.9 | 4683.9 | 8134.6 |
| 2001.0 | 3542.7 | 4045.0 | 3138.2 | 14386.4 | 4782.3 | 8305.5 |
| 2002.0 | 3649.9 | 4147.9 | 3235.1 | 15448.2 | 4882.7 | 8479.9 |
| 2003.0 | 3760.4 | 4253.4 | 3335.0 | 16597.3 | 4985.3 | 8658.0 |
| 2004.0 | 3874.1 | 4361.4 | 3438.0 | 17841.1 | 5090.0 | 8839.9 |
| 2005.0 | 3991.2 | 4472.1 | 3544.0 | 19187.7 | 5196.9 | 9025.5 |
| 2006.0 | 4111.9 | 4585.4 | 3653.3 | 20646.1 | 5306.0 | 9215.1 |

- II: FM --- 全国海面漁業者合計
- BFM --- Baluchistan州海面漁業者数
- XFM --- Baluchistan州以外の海面漁業者数
- TFM --- 全国漁業者数(海面および内水面漁業)
- AGLF --- 全国農業者人口
- LF --- 全国労働人口合計

漁 船

DYNAMO (REV.1) MINIPORT

*** フリット リスト ***

| TIME | FB | BFB | BMOTS | BMOT | XFB | XMOTS | XMOT | SAIL | TFB |
|--------|---------|--------|---------|--------|---------|---------|---------|----------|----------|
| E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 |
| 1976.0 | 8473.0 | 2268.2 | 0.08730 | 198.0 | 6205.0 | 0.35500 | 2202.7 | 7972.0 | 16445.0 |
| 1977.0 | 8795.0 | 2385.0 | 0.15590 | 371.8 | 6410.0 | 0.35198 | 2256.2 | 11025.0 | 19820.0 |
| 1978.0 | 9051.0 | 2440.8 | 0.16401 | 400.3 | 6610.0 | 0.37030 | 2447.8 | 12127.0 | 21172.0 |
| 1979.0 | 9314.0 | 2496.5 | 0.17254 | 430.7 | 6817.0 | 0.38956 | 2655.6 | 13340.0 | 22654.0 |
| 1980.0 | 9584.0 | 2553.5 | 0.18151 | 463.5 | 7030.0 | 0.40982 | 2881.1 | 14674.0 | 24258.0 |
| 1981.0 | 9862.0 | 2611.8 | 0.19095 | 498.7 | 7250.0 | 0.43113 | 3125.6 | 16142.0 | 26003.0 |
| 1982.0 | 10148.0 | 2671.4 | 0.20087 | 536.6 | 7476.0 | 0.45355 | 3390.8 | 17756.0 | 27903.0 |
| 1983.0 | 10442.0 | 2732.4 | 0.21132 | 576.9 | 7709.0 | 0.47713 | 3678.4 | 19531.0 | 29973.0 |
| 1984.0 | 10745.0 | 2794.8 | 0.22230 | 619.2 | 7950.0 | 0.50194 | 3990.4 | 21485.0 | 32229.0 |
| 1985.0 | 11056.0 | 2858.6 | 0.23386 | 663.0 | 8198.0 | 0.52804 | 4328.7 | 23633.0 | 34689.0 |
| 1986.0 | 11377.0 | 2923.8 | 0.24602 | 708.1 | 8453.0 | 0.55550 | 4695.7 | 25996.0 | 37373.0 |
| 1987.0 | 11707.0 | 2990.6 | 0.25882 | 754.7 | 8716.0 | 0.58439 | 5093.7 | 28596.0 | 40303.0 |
| 1988.0 | 12046.0 | 3058.8 | 0.27228 | 802.6 | 8987.0 | 0.61477 | 5525.3 | 31456.0 | 43502.0 |
| 1989.0 | 12396.0 | 3128.6 | 0.28643 | 851.9 | 9267.0 | 0.64674 | 5993.4 | 34601.0 | 46997.0 |
| 1990.0 | 12755.0 | 3200.1 | 0.30132 | 902.3 | 9555.0 | 0.68037 | 6501.0 | 38061.0 | 50816.0 |
| 1991.0 | 13125.0 | 3273.1 | 0.31700 | 954.2 | 9852.0 | 0.71575 | 7051.5 | 41867.0 | 54992.0 |
| 1992.0 | 13506.0 | 3347.8 | 0.33348 | 1007.0 | 10158.0 | 0.75297 | 7648.6 | 46054.0 | 59560.0 |
| 1993.0 | 13897.0 | 3424.2 | 0.35082 | 1061.1 | 10473.0 | 0.79213 | 8296.0 | 50660.0 | 64557.0 |
| 1994.0 | 14300.0 | 3502.4 | 0.36907 | 1116.1 | 10798.0 | 0.83332 | 8998.1 | 55726.0 | 70026.0 |
| 1995.0 | 14715.0 | 3582.3 | 0.38826 | 1172.3 | 11133.0 | 0.87665 | 9759.5 | 61298.0 | 76013.0 |
| 1996.0 | 15142.0 | 3664.1 | 0.40845 | 1229.4 | 11478.0 | 0.92224 | 10585.1 | 67428.0 | 82570.0 |
| 1997.0 | 15581.0 | 3747.7 | 0.42969 | 1287.9 | 11833.0 | 0.97019 | 11480.4 | 74171.0 | 89752.0 |
| 1998.0 | 16033.0 | 3833.3 | 0.45203 | 1347.4 | 12199.0 | 1.00000 | 12199.5 | 81588.0 | 97620.0 |
| 1999.0 | 16498.0 | 3920.8 | 0.47554 | 1407.6 | 12577.0 | 1.00000 | 12576.9 | 89746.0 | 106244.0 |
| 2000.0 | 16976.0 | 4010.3 | 0.50026 | 1468.3 | 12966.0 | 1.00000 | 12965.8 | 98721.0 | 115697.0 |
| 2001.0 | 17468.0 | 4101.8 | 0.52628 | 1529.1 | 13367.0 | 1.00000 | 13366.6 | 108593.0 | 126062.0 |
| 2002.0 | 17975.0 | 4195.5 | 0.55364 | 1590.9 | 13780.0 | 1.00000 | 13779.6 | 119453.0 | 137428.0 |
| 2003.0 | 18496.0 | 4291.2 | 0.58243 | 1653.6 | 14205.0 | 1.00000 | 14205.1 | 131398.0 | 149894.0 |
| 2004.0 | 19033.0 | 4389.2 | 0.61272 | 1717.2 | 14644.0 | 1.00000 | 14643.5 | 144538.0 | 163570.0 |
| 2005.0 | 19585.0 | 4489.4 | 0.64458 | 1781.6 | 15095.0 | 1.00000 | 15095.3 | 158991.0 | 178576.0 |
| 2006.0 | 20153.0 | 4591.8 | 0.67810 | 1847.1 | 15561.0 | 1.00000 | 15560.8 | 174891.0 | 195043.0 |

- III: FB --- 全国海面漁業船舶合計(隻)
- BFB --- Baluchistan州海面漁業船舶合計(隻)
- BMOTS --- Baluchistan州海面漁業船舶の動力化率(%)
- BMOT --- Baluchistan州海面漁業船舶の動力化率(隻)
- XFB --- Karachi州及びSindh州海面漁業船舶合計(隻)
- XMOTS --- Karachi州及びSindh州海面漁業船舶の動力化率(%)
- XMOT --- Karachi州及びSindh州海面漁業船舶の動力化率(隻)
- SAIL --- 内水面漁業船舶(隻)
- TFB --- 全国船舶合計(隻)

漁 獲 高

DYNAMO (REV.1) MINIPORT

PAGE 14

*** フォット リスト ***

| TIME | MT | BMT | XMT | SMT | TMT | GDPP |
|--------|---------|--------|--------|--------|---------|---------|
| E+00 | E+02 | E+02 | E+02 | E+02 | E+02 | E+06 |
| 1976.0 | 1772.0 | 493.0 | 1278.2 | 284.9 | 2056.9 | 512.2 |
| 1977.0 | 2153.3 | 688.1 | 1465.2 | 331.4 | 2484.7 | 679.8 |
| 1978.0 | 2300.0 | 722.0 | 1578.0 | 364.6 | 2664.5 | 779.0 |
| 1979.0 | 2457.6 | 757.6 | 1700.0 | 401.0 | 2858.6 | 892.9 |
| 1980.0 | 2627.4 | 795.4 | 1832.0 | 441.1 | 3068.5 | 1024.2 |
| 1981.0 | 2810.4 | 835.7 | 1974.7 | 485.2 | 3295.6 | 1175.3 |
| 1982.0 | 3007.7 | 878.7 | 2129.0 | 533.7 | 3541.4 | 1349.5 |
| 1983.0 | 3711.4 | 1415.4 | 2296.1 | 587.1 | 4298.5 | 1750.2 |
| 1984.0 | 3952.1 | 1475.2 | 2476.8 | 645.8 | 4597.9 | 2000.3 |
| 1985.0 | 4211.0 | 1538.6 | 2672.4 | 710.4 | 4921.4 | 2287.7 |
| 1986.0 | 4489.7 | 1605.7 | 2884.1 | 781.5 | 5271.2 | 2618.2 |
| 1987.0 | 4789.9 | 1676.7 | 3113.1 | 859.6 | 5649.4 | 2998.2 |
| 1988.0 | 5113.1 | 1752.0 | 3361.1 | 945.6 | 6058.6 | 3435.7 |
| 1989.0 | 5461.3 | 1831.8 | 3629.6 | 1040.1 | 6501.4 | 3939.3 |
| 1990.0 | 5836.6 | 1918.4 | 3920.2 | 1144.1 | 6980.7 | 4519.4 |
| 1991.0 | 6241.0 | 2006.2 | 4234.8 | 1258.5 | 7499.5 | 5187.9 |
| 1992.0 | 6677.0 | 2101.6 | 4575.4 | 1384.4 | 8051.4 | 5958.6 |
| 1993.0 | 7147.2 | 2202.9 | 4944.3 | 1522.8 | 8670.1 | 6847.5 |
| 1994.0 | 7654.4 | 2310.6 | 5343.7 | 1675.1 | 9329.5 | 7873.0 |
| 1995.0 | 8201.4 | 2425.1 | 5776.3 | 1842.6 | 10044.0 | 9056.6 |
| 1996.0 | 8791.7 | 2546.9 | 6244.8 | 2026.9 | 10818.6 | 10423.2 |
| 1997.0 | 9428.7 | 2676.6 | 6752.1 | 2229.6 | 11658.3 | 12001.7 |
| 1998.0 | 9977.0 | 2814.7 | 7162.3 | 2452.5 | 12429.5 | 13672.1 |
| 1999.0 | 10345.6 | 2961.7 | 7383.9 | 2697.8 | 13043.4 | 15330.2 |
| 2000.0 | 10730.7 | 3118.4 | 7612.3 | 2967.6 | 13698.2 | 17202.6 |
| 2001.0 | 11133.0 | 3285.5 | 7847.6 | 3264.3 | 14397.3 | 19319.1 |
| 2002.0 | 11553.6 | 3463.6 | 8090.0 | 3590.7 | 15144.3 | 21713.5 |
| 2003.0 | 11993.5 | 3653.7 | 8339.8 | 3949.8 | 15943.3 | 24424.9 |
| 2004.0 | 12453.7 | 3856.5 | 8597.2 | 4344.8 | 16798.5 | 27497.9 |
| 2005.0 | 12935.5 | 4073.1 | 8862.5 | 4779.3 | 17714.8 | 30984.1 |
| 2006.0 | 13440.0 | 4304.3 | 9135.7 | 5257.2 | 18697.3 | 34942.6 |

インフラストラクチャーの提供

最大漁獲可能量 400,000トン年 (Baluchistan 州合計)

注: MT ... 全国漁業漁獲高 (トン)

BMT ... Baluchistan 州沿岸漁業漁獲高 (トン)

XMT ... Baluchistan 州沿岸以外の漁業漁獲高 (トン)

SMT ... 内水漁業漁獲高 (トン)

TMT ... 全国漁獲高 (トン)

GDPP ... 漁業総生産 (名目価格, 単位: ルピー)

付表 A 8 - 2 (2) シミュレーション - 1

国内総生産 (1959/60年価格)

DYNAMO (REV.1) MINIPORT

PAGE 1

*** プリントアウト ***

| TIME | POP | GDP1 | GDP2 | GDP3 | GDP |
|--------|--------|--------|--------|---------|--------|
| E+00 | E+05 | E+07 | E+07 | E+07 | E+08 |
| 1976.0 | 734.3 | 1395.1 | 808.2 | 1802.9 | 400.6 |
| 1977.0 | 756.3 | 1423.9 | 855.1 | 1944.0 | 422.3 |
| 1978.0 | 777.5 | 1458.0 | 919.4 | 2088.4 | 446.6 |
| 1979.0 | 797.7 | 1482.2 | 978.9 | 2228.8 | 469.0 |
| 1980.0 | 816.9 | 1503.4 | 1038.6 | 2374.6 | 491.7 |
| 1981.0 | 834.9 | 1521.5 | 1098.4 | 2524.5 | 514.4 |
| 1982.0 | 851.6 | 1536.0 | 1159.0 | 2677.9 | 537.2 |
| 1983.0 | 872.9 | 1554.2 | 1220.3 | 2837.5 | 561.2 |
| 1984.0 | 894.7 | 1567.6 | 1286.6 | 3005.5 | 586.0 |
| 1985.0 | 917.0 | 1581.8 | 1357.7 | 3184.0 | 612.4 |
| 1986.0 | 940.0 | 1597.4 | 1434.5 | 3375.2 | 640.7 |
| 1987.0 | 963.5 | 1614.9 | 1518.3 | 3581.2 | 671.4 |
| 1988.0 | 987.5 | 1635.0 | 1610.5 | 3804.4 | 705.0 |
| 1989.0 | 1012.2 | 1658.2 | 1712.6 | 4047.4 | 741.8 |
| 1990.0 | 1037.5 | 1685.0 | 1826.4 | 4312.9 | 782.4 |
| 1991.0 | 1063.5 | 1715.8 | 1953.9 | 4604.1 | 827.4 |
| 1992.0 | 1090.1 | 1751.2 | 2097.4 | 4924.5 | 877.3 |
| 1993.0 | 1117.3 | 1791.7 | 2259.6 | 5278.0 | 932.9 |
| 1994.0 | 1145.3 | 1837.9 | 2443.6 | 5669.2 | 995.1 |
| 1995.0 | 1173.9 | 1890.3 | 2653.2 | 6103.2 | 1064.7 |
| 1996.0 | 1203.2 | 1949.6 | 2892.7 | 6586.0 | 1142.8 |
| 1997.0 | 1233.3 | 2016.6 | 3167.4 | 7124.3 | 1230.8 |
| 1998.0 | 1264.1 | 2092.2 | 3483.7 | 7726.2 | 1330.2 |
| 1999.0 | 1295.8 | 2177.4 | 3849.2 | 8400.7 | 1442.7 |
| 2000.0 | 1328.1 | 2273.3 | 4273.3 | 9158.7 | 1570.5 |
| 2001.0 | 1361.4 | 2381.2 | 4767.6 | 10013.0 | 1716.2 |
| 2002.0 | 1395.4 | 2502.9 | 5346.2 | 10978.5 | 1882.8 |
| 2003.0 | 1430.3 | 2640.2 | 6026.8 | 12073.5 | 2074.0 |
| 2004.0 | 1466.0 | 2795.3 | 6831.5 | 13319.1 | 2294.6 |
| 2005.0 | 1502.7 | 2971.1 | 7768.3 | 14741.2 | 2550.1 |
| 2006.0 | 1540.2 | 3170.7 | 8932.8 | 16371.2 | 2847.5 |

インフラストラクチャーの条目

1. 最大設備可能量 400000

トン/年の設計条件を付す。

2. 1983年開始時点で

の累積動員率 30% 程度

アップ

注: 記号は付表 A 8 - 2 (1)

参照、以下同様

国内総生産 (名目価格)

DYNAMO (REV.1) MINIPORT

PAGE 2

*** プリントアウト ***

| TIME | GDP1C | GDP2C | GDP3C | GDP4C |
|--------|---------|---------|--------|---------|
| E+00 | E+08 | E+08 | E+09 | E+09 |
| 1976.0 | 435.1 | 292.0 | 60.1 | 132.8 |
| 1977.0 | 494.3 | 324.1 | 70.7 | 152.6 |
| 1978.0 | 559.7 | 383.7 | 83.4 | 177.7 |
| 1979.0 | 629.3 | 449.8 | 97.6 | 205.5 |
| 1980.0 | 706.0 | 525.3 | 114.1 | 237.2 |
| 1981.0 | 790.2 | 611.7 | 133.0 | 273.2 |
| 1982.0 | 882.3 | 710.1 | 154.8 | 314.0 |
| 1983.0 | 987.4 | 823.8 | 180.0 | 361.1 |
| 1984.0 | 1101.5 | 956.4 | 209.1 | 414.9 |
| 1985.0 | 1229.2 | 1111.1 | 243.0 | 477.0 |
| 1986.0 | 1372.9 | 1292.5 | 282.6 | 549.1 |
| 1987.0 | 1535.1 | 1506.2 | 328.9 | 633.0 |
| 1988.0 | 1719.9 | 1759.0 | 383.3 | 731.1 |
| 1989.0 | 1928.2 | 2059.5 | 447.3 | 846.1 |
| 1990.0 | 2167.0 | 2418.1 | 522.9 | 981.4 |
| 1991.0 | 2440.5 | 2848.2 | 612.4 | 1141.3 |
| 1992.0 | 2755.0 | 3356.2 | 718.5 | 1330.6 |
| 1993.0 | 3117.5 | 3992.8 | 844.8 | 1555.8 |
| 1994.0 | 3536.7 | 4754.1 | 995.4 | 1824.5 |
| 1995.0 | 4023.1 | 5683.1 | 1175.6 | 2146.2 |
| 1996.0 | 4589.2 | 6821.9 | 1391.6 | 2532.8 |
| 1997.0 | 5250.1 | 8224.2 | 1651.4 | 2998.9 |
| 1998.0 | 6024.3 | 9959.1 | 1964.7 | 3563.0 |
| 1999.0 | 6934.1 | 12115.4 | 2343.4 | 4248.3 |
| 2000.0 | 8006.8 | 14808.9 | 2802.7 | 5084.2 |
| 2001.0 | 9276.2 | 18190.4 | 3361.3 | 6108.0 |
| 2002.0 | 10783.6 | 22458.2 | 4042.9 | 7367.1 |
| 2003.0 | 12580.8 | 27874.3 | 4877.4 | 8922.9 |
| 2004.0 | 14732.0 | 34787.5 | 5902.5 | 10854.4 |
| 2005.0 | 17318.0 | 43665.5 | 7166.4 | 13264.7 |
| 2006.0 | 20440.9 | 55140.5 | 8730.8 | 16288.9 |

Baluchistan 州 GDP

DYNAMO (REV.1) MINIPORT

PAGE 3

*** プリントリスト ***

| TIME | BPOP | BGPP1 | BGPP2 | BGPP3 | BGPP |
|--------|--------|--------|---------|---------|--------|
| E+00 | E+03 | E+05 | E+04 | E+04 | E+05 |
| 1976.0 | 2742.6 | 101.9 | 297.0 | 682.7 | 219.9 |
| 1977.0 | 2864.7 | 116.2 | 313.1 | 955.3 | 243.1 |
| 1978.0 | 2986.5 | 132.1 | 352.2 | 1035.9 | 270.9 |
| 1979.0 | 3107.3 | 149.2 | 392.2 | 1115.7 | 299.9 |
| 1980.0 | 3226.8 | 168.0 | 435.2 | 1199.7 | 331.5 |
| 1981.0 | 3344.3 | 188.8 | 481.4 | 1287.2 | 365.7 |
| 1982.0 | 3459.3 | 211.6 | 530.8 | 1378.0 | 402.5 |
| 1983.0 | 3595.8 | 237.8 | 585.1 | 1473.7 | 443.7 |
| 1984.0 | 3737.7 | 266.3 | 645.2 | 1575.3 | 488.4 |
| 1985.0 | 3885.1 | 298.4 | 712.2 | 1684.3 | 538.1 |
| 1986.0 | 4038.4 | 334.6 | 787.0 | 1801.9 | 593.5 |
| 1987.0 | 4197.7 | 375.7 | 871.3 | 1929.6 | 655.8 |
| 1988.0 | 4363.3 | 422.3 | 966.7 | 2068.8 | 725.9 |
| 1989.0 | 4535.5 | 475.6 | 1075.2 | 2221.3 | 802.1 |
| 1990.0 | 4714.4 | 536.7 | 1199.3 | 2388.9 | 895.5 |
| 1991.0 | 4900.4 | 606.8 | 1342.0 | 2573.7 | 998.4 |
| 1992.0 | 5093.8 | 687.8 | 1506.8 | 2778.2 | 1116.3 |
| 1993.0 | 5294.7 | 781.4 | 1697.9 | 3005.2 | 1251.7 |
| 1994.0 | 5503.6 | 890.0 | 1920.5 | 3257.8 | 1407.8 |
| 1995.0 | 5720.7 | 1016.4 | 2181.0 | 3539.6 | 1588.5 |
| 1996.0 | 5946.4 | 1164.1 | 2487.1 | 3854.9 | 1798.3 |
| 1997.0 | 6181.0 | 1337.1 | 2848.5 | 4208.5 | 2042.8 |
| 1998.0 | 6424.9 | 1540.4 | 3276.9 | 4606.2 | 2328.7 |
| 1999.0 | 6678.4 | 1780.1 | 3787.1 | 5054.6 | 2664.3 |
| 2000.0 | 6941.9 | 2063.8 | 4397.5 | 5561.6 | 3059.7 |
| 2001.0 | 7215.7 | 2400.5 | 5131.6 | 6136.6 | 3527.3 |
| 2002.0 | 7500.4 | 2801.7 | 6018.8 | 6790.6 | 4082.7 |
| 2003.0 | 7796.3 | 3281.8 | 7096.8 | 7536.8 | 4745.1 |
| 2004.0 | 8103.9 | 3858.3 | 8414.1 | 8391.1 | 5538.8 |
| 2005.0 | 8423.6 | 4553.7 | 10033.3 | 9372.9 | 6494.3 |
| 2006.0 | 8756.0 | 5396.3 | 12036.5 | 10505.5 | 7650.5 |

Baluchistan 州沿岸人口

DYNAMO (REV.1) MINIPORT

PAGE 4

*** プリントリスト ***

| TIME | NPDP | GPDP |
|--------|---------|--------|
| E+00 | E+02 | E+00 |
| 1976.0 | 3672.4 | 18738. |
| 1977.0 | 3880.5 | 19727. |
| 1978.0 | 4092.4 | 20729. |
| 1979.0 | 4307.6 | 21740. |
| 1980.0 | 4525.2 | 22755. |
| 1981.0 | 4744.5 | 23771. |
| 1982.0 | 4964.8 | 24785. |
| 1983.0 | 5220.7 | 25967. |
| 1984.0 | 5489.6 | 27206. |
| 1985.0 | 5772.7 | 28505. |
| 1986.0 | 6070.3 | 29865. |
| 1987.0 | 6383.1 | 31290. |
| 1988.0 | 6712.1 | 32783. |
| 1989.0 | 7058.1 | 34348. |
| 1990.0 | 7421.9 | 35987. |
| 1991.0 | 7804.4 | 37704. |
| 1992.0 | 8206.7 | 39503. |
| 1993.0 | 8629.6 | 41388. |
| 1994.0 | 9074.4 | 43363. |
| 1995.0 | 9542.1 | 45432. |
| 1996.0 | 10033.9 | 47609. |
| 1997.0 | 10551.1 | 49872. |
| 1998.0 | 11094.9 | 52252. |
| 1999.0 | 11666.8 | 54745. |
| 2000.0 | 12268.1 | 57358. |
| 2001.0 | 12900.4 | 60095. |
| 2002.0 | 13565.3 | 62962. |
| 2003.0 | 14264.5 | 65967. |
| 2004.0 | 14999.7 | 69115. |
| 2005.0 | 15772.8 | 72413. |
| 2006.0 | 16565.7 | 75868. |

漁業者および労働人口

DYNAMO (REV.1) MINIPORT

PAGE 5

*** フリガナ リスト ***

| TIME | FM | BFM | XFM | TFM | AGLF | LF |
|--------|--------|--------|--------|---------|--------|--------|
| E+00 | E+02 | E+00 | E+02 | E+02 | E+04 | E+04 |
| 1976.0 | 928.7 | 17636. | 752.3 | 2172.9 | 2844.2 | 4939.6 |
| 1977.0 | 1068.4 | 20403. | 854.3 | 2499.8 | 2918.1 | 5088.0 |
| 1978.0 | 1128.5 | 20774. | 918.5 | 2685.9 | 2988.2 | 5189.6 |
| 1979.0 | 1191.8 | 21583. | 975.9 | 2886.3 | 3053.9 | 5303.7 |
| 1980.0 | 1258.6 | 22190. | 1036.7 | 3102.3 | 3115.0 | 5409.9 |
| 1981.0 | 1329.1 | 22814. | 1100.9 | 3335.2 | 3171.2 | 5507.4 |
| 1982.0 | 1403.4 | 23456. | 1168.9 | 3586.1 | 3222.0 | 5595.7 |
| 1983.0 | 1502.9 | 26230. | 1240.6 | 3877.7 | 3282.7 | 5713.2 |
| 1984.0 | 1585.1 | 26876. | 1316.3 | 4168.9 | 3358.8 | 5833.2 |
| 1985.0 | 1671.6 | 27539. | 1396.2 | 4482.9 | 3429.3 | 5957.5 |
| 1986.0 | 1762.6 | 28219. | 1480.4 | 4821.4 | 3501.3 | 6080.8 |
| 1987.0 | 1858.2 | 28917. | 1569.0 | 5186.3 | 3574.9 | 6208.5 |
| 1988.0 | 1958.7 | 29633. | 1662.4 | 5579.8 | 3650.0 | 6338.9 |
| 1989.0 | 2064.2 | 30368. | 1760.5 | 6004.1 | 3726.6 | 6472.1 |
| 1990.0 | 2174.9 | 31122. | 1863.7 | 6461.6 | 3804.9 | 6608.0 |
| 1991.0 | 2291.0 | 31895. | 1972.1 | 6955.1 | 3884.8 | 6746.8 |
| 1992.0 | 2412.7 | 32688. | 2085.8 | 7487.3 | 3966.4 | 6888.5 |
| 1993.0 | 2540.0 | 33502. | 2205.0 | 8061.4 | 4049.7 | 7033.2 |
| 1994.0 | 2673.3 | 34337. | 2329.9 | 8680.7 | 4134.7 | 7180.9 |
| 1995.0 | 2812.7 | 35192. | 2460.8 | 9348.9 | 4221.6 | 7331.7 |
| 1996.0 | 2958.3 | 36070. | 2597.6 | 10070.0 | 4310.2 | 7485.7 |
| 1997.0 | 3110.4 | 36970. | 2740.7 | 10848.1 | 4400.8 | 7642.9 |
| 1998.0 | 3269.1 | 37893. | 2864.2 | 11661.9 | 4493.2 | 7803.4 |
| 1999.0 | 3434.2 | 38839. | 2952.8 | 12501.1 | 4587.6 | 7967.3 |
| 2000.0 | 3442.2 | 39809. | 3044.1 | 13408.5 | 4683.9 | 8134.6 |
| 2001.0 | 3546.2 | 40803. | 3138.2 | 14389.9 | 4782.3 | 8305.5 |
| 2002.0 | 3653.3 | 41822. | 3235.1 | 15451.6 | 4882.7 | 8479.9 |
| 2003.0 | 3763.7 | 42856. | 3335.0 | 16600.6 | 4985.3 | 8658.0 |
| 2004.0 | 3877.3 | 43935. | 3438.0 | 17844.3 | 5090.0 | 8839.9 |
| 2005.0 | 3994.3 | 45031. | 3544.0 | 19190.8 | 5196.9 | 9025.5 |
| 2006.0 | 4114.9 | 46154. | 3653.3 | 20649.1 | 5306.0 | 9215.1 |

漁 船

DYNAMO (REV.1) MINIPORT

PAGE 6

*** フリガナ リスト ***

| TIME | FB | BFB | BHOTS | BNOT | XFB | XHOTS | XNOT | SAIL | TFB |
|--------|--------|--------|---------|--------|--------|---------|---------|---------|---------|
| E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 |
| 1976.0 | 8473. | 2268.2 | 0.08730 | 198.0 | 6205. | 0.35500 | 2202.7 | 7972. | 16445. |
| 1977.0 | 8795. | 2385.0 | 0.15590 | 371.8 | 6410. | 0.35198 | 2256.2 | 11025. | 19820. |
| 1978.0 | 9051. | 2440.8 | 0.16401 | 400.3 | 6810. | 0.37030 | 2447.8 | 12127. | 21179. |
| 1979.0 | 9314. | 2496.5 | 0.17254 | 430.7 | 6817. | 0.38956 | 2655.6 | 13340. | 22654. |
| 1980.0 | 9584. | 2553.5 | 0.18151 | 463.5 | 7030. | 0.40982 | 2881.1 | 14674. | 24258. |
| 1981.0 | 9852. | 2611.8 | 0.19095 | 498.7 | 7250. | 0.43113 | 3125.6 | 16142. | 26003. |
| 1982.0 | 10148. | 2671.4 | 0.20087 | 536.6 | 7475. | 0.45355 | 3390.8 | 17756. | 27903. |
| 1983.0 | 10442. | 2732.4 | 0.51132 | 1397.1 | 7709. | 0.47713 | 3678.4 | 19531. | 29973. |
| 1984.0 | 10745. | 2794.8 | 0.52230 | 1459.7 | 7950. | 0.50194 | 3990.4 | 21485. | 32229. |
| 1985.0 | 11056. | 2858.6 | 0.53386 | 1526.1 | 8198. | 0.52804 | 4328.7 | 23633. | 34689. |
| 1986.0 | 11377. | 2923.8 | 0.54602 | 1596.5 | 8453. | 0.55550 | 4695.7 | 25996. | 37373. |
| 1987.0 | 11707. | 2990.6 | 0.55882 | 1671.2 | 8716. | 0.58439 | 5093.7 | 28596. | 40303. |
| 1988.0 | 12046. | 3058.8 | 0.57228 | 1750.5 | 8987. | 0.61477 | 5525.3 | 31456. | 43502. |
| 1989.0 | 12396. | 3128.6 | 0.58643 | 1834.7 | 9287. | 0.64674 | 5993.4 | 34601. | 46997. |
| 1990.0 | 12755. | 3200.1 | 0.60133 | 1924.3 | 9595. | 0.68037 | 6501.0 | 38061. | 50816. |
| 1991.0 | 13125. | 3273.1 | 0.61700 | 2019.5 | 9852. | 0.71575 | 7051.5 | 41867. | 54992. |
| 1992.0 | 13506. | 3347.8 | 0.63348 | 2120.8 | 10158. | 0.75297 | 7648.6 | 46054. | 59560. |
| 1993.0 | 13897. | 3424.2 | 0.65082 | 2228.6 | 10473. | 0.79213 | 8296.0 | 50660. | 64557. |
| 1994.0 | 14300. | 3502.4 | 0.66907 | 2343.3 | 10798. | 0.83332 | 8998.1 | 55726. | 70026. |
| 1995.0 | 14715. | 3582.3 | 0.68825 | 2463.6 | 11133. | 0.87665 | 9759.5 | 61298. | 76013. |
| 1996.0 | 15142. | 3664.1 | 0.70845 | 2595.8 | 11478. | 0.92224 | 10585.1 | 67428. | 82570. |
| 1997.0 | 15581. | 3747.7 | 0.72969 | 2734.7 | 11833. | 0.97019 | 11480.4 | 74171. | 89752. |
| 1998.0 | 16033. | 3833.3 | 0.75203 | 2882.7 | 12199. | 1.00000 | 12199.5 | 81589. | 97620. |
| 1999.0 | 16498. | 3920.8 | 0.77554 | 3040.7 | 12577. | 1.00000 | 12576.9 | 89746. | 106244. |
| 2000.0 | 16976. | 4010.3 | 0.80025 | 3209.3 | 12966. | 1.00000 | 12965.8 | 98721. | 115697. |
| 2001.0 | 17468. | 4101.8 | 0.82628 | 3389.2 | 13367. | 1.00000 | 13366.6 | 108593. | 126062. |
| 2002.0 | 17975. | 4195.5 | 0.85364 | 3581.4 | 13780. | 1.00000 | 13779.6 | 119453. | 137428. |
| 2003.0 | 18496. | 4291.2 | 0.88243 | 3786.7 | 14205. | 1.00000 | 14205.1 | 131398. | 149894. |
| 2004.0 | 19033. | 4389.2 | 0.91272 | 4006.1 | 14644. | 1.00000 | 14643.5 | 144538. | 163570. |
| 2005.0 | 19585. | 4489.4 | 0.94458 | 4240.6 | 15095. | 1.00000 | 15095.3 | 158991. | 178576. |
| 2006.0 | 20153. | 4591.8 | 0.97810 | 4491.3 | 15561. | 1.00000 | 15560.8 | 174891. | 195043. |

漁 獲 高

DYNAMO (REV.1) MINIPORT

PAGE 7

*** フリガタ リスト ***

| TIME | HT | BMT | XMT | SMT | TMT | GDPF |
|--------|---------|--------|--------|--------|---------|---------|
| E+00 | E+02 | E+02 | E+02 | E+02 | E+02 | E+06 |
| 1976.0 | 1772.0 | 493.8 | 1278.2 | 284.9 | 2056.9 | 512.2 |
| 1977.0 | 2153.3 | 688.1 | 1465.2 | 331.4 | 2484.7 | 679.8 |
| 1978.0 | 2300.0 | 722.0 | 1578.0 | 364.6 | 2664.5 | 779.0 |
| 1979.0 | 2457.6 | 757.6 | 1700.0 | 401.0 | 2858.6 | 892.9 |
| 1980.0 | 2627.4 | 795.4 | 1832.0 | 441.1 | 3068.5 | 1024.2 |
| 1981.0 | 2810.4 | 835.7 | 1974.7 | 485.2 | 3295.6 | 1175.3 |
| 1982.0 | 3007.7 | 878.7 | 2129.0 | 533.7 | 3541.4 | 1349.5 |
| 1983.0 | 3256.9 | 1660.9 | 2236.1 | 582.1 | 4544.0 | 1850.1 |
| 1984.0 | 4203.2 | 1726.4 | 2476.8 | 645.8 | 4849.0 | 2109.5 |
| 1985.0 | 4467.8 | 1795.5 | 2672.4 | 710.4 | 5178.3 | 2407.1 |
| 1986.0 | 4752.4 | 1868.4 | 2884.1 | 781.5 | 5533.9 | 2748.6 |
| 1987.0 | 5058.6 | 1945.4 | 3113.1 | 859.6 | 5918.1 | 3140.9 |
| 1988.0 | 5387.9 | 2026.8 | 3361.1 | 945.6 | 6333.5 | 3591.5 |
| 1989.0 | 5742.4 | 2112.9 | 3629.5 | 1040.1 | 6782.5 | 4109.6 |
| 1990.0 | 6124.1 | 2203.9 | 3920.2 | 1144.1 | 7268.2 | 4705.6 |
| 1991.0 | 6535.1 | 2300.3 | 4234.8 | 1258.5 | 7793.6 | 5391.4 |
| 1992.0 | 6977.8 | 2402.4 | 4575.4 | 1384.4 | 8362.2 | 6181.0 |
| 1993.0 | 7454.9 | 2510.6 | 4944.3 | 1522.8 | 8977.7 | 7090.5 |
| 1994.0 | 7959.0 | 2625.3 | 5343.7 | 1675.1 | 9644.1 | 8138.5 |
| 1995.0 | 8523.3 | 2747.0 | 5776.3 | 1842.6 | 10365.9 | 9346.8 |
| 1996.0 | 9120.9 | 2876.2 | 6244.8 | 2026.9 | 11147.8 | 10740.4 |
| 1997.0 | 9765.4 | 3013.3 | 6752.1 | 2229.6 | 11995.0 | 12348.3 |
| 1998.0 | 10321.4 | 3159.1 | 7162.3 | 2452.5 | 12773.9 | 14050.9 |
| 1999.0 | 10697.9 | 3314.0 | 7383.9 | 2697.8 | 13395.7 | 15744.2 |
| 2000.0 | 11091.0 | 3478.7 | 7612.3 | 2967.6 | 14058.5 | 17555.1 |
| 2001.0 | 11501.5 | 3654.0 | 7847.6 | 3264.3 | 14755.9 | 19813.6 |
| 2002.0 | 11930.6 | 3840.6 | 8090.0 | 3590.7 | 15521.3 | 22254.0 |
| 2003.0 | 12379.0 | 4039.2 | 8339.8 | 3949.8 | 16328.9 | 25015.5 |
| 2004.0 | 12848.1 | 4250.9 | 8597.2 | 4344.6 | 17192.9 | 28143.5 |
| 2005.0 | 13338.9 | 4476.4 | 8862.5 | 4779.3 | 18118.1 | 31689.6 |
| 2006.0 | 13852.6 | 4716.9 | 9135.7 | 5257.2 | 19109.8 | 35713.7 |

付表 A 8 - 2 (3) シミュレーション - 2

国内総生産 (1959/60年価格)

DYNAMO (REV.1) MINIPORT

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*** プリント リスト ***

| TIME | POP | GDP1 | GDP2 | GDP3 | GDP |
|--------|--------|--------|--------|---------|--------|
| E+00 | E+05 | E+07 | E+07 | E+07 | E+08 |
| 1976.0 | 734.3 | 1395.1 | 808.2 | 1802.9 | 400.6 |
| 1977.0 | 756.3 | 1422.8 | 855.1 | 1944.0 | 422.3 |
| 1978.0 | 777.5 | 1459.0 | 919.4 | 2088.4 | 446.6 |
| 1979.0 | 797.7 | 1482.2 | 978.9 | 2228.8 | 469.0 |
| 1980.0 | 816.9 | 1503.4 | 1038.6 | 2374.6 | 491.7 |
| 1981.0 | 834.9 | 1521.5 | 1098.4 | 2524.5 | 514.4 |
| 1982.0 | 851.6 | 1536.0 | 1158.0 | 2677.9 | 537.2 |
| 1983.0 | 872.9 | 1556.1 | 1220.7 | 2838.1 | 561.5 |
| 1984.0 | 894.7 | 1569.9 | 1287.4 | 3006.7 | 586.4 |
| 1985.0 | 917.0 | 1584.3 | 1358.9 | 3185.7 | 612.9 |
| 1986.0 | 940.0 | 1600.1 | 1436.1 | 3377.4 | 641.3 |
| 1987.0 | 963.5 | 1617.8 | 1520.2 | 3583.9 | 672.2 |
| 1988.0 | 987.6 | 1638.0 | 1612.6 | 3807.5 | 705.8 |
| 1989.0 | 1012.2 | 1661.3 | 1715.0 | 4050.9 | 742.7 |
| 1990.0 | 1037.5 | 1688.1 | 1829.1 | 4316.8 | 783.4 |
| 1991.0 | 1063.5 | 1719.0 | 1956.9 | 4608.3 | 828.4 |
| 1992.0 | 1090.1 | 1754.5 | 2100.7 | 4929.1 | 878.4 |
| 1993.0 | 1117.3 | 1795.0 | 2263.1 | 5282.9 | 934.1 |
| 1994.0 | 1145.3 | 1841.2 | 2447.4 | 5674.5 | 996.3 |
| 1995.0 | 1173.9 | 1894.6 | 2657.2 | 6108.8 | 1065.0 |
| 1996.0 | 1203.2 | 1952.9 | 2897.0 | 6591.9 | 1144.2 |
| 1997.0 | 1233.3 | 2020.0 | 3172.0 | 7130.6 | 1232.3 |
| 1998.0 | 1264.1 | 2095.6 | 3488.7 | 7732.8 | 1331.7 |
| 1999.0 | 1295.8 | 2180.7 | 3854.5 | 8407.7 | 1444.3 |
| 2000.0 | 1328.1 | 2276.5 | 4279.1 | 9166.1 | 1572.2 |
| 2001.0 | 1361.4 | 2384.6 | 4773.8 | 10020.8 | 1717.9 |
| 2002.0 | 1395.4 | 2505.3 | 5352.9 | 10986.9 | 1884.6 |
| 2003.0 | 1430.1 | 2643.6 | 6034.1 | 12082.2 | 2076.0 |
| 2004.0 | 1466.0 | 2798.6 | 6839.5 | 13328.3 | 2296.6 |
| 2005.0 | 1502.7 | 2974.0 | 7797.0 | 14750.8 | 2552.2 |
| 2006.0 | 1540.2 | 3173.2 | 8942.1 | 16381.1 | 2849.6 |

インプットデータの条件
 1. 最大消費可能量 400000トン
 /年の静的条件を与え、
 2. 1983年時点での労働動力化率
 40%をアープ

国内総生産 (名目価格)

DYNAMO (REV.1) MINIPORT

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*** プリント リスト ***

| TIME | GDP1C | GDP2C | GDP3C | GDP |
|--------|---------|---------|--------|---------|
| E+00 | E+08 | E+08 | E+09 | E+09 |
| 1976.0 | 435.1 | 292.0 | 60.1 | 132.8 |
| 1977.0 | 494.3 | 324.1 | 70.7 | 152.6 |
| 1978.0 | 559.7 | 383.7 | 83.4 | 177.7 |
| 1979.0 | 629.3 | 449.8 | 97.6 | 205.5 |
| 1980.0 | 706.0 | 525.3 | 114.1 | 237.2 |
| 1981.0 | 790.2 | 611.7 | 133.0 | 273.2 |
| 1982.0 | 882.3 | 710.1 | 154.8 | 314.0 |
| 1983.0 | 988.6 | 824.1 | 180.0 | 361.3 |
| 1984.0 | 1103.1 | 957.0 | 209.2 | 415.2 |
| 1985.0 | 1231.2 | 1112.1 | 243.1 | 477.5 |
| 1986.0 | 1375.2 | 1293.9 | 282.8 | 549.7 |
| 1987.0 | 1537.8 | 1508.1 | 329.2 | 633.7 |
| 1988.0 | 1722.1 | 1761.4 | 383.6 | 732.0 |
| 1989.0 | 1931.8 | 2052.4 | 447.7 | 847.1 |
| 1990.0 | 2171.0 | 2421.7 | 523.4 | 982.7 |
| 1991.0 | 2445.1 | 2852.6 | 612.9 | 1142.7 |
| 1992.0 | 2760.1 | 3371.4 | 719.2 | 1332.3 |
| 1993.0 | 3123.2 | 3999.0 | 845.6 | 1557.8 |
| 1994.0 | 3543.0 | 4761.5 | 996.4 | 1826.8 |
| 1995.0 | 4030.1 | 5691.8 | 1176.7 | 2148.3 |
| 1996.0 | 4597.1 | 6832.2 | 1392.9 | 2535.9 |
| 1997.0 | 5258.8 | 8236.3 | 1652.9 | 3002.4 |
| 1998.0 | 6034.0 | 9973.4 | 1966.3 | 3567.1 |
| 1999.0 | 6944.8 | 12132.4 | 2345.3 | 4253.0 |
| 2000.0 | 8018.7 | 14828.9 | 2804.9 | 5089.7 |
| 2001.0 | 9289.3 | 18214.3 | 3353.9 | 6114.3 |
| 2002.0 | 10798.2 | 22486.7 | 4046.0 | 7374.5 |
| 2003.0 | 12597.1 | 27908.4 | 4880.9 | 8931.5 |
| 2004.0 | 14749.3 | 34828.4 | 5906.6 | 10864.4 |
| 2005.0 | 17334.9 | 43714.1 | 7171.1 | 13276.0 |
| 2006.0 | 20456.9 | 55197.6 | 8736.1 | 16301.6 |

Baluchistan 州 G P D

DYNAMO (REV.1) MINIPORT

PAGE 10

*** フリット リスト ***

| TIME | BPOP | BGPP1 | BGPP2 | BGPP3 | BGPP |
|--------|--------|--------|---------|---------|--------|
| E+00 | E+03 | E+05 | E+04 | E+04 | E+05 |
| 1976.0 | 2742.6 | 101.9 | 297.0 | 882.7 | 219.9 |
| 1977.0 | 2864.7 | 116.2 | 313.1 | 955.3 | 243.1 |
| 1978.0 | 2986.5 | 132.1 | 352.2 | 1035.9 | 270.9 |
| 1979.0 | 3107.3 | 149.2 | 392.2 | 1115.7 | 299.9 |
| 1980.0 | 3226.8 | 168.0 | 435.2 | 1199.7 | 331.5 |
| 1981.0 | 3344.3 | 188.8 | 481.4 | 1287.2 | 365.7 |
| 1982.0 | 3459.3 | 211.6 | 530.8 | 1378.0 | 402.5 |
| 1983.0 | 3595.8 | 238.1 | 585.3 | 1474.0 | 444.0 |
| 1984.0 | 3737.7 | 266.7 | 645.7 | 1576.0 | 488.9 |
| 1985.0 | 3885.1 | 298.9 | 712.8 | 1685.2 | 538.7 |
| 1986.0 | 4038.4 | 335.2 | 787.9 | 1803.1 | 594.3 |
| 1987.0 | 4197.7 | 376.3 | 872.4 | 1931.0 | 656.7 |
| 1988.0 | 4363.3 | 423.1 | 968.0 | 2070.5 | 727.0 |
| 1989.0 | 4535.5 | 476.5 | 1076.7 | 2223.2 | 806.5 |
| 1990.0 | 4714.4 | 537.7 | 1201.1 | 2391.0 | 896.9 |
| 1991.0 | 4900.4 | 608.0 | 1344.0 | 2576.1 | 1000.0 |
| 1992.0 | 5093.8 | 689.0 | 1509.1 | 2780.8 | 1118.0 |
| 1993.0 | 5294.7 | 782.8 | 1700.5 | 3008.0 | 1253.7 |
| 1994.0 | 5503.6 | 891.6 | 1923.5 | 3260.8 | 1410.0 |
| 1995.0 | 5720.7 | 1018.2 | 2184.3 | 3542.9 | 1591.0 |
| 1996.0 | 5946.4 | 1166.1 | 2490.9 | 3858.4 | 1801.0 |
| 1997.0 | 6181.0 | 1339.3 | 2852.7 | 4212.2 | 2045.8 |
| 1998.0 | 6424.0 | 1542.9 | 3281.6 | 4610.2 | 2332.1 |
| 1999.0 | 6678.4 | 1782.9 | 3792.4 | 5058.8 | 2668.0 |
| 2000.0 | 6941.9 | 2066.8 | 4403.5 | 5566.1 | 3063.8 |
| 2001.0 | 7215.7 | 2403.9 | 5138.3 | 6141.4 | 3531.9 |
| 2002.0 | 7500.4 | 2805.5 | 6026.4 | 6795.7 | 4087.7 |
| 2003.0 | 7796.3 | 3286.0 | 7105.5 | 7542.2 | 4750.8 |
| 2004.0 | 8103.9 | 3862.8 | 8424.0 | 8396.9 | 5544.9 |
| 2005.0 | 8423.6 | 4558.1 | 10044.5 | 9379.0 | 6509.5 |
| 2006.0 | 8756.0 | 5400.5 | 12049.0 | 10511.8 | 7656.6 |

Baluchistan 州沿岸人口

DYNAMO (REV.1) MINIPORT

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*** フリット リスト ***

| TIME | MPDP | GPOP |
|--------|---------|--------|
| E+00 | E+02 | E+00 |
| 1976.0 | 3672.4 | 18738. |
| 1977.0 | 3880.5 | 19727. |
| 1978.0 | 4092.4 | 20729. |
| 1979.0 | 4307.6 | 21740. |
| 1980.0 | 4525.2 | 22755. |
| 1981.0 | 4744.5 | 23771. |
| 1982.0 | 4964.8 | 24785. |
| 1983.0 | 5220.7 | 25967. |
| 1984.0 | 5489.8 | 27206. |
| 1985.0 | 5772.7 | 28505. |
| 1986.0 | 6070.3 | 29865. |
| 1987.0 | 6383.1 | 31290. |
| 1988.0 | 6712.1 | 32783. |
| 1989.0 | 7058.1 | 34348. |
| 1990.0 | 7421.9 | 35987. |
| 1991.0 | 7804.4 | 37704. |
| 1992.0 | 8206.7 | 39503. |
| 1993.0 | 8629.6 | 41386. |
| 1994.0 | 9074.4 | 43363. |
| 1995.0 | 9542.1 | 45432. |
| 1996.0 | 10033.9 | 47600. |
| 1997.0 | 10551.1 | 49872. |
| 1998.0 | 11094.9 | 52252. |
| 1999.0 | 11666.8 | 54745. |
| 2000.0 | 12268.1 | 57358. |
| 2001.0 | 12900.4 | 60095. |
| 2002.0 | 13565.3 | 62952. |
| 2003.0 | 14264.5 | 65967. |
| 2004.0 | 14999.7 | 69115. |
| 2005.0 | 15772.8 | 72413. |
| 2006.0 | 16585.7 | 75868. |

漁業者および労働人口

DYNAMO (REV.1) MINIPORT

PAGE 12

*** フリット リスト ***

| TIME | FM | BFH | XFM | TFM | AGLF | LF |
|--------|--------|--------|--------|---------|--------|--------|
| E+00 | E+02 | E+00 | E+02 | E+02 | E+04 | E+04 |
| 1976.0 | 928.7 | 17636. | 752.3 | 2172.9 | 2844.2 | 4939.6 |
| 1977.0 | 1060.4 | 20409. | 864.3 | 2400.8 | 2918.1 | 5068.0 |
| 1978.0 | 1128.5 | 20994. | 918.5 | 2685.9 | 2988.2 | 5189.6 |
| 1979.0 | 1191.8 | 21583. | 975.9 | 2886.3 | 3053.9 | 5303.7 |
| 1980.0 | 1258.6 | 22190. | 1036.7 | 3102.3 | 3115.0 | 5409.9 |
| 1981.0 | 1329.1 | 22814. | 1100.9 | 3335.2 | 3171.2 | 5507.4 |
| 1982.0 | 1403.4 | 23456. | 1168.9 | 3586.1 | 3222.0 | 5595.7 |
| 1983.0 | 1506.7 | 26607. | 1240.6 | 3881.5 | 3289.7 | 5713.2 |
| 1984.0 | 1588.8 | 27252. | 1316.3 | 4172.7 | 3358.8 | 5833.2 |
| 1985.0 | 1675.3 | 27913. | 1396.2 | 4486.6 | 3429.3 | 5955.7 |
| 1986.0 | 1766.3 | 28590. | 1480.4 | 4825.1 | 3501.3 | 6080.8 |
| 1987.0 | 1861.9 | 29285. | 1569.0 | 5190.0 | 3574.9 | 6208.5 |
| 1988.0 | 1962.4 | 29998. | 1662.4 | 5583.4 | 3650.0 | 6338.9 |
| 1989.0 | 2067.8 | 30729. | 1760.5 | 6007.7 | 3726.6 | 6472.1 |
| 1990.0 | 2178.5 | 31479. | 1863.7 | 6465.2 | 3804.9 | 6608.0 |
| 1991.0 | 2294.6 | 32248. | 1972.1 | 6958.6 | 3884.8 | 6746.8 |
| 1992.0 | 2416.1 | 33037. | 2085.8 | 7490.8 | 3966.4 | 6888.5 |
| 1993.0 | 2543.5 | 33846. | 2205.0 | 8064.8 | 4049.7 | 7033.2 |
| 1994.0 | 2676.7 | 34675. | 2329.9 | 8684.1 | 4134.7 | 7180.9 |
| 1995.0 | 2816.0 | 35523. | 2460.8 | 9352.3 | 4221.6 | 7331.7 |
| 1996.0 | 2961.6 | 36397. | 2597.6 | 10073.2 | 4310.2 | 7485.7 |
| 1997.0 | 3113.6 | 37291. | 2740.7 | 10851.3 | 4400.8 | 7642.9 |
| 1998.0 | 3246.2 | 38207. | 2864.2 | 11665.1 | 4493.2 | 7803.4 |
| 1999.0 | 3246.2 | 39146. | 2952.8 | 12504.2 | 4587.6 | 7967.3 |
| 2000.0 | 3445.2 | 40109. | 3044.1 | 13411.5 | 4683.9 | 8134.6 |
| 2001.0 | 3549.1 | 41095. | 3138.2 | 14322.8 | 4782.3 | 8305.5 |
| 2002.0 | 3656.2 | 42107. | 3235.1 | 15454.5 | 4882.7 | 8479.9 |
| 2003.0 | 3766.5 | 43144. | 3335.0 | 16603.4 | 4985.3 | 8658.0 |
| 2004.0 | 3879.7 | 44174. | 3438.0 | 17846.7 | 5090.0 | 8839.9 |
| 2005.0 | 3995.9 | 45182. | 3544.0 | 19192.3 | 5196.9 | 9025.5 |
| 2006.0 | 4115.4 | 46213. | 3653.3 | 20649.7 | 5306.0 | 9215.1 |

漁 船

DYNAMO (REV.1) MINIPORT

PAGE 13

*** フリット リスト ***

| TIME | FB | BFH | BHOTS | BHOT | XFB | XHOTS | XHOT | SAIL | TFB |
|--------|--------|--------|---------|--------|--------|---------|---------|---------|---------|
| E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 |
| 1976.0 | 8473. | 2268.2 | 0.08730 | 198.0 | 6205. | 0.35509 | 2202.7 | 7972. | 16445. |
| 1977.0 | 8795. | 2305.0 | 0.15590 | 311.8 | 6410. | 0.35190 | 2256.2 | 11025. | 19820. |
| 1978.0 | 9051. | 2440.8 | 0.16401 | 400.3 | 6610. | 0.37030 | 2447.8 | 12127. | 21179. |
| 1979.0 | 9314. | 2496.5 | 0.17254 | 430.7 | 6817. | 0.38956 | 2655.6 | 13340. | 22654. |
| 1980.0 | 9584. | 2553.5 | 0.18151 | 463.5 | 7030. | 0.40982 | 2881.1 | 14674. | 24258. |
| 1981.0 | 9862. | 2611.8 | 0.19095 | 498.7 | 7250. | 0.43113 | 3125.6 | 16142. | 26003. |
| 1982.0 | 10148. | 2671.4 | 0.20987 | 536.6 | 7476. | 0.45355 | 3390.8 | 17756. | 27903. |
| 1983.0 | 10442. | 2732.4 | 0.21132 | 5620.4 | 7703. | 0.47713 | 3678.4 | 19531. | 29873. |
| 1984.0 | 10745. | 2794.8 | 0.22230 | 1739.2 | 7950. | 0.50194 | 3990.4 | 21485. | 32229. |
| 1985.0 | 11056. | 2858.6 | 0.23386 | 1811.9 | 8198. | 0.52804 | 4328.7 | 23483. | 34689. |
| 1986.0 | 11377. | 2923.8 | 0.24602 | 1888.9 | 8453. | 0.55550 | 4695.7 | 25996. | 37373. |
| 1987.0 | 11707. | 2990.6 | 0.25882 | 1970.2 | 8716. | 0.58439 | 5093.7 | 28596. | 40303. |
| 1988.0 | 12046. | 3058.8 | 0.27223 | 2056.4 | 8987. | 0.61477 | 5525.3 | 31456. | 43502. |
| 1989.0 | 12396. | 3128.6 | 0.28643 | 2147.6 | 9267. | 0.64674 | 5993.4 | 34601. | 46997. |
| 1990.0 | 12755. | 3209.1 | 0.30133 | 2244.3 | 9555. | 0.68037 | 6501.0 | 38061. | 50816. |
| 1991.0 | 13125. | 3273.1 | 0.31700 | 2346.8 | 9852. | 0.71575 | 7051.5 | 41857. | 54992. |
| 1992.0 | 13506. | 3347.8 | 0.33348 | 2455.6 | 10158. | 0.75297 | 7648.6 | 46054. | 59560. |
| 1993.0 | 13897. | 3424.2 | 0.35082 | 2571.0 | 10473. | 0.79213 | 8296.0 | 50660. | 64557. |
| 1994.0 | 14309. | 3502.4 | 0.36907 | 2693.6 | 10798. | 0.83332 | 8998.1 | 55726. | 70026. |
| 1995.0 | 14715. | 3582.3 | 0.38826 | 2823.8 | 11131. | 0.87665 | 9759.5 | 61298. | 76013. |
| 1996.0 | 15142. | 3664.1 | 0.40845 | 2962.2 | 11478. | 0.92224 | 10585.1 | 67428. | 82570. |
| 1997.0 | 15581. | 3747.7 | 0.42969 | 3103.5 | 11833. | 0.97019 | 11480.4 | 74171. | 89752. |
| 1998.0 | 16033. | 3833.3 | 0.45203 | 3266.1 | 12199. | 1.00000 | 12199.5 | 81588. | 97620. |
| 1999.0 | 16498. | 3920.8 | 0.47554 | 3432.8 | 12577. | 1.00000 | 12576.9 | 89745. | 106244. |
| 2000.0 | 16976. | 4010.3 | 0.50026 | 3610.3 | 12966. | 1.00000 | 12965.8 | 98721. | 115697. |
| 2001.0 | 17468. | 4101.8 | 0.52628 | 3799.4 | 13367. | 1.00000 | 13365.6 | 108531. | 126062. |
| 2002.0 | 17975. | 4195.5 | 0.55364 | 4001.0 | 13780. | 1.00000 | 13779.6 | 119453. | 137428. |
| 2003.0 | 18496. | 4291.2 | 0.58243 | 4215.8 | 14205. | 1.00000 | 14205.1 | 131398. | 149894. |
| 2004.0 | 19033. | 4389.2 | 1.00000 | 4389.2 | 14644. | 1.00000 | 14643.5 | 144538. | 163570. |
| 2005.0 | 19585. | 4489.4 | 1.00000 | 4489.4 | 15095. | 1.00000 | 15095.3 | 158991. | 178576. |
| 2006.0 | 20153. | 4591.8 | 1.00000 | 4591.8 | 15561. | 1.00000 | 15560.8 | 174891. | 195043. |

漁 獲 高

DYNARD (REV.1) MINIPORT

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*** フリント リスト ***

| TIME | MT | SHI | XHT | SHT | THT | GPFF |
|--------|---------|--------|--------|--------|---------|---------|
| E+00 | E+02 | E+02 | E+02 | E+02 | E+02 | E+06 |
| 1976.0 | 1772.0 | 493.8 | 1278.2 | 284.9 | 2056.9 | 512.2 |
| 1977.0 | 2153.3 | 688.1 | 1465.2 | 331.4 | 2484.7 | 679.8 |
| 1978.0 | 2300.0 | 722.0 | 1578.0 | 364.6 | 2664.5 | 779.0 |
| 1979.0 | 2457.6 | 757.6 | 1700.0 | 401.0 | 2858.6 | 892.9 |
| 1980.0 | 2627.4 | 795.4 | 1832.0 | 441.1 | 3068.5 | 1024.2 |
| 1981.0 | 2810.4 | 835.7 | 1974.7 | 485.2 | 3295.6 | 1175.3 |
| 1982.0 | 3007.7 | 876.7 | 2129.0 | 533.7 | 3541.4 | 1349.5 |
| 1983.0 | 4202.4 | 1906.4 | 2296.1 | 587.1 | 4789.6 | 1950.1 |
| 1984.0 | 4454.3 | 1977.5 | 2476.8 | 645.8 | 5100.1 | 2218.8 |
| 1985.0 | 4724.7 | 2052.3 | 2672.4 | 710.4 | 5435.1 | 2526.5 |
| 1986.0 | 5015.1 | 2131.1 | 2884.1 | 781.5 | 5796.6 | 2879.1 |
| 1987.0 | 5327.2 | 2214.1 | 3113.1 | 859.6 | 6186.8 | 3283.5 |
| 1988.0 | 5662.7 | 2301.6 | 3361.1 | 945.6 | 6608.3 | 3747.4 |
| 1989.0 | 6023.5 | 2394.0 | 3629.6 | 1040.1 | 7093.9 | 4279.9 |
| 1990.0 | 6411.5 | 2491.4 | 3920.2 | 1144.1 | 7555.7 | 4891.7 |
| 1991.0 | 6829.2 | 2594.4 | 4234.8 | 1258.5 | 8087.7 | 5594.8 |
| 1992.0 | 7278.6 | 2703.2 | 4575.4 | 1384.4 | 8663.0 | 6403.3 |
| 1993.0 | 7762.6 | 2818.2 | 4944.3 | 1522.8 | 9285.4 | 7333.4 |
| 1994.0 | 9283.7 | 2940.0 | 5343.7 | 1675.1 | 9958.8 | 8404.1 |
| 1995.0 | 3845.2 | 3068.9 | 5776.3 | 1842.6 | 10587.8 | 9637.1 |
| 1996.0 | 9450.1 | 3205.4 | 6244.8 | 2026.9 | 11477.0 | 11057.6 |
| 1997.0 | 10102.2 | 3350.1 | 6752.1 | 2229.6 | 12331.7 | 12695.0 |
| 1998.0 | 10665.8 | 3503.5 | 7162.3 | 2452.5 | 13118.3 | 14429.8 |
| 1999.0 | 11050.2 | 3666.3 | 7383.9 | 2697.8 | 13747.9 | 16158.2 |
| 2000.0 | 11451.3 | 3839.0 | 7512.3 | 2967.6 | 14418.9 | 18107.6 |
| 2001.0 | 11870.1 | 4022.5 | 7847.6 | 3264.3 | 15134.4 | 20308.1 |
| 2002.0 | 12307.5 | 4217.5 | 8090.0 | 3590.7 | 15898.3 | 22794.4 |
| 2003.0 | 12764.6 | 4424.8 | 8339.8 | 3949.8 | 16714.4 | 25606.2 |
| 2004.0 | 13192.3 | 4595.1 | 8597.2 | 4344.8 | 17537.1 | 28706.9 |
| 2005.0 | 13562.4 | 4700.0 | 8862.5 | 4779.3 | 18341.7 | 32080.6 |
| 2006.0 | 13943.0 | 4807.2 | 9135.7 | 5257.2 | 19200.2 | 35882.5 |

付表 A 8 - 1 (4) シミュレーション - 3

国内総生産 (1959/60年価格)

DYNAMO (REV.1) MINIPORT

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*** プリント リスト ***

| TIME | POP | GDP1 | GDP2 | GDP3 | GDP |
|--------|--------|--------|--------|---------|--------|
| E+00 | E+05 | E+07 | E+07 | E+07 | E+08 |
| 1976.0 | 734.3 | 1395.1 | 808.2 | 1802.9 | 400.6 |
| 1977.0 | 756.3 | 1423.9 | 855.1 | 1944.0 | 422.3 |
| 1978.0 | 777.5 | 1456.0 | 919.4 | 2088.4 | 445.6 |
| 1979.0 | 797.7 | 1482.2 | 978.9 | 2228.8 | 469.0 |
| 1980.0 | 816.9 | 1503.4 | 1038.6 | 2374.6 | 491.7 |
| 1981.0 | 834.9 | 1521.5 | 1098.4 | 2524.5 | 514.6 |
| 1982.0 | 851.6 | 1536.0 | 1158.0 | 2677.9 | 537.2 |
| 1983.0 | 872.9 | 1558.0 | 1221.1 | 2838.7 | 561.8 |
| 1984.0 | 894.7 | 1572.1 | 1288.3 | 3007.9 | 586.8 |
| 1985.0 | 917.0 | 1586.8 | 1360.1 | 3187.4 | 613.4 |
| 1986.0 | 940.0 | 1602.7 | 1437.6 | 3379.6 | 642.0 |
| 1987.0 | 963.5 | 1620.6 | 1522.0 | 3586.5 | 672.9 |
| 1988.0 | 987.6 | 1641.0 | 1614.8 | 3810.6 | 706.6 |
| 1989.0 | 1012.2 | 1664.4 | 1717.5 | 4054.4 | 742.8 |
| 1990.0 | 1037.5 | 1691.3 | 1831.8 | 4320.7 | 784.4 |
| 1991.0 | 1063.5 | 1722.2 | 1959.9 | 4612.6 | 829.5 |
| 1992.0 | 1090.1 | 1757.8 | 2103.9 | 4933.7 | 879.5 |
| 1993.0 | 1117.3 | 1798.3 | 2266.6 | 5287.9 | 935.3 |
| 1994.0 | 1145.3 | 1844.5 | 2451.2 | 5679.7 | 997.5 |
| 1995.0 | 1173.9 | 1896.9 | 2661.3 | 6114.4 | 1067.3 |
| 1996.0 | 1203.2 | 1956.3 | 2901.4 | 6597.9 | 1145.5 |
| 1997.0 | 1233.3 | 2023.3 | 3176.7 | 7136.8 | 1233.7 |
| 1998.0 | 1264.1 | 2098.9 | 3493.7 | 7739.4 | 1333.2 |
| 1999.0 | 1295.8 | 2184.1 | 3859.9 | 8414.7 | 1445.9 |
| 2000.0 | 1328.1 | 2280.0 | 4284.9 | 9173.5 | 1573.8 |
| 2001.0 | 1361.4 | 2387.6 | 4780.0 | 10028.5 | 1719.6 |
| 2002.0 | 1395.4 | 2508.9 | 5359.4 | 10994.8 | 1886.3 |
| 2003.0 | 1430.3 | 2645.8 | 6040.9 | 12090.2 | 2077.7 |
| 2004.0 | 1466.0 | 2800.5 | 6846.4 | 13336.2 | 2298.3 |
| 2005.0 | 1502.7 | 2975.8 | 7804.1 | 14758.7 | 2553.9 |
| 2006.0 | 1540.2 | 3175.0 | 8949.4 | 16389.0 | 2851.3 |

インプットデータの条件
 1. 輸入係数可変量 4000000トン
 /年の割合条件を付す。
 2. 1983年開始時点での変動数
 月比率50%K7アップ

国内総生産 (名目価格)

DYNAMO (REV.1) MINIPORT

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*** プリント リスト ***

| TIME | GDP1C | GDP2C | GDP3C | GDP C |
|--------|---------|---------|--------|---------|
| E+00 | E+08 | E+08 | E+09 | E+09 |
| 1976.0 | 435.1 | 292.0 | 60.1 | 132.8 |
| 1977.0 | 494.3 | 324.1 | 70.7 | 152.6 |
| 1978.0 | 559.7 | 383.7 | 83.4 | 177.7 |
| 1979.0 | 629.3 | 449.8 | 97.6 | 205.5 |
| 1980.0 | 706.0 | 525.3 | 114.1 | 237.2 |
| 1981.0 | 790.2 | 611.7 | 133.0 | 273.2 |
| 1982.0 | 882.3 | 710.1 | 154.8 | 314.0 |
| 1983.0 | 989.8 | 824.4 | 180.0 | 361.4 |
| 1984.0 | 1104.6 | 957.6 | 209.3 | 415.5 |
| 1985.0 | 1233.1 | 1113.1 | 243.3 | 477.9 |
| 1986.0 | 1377.5 | 1295.3 | 282.9 | 550.2 |
| 1987.0 | 1540.6 | 1509.9 | 329.4 | 634.4 |
| 1988.0 | 1725.3 | 1763.7 | 383.9 | 732.8 |
| 1989.0 | 1935.3 | 2065.3 | 448.1 | 848.2 |
| 1990.0 | 2175.1 | 2425.3 | 523.9 | 983.9 |
| 1991.0 | 2449.7 | 2856.9 | 613.5 | 1144.2 |
| 1992.0 | 2765.2 | 3376.7 | 719.9 | 1334.0 |
| 1993.0 | 3128.9 | 4005.2 | 846.4 | 1559.8 |
| 1994.0 | 3549.4 | 4768.8 | 997.3 | 1829.1 |
| 1995.0 | 4037.2 | 5700.9 | 1177.8 | 2151.5 |
| 1996.0 | 4604.9 | 6842.5 | 1394.2 | 2538.9 |
| 1997.0 | 5267.5 | 8245.5 | 1654.3 | 3005.9 |
| 1998.0 | 6043.6 | 9987.8 | 1968.0 | 3571.2 |
| 1999.0 | 6955.4 | 12149.3 | 2347.3 | 4257.7 |
| 2000.0 | 8030.5 | 14849.0 | 2807.2 | 5095.1 |
| 2001.0 | 9301.1 | 18237.9 | 3366.5 | 6129.4 |
| 2002.0 | 10809.5 | 22514.0 | 4048.9 | 7381.2 |
| 2003.0 | 12607.6 | 27939.6 | 4884.1 | 8938.9 |
| 2004.0 | 14759.3 | 34863.6 | 5910.1 | 10872.4 |
| 2005.0 | 17345.5 | 43753.9 | 7174.9 | 13284.8 |
| 2006.0 | 20468.2 | 55243.2 | 8740.3 | 16311.5 |

Baluchistan 州 GRDP

DYNAMO (REV.1) MINIPORT

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*** プリントアウト ***

| TIME | BPDP | BGPP1 | BGPP2 | BGPP3 | BGPP |
|--------|--------|--------|---------|---------|--------|
| E+00 | E+03 | E+05 | E+04 | E+04 | E+05 |
| 1976.0 | 2742.6 | 101.9 | 297.0 | 882.7 | 219.9 |
| 1977.0 | 2864.7 | 116.2 | 313.1 | 955.3 | 243.1 |
| 1978.0 | 2986.5 | 132.1 | 352.2 | 1035.9 | 270.9 |
| 1979.0 | 3107.3 | 149.2 | 392.2 | 1115.7 | 299.9 |
| 1980.0 | 3226.8 | 168.0 | 435.2 | 1199.7 | 331.5 |
| 1981.0 | 3344.3 | 188.8 | 481.4 | 1287.2 | 365.7 |
| 1982.0 | 3459.3 | 211.6 | 530.8 | 1378.0 | 402.5 |
| 1983.0 | 3595.8 | 238.4 | 585.5 | 1474.3 | 444.4 |
| 1984.0 | 3737.7 | 267.1 | 646.1 | 1576.6 | 489.4 |
| 1985.0 | 3885.1 | 299.8 | 713.4 | 1686.1 | 539.3 |
| 1986.0 | 4038.4 | 335.8 | 788.7 | 1804.3 | 595.1 |
| 1987.0 | 4197.7 | 377.0 | 873.4 | 1932.5 | 657.6 |
| 1988.0 | 4363.3 | 423.9 | 969.2 | 2072.2 | 728.0 |
| 1989.0 | 4535.5 | 477.4 | 1078.2 | 2225.1 | 807.7 |
| 1990.0 | 4714.4 | 538.7 | 1202.9 | 2393.2 | 898.3 |
| 1991.0 | 4900.4 | 609.1 | 1346.1 | 2578.5 | 1001.6 |
| 1992.0 | 5093.8 | 690.3 | 1511.4 | 2783.4 | 1119.8 |
| 1993.0 | 5294.7 | 784.2 | 1703.1 | 3010.8 | 1255.6 |
| 1994.0 | 5503.6 | 893.2 | 1926.4 | 3263.9 | 1412.2 |
| 1995.0 | 5720.7 | 1020.0 | 2187.7 | 3546.1 | 1593.4 |
| 1996.0 | 5946.4 | 1168.1 | 2494.6 | 3861.8 | 1803.7 |
| 1997.0 | 6181.0 | 1341.5 | 2856.9 | 4215.9 | 2048.8 |
| 1998.0 | 6424.9 | 1545.3 | 3286.3 | 4614.1 | 2335.4 |
| 1999.0 | 6678.4 | 1785.6 | 3797.7 | 5063.0 | 2671.7 |
| 2000.0 | 6941.9 | 2069.8 | 4409.5 | 5570.6 | 3067.9 |
| 2001.0 | 7215.7 | 2406.9 | 5145.0 | 6146.1 | 3536.0 |
| 2002.0 | 7500.4 | 2808.5 | 6033.8 | 6800.5 | 4091.9 |
| 2003.0 | 7796.3 | 3288.7 | 7113.4 | 7547.2 | 4754.8 |
| 2004.0 | 8103.9 | 3865.4 | 8432.5 | 8401.9 | 5548.9 |
| 2005.0 | 8423.6 | 4560.9 | 10053.6 | 9384.0 | 6504.7 |
| 2006.0 | 8756.0 | 5403.5 | 12058.9 | 10516.9 | 7661.1 |

Baluchistan 州 沿岸人口

DYNAMO (REV.1) MINIPORT

PAGE 18

*** プリントアウト ***

| TIME | NPDP | GPDP |
|--------|---------|--------|
| E+00 | E+02 | E+00 |
| 1976.0 | 3672.4 | 18738. |
| 1977.0 | 3880.5 | 19727. |
| 1978.0 | 4092.4 | 20729. |
| 1979.0 | 4307.6 | 21740. |
| 1980.0 | 4525.2 | 22755. |
| 1981.0 | 4744.5 | 23771. |
| 1982.0 | 4964.8 | 24785. |
| 1983.0 | 5220.7 | 25967. |
| 1984.0 | 5489.8 | 27206. |
| 1985.0 | 5772.7 | 28505. |
| 1986.0 | 6070.3 | 29865. |
| 1987.0 | 6383.1 | 31290. |
| 1988.0 | 6712.1 | 32783. |
| 1989.0 | 7058.1 | 34348. |
| 1990.0 | 7421.9 | 35987. |
| 1991.0 | 7804.4 | 37704. |
| 1992.0 | 8206.7 | 39503. |
| 1993.0 | 8629.6 | 41388. |
| 1994.0 | 9074.4 | 43363. |
| 1995.0 | 9542.1 | 45432. |
| 1996.0 | 10033.9 | 47600. |
| 1997.0 | 10551.1 | 49872. |
| 1998.0 | 11094.9 | 52252. |
| 1999.0 | 11666.8 | 54745. |
| 2000.0 | 12268.1 | 57358. |
| 2001.0 | 12900.4 | 60095. |
| 2002.0 | 13565.3 | 62962. |
| 2003.0 | 14264.5 | 65967. |
| 2004.0 | 14999.7 | 69115. |
| 2005.0 | 15772.8 | 72413. |
| 2006.0 | 16585.7 | 75868. |

漁業者および労働人口

DYNAMO (REV.1) MINIPORT

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*** フロント リスト ***

| TIME | FM | BFM | XFM | TFM | AGLF | LF |
|--------|--------|---------|--------|---------|--------|--------|
| E+00 | E+02 | E+00 | E+02 | E+02 | E+04 | E+04 |
| 1976.0 | 928.7 | 1763.6 | 752.3 | 2172.9 | 2844.2 | 4939.6 |
| 1977.0 | 1068.4 | 2040.9 | 864.3 | 2499.8 | 2918.1 | 5068.0 |
| 1978.0 | 1128.5 | 20794.1 | 918.5 | 2685.9 | 2988.2 | 5189.6 |
| 1979.0 | 1191.8 | 21583.3 | 975.9 | 2886.3 | 3053.9 | 5303.7 |
| 1980.0 | 1258.6 | 22190.1 | 1036.7 | 3102.3 | 3115.0 | 5409.9 |
| 1981.0 | 1329.1 | 22814.1 | 1100.9 | 3335.2 | 3171.2 | 5507.4 |
| 1982.0 | 1403.4 | 23456.1 | 1168.9 | 3586.1 | 3222.0 | 5595.7 |
| 1983.0 | 1507.6 | 26906.1 | 1240.6 | 3824.5 | 3284.7 | 5713.2 |
| 1984.0 | 1591.8 | 27550.1 | 1316.3 | 4175.7 | 3358.8 | 5833.2 |
| 1985.0 | 1678.3 | 28219.1 | 1395.2 | 4489.6 | 3429.3 | 5955.7 |
| 1986.0 | 1769.2 | 28887.1 | 1480.4 | 4828.1 | 3501.3 | 6080.8 |
| 1987.0 | 1864.8 | 29581.1 | 1569.0 | 5192.9 | 3574.9 | 6208.5 |
| 1988.0 | 1965.3 | 30292.1 | 1652.4 | 5586.4 | 3650.0 | 6338.9 |
| 1989.0 | 2070.8 | 31021.1 | 1760.5 | 6010.6 | 3726.6 | 6472.1 |
| 1990.0 | 2181.4 | 31769.1 | 1863.7 | 6468.1 | 3804.9 | 6608.0 |
| 1991.0 | 2297.4 | 32535.1 | 1972.1 | 6961.5 | 3884.8 | 6746.8 |
| 1992.0 | 2419.0 | 33321.1 | 2085.8 | 7493.6 | 3966.4 | 6888.5 |
| 1993.0 | 2546.3 | 34127.1 | 2205.0 | 8067.6 | 4049.7 | 7033.2 |
| 1994.0 | 2679.5 | 34951.1 | 2329.7 | 8686.9 | 4134.7 | 7180.9 |
| 1995.0 | 2818.8 | 35799.1 | 2460.8 | 9355.0 | 4221.6 | 7331.7 |
| 1996.0 | 2964.3 | 36667.1 | 2597.6 | 10075.9 | 4310.2 | 7485.7 |
| 1997.0 | 3116.3 | 37557.1 | 2740.7 | 10854.0 | 4400.8 | 7642.9 |
| 1998.0 | 3249.8 | 38469.1 | 2864.2 | 11667.7 | 4493.2 | 7803.4 |
| 1999.0 | 3346.8 | 39403.1 | 2952.8 | 12506.8 | 4587.6 | 7967.3 |
| 2000.0 | 3447.7 | 40361.1 | 3044.1 | 13414.0 | 4683.9 | 8134.6 |
| 2001.0 | 3551.0 | 41282.1 | 3138.2 | 14334.7 | 4782.3 | 8305.5 |
| 2002.0 | 3657.4 | 42224.1 | 3235.1 | 15255.7 | 4882.7 | 8479.9 |
| 2003.0 | 3766.9 | 43188.1 | 3335.0 | 16203.8 | 4985.3 | 8658.0 |
| 2004.0 | 3879.7 | 44174.1 | 3438.0 | 17186.7 | 5090.0 | 8839.9 |
| 2005.0 | 3995.9 | 45182.1 | 3544.0 | 19192.3 | 5196.9 | 9025.5 |
| 2006.0 | 4115.4 | 46213.1 | 3653.3 | 20649.7 | 5306.0 | 9215.1 |

漁 船

DYNAMO (REV.1) MINIPORT

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*** フロント リスト ***

| TIME | FB | BFB | BMOTS | BMOT | XFB | XMOTS | XMOT | SAIL | TFB |
|--------|---------|--------|---------|--------|---------|---------|---------|----------|----------|
| E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 | E+00 |
| 1976.0 | 8473.1 | 2268.2 | 0.08730 | 198.0 | 6205.1 | 0.35500 | 2202.7 | 7972.1 | 16445.1 |
| 1977.0 | 8795.1 | 2385.0 | 0.15590 | 371.8 | 6410.1 | 0.35198 | 2256.2 | 11025.1 | 19820.1 |
| 1978.0 | 9051.1 | 2440.8 | 0.16401 | 400.3 | 6610.1 | 0.37030 | 2447.8 | 12127.1 | 21179.1 |
| 1979.0 | 9314.1 | 2496.5 | 0.17254 | 430.7 | 6817.1 | 0.38956 | 2655.6 | 13340.1 | 22654.1 |
| 1980.0 | 9584.1 | 2553.5 | 0.18151 | 463.5 | 7030.1 | 0.40982 | 2881.1 | 14674.1 | 24258.1 |
| 1981.0 | 9862.1 | 2611.8 | 0.19095 | 498.7 | 7250.1 | 0.43113 | 3125.6 | 16142.1 | 26003.1 |
| 1982.0 | 10148.1 | 2671.4 | 0.20087 | 536.6 | 7476.1 | 0.45355 | 3390.8 | 17756.1 | 27903.1 |
| 1983.0 | 10442.1 | 2732.4 | 0.21132 | 576.6 | 7709.1 | 0.47713 | 3678.4 | 19531.1 | 29973.1 |
| 1984.0 | 10745.1 | 2794.8 | 0.22230 | 618.7 | 7950.1 | 0.50194 | 3990.4 | 21485.1 | 32229.1 |
| 1985.0 | 11056.1 | 2858.5 | 0.23386 | 663.8 | 8198.1 | 0.52804 | 4328.7 | 23533.1 | 34589.1 |
| 1986.0 | 11377.1 | 2923.8 | 0.24602 | 711.2 | 8453.1 | 0.55550 | 4695.7 | 25996.1 | 37373.1 |
| 1987.0 | 11707.1 | 2990.6 | 0.25882 | 760.3 | 8715.1 | 0.58439 | 5093.7 | 28996.1 | 40303.1 |
| 1988.0 | 12046.1 | 3058.8 | 0.27228 | 811.3 | 8987.1 | 0.61477 | 5525.3 | 31456.1 | 43502.1 |
| 1989.0 | 12396.1 | 3128.6 | 0.28643 | 864.5 | 9267.1 | 0.64674 | 5993.4 | 34601.1 | 46997.1 |
| 1990.0 | 12755.1 | 3200.1 | 0.30133 | 920.3 | 9555.1 | 0.68037 | 6501.0 | 38061.1 | 50816.1 |
| 1991.0 | 13125.1 | 3273.1 | 0.31700 | 978.4 | 9852.1 | 0.71575 | 7051.5 | 41867.1 | 54992.1 |
| 1992.0 | 13506.1 | 3347.8 | 0.33348 | 1038.3 | 10158.1 | 0.75297 | 7648.5 | 46054.1 | 59550.1 |
| 1993.0 | 13897.1 | 3424.2 | 0.35082 | 1099.4 | 10473.1 | 0.79213 | 8296.0 | 50660.1 | 64557.1 |
| 1994.0 | 14309.1 | 3502.4 | 0.36907 | 1162.8 | 10798.1 | 0.83332 | 8998.1 | 55726.1 | 70025.1 |
| 1995.0 | 14715.1 | 3582.1 | 0.38825 | 1228.0 | 11132.1 | 0.87655 | 9759.5 | 61298.1 | 76013.1 |
| 1996.0 | 15142.1 | 3664.1 | 0.40846 | 1294.6 | 11478.1 | 0.92224 | 10585.1 | 67428.1 | 82570.1 |
| 1997.0 | 15581.1 | 3747.7 | 0.42969 | 1362.4 | 11833.1 | 0.97019 | 11480.4 | 74171.1 | 89752.1 |
| 1998.0 | 16033.1 | 3833.3 | 0.45203 | 1431.4 | 12199.1 | 1.00000 | 12199.5 | 81588.1 | 97620.1 |
| 1999.0 | 16498.1 | 3920.8 | 0.47554 | 1501.9 | 12577.1 | 1.00000 | 12576.9 | 89745.1 | 106244.1 |
| 2000.0 | 16976.1 | 4010.3 | 1.00000 | 1574.0 | 12966.1 | 1.00000 | 12965.8 | 98721.1 | 115697.1 |
| 2001.0 | 17468.1 | 4101.8 | 1.00000 | 1647.8 | 13367.1 | 1.00000 | 13365.6 | 108593.1 | 126062.1 |
| 2002.0 | 17975.1 | 4195.5 | 1.00000 | 1723.0 | 13780.1 | 1.00000 | 13779.6 | 119453.1 | 137428.1 |
| 2003.0 | 18496.1 | 4291.2 | 1.00000 | 1800.2 | 14205.1 | 1.00000 | 14205.1 | 131398.1 | 149894.1 |
| 2004.0 | 19033.1 | 4389.2 | 1.00000 | 1879.2 | 14644.1 | 1.00000 | 14643.5 | 144538.1 | 163570.1 |
| 2005.0 | 19585.1 | 4489.4 | 1.00000 | 1960.4 | 15095.1 | 1.00000 | 15095.3 | 158991.1 | 178576.1 |
| 2006.0 | 20153.1 | 4591.8 | 1.00000 | 2043.8 | 15561.1 | 1.00000 | 15560.8 | 174891.1 | 195043.1 |

漁 獲 高

DYNAMO (REV.1) MINIPORT

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*** フラット ユズ ***

| TIME | NY | QNT | XMT | SMT | TMT | GDPF |
|--------|---------|--------|--------|--------|---------|--------|
| E+09 | E+02 | E+02 | E+02 | E+02 | E+02 | E+07 |
| 1976.0 | 1772.0 | 493.8 | 1278.2 | 284.9 | 2056.9 | 51.2 |
| 1977.0 | 2153.3 | 688.1 | 1465.2 | 331.4 | 2484.7 | 68.0 |
| 1978.0 | 2300.0 | 722.0 | 1578.0 | 364.6 | 2664.5 | 77.9 |
| 1979.0 | 2457.6 | 757.6 | 1700.0 | 401.0 | 2858.6 | 89.3 |
| 1980.0 | 2627.4 | 795.4 | 1832.0 | 441.1 | 3068.5 | 102.4 |
| 1981.0 | 2810.4 | 835.7 | 1974.7 | 485.2 | 3295.6 | 117.5 |
| 1982.0 | 3007.7 | 878.7 | 2129.0 | 533.7 | 3541.4 | 134.9 |
| 1983.0 | 4447.9 | 2151.9 | 2296.1 | 587.1 | 5035.1 | 205.0 |
| 1984.0 | 4705.4 | 2228.6 | 2475.8 | 645.8 | 5351.2 | 232.8 |
| 1985.0 | 4981.5 | 2307.1 | 2672.4 | 710.4 | 5691.9 | 264.6 |
| 1986.0 | 5277.8 | 2393.8 | 2884.1 | 781.5 | 6059.3 | 301.0 |
| 1987.0 | 5595.9 | 2482.8 | 3113.1 | 859.6 | 6455.5 | 342.6 |
| 1988.0 | 5937.6 | 2576.5 | 3361.1 | 945.6 | 6883.1 | 390.3 |
| 1989.0 | 6304.6 | 2675.1 | 3623.6 | 1040.1 | 7344.7 | 445.0 |
| 1990.0 | 6699.1 | 2779.0 | 3920.2 | 1144.1 | 7843.2 | 507.8 |
| 1991.0 | 7123.3 | 2888.5 | 4234.8 | 1258.5 | 8381.8 | 579.8 |
| 1992.0 | 7579.4 | 3004.0 | 4575.4 | 1384.4 | 8963.8 | 662.6 |
| 1993.0 | 8070.2 | 3125.9 | 4944.3 | 1522.8 | 9593.0 | 757.6 |
| 1994.0 | 8598.4 | 3254.7 | 5343.7 | 1675.1 | 10273.5 | 867.0 |
| 1995.0 | 9167.0 | 3390.7 | 5776.3 | 1842.6 | 11009.6 | 992.7 |
| 1996.0 | 9779.3 | 3534.6 | 6244.0 | 2026.9 | 11806.2 | 1137.5 |
| 1997.0 | 10438.9 | 3686.8 | 6752.1 | 2229.6 | 12668.5 | 1304.2 |
| 1998.0 | 11010.2 | 3847.9 | 7162.3 | 2452.5 | 13462.7 | 1480.9 |
| 1999.0 | 11492.4 | 4018.5 | 7383.9 | 2697.8 | 14100.2 | 1657.2 |
| 2000.0 | 11810.7 | 4198.4 | 7612.3 | 2967.6 | 14778.2 | 1855.9 |
| 2001.0 | 12141.8 | 4294.2 | 7847.6 | 3264.3 | 15405.1 | 2067.3 |
| 2002.0 | 12482.3 | 4392.3 | 8090.0 | 3590.7 | 16073.0 | 2304.5 |
| 2003.0 | 12832.3 | 4492.5 | 8339.8 | 3949.8 | 16782.2 | 2571.0 |
| 2004.0 | 13192.3 | 4595.1 | 8597.2 | 4344.8 | 17537.1 | 2870.7 |
| 2005.0 | 13562.4 | 4700.0 | 8862.5 | 4779.3 | 18341.7 | 3208.1 |
| 2006.0 | 13943.0 | 4807.2 | 9135.7 | 5257.2 | 19200.2 | 3588.3 |

*** シミュレーション あり

*** DYNAMO あり

シミュレーション、DYNAMO エント 72.25(H)

/0177

付表A8-3 照台データ(1)

| | | | | | | | | | | |
|----------------|-----------------------------|-------|------|-------|----------------|--------|-----|------|---------------|---------|
| ○漁業者 | | | | | | | | | | (単位：人) |
| 年 | Baluchistan州沿岸(Gwadarを除いた数) | | | | | | | | Gwadar | |
| 1976 | 17,868(12,197) | | | | | | | | 5,671 | |
| 1977 | 17,636(11,139) | | | | | | | | 6,297 | |
| ○全漁船 | | | | | | | | | | (単位：隻) |
| 1976 | 2,268(1,502) | | | | | | | | 766 | |
| 1977 | 2,340(1,544) | | | | | | | | 796 | |
| ○トン階級別漁船 | | | | | | | | | | (単位：隻) |
| | (~1 ¹) | 1~5 | 6~15 | 16~25 | 動力付) | (~1 | 1~5 | 6~15 | 16~25 | 動力付) |
| 1976 | データなし | | | | 198(167) | データなし | | | | 31 |
| 1977 | 644 | 435 | 842 | 56 | 363(205) | 278 | 73 | 258 | 29 | 158 |
| ○漁獲高 | | | | | | | | | | (単位：トン) |
| | 合計 | | | | 商業用および工業用 | | | | 合計 商業用および工業用 | |
| 1976 | 49,373(データなし) | | | | 45,573(31,511) | | | | データなし 14,062 | |
| 1977 | 68,848(47,980) | | | | 64,348(44,450) | | | | 20,868 19,898 | |
| ○水産物の処理方法 | | | | | | | | | | (単位：トン) |
| | 合計 | 冷蔵 | 缶詰 | 魚粉 | 乾燥 | 合計 | 冷蔵 | 缶詰 | 魚粉 | 乾燥 |
| 1976 | 45,573 | 4,051 | 0 | 7,653 | 28,517 | 14,062 | 493 | 0 | 1,328 | 10,606 |
| 1977 | 64,348 | 5,530 | 0 | 6,422 | 31,807 | 19,898 | 320 | 0 | 1,092 | 9,431 |
| ○スリランカへの塩乾品の輸出 | | | | | | | | | | (単位：トン) |
| | 製品合計 | | | | スリランカへ輸出 | | | | 製品合計 スリランカへ輸出 | |
| 1976 | 28,517 | | | | 15,682 | | | | 10,606 データなし | |
| 1977 | 31,807 | | | | 6,639 | | | | 9,431 1,647 | |

付表 A 8-4 照合データ(2)

生産量の変動(単位トン)

| 製 品 別 | 全 国 | | | Baluchistan 州沿岸 | | |
|---------|--------|--------|---------|-----------------|--------|---------|
| | 1976 | 1977 | 変 動 (%) | 1976 | 1977 | 変 動 (%) |
| 冷 凍 冷 蔵 | 12,581 | 13,050 | 3.7 | 4,051 | 5,930 | 46.4 |
| 缶 詰 | 8,055 | 6,715 | △16.6 | 0 | 0 | 0 |
| 乾 燥 | 36,477 | 38,617 | 5.9 | 28,517 | 31,807 | 11.5 |
| 魚 粉 | 78,603 | 97,187 | 23.6 | 7,653 | 6,422 | △16.1 |

輸出高変動(全国ベース)

| 魚 | 1976 | | 1977 | |
|------------------|---------|----------|---------------|---------------|
| | 貨物量(トン) | 価額(百万ルビ) | 貨物量トン(変動%) | 価額(百万ルビ)(変動%) |
| 塩 乾 品 | 4,448 | 35.95 | 5,876(32.10) | 34.10(△5.15) |
| 冷 凍 品 | 412 | 6.21 | 195(△52.67) | 3.53(△43.16) |
| 冷 蔵 品 | 0 | 0 | 105 | 1.47 |
| 塩 蔵 品 | 0 | 0 | 20 | 0.23 |
| 乾 燥 品 | 0 | 0 | 5 | 0.08 |
| <u>エビおよびイセエビ</u> | | | | |
| エ ビ | 6,855 | 323.51 | 6,051(△11.73) | 301.07(△6.94) |
| 冷 凍 エ ビ | 4,095 | 218.90 | 4,450(8.67) | 240.37(9.81) |
| エ ビ 缶 詰 | 1,611 | 56.18 | 1,343(△16.64) | 55.46(△1.30) |
| 乾 燥 エ ビ | 408 | 3.40 | 256(△37.25) | 5.17(52.06) |
| イ セ エ ビ | 54 | 3.67 | 85(57.41) | 5.70(55.33) |
| 燻 製 エ ビ | 0 | 0 | 2 | 0.08 |
| <u>魚 加 工 製 品</u> | | | | |
| 魚 粉 | 11,025 | 22.60 | 17,264(56.59) | 49.19(117.67) |
| 魚 は ら わ た | 32 | 1.63 | 175(446.88) | 6.23(282.21) |
| フ カ の ひ わ | 167 | 1.63 | 169(1.20) | 5.54(239.88) |
| そ の 他 加 工 品 | 少 量 | 少 量 | 106 | 1.92 |
| 合 計 | 29,107 | 673.68 | 36,102(24.03) | 710.14(5.41) |

付表 A 8-5 生産原単位の推定 (1)

・漁業者、漁船および漁獲高相互関係

固定条件：漁船トン階別漁業者数

| トン階別 | 1トン未満 | 1~5 | 6~15 | 16~25 | 動力付 |
|------------|-------|-----|-------------------|-------|---------------------|
| 漁船1隻当りの乗組員 | 2~4 | - | 6~8 ¹⁾ | 10~12 | 12~23 ²⁾ |

註： 1) 15メートルの「Rachin」級帆船を基準とした。出典：「パキスタン国 Baluchistan 州沿岸小規模漁業の問題点および必要性の評価」 PAS/74/031 ワーキングペーパー 5

2) 動力付漁船は分類が出来ないので範囲を広くとっている。

・1977年の漁船のトン階別サイズと乗組員の関係

| トン階別 | 1トン未満 | 1~5 | 6~15 | 16~25 | 動力付 | 合計 |
|-----------------|-------------|--------------|------|---------|-------------|--------|
| Baluchistan 州沿岸 | | | | | | |
| 漁船 | 644 | 1,277 | | 56 | 363 | 2,340 |
| 乗組員 | 1,288~2,576 | 7,622~10,216 | | 560~672 | 4,172~8,126 | 17,636 |
| Gwadar | | | | | | |
| 漁船 | 278 | 331 | | 29 | 158 | 796 |
| 乗組員 | 566~1,112 | 1,986~2,648 | | 290~348 | 2,189~3,465 | 6,297 |

・漁船船型別漁獲高

前提 ケース1：3.6トン/漁業者1人当り/年，（全漁獲高/全漁業者）

ケース2：4.5トン/漁船1隻当り/年……15メートル「Rachin」

タイプの帆船

130トン/漁船1隻当り/年……15メートル「Rachin」

タイプの動力付漁船

就業日数
漁船1隻当り
180日

・ケース1（Baluchistan 州沿岸の総平均）

| トン/人 | 3.6 | 3.6 | 3.6 | 3.6 | 概略合計 |
|---------|-------------|---------------|-------------|---------------|--------|
| 漁獲高合計 | 4,637~9,274 | 27,439~36,778 | 2,072~2,419 | 15,877~30,200 | 64,348 |
| 1隻当り漁獲高 | 7.2~14.4 | 21.5~28.8 | 37.0~43.2 | 43.7~83.2 | |

・ケース2（Baluchistan 州沿岸の総平均）

| トン/漁船トン数 | 20 | 45 ^(就業日との比49.3%) | 60 ^(就業日との比53.4%) | 130 ^(就業日との比57.5%) | 概略合計 |
|------------|---------|-----------------------------|-----------------------------|------------------------------|--------|
| 漁獲高合計 | 7,109 | 28,330 | 1,794 | 27,134 | 64,348 |
| 漁業者1人当り漁獲高 | 2.8~5.5 | 2.8~3.7 | 2.7~3.2 | 3.3~6.5 | |

付表 A 8—6 生産原単位の推定 (2)

・生産高、漁船および漁業者との相互関係

固定条件：1) Baluchistan 州沿岸漁獲高 1,509,996,155 ルピー：64,348 トン
2,347 ルピー/トン

2) Gwadar 426,305,833 ルピー：19,898 トン
2,142 ルピー/トン

・上記 1) でケース 2 の場合の漁船トン階別生産高

| | 1 トン未満 | 1~5 | 6~15 | 16~25 | 動力付 | 概略合計 |
|-----------|--------------|--------------|------|-------------|--------------|-------------|
| 合計 | 16,684,823 | -66,490,510- | | 42,105,18 | 63,683,498 | 151,024,756 |
| 1 隻当り | 25,908 | 52,068 | | 75,188 | 175,437 | |
| 乗組員 1 人当り | 6,571~12,909 | 6,572~8,684 | | 6,337~7,510 | 7,745~15,256 | |

・主としてスリランカへの塩乾魚の輸出貢献度

| | Baluchistan 州沿岸 | | | Gwadar | | |
|------|-----------------|------------|--------|---------------|------------------|--------|
| | 漁獲高 (トン) | 価額 (ルピー) | ルピー/トン | 漁獲高 (トン) (割合) | 価額 (ルピー) (割合) | ルピー/トン |
| 1973 | 9,481 | 23,600,162 | 2,489 | 5,107(53.9) | 13,236,463(56.1) | 2,592 |
| 1974 | 7,026 | 18,718,405 | 2,664 | 3,706(52.8) | 9,869,148(52.7) | 2,663 |
| 1975 | 7,913 | 21,212,164 | 2,681 | 3,684(46.6) | 9,407,449(44.4) | 2,554 |
| 1976 | 15,682 | データなし | | | データなし | |
| 1977 | 6,639 | 24,479,392 | 3,687 | 1,647(24.8) | 5,802,736(23.7) | 3,523 |

・漁獲高の推計

| トン/年 | 全国計 | 全国 (海面漁業) | Baluchistan 州沿岸 (海面漁業) | Gwadar (海面漁業) |
|------|------------------|------------------|------------------------|----------------|
| 1977 | 248,470(248,496) | 215,330(215,358) | 68,810(68,848) | 21,277(20,868) |
| 1978 | 266,450 | 230,000 | 72,200 | 25,218 |
| 1983 | 429,850 | 371,140 | 141,540 | 62,758 |
| 1990 | 698,070 | 583,660 | 191,640 | 91,344 |
| 1995 | 1,004,400 | 820,140 | 242,510 | 121,643 |
| 2000 | 1,369,820 | 1,073,070 | 311,840 | 157,406 |

1,000ルピー/年

| | | | | |
|------|------------------|------------|------------------|----------------|
| 1977 | 679,800(680,000) | 589,057 | 188,237(151,025) | 58,205(42,622) |
| 1978 | 779,000 | 672,313 | 211,048 | 73,715 |
| 1983 | 1,750,200 | 1,510,985 | 780,205 | 255,500 |
| 1990 | 4,519,400 | 3,778,556 | 1,240,658 | 591,352 |
| 1995 | 9,056,600 | 7,395,120 | 2,186,688 | 1,096,843 |
| 2000 | 17,202,600 | 13,475,271 | 3,916,243 | 1,976,783 |

付表 A 8 - 7 貿易額の推計

(単位：億ルピー)

| 年 | 輸入 | 輸出 | 合計 |
|------|--------|--------|---------|
| 1976 | 230.1 | 113.0 | 343.1 |
| 1977 | 296.3 | 131.1 | 427.4 |
| 1978 | 329.5 | 160.8 | 490.3 |
| 1979 | 363.2 | 192.7 | 555.9 |
| 1980 | 399.2 | 228.6 | 627.8 |
| 1981 | 437.6 | 268.7 | 706.3 |
| 1982 | 478.4 | 313.1 | 791.5 |
| 1983 | 528.0 | 349.5 | 877.5 |
| 1984 | 582.7 | 389.9 | 972.6 |
| 1985 | 643.6 | 435.0 | 1078.6 |
| 1986 | 711.8 | 485.8 | 1197.6 |
| 1987 | 788.4 | 543.1 | 1331.5 |
| 1988 | 874.8 | 608.3 | 1483.1 |
| 1989 | 972.9 | 682.5 | 1655.4 |
| 1990 | 1084.5 | 767.4 | 1851.9 |
| 1991 | 1211.9 | 864.9 | 2076.8 |
| 1992 | 1358.0 | 977.1 | 2335.1 |
| 1993 | 1525.9 | 1106.7 | 2632.6 |
| 1994 | 1719.5 | 1256.8 | 2976.3 |
| 1995 | 1943.6 | 1431.0 | 3374.6 |
| 1996 | 2203.6 | 1634.0 | 3837.6 |
| 1997 | 2506.3 | 1871.1 | 4377.4 |
| 1998 | 2859.9 | 2148.9 | 5008.8 |
| 1999 | 3274.4 | 2475.5 | 5749.9 |
| 2000 | 3761.9 | 2860.6 | 6622.5 |
| 2001 | 4337.6 | 3316.4 | 7654.0 |
| 2002 | 5019.9 | 3857.9 | 8877.8 |
| 2003 | 5832.0 | 4503.7 | 10335.7 |
| 2004 | 6803.0 | 5277.2 | 12080.2 |
| 2005 | 7969.5 | 6208.0 | 14177.5 |
| 2006 | 9378.1 | 7333.7 | 16711.8 |

付表 A 8-8 経済指標の推計

| 年 | 卸売物価の 上昇率 (%) | 消費者物価の 上昇率 (%) | 海外経済援助 (百万ルピー) | 通貨流通高 (千万ルピー) |
|------|------------------|-------------------|-------------------|------------------|
| 1976 | 0.11266 | 0.09232 | 1142.3 | 1384.9 |
| 1977 | 0.10436 | 0.08452 | 1501.5 | 1616.3 |
| 1978 | 0.10978 | 0.08962 | 1528.5 | 1633.7 |
| 1979 | 0.10945 | 0.08930 | 1541.1 | 1641.8 |
| 1980 | 0.10741 | 0.08739 | 1542.5 | 1642.7 |
| 1981 | 0.10464 | 0.08478 | 1530.4 | 1634.9 |
| 1982 | 0.10153 | 0.08186 | 1502.8 | 1617.1 |
| 1983 | 0.09950 | 0.07995 | 1601.6 | 1680.8 |
| 1984 | 0.09934 | 0.07979 | 1709.2 | 1750.1 |
| 1985 | 0.10034 | 0.08074 | 1827.2 | 1826.2 |
| 1986 | 0.10217 | 0.08246 | 1957.1 | 1909.9 |
| 1987 | 0.10464 | 0.08478 | 2100.8 | 2002.4 |
| 1988 | 0.10764 | 0.08760 | 2260.4 | 2105.3 |
| 1989 | 0.11108 | 0.09083 | 2438.5 | 2220.0 |
| 1990 | 0.11489 | 0.09442 | 2637.6 | 2348.5 |
| 1991 | 0.11901 | 0.09830 | 2862.1 | 2492.9 |
| 1992 | 0.12342 | 0.10244 | 3115.2 | 2656.0 |
| 1993 | 0.12807 | 0.10681 | 3401.9 | 2840.7 |
| 1994 | 0.13293 | 0.11138 | 3728.0 | 3050.8 |
| 1995 | 0.13799 | 0.11614 | 4100.3 | 3290.7 |
| 1996 | 0.14324 | 0.12107 | 4526.9 | 3565.6 |
| 1997 | 0.14866 | 0.12617 | 5017.7 | 3881.8 |
| 1998 | 0.15425 | 0.13143 | 5584.7 | 4247.1 |
| 1999 | 0.16003 | 0.13686 | 6242.3 | 4670.8 |
| 2000 | 0.16599 | 0.14246 | 7008.3 | 5164.3 |
| 2001 | 0.17216 | 0.14826 | 7904.6 | 5741.8 |
| 2002 | 0.17855 | 0.15428 | 8958.0 | 6420.5 |
| 2003 | 0.18521 | 0.16053 | 10202.2 | 7222.2 |
| 2004 | 0.19215 | 0.16706 | 11679.3 | 8173.8 |
| 2005 | 0.19942 | 0.17390 | 13442.2 | 9309.7 |
| 2006 | 0.20709 | 0.18111 | 15558.5 | 10673.2 |

付表 A 8-9 消費と投資

| 年 | 民間消費 (千万ルピー) | 総固定資本形成 (千万ルピー) |
|------|-----------------|--------------------|
| 1976 | 3354.6 | 761.2 |
| 1977 | 3620.5 | 772.9 |
| 1978 | 3870.8 | 825.3 |
| 1979 | 4092.7 | 875.3 |
| 1980 | 4315.6 | 924.4 |
| 1981 | 4534.2 | 974.2 |
| 1982 | 4745.4 | 1025.0 |
| 1983 | 4951.7 | 1079.5 |
| 1984 | 5162.9 | 1139.7 |
| 1985 | 5385.4 | 1205.2 |
| 1986 | 5623.9 | 1276.6 |
| 1987 | 5882.8 | 1354.7 |
| 1988 | 6166.6 | 1440.8 |
| 1989 | 6480.1 | 1536.1 |
| 1990 | 6828.5 | 1642.3 |
| 1991 | 7217.4 | 1761.2 |
| 1992 | 7653.2 | 1894.9 |
| 1993 | 8143.4 | 2045.8 |
| 1994 | 8696.4 | 2216.7 |
| 1995 | 9322.0 | 2411.1 |
| 1996 | 10031.7 | 2633.1 |
| 1997 | 10839.1 | 2887.3 |
| 1998 | 11760.5 | 3179.7 |
| 1999 | 12815.2 | 3517.2 |
| 2000 | 14026.7 | 3908.4 |
| 2001 | 15423.3 | 4363.7 |
| 2002 | 17039.7 | 4896.0 |
| 2003 | 18918.4 | 5521.3 |
| 2004 | 21112.4 | 6259.3 |
| 2005 | 23687.5 | 7135.2 |
| 2006 | 26726.9 | 8180.7 |

付表 A8-10 漁業者1人当りの自家消費量

海面漁業 (Karachi および Sind 州沿岸)

| 年 | 漁獲高(A) (トン) | 自家消費量(B) (トン) | B/A (%) | 漁業者数 (人) | 1人当りの自家消費量 (kg) |
|------|----------------|------------------|------------|-------------|-----------------|
| 1976 | 127,795 | 10,000 | 7.83 | 74,100 | 135.0 |
| 1977 | 165,968 | 10,800 | 6.51 | 75,200 | 143.6 |
| 1978 | 189,460 | 10,900 | 5.75 | 80,800 | 134.9 |
| 平均 | | | | | 137.8 |

海面漁業 (Baluchistan 州沿岸)

| 年 | 漁獲高(A) (トン) | 自家消費量(B) (トン) | B/A (%) | 漁業者数 (人) | 1人当りの自家消費量 (kg) |
|------|----------------|------------------|------------|-------------|-----------------|
| 1976 | 49,373 | 3,800 | 7.70 | 17,868 | 212.7 |
| 1977 | 68,848 | 4,500 | 6.54 | 17,636 | 255.2 |
| 1978 | 68,346 | 3,250 | 4.76 | 17,427 | 186.5 |
| 平均 | | | | | 218.1 |

内水面漁業

| 年 | 漁獲高(A) (トン) | 自家消費量(B) (トン) | B/A (%) | 漁業者数 (人) | 1人当りの自家消費量 (kg) |
|------|----------------|------------------|------------|-------------|-----------------|
| 1976 | 28,491 | 7,300 | 25.62 | 113,903 | 64.1 |
| 1977 | 33,138 | 7,580 | 22.87 | 124,337 | 61.0 |
| 1978 | 35,223 | 8,097 | 22.99 | 130,183 | 62.2 |
| 平均 | | | | | 62.4 |

出典：パキスタン政府漁業庁

付表A9-1 Baluchistan州沿岸の月別漁獲高
(1976~1978年)

(単位:トン)

| 月 | 漁獲高 | 連続した2ヶ月分の漁獲高 |
|---------|---------|--------------|
| 1976 1月 | 5,984 | |
| 2月 | 2,692 | 8,676 |
| 3月 | 2,760 | 5,452 |
| 4月 | 4,890 | 7,650 |
| 5月 | 3,320 | 8,210 |
| 6月 | 1,738 | 5,058 |
| 7月 | 2,407 | 4,145 |
| 8月 | 4,626 | 7,033 |
| 9月 | 5,688 | 10,314 |
| 10月 | 4,649 | 10,337 |
| 11月 | 3,769 | 8,418 |
| 12月 | 3,050 | 6,819 |
| 小計 | 45,573 | |
| 1977 1月 | 3,655 | 6,705 |
| 2月 | 3,046 | 6,701 |
| 3月 | 4,815 | 7,861 |
| 4月 | 5,520 | 10,335 |
| 5月 | 5,357 | 10,877 |
| 6月 | 2,919 | 8,276 |
| 7月 | 2,248 | 5,167 |
| 8月 | 6,777 | 9,025 |
| 9月 | 7,896 | 14,673 |
| 10月 | 8,569 | 16,465 |
| 11月 | 7,386 | 15,955 |
| 12月 | 6,160 | 13,546 |
| 小計 | 64,348 | |
| 1978 1月 | 3,305 | 9,465 |
| 2月 | 4,379 | 7,684 |
| 3月 | 5,212 | 9,591 |
| 4月 | 6,513 | 11,725 |
| 5月 | 6,003 | 12,516 |
| 6月 | 2,565 | 8,568 |
| 7月 | 3,418 | 5,983 |
| 8月 | 6,632 | 10,050 |
| 9月 | 7,471 | 14,103 |
| 10月 | 8,635 | 16,106 |
| 11月 | 6,080 | 14,715 |
| 12月 | 4,883 | 10,963 |
| 小計 | 65,096 | |
| 合計 | 175,017 | |
| 月平均 | | |
| 1976 | 3,798 | |
| 1977 | 5,362 | |
| 1978 | 5,425 | |

出典: Baluchistan州政府漁業庁

付表A9-2 Gwadarにおける冷凍冷蔵に適した水産物の種類および漁獲高

(単位：トン)

| 種類 | 漁獲高 | | 種類 | 漁獲高 | |
|-----------|-------|-------|----------|--------|--------|
| | 1976 | 1977 | | 1976 | 1977 |
| フカ | 1,930 | 2,758 | アジ類 | 221 | 38 |
| ガンギエイ | 74 | 89 | シイラ | 62 | 53 |
| エイ | 1,328 | 1,078 | スジフエダイ | 300 | 713 |
| イワシ | 433 | 1,311 | ホンミンゾイサキ | 318 | 280 |
| ニシン | 327 | 290 | タイ科 | 226 | 57 |
| サイトウオキイワシ | 456 | 372 | ハタ | 715 | 1,138 |
| ニシン類 | 112 | 1,825 | ニベ類 | 312 | 590 |
| オオサカハマギギ | 531 | 990 | サバ類 | 582 | 844 |
| ウナギ | 27 | 25 | オキサワラ | 365 | 276 |
| ボラ | 48 | 103 | マグロ | 1,948 | 1,949 |
| ツバメコノシロ | 67 | 32 | マカジキ類 | 185 | 332 |
| スズキ類 | 326 | 287 | マナガツオ | 586 | 603 |
| ハタ類 | 94 | 333 | クロウシノシタ | 55 | 71 |
| コモンハタ | 171 | 239 | エビ | 526 | 489 |
| スギ | 219 | 97 | イセエビ | 28 | 227 |
| ウスバハギ類 | 1,050 | 1,576 | | | |
| マアジ類 | 440 | 833 | 合計 | 14,062 | 19,898 |

出典：Baluchistan州政府漁業庁

註：(1)冷蔵用魚の漁獲高

| | 1976 トン | 1977 トン |
|-------|------------|------------|
| ニシン | 327 | 290 |
| サバ類 | 582 | 844 |
| オキサワラ | 365 | 276 |
| マグロ | 1,948 | 1,949 |
| マナガツオ | 586 | 603 |
| 計 | 3,808 | 3,962 |

$$\text{全漁獲高と冷蔵用魚漁獲高の割合} = \frac{3,808 + 3,962}{14,062 + 19,898} = \frac{7,770}{33,960} = 0.23$$

(2)冷凍用エビ類漁獲高

| | 1976 | 1977 |
|------|------|------|
| エビ | 526 | 489 |
| イセエビ | 28 | 227 |
| 計 | 554 | 716 |

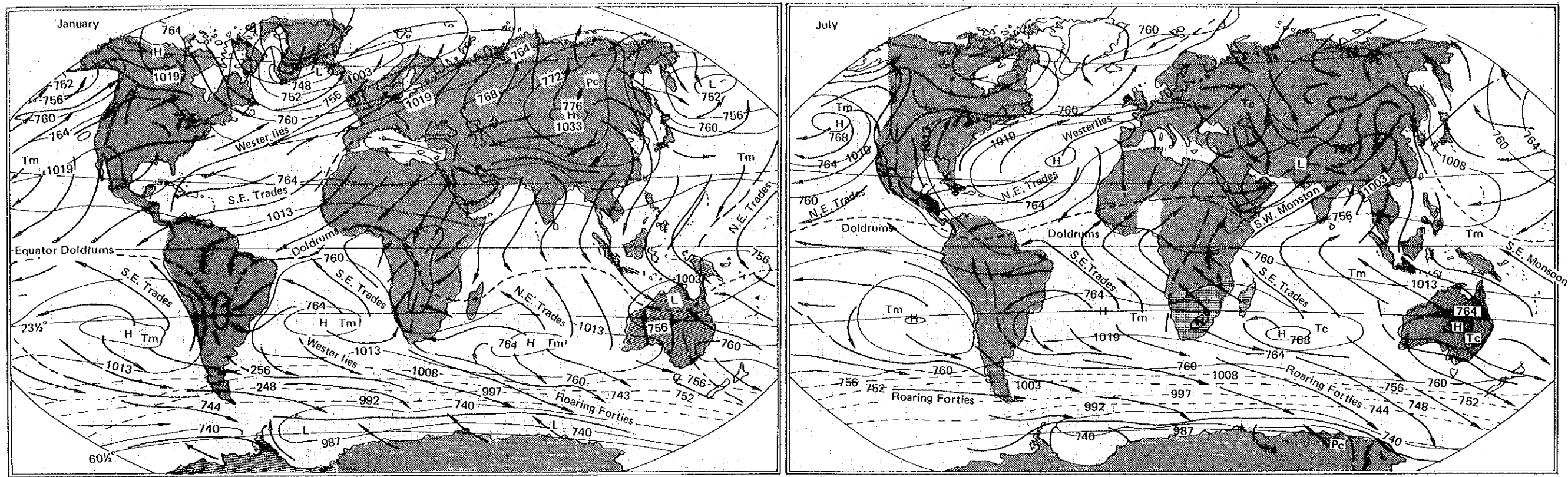
$$\text{全漁獲高と冷凍用エビ類漁獲高の割合} = \frac{554 + 716}{33,960} = \frac{1,270}{33,960} = 0.037$$

付表 A 9 - 3 給水量の算定

| 項 目 | 日 給 水 量 | 時 間 当 り 最 大 給 水 量 |
|------------------|--|----------------------------|
| 漁船への給水 大型刺網漁船 | 乗組員 20 人 \times 100L/日 \times 36 隻 = 72 トン | 104 トン \div 12 時間 = 9 トン |
| 小型漁船 | 乗組員 6 人 \times 25L/日 \times 210 隻 = 32 トン | |
| 製氷冷凍施設 | 50 トン | 50 トン \div 24 時間 = 2 トン |
| その他 | 46 トン | 46 トン \div 12 時間 = 4 トン |
| 合 計 | 200 トン/日 | 15 トン/時間 |

付録 B 付 図

付図A 6-1 前線と気圧配置



1 : 200,000,000

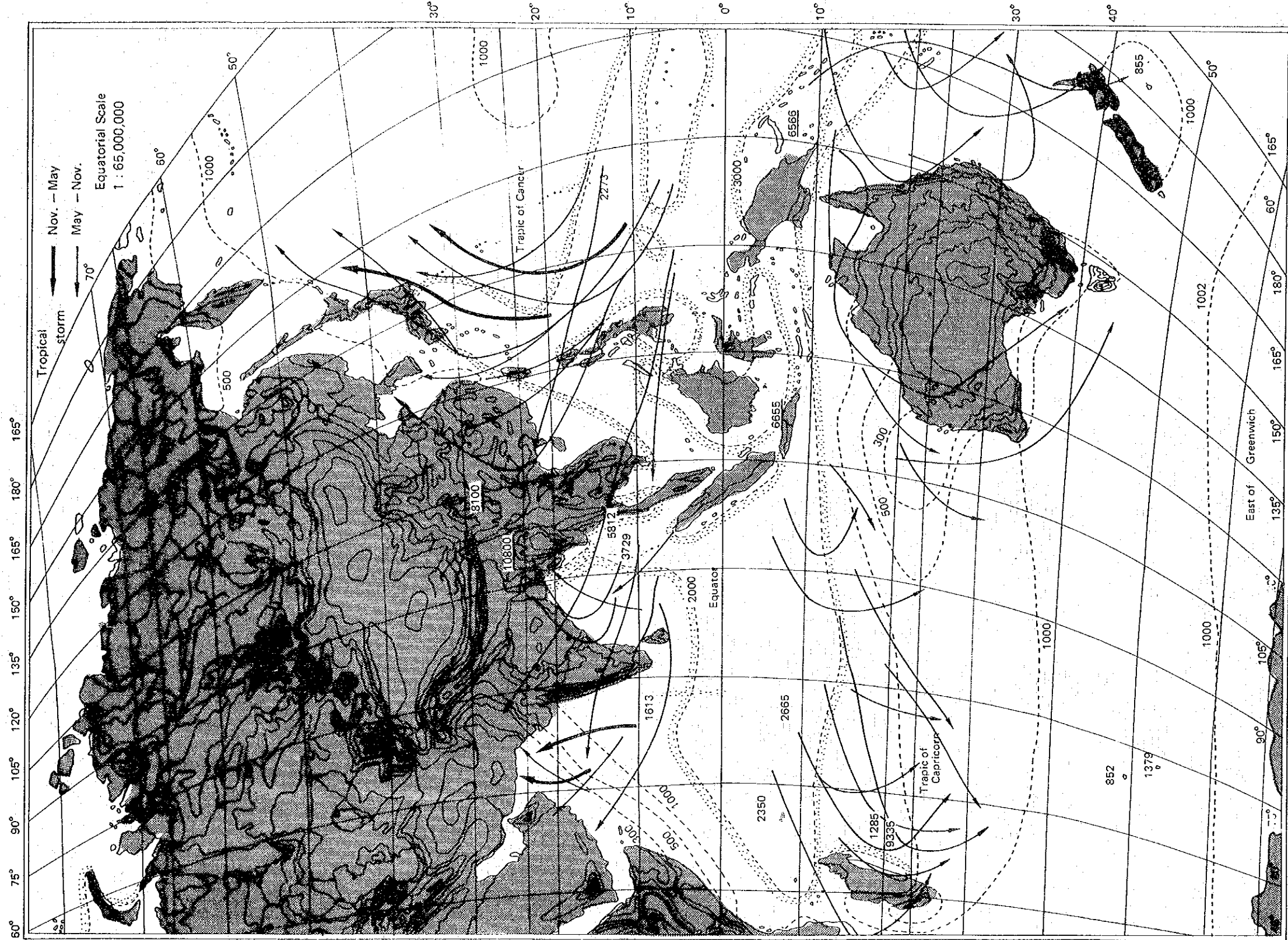
Air Masses

- P: Polar
- c: continental
- m: maritime
- T: Tropical

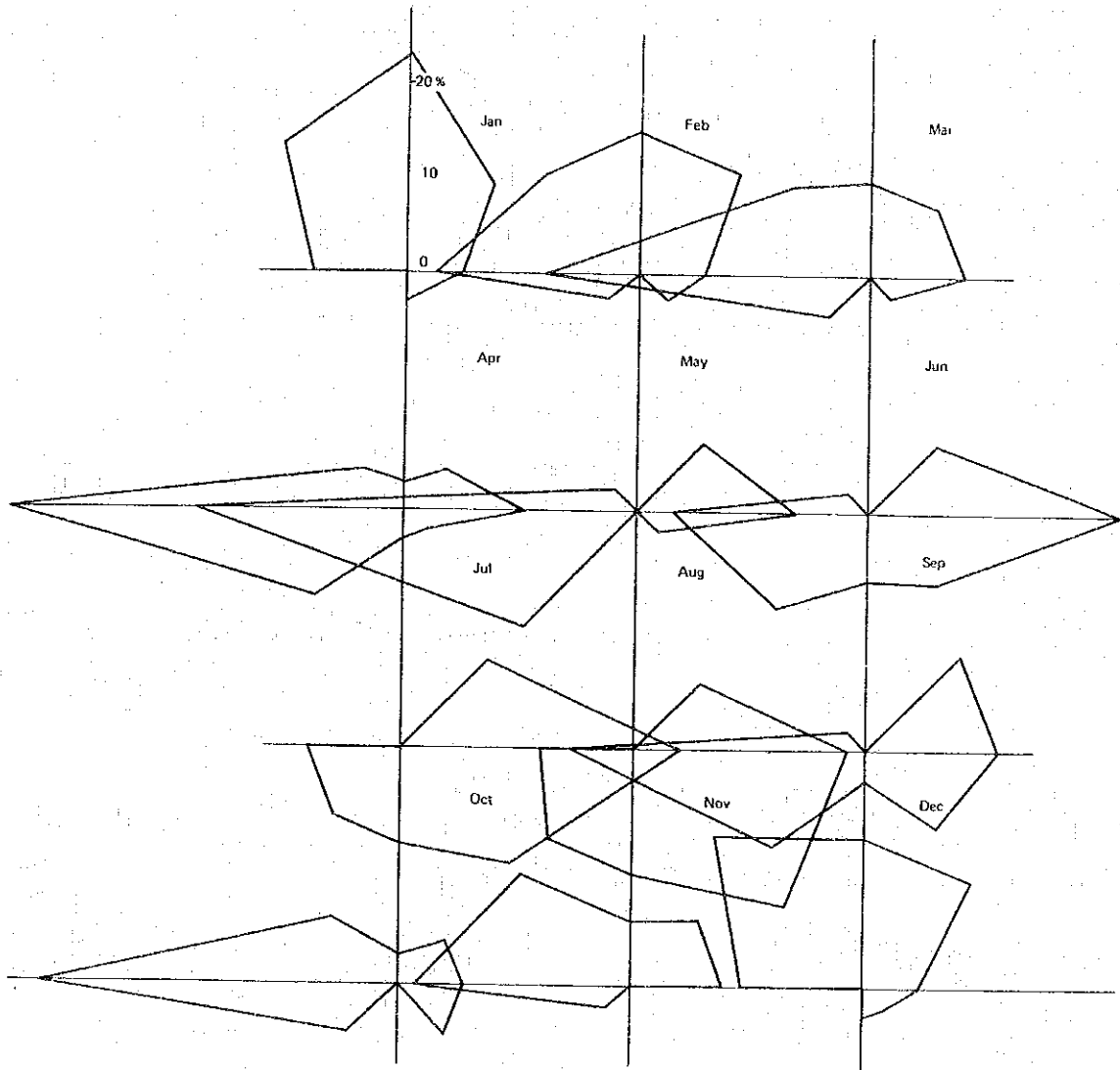
- Arctic, Antarctic, Polar Frontal Zones
- - - Inter- & Subtropical Convergence Zones

- ~ Prevailing Surface Winds
- H, L High and Low Pressure Centres
- 756/1008 Mean Sea Level Pressure (mm/mb)

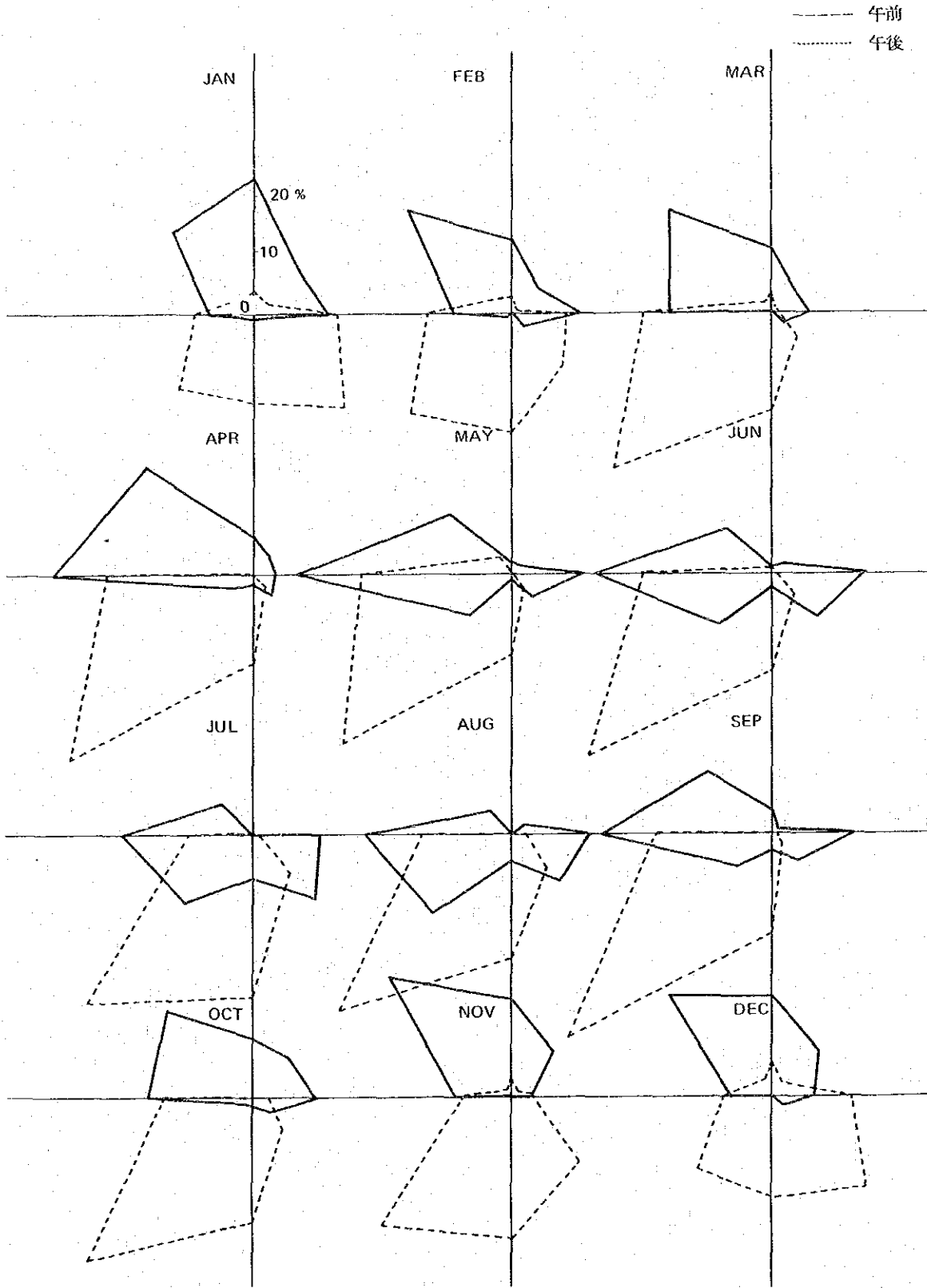
付圖 A 6-2 低 氣 压
(From The Times Atlas of The World)



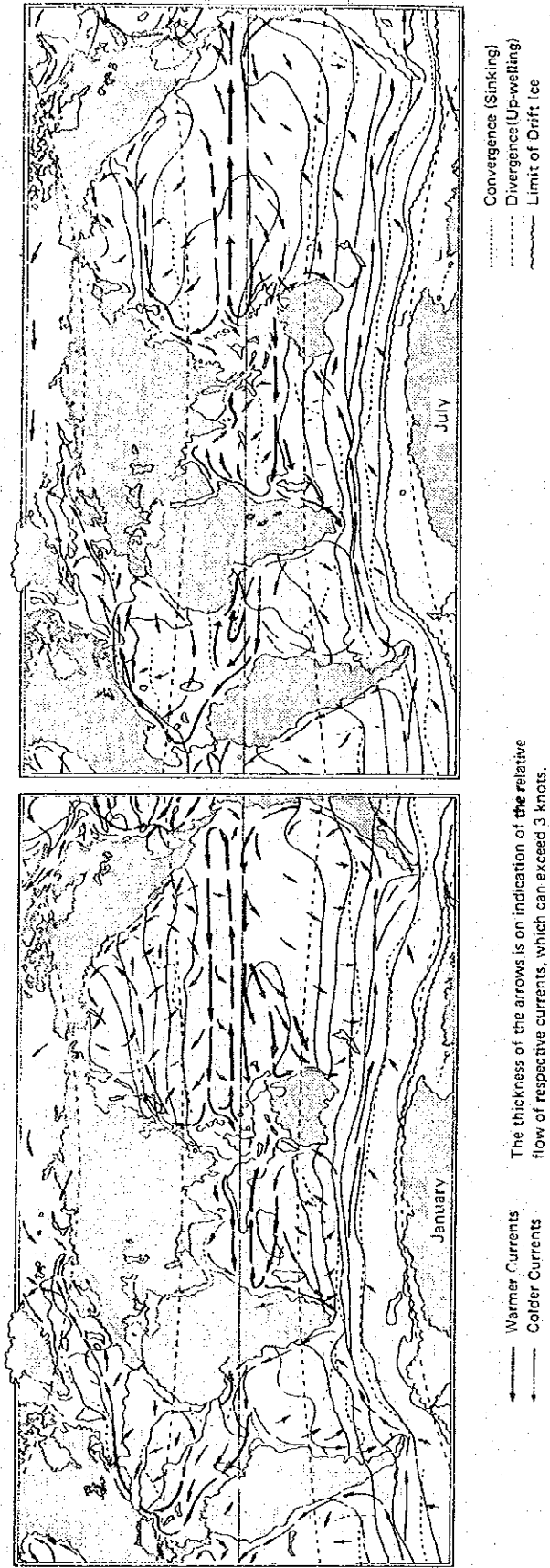
付図A 6-3 Gwadar の風



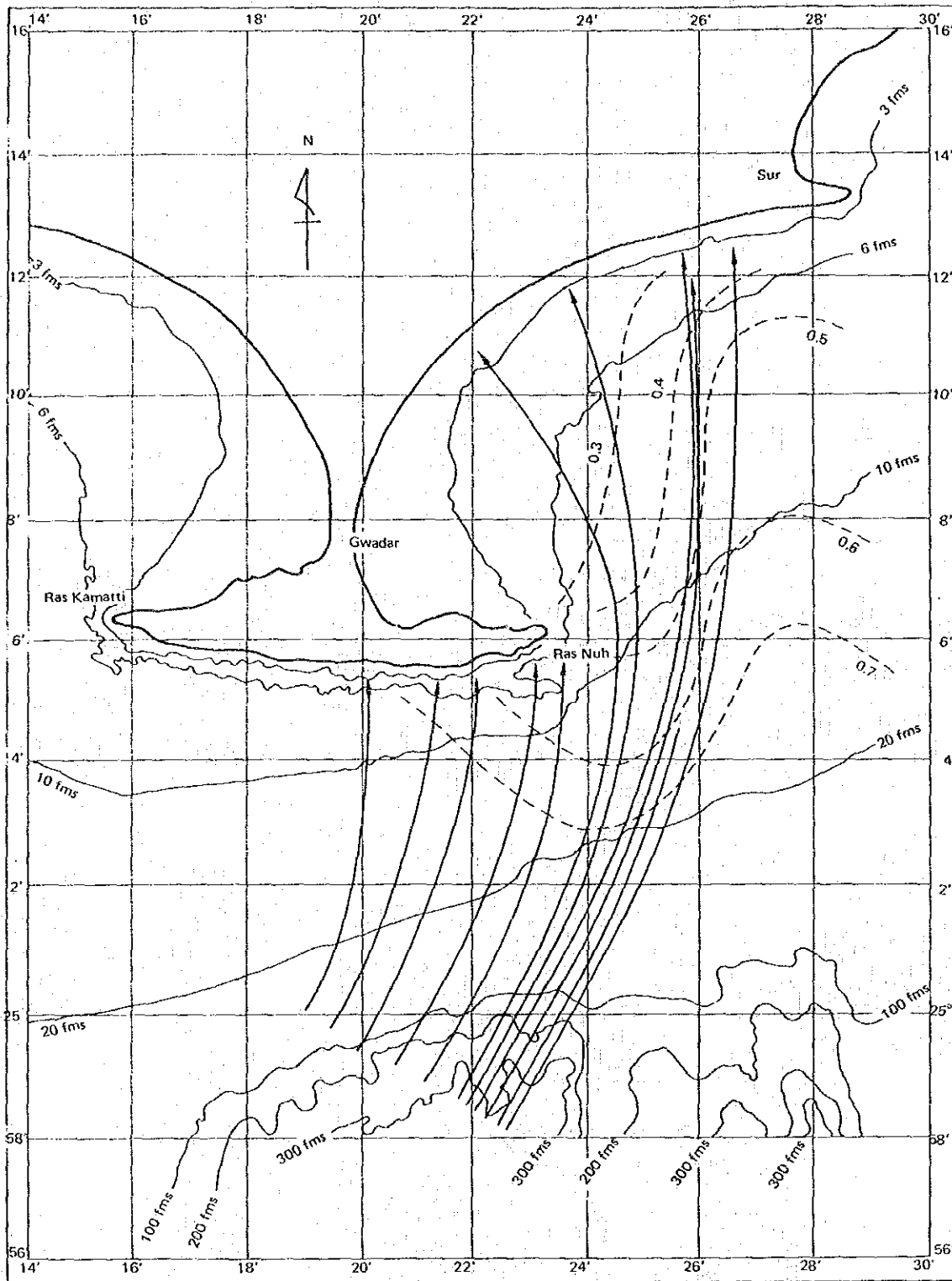
付図A6-4 Pasniの風



付圖A 6—5 海流
 (From The Times Atlas of The World)



付圖A 6-6 屈折圖
波向 210° 周期 12.5 秒



62°
(From NESPAK Report 1977)

付録 C Scope of Work

SCOPE OF WORK
FOR THE STUDY OF CONSTRUCTION PROJECT
OF A "MINI-PORT" IN GWADAR,
THE ISLAMIC REPUBLIC OF PAKISTAN

I. Introduction

In response to the agreement reached between the Government of Pakistan and the Government of Japan concerning the implementation of the Study of Construction Project of a "Mini-Port" in Gwadar, Baluchistan Province of the Islamic Republic of Pakistan, Japan International Cooperation Agency (hereinafter referred to as JICA) will send a study team of Japanese experts to Pakistan to carry out study.

The Government of Pakistan entrusts the guidance and coordination of the study to Directorate General of Ports and Shipping (hereinafter referred to as DGP&S) in cooperating with Japanese experts.

The present document sets forth the Scope of Work for out the study.

II. Objective

The objective of the study is to formulate a port development plan including illustration on Gwadar harbour of Baluchistan Province in Pakistan, since at the existing harbour lacking in mooring/landing facilities, the landing operation has to carried out manually.

III. Outline of the Study

The study will be carried out in two phases of survey works, namely general study at the 1st-phase and conclusive study at the 2nd-phase.

1. 1st-phase

The study would be concentrated on the following six aspects as a preparatory work within 1978.

- 1) Tentative selection for a possible site of a "Mini-Port".
- 2) Tentative estimation of the port scale.
- 3) Tentative drawing of the port layout.
- 4) Tentative cost estimation for the technical survey at the 2nd-phase as well as for the construction of the port.
- 5) Tentative evaluation of the economic effect of the development.
- 6) Other related matters for implementing the 2nd-phase survey including timing, duration and manpower.

The study at this stage, therefore, be concentrated in the site of Gwadar area, but can be extended to other areas when necessary.

2. 2nd-phase

The study would be concentrated on the site of Gwadar and on the continuation of the strictly technical and technological aspects of survey/examination of the 1st-phase. The 2nd-phase survey/examination would cover the following seven aspects and will be completed within 1979.

- 1) Tide-water survey
- 2) Current-flow survey
- 3) Sound monitoring and chart figuring
- 4) Sub-soil condition scanning, by sonic prospecting and boring
- 5) More detailed cost estimation for the construction of the port
- 6) More detailed evaluation of the economic effect of the port
- 7) Other necessary survey/examination which are strictly and directly related to the above six items.

The duration of the survey at the 2nd-phase can be extended to a substantially long period, since careful observation of monsoon season is necessary.

IV. Schedule

(Refer to the attachment)

V. Reports

JICA will prepare and submit the following reports to the Government of Pakistan, through DGP&S.

1. Progress Report

JICA will prepare and submit twenty (20) copies of the Progress Report at the end of the 1st-phase and the 2nd-phase of the survey.

2. Draft Final Report

JICA will prepare and submit fifty (50) copies of the draft final report within six months after the completion of the 2nd-phase study.

3. Final Report

JICA will prepare and submit fifty (50) copies of complete-set of the Study Report within two months after receiving official comments of Pakistani authorities concerned through DGP&S for the draft final report, if no serious/fundamental changes might be arose.

VI. Measures to be taken by the Government of Pakistan

1. The Government would exempt the Japanese Study Team and its members from the payment of custom duties and other charges of any kind imposed on or in connection with the importation of machinery, equipment and materials necessary for the survey as well as personal effects belonging to the members of the Team.

2. The Government would exempt the Team's members from income tax and charges of any kind imposed on or in connection with the living allowance remitted from abroad.

3. The Government would grant necessary approvals for the special field/spot survey work upon the request of the Japanese Study Team.
4. The Government would provide to the members of the Japanese Study Team necessary accommodation and other necessary facilities, such as vehicles with drivers, boats/vessels with crews and an office and/or laboratory furnished with necessary equipments in/or vicinities of the survey/study area.
5. The Government would, during the study period, assign counter-part personnel to the Japanese Study Team, arrange meetings with personnels and experts of Pakistan and arrange, if necessary, assistants and/or labourers.
6. The Government would provide the Japanese Study Team with the relevant data, information and materials necessary for the study. The Government would also make necessary arrangement for the Team to bring these items back to Japan for the preparation to the reports.

(End)

Attachment of Scope of Work

SCHEDULE

Remarks:

Negotiable, according to
weather/climate condition

| Year & month | Phase | Contents |
|----------------------|--|---|
| 1978 September | 1st-phase, in the site | 1. Definite preparation for the 1st-phase, in Japan |
| October | | 1. Definite survey works on 6 aspects. Pl. refer to the text III - 1. |
| November December | 1st-phase, finished | 1. Progress Report |
| | Appraising & materializing for the works of the 1st- phase | |
| 1979 January | " | 1. Preparation for the 2nd-phase, mostly in Japan but could be in Pakistan partially. |
| February | " | 2. Purchase/arrangement of necessary equipments. |
| March | " | 3. Shipping the equipments for Pakistan. |
| April | 2nd-phase, in the site | 1. Definite survey works on 7 aspects. Pl. refer to the text III - 2. |
| May | " | |
| June | " | |
| July | 2nd-phase, finished | 1. Progress Report 2. Bringing the equipments back to Japan. |
| August | Conclusive works, in Japan | |
| September | " | |
| October | " | |
| November | " | |
| December | | 1. Materializing the Report. |