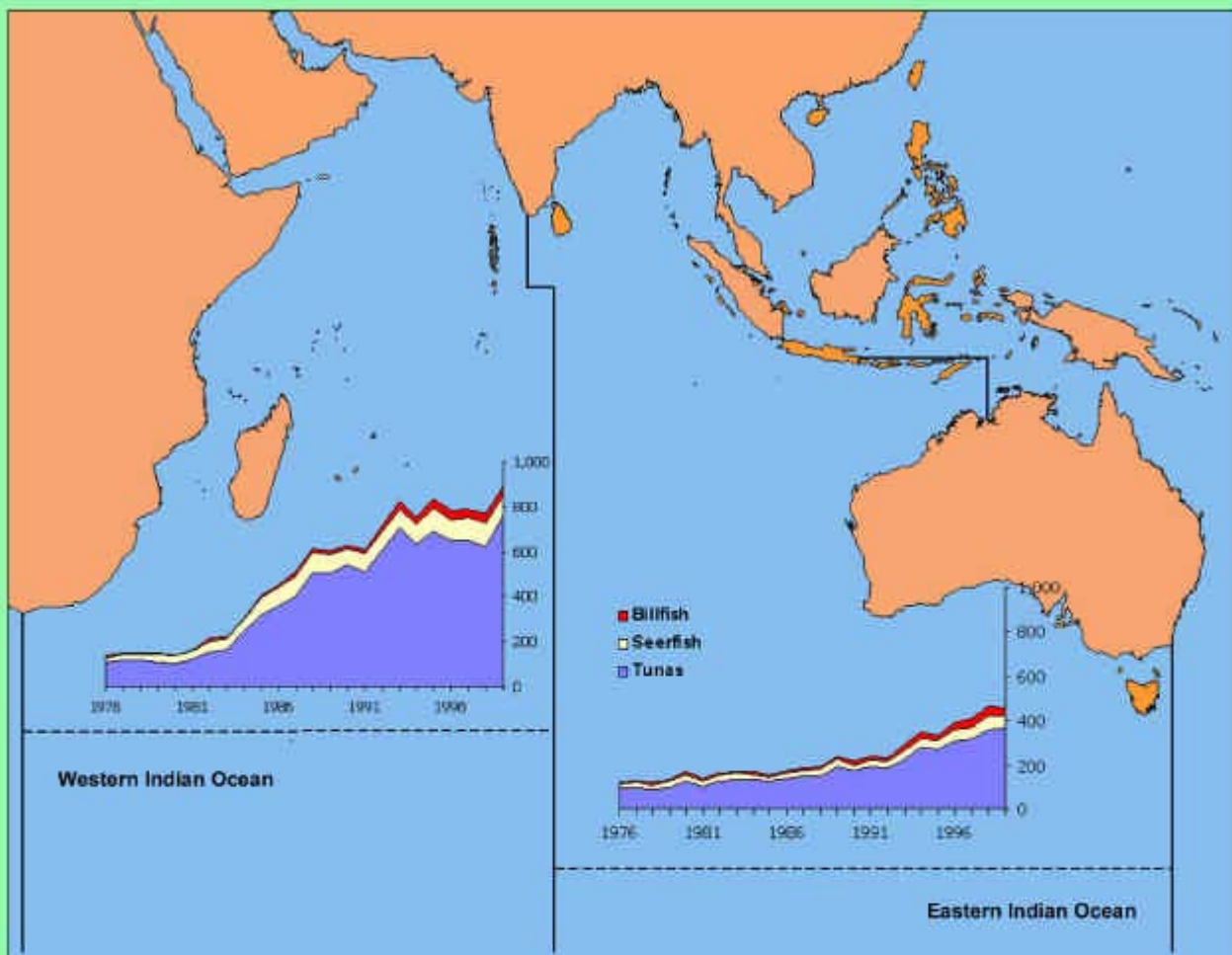


Data Summary 1990-1999

Recueil statistique pour 1990-1999



Indian Ocean Tuna Fisheries *Pêches Thonières de l'Océan Indien*

Data Summary for – *Recueil Statistique pour*
1990 - 1999

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1. Introduction

One of the primary objectives of the Indian Ocean Tuna Commission (IOTC) is to develop and maintain an information centre for tuna and tuna-like species in the Indian Ocean (Figure 1). Historical and current fisheries statistics are collected, processed and disseminated for use in the development and management of tuna fisheries. This activity was built on the data collection initiated by the Indo-Pacific Tuna Development and Management Programme (IPTP) between 1982 and 1997.

The agreement defining the statutes of IOTC was approved by the FAO Council at its Twenty Sixth Session at the end of 1994, opening the Commission to accession by parties qualified to join. Accession is open to coastal states and to non coastal states or regional economic integration organisations to which these states have transferred competence over matters within the purview of this Agreement and whose vessels engage in fishing stocks covered by the Agreement within its area of competence. The Agreement entered into force on the accession of the tenth Member on 27 March, 1996. IOTC has nineteen Contracting Parties which are Australia, Comoros, Eritrea, France, India, Japan, the Republic of Korea, Oman, Madagascar, Malaysia, Mauritius, Pakistan, Seychelles, Sri Lanka, Sudan, Thailand, the United Kingdom and the European Union.

The First Session of the IOTC was held at the FAO Headquarters in Rome, from 3 to 6 December, 1996. At this session, the member countries chose Seychelles as the location for IOTC headquarters. The Secretariat was established in Seychelles in 1998 and was full staffed by the end of 1999.

In the intervening period, the database system has been completely re-designed. In the process of normalisation and transfer of the data, many inconsistencies have been identified and corrected. The database permits entering all data irrespective of the resolution.

IOTC collates data supplied by contracting and collaborating parties, including:

1. Annual nominal catch by country, species, gear and IOTC statistical area;
2. Estimates of incidental catch and discards from tuna fishing operations, to the same degree of aggregation as the nominal catch;
3. Catch and effort statistics by species, gear, fishing ground (by 1°x1° or 5°x5° square) and month ;

1. Introduction

Un des objectifs majeurs de la Commission des Thons de l'océan Indien (CTOI) est de développer et maintenir un centre d'information pour les thonidés dans l'océan Indien (Figure 1). La CTOI a aussi la responsabilité de la gestion des ressources. Les statistiques historiques et actuelles des pêches thonières sont collectées, traitées et diffusées à des fins de développement et de gestion. Cette activité s'est développée à partir de la collection de données mise en place par l'« Indo-Pacific Tuna Development and Management Programme » (IPTP) entre 1982 et 1997.

L'accord qui détermine les statuts de la CTOI et qui permet l'accession des parties qualifiées fut approuvé par le Conseil de l'OAA à sa Vingt Sixième Session à la fin de 1994. Peuvent être membres les états côtiers ou non côtiers ainsi que les organismes d'intégration économique régionales auxquels ces états ont transféré leur compétence en matière des éléments régis par cet Accord et dont les bateaux exploitent les ressources couvertes par l'Accord dans son aire de compétence. L'Accord est entré en vigueur au moment de l'accession du dixième Membre, le 27 mars, 1996. Actuellement, les pays et organisations membres sont : l'Australie, les Comores, l'Erythrée, la France, l'Inde, le Japon, la République de Corée, Madagascar, la Malaisie, l'île Maurice, l'Oman, le Pakistan, les Seychelles, le Sri Lanka, le Soudan, la Thaïlande, le Royaume Uni et l'Union Européenne.

La Première Session de la CTOI a eu lieu au siège de l'OAA à Rome, du 3 au 6 décembre 1996. Au cours de cette séance, les membres ont choisi de placer le siège de la CTOI aux Seychelles. Le Secrétariat s'est établi aux Seychelles en 1998 et son personnel était au complet vers la fin de 1999.

Dans l'intervalle, le système de gestion de la base de données a été complètement révisé. Le processus de normalisation et de transfert des données a permis d'identifier et de corriger certaines inconsistances. La nouvelle base de données permet de saisir des données sans contrainte quand à la stratification spatio-temporelle.

La CTOI continue la compilation des données suivantes:

1. Captures nominales annuelles par espèce, engin, pays et zone statistique OAA ;
2. Statistiques de captures accessoires et de rejets par les pêcheries thonières au même degré d'agrégation que celui des captures nominales ;
3. Statistiques mensuelles de captures et effort par espèce, engin et zone de pêche (par carré de 1°x1° ou 5°x5°) ;

- | | |
|---|--|
| <p>4. Size-frequency data by species, gear, fishing ground and month;</p> <p>5. Annual tuna fishing craft statistics aggregated by gear and boat size class;</p> <p>6. A record of tuna fishing vessels active in the Indian Ocean with details on the vessel, owners and operators;</p> <p>7. An activity (port call) record of foreign fishing vessels.</p> | <p>4. Statistiques de fréquence-taille par espèce, engin, zone de pêche et mois ;</p> <p>5. Statistiques annuelles des flottes de pêche thonière par métier et classe de taille ;</p> <p>6. Registre des bateaux de pêche thonière actifs dans l'océan Indien, comprenant les spécifications du bateau et l'identité des propriétaires et opérateurs ;</p> <p>7. Un registre des activités des bateaux de pêche thonière étrangers (sur la base de visites au port).</p> |
|---|--|

This Data Summary, No. 21, was compiled from cross-tabulations of the annual nominal catch and fishery fleet statistics from 1990 to 1999. Nominal catch data are also distributed together with a programme for data query and analysis, FISHSTAT PLUS, available through the IOTC Web site [<http://www.IOTC.org>] or, on request, by e-mail, on magnetic media or CD-ROM.

Ce recueil de données, No. 21, comprend les données de captures nominales et de flottes thonières pour les dix années entre 1990 et 1999. Les statistiques de captures nominales sont disponibles, à la demande, sur support informatique ou téléchargé du site Web de la CTOI [<http://www.IOTC.org>], avec un programme pour la sélection et l'analyse des données, FISHSTAT PLUS.

2. General Notes

2. Notes Générales

2.1. Data source

The statistics compiled in this report were mostly collected through liaison officers nominated by the governments of countries fishing for tuna and tuna-like species in the Indian Ocean. Some of the data were estimated by IOTC, based on the best available information obtained from reliable sources. In cases where the statistics required could not be obtained from the countries concerned or from transshipment records, FAO statistics provided to IOTC by the Fishery Information, Data and Statistics Service, FAO, Rome were used. A brief note on the data sources is given for each country as a footnote to the table of statistics by country.

2.1. Source des données

Les statistiques ont dans l'ensemble été transmises par les agents des gouvernements des pays pêchant les thonidés dans l'océan Indien responsables de la liaison avec la CTOI. Certaines données ont été estimées par la CTOI, qui s'est basée sur la meilleure source disponible d'information. Là où les statistiques n'ont pas pu être obtenues de source officielle ou estimées à partir des transbordements enregistrés dans les ports de la région, les chiffres fournis par le Service de l'Information, des Données et des Statistiques des Pêches de l'OAA à Rome (FIDI) ont été utilisées. Une brève annotation sur la source des données est fournie au tableau des statistiques par pays.

2.2. Corrections to time series of catch data

Certain errors are inherent in the way in which landings are allocated at the species and gear level. In many fisheries, fish are allocated to commercial categories. For example, in industrial purse seine fisheries, yellowfin and bigeye tunas below a certain size may get aggregated with skipjack as there is no price differential. In some national statistical systems, tuna and tuna-like species are aggregated into a small number of non-taxonomic categories. Finally, examination of historical time series has shown sudden breaks in catches ascribed to various species or gears which are thought to be artefacts arising from changes in the statistical recording.

2.2. Corrections des séries temporelles des données de captures

Dans les statistiques, certaines erreurs sont inhérentes à la façon d'attribuer les débarquements aux espèces et aux engins. Souvent, les espèces sont regroupées en catégories commerciales. Par exemple, dans les pêcheries industrielles à la senne tournante, les albacores et patudos de petite taille sont vendus comme listaos, puisqu'il n'y a aucune différence de prix. Dans les systèmes statistiques de certains pays, les thonidés sont regroupés sous un petit nombre de catégories non taxonomiques. Enfin, l'examen de séries temporelles historiques montre parfois des cassures dans les chiffres attribués à des espèces et engins qui peuvent bien être des artifices découlant de changements dans les systèmes statistiques.

Les séries temporelles présentées ici sont le résultat de révisions permanentes destinées à améliorer leur pré-

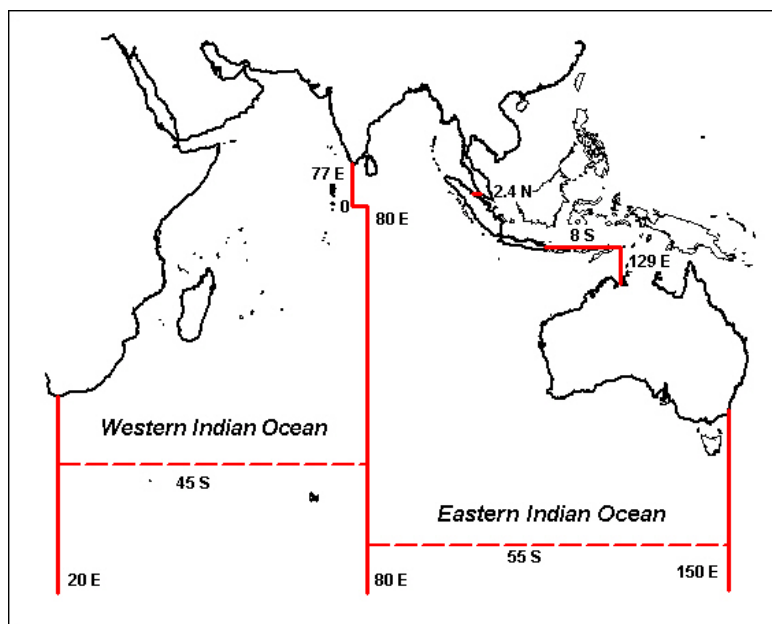


Figure 1. IOTC Statistical Areas.

Figure 1. CTOI Zones Statistiques.

The data sets presented in this Data Summary have been subjected to a continuous review as a result of an in-depth attempt to obtain coherent time-series. Consequently, some may have changed significantly from previous issues. The IOTC database is constantly compared and corrected using published information, including national statistical bulletins, national reports presented at scientific meetings, papers published in various scientific publications and data from the FAO statistical yearbook. This does not necessarily result in major changes in the total landings reported. However, as more detailed data become available, they are used to reallocate aggregated data to the appropriate species and gears (Figure 2).

All the changes effected in respect of the data from reporting countries have been made in consultation with national liaison officers and have been fully documented in IPTP and IOTC files. Backup databases with the original data are conserved for reference.

The Secretariat has gone to considerable effort to estimate unreported catches and this may result in substantial changes to the catches ascribed to the NEI (not elsewhere included) category of countries. This is an aggregate of countries having an open registry which do not report statistical data and of some fleets which do not report to their flag authorities, although they are flagged in countries that provide data to IOTC.

Some NEI catches, in particular from purse seiners (controlled from European Union countries, NEI-EU), have been reported by the authorities of the country where the vessels are controlled, rather than by the flag

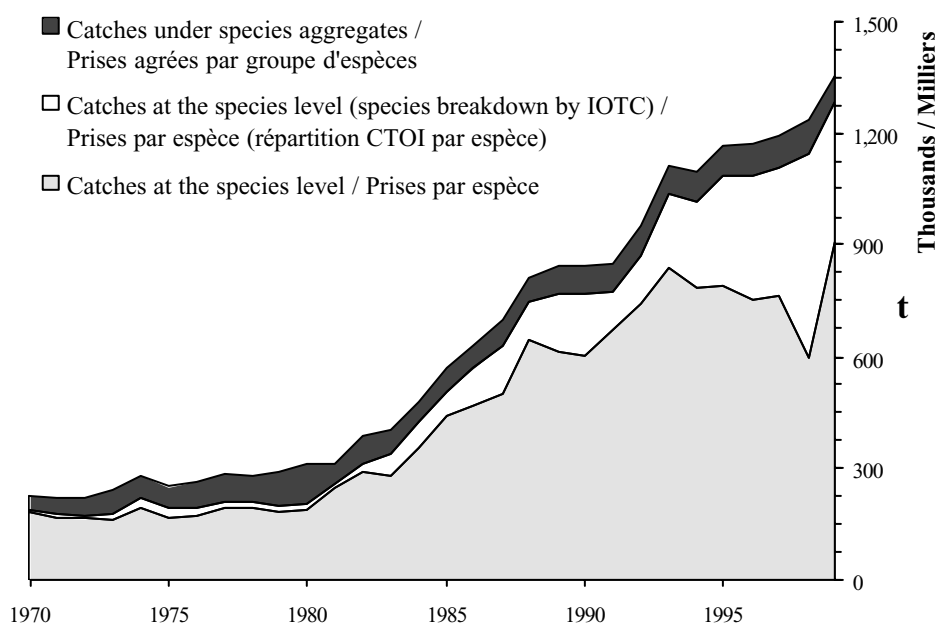
cision et leur cohérence. Il peut donc y avoir des changements par rapport aux bulletins précédents. La base de données CTOI est constamment comparée et corrigée à partir d'autres informations publiées, dont des bulletins statistiques nationaux, des comptes-rendus présentés dans des réunions scientifiques et publiés dans des revues scientifiques, ainsi que les chiffres des annuaires de statistiques des pêches de l'OAA. Ceci n'aboutit pas forcément à des changements majeurs dans le total des débarquements. Toutefois, les regroupements d'espèces et d'engins sont au fur et à mesure éclatés vers les catégories appropriées quand des données plus détaillées deviennent disponibles pour certaines années (Figure 2).

Tout changement effectué sur les données est fait en consultation étroite avec les agents nationaux de liaison et la nature de l'intervention est documentée dans les fichiers IPTP et CTOI. De plus, les données d'origine sont conservées dans des fichiers de sauvegarde.

Plusieurs flottes, souvent sous registre ouvert, surtout des palangriers, opèrent dans l'océan Indien et ne font aucune déclaration de leurs prises. Leurs captures sont estimées à partir des caractéristiques des flottes (dans la mesure où celles-ci sont connues) et sur les taux de captures obtenus par des bateaux du même genre opérant dans les mêmes régions pour lesquels des statistiques sont disponibles. Ces prises figurent sous la rubrique « NCA » (non compris ailleurs).

Certaines des captures NCA, de senneurs en particulier (contrôlés par des pays de l'Union européenne,

Figure 2. Level of aggregation of the catches in the IOTC nominal catches database
Figure 2. Niveau d'agrégation des captures dans la base de données des captures nominales CTOI



State, and are thus accurate. The accuracy of other purse seine catches recorded under the NEI category, notably from ex-Russian vessels, is lower, especially since 1994, the last year when catches were reported. Several fleets, mainly longliners, have been operating in the Indian Ocean under various flags but were reporting their catches neither to their national authorities, nor to the authorities of the countries where they were based. IOTC, in conjunction with local authorities, has instituted shore sampling programmes in the ports where there are substantial landings (mainly by Taiwan, China¹). Historical data are also being recovered, which will improve the catch estimates. The catches of other long range freezer longliners (operating under different flags, NEI-LL) are estimated based on fleet characteristics (to the extent known) and on catch rates obtained by similar vessels operating in the same regions for which data were available. The Vessel Record is one of the sources of information used for this purpose.

2.3. Modification of FAO Statistical Areas

The IOTC area of competence is defined as FAO statistical Areas 51 and 57, extending South to the Antarctic Convergence. This definition is conditioned by a clause to the effect that the area of competence

¹ This refers to Taiwan province of China and is listed under the code Taiwan,China-NEI.

NCA-UE) ont été déclarées par le pays d'origine de l'opérateur et sont donc fiables. La véracité des prises d'autres senneurs dans la catégorie NCA est moins bonne, notamment ceux des anciens bateaux Russes, en particulier depuis 1994, la dernière années où ces prises ont été déclarées. De nombreux petits palangriers (provenant surtout de Taiwan, Chine¹), surtout sur le bassin oriental, ne font aucune déclaration. La CTOI, en association avec les autorités des pays où des débarquements importants se font, a instauré des programmes d'échantillonnage au port. Ces programmes tentent aussi d'obtenir des données historiques, ce qui fournit également des données fiables, du moins pour les captures. Les données concernant les grands palangriers congélateurs NCA (battant divers pavillons : NCA-LL) ont été estimées à partir d'un comptage des bateaux, auxquels on a attribué des taux de capture correspondant à des bateaux ayant les mêmes caractéristiques (dans la mesure où celles-ci sont connues) et pêchant dans les mêmes strates spatio-temporelles.

2.3. Modification des Zones Statistiques OAA

La zone de compétence de la CTOI correspond aux zones statistiques 51 et 57 de la OAA, prolongées au sud à la Convergence Antarctique. Cette définition est conditionnée par une clause, de sorte que la zone de compétence s'étende aux mers adjacentes afin de per-

¹ Cette appellation se réfère à Taiwan Province de Chine et les données figurent sous le code Taiwan,Chine-NCA.

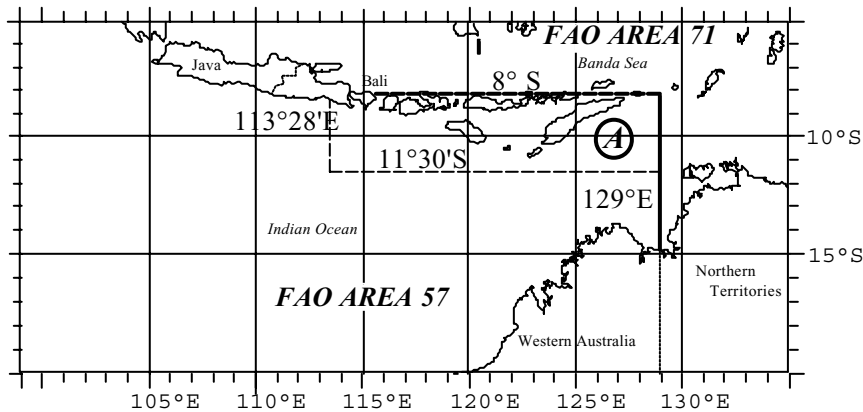


Figure 3. IOTC and FAO boundaries between the Indian Ocean and the Banda Sea.

Figure 3. Frontières CTOI et OAA entre l'océan Indien et la mer de Banda.

extends into adjacent seas for the purpose of managing tunas that migrate into and out of the area.

IOTC has in the past used the FAO Area 51-57 nomenclature for statistical reporting of nominal catch, despite the inclusion of Area 58 catches and modification of the western boundary to abut with those of ICCAT, as well as a modification of the boundary between areas 57 and 71 between Indonesia and Australia (Figure 3). This situation was misleading, as there are some FAO Area 58 and 71 catches included in the catches of the areas which IOTC called areas 51 and 57.

The Permanent Working Party on Data Collection and Statistics, held in Victoria (Seychelles) in August-September 1999, discussed this question and recommended that the FAO nomenclature be abandoned. The working party decided that there is sufficient justification to maintain the East and West Indian Ocean statistics separate, even though it was recommended to abandon the FAO statistical area names and to call the two basins respectively East and West Indian Ocean (Figure 1). It also decided to modify the northern portion of the boundary between the two basins, largely to accommodate the fact that Indian statistics have always been reported as being East and West Coast catches, instead of strictly following the FAO statistical areas. This boundary has now been adopted by the CWP².

These changes required calculation of some time series. This is quite a simple process for the Area 58 catches, as the only tuna catches in that area are from longliners and catch and effort data at a five degree

mettre la gestion des thons qui migrent à l'intérieur et en dehors de l'océan Indien.

La CTOI jusqu'ici avait employé la nomenclature des zones 51-57 de la OAA pour les déclarations statistiques des captures nominales, malgré le fait qu'elles avaient été déjà modifiées pour coïncider avec celles de la CICTA à l'ouest. Une autre modification de la frontière entre les zones 57 et 71 a été apportée entre l'Indonésie et l'Australie (Figure 3). Cette situation pouvait porter à confusion, puisqu'il y avait des prises de thons dans les zones 58 et 71 de la OAA qui étaient incluses dans celles des zones que la CTOI a appelé les zones 51 et 57.

Pour cette raison, le Groupe de travail permanent sur la collecte des données et les statistiques (Victoria, août-septembre 1999), a recommandé au Comité scientifique que la nomenclature de la OAA soit abandonnée et d'appeler les deux bassins respectivement « océan Indien oriental » et « océan Indien occidental » (Figure 1). Le groupe de travail a toutefois décidé qu'il est justifié de maintenir séparées les statistiques des deux moitiés de l'océan Indien. Il a également été décidé de modifier la partie nord de la ligne de division entre les deux bassins, compte tenu en grande partie du fait que les statistiques indiennes ont toujours été déclarées en fonction des côtes est et ouest, au lieu de suivre strictement les zones statistiques de la OAA. Cette dernière modification a maintenant été entérinée par la CWP².

Ces modifications ont entraîné la correction de certaines séries temporelles. Pour les prises de la zone 58, le processus est simple, puisque les seules prises de thon dans cette zone sont le fait des palangriers et que les données de prise et d'effort sont disponibles à une résolution de grille de cinq degrés. La modifica-

² Coordinating Working Party on Fishery Statistics.

² Groupe de coordination des statistiques des pêches.

Table 1. Factors for raising weights of processed landings to nominal catch.
Tableau 1. Facteurs servant à corriger les poids débarqués après conditionnement en poids nominal

RAISING FROM: - <i>CORRIGER DU</i>	YFT	BET	ALB	SBF	TUN	BIL	OTH	SKH
Fresh landed weight to whole weight <i>Poids en frais au poids nominal</i>	1.09	1.09	1.10		1.10	1.16	1.10	1.55
Frozen landed weight to whole weight <i>Poids congelé au poids nominal</i>	1.15	1.16	1.10	1.12	1.10	1.54	1.10	1.55

grid resolution are available. The change in the boundary separating East and West Indian Ocean has required reallocation of Sri Lankan catches from the Western to the Eastern Indian Ocean.

The change to the IOTC boundary between FAO Areas 57 and 71 has had major implications for the Indonesian statistics. The complete time series of catches in Indonesia was reviewed this year, resulting in much higher catches than those recorded in the FAO database. The main reason for these higher estimates is the sharp increase in the number of tuna longliners operating under the Indonesian flag in recent years.

3. Data quality and timeliness

3.1. Nominal Catch

Nominal catch is arrived at by correcting the landings data by subtracting any gains in weight accrued prior to landing (for example through accretion of ice or water absorption) and by adding losses prior to landing (fluid loss, use as bait, consumption by crew, processing etc.), as well as any unrecorded landings, including home consumption.

In the forms distributed by IOTC, correspondents are requested to estimate these gains and losses and to indicate clearly whether the data supplied are landings or true nominal catch figures. However, these data are often very difficult to obtain.

In most cases, landings by coastal and artisanal fisheries are thought to be close to nominal catches, as the fish are landed with little or no processing. Few if any of these fisheries report fish used for bait or consumed by the fishers and their families. In the absence of any specific knowledge, no attempt was made to correct for this under-reporting.

tion de la division entre l'est et l'ouest de l'océan Indien a exigé la redistribution des prises du Sri Lanka dans l'océan Indien occidental sur sa partie orientale.

La modification à la frontière de la CTOI entre les zones 57 et 71 de la OAA a eu des conséquences importantes pour les statistiques indonésiennes. La série temporelle complète de prises en Indonésie a été passée en revue cette année, ayant pour résultat des prises beaucoup plus grandes que celles enregistrés dans la base de données de la OAA. La raison principale de ces évaluations plus élevées est la forte hausse ces dernières années du nombre des palangriers thoniers battant le pavillon indonésien.

3. Précision et mise à jour des données

3.1. Captures nominales

Les Captures Nominales correspondent aux débarquements auxquels sont ajoutés les pertes de poids (dues au conditionnement, tels que l'éviscération, le dessèchement, le poisson utilisé comme appât, consommé par l'équipage, etc.), ainsi que tout débarquement non enregistré (part de l'équipage). On doit aussi parfois soustraire certains gains de poids provenant, par exemple, d'absorption d'eau.

Dans les formulaires distribués par la CTOI pour les déclarations de captures nominales, il est demandé de fournir les données sous cette forme ou, tout au moins, de préciser s'il s'agit de captures nominales ou de débarquements non corrigés. Il est évident, toutefois, qu'il est souvent très difficile d'estimer les facteurs de correction.

Il est généralement probable que les débarquements des pêches côtières artisanales soient proches des captures nominales, puisque le poisson est débarqué sans aucun conditionnement. Dans l'absence de connaissances spécifiques, aucun facteur de correction n'a été utilisé pour compenser les sous-estimations.

Egalement, les débarquements des senneurs indus-

Similarly, landings from industrial purse seine fisheries will not be much different from nominal catches, as the fish are frozen without any further processing. In longline fisheries, however, fish from freezer vessels are gilled and gutted prior to freezing and the general tendency in the iced sashimi landings is to report weights after processing.

In a number of cases, longline catch data in weight are estimated from the numbers of fish caught, using the available size-frequencies and length-weight relationships. In those cases, the weights reported are very close to nominal weights and no raising was effected. For other longline fisheries where landings rather than nominal catches were reported, the data were raised by factors derived respectively for iced (fresh) fish from the IPTP sampling scheme in Penang (this information is being updated from IOTC sampling conducted both in Phuket and Penang) and for frozen fish by the Fisheries Resources Branch, DPI, Australia and from FAO Fisheries Circular No. 847. These factors are shown in Table 1.

3.2. Discards

Nominal catch does not include discards and is therefore not a reliable measure of the total removals from a fish stock. The level of discards from artisanal fisheries is thought to be generally negligible as markets exist for virtually any fish (often even fish which is in a poor state of preservation is landed) in the countries covered by IOTC.

This is not the case for industrial fisheries where the level of discards is extremely difficult to estimate since skippers rarely enter these data in logbooks and no current statistical system in the area records them. The level of bycatch varies from zero to thirty percent for purse seine fisheries in the western Indian Ocean, depending on whether the boats are fishing on schools that are free-swimming or associated to floating objects. Most non-target species are discarded, but the bycatch of tuna and tuna-like species can include billfish and some wahoo and small tunas. Although the level of discards of target species is thought to be negligible, there have been unconfirmed reports of discards of substantial quantities of juvenile tunas from schools associated to floating objects.

In longline fisheries, however, and in particular those which are producing for the sashimi market, the level of discards is thought to be much higher. The discards in these fisheries can include non-target species, fish damaged by sharks and cetaceans, fish which have died on the line and got spoiled before landing, fish of target species which are too small for

triels doivent être proches des captures nominales, puisque le poisson est congelé sans autre conditionnement. Sur les palangriers, toutefois, le poisson des bateaux congélateurs est éviscéré, et en général, les déclarations des palangriers qui pêchent du thon frais destiné au sashimi se réfèrent au poids après traitement à l'arrivée au port.

Dans certaines pêcheries palangrières, les poids sont estimés à partir du nombre de poissons capturés en employant des régressions poids-longueur disponibles et des échantillonnages qui donnent la structure de taille de la population. Dans ce cas, le poids estimé se rapproche du poids nominal et ne nécessite aucune correction. Pour d'autres pêcheries palangrières ou les statistiques déclarées concernent les débarquements plutôt que les captures nominales, les données ont été corrigées par des facteurs dérivés respectivement pour le poisson (frais éviscéré) sur glace par le programme d'échantillonnage IPTP à Penang (de nouvelles données viennent maintenant des programmes d'échantillonnage à Phuket et à Penang), et pour le poisson congelé par le Fisheries Resources Branch, DPI, Australie, ainsi que ceux qui figurent dans le Circulaire Pêches No. 847 de l'OAA. Ces facteurs sont présentés dans le Tableau 1.

3.2. Les rejets

Les captures nominales n'incluent pas les rejets et ne représentent donc pas une mesure fiable du total des prélèvements d'un stock de poissons. Il est probable que le niveau de captures accessoires et de rejets soit négligeable dans les pêches artisanales de l'océan Indien, puisqu'un marché existe pour à peu près n'importe quel poisson, même en mauvais état de conservation.

Ceci n'est pas le cas dans les pêcheries industrielles. Le niveau des rejets est extrêmement difficile à estimer, puisque les pêcheurs ne consignent en général pas ces informations dans leurs livres de bord et aucun système statistique ne les enregistre et ne les traite pour le moment. Dans la pêche à la senne tournante dans l'océan Indien occidental, l'incidence des rejets varie entre zéro et trente pour-cent, en fonction des pêches sur mattes libres ou sur épave. Dans l'ensemble les poissons des espèces non ciblées sont rejetés. Les captures accessoires comprennent, parmi les thonidés, des poissons porte épée et quelques thazards et de thonidés mineurs, mais le niveau de rejets des espèces cible sont probablement négligeables, quoique il y ait des témoignages non confirmés récents de rejets de quantités importantes de thons juvéniles pêchés sur épave.

Toutefois, dans les pêches palangrières, en particulier celles qui produisent pour le marché sashimi, il semble que le niveau de rejets soit beaucoup plus élevé. Les rejets de ces pêcheries peut comprendre les espèces non ciblées, du poisson attaqué par les requins

Table 2. Estimated level of discards from longline fisheries.
Tableau 2. Niveau estimé de rejets des pêches palangrières.

	YFT	BET	ALB	BLM	SWO	BIL	OTH	SHK
PENANG								
Discards/Same species <i>Rejets/Mêmes espèces</i>		15%	17%				79%	
Discards/Total catch <i>Rejets/Prises totales</i>	12%	4%	0.2%			24%	3%	49%
COLOMBO								
Discards/Same species <i>Rejets/Mêmes espèces</i>	31%	14%		84%	61%			
Discards/Total catch <i>Rejets/Prises totales</i>	9.9%	6.7%		7.3%	8.8%			

the sashimi market and non-target tuna and tuna-like species. Estimates of losses from shark and cetacean predation on hooked fish in a recent swordfish longline fishery based on Seychelles have ranged at times to 30% and even 50% of the catch.

An attempt has been made to estimate the level of discards from the IPTP sampling scheme on the longline fleet in Penang. This was done by comparing a number of landings where the level of discards was thought to be low, with the landings of the remainder of the fleet. Furthermore, the National Aquatic Resources Research and Development Agency (NARA) in Sri Lanka has been receiving log sheets from similar longliners based in Colombo during 1996. As there is a local market in Sri Lanka for fish which would otherwise be discarded, it is assumed that most of the catch is landed. The figures in the Table 2 include tentative estimates on discards based on these data. These figures do not include discards due to shark damage or spoilage and are thus an under-estimate.

In order to estimate total removals from a stock, the nominal catch of the longline fisheries should be raised, at a minimum, by the factors listed above. A similar exercise would be needed to raise purse seine removals. The assumptions on which these factors are based are rather tenuous and the data set used is small. It is therefore imperative that more data on discards be sought either through logbook reports or through observer programmes.

ou les cétacés, du poisson mort sur la ligne et qui s'est abîmé avant d'être embarqué, du poisson des espèces cible trop petit pour la commercialisation en sashimi et, finalement, des poissons, thonidés inclus, d'espèces peu commercialisables. Les estimations de pertes dues aux requins et cétacés sur poisson pris par la nouvelle pêcherie palangrière basée sur les Seychelles atteignent parfois 30%, même 50% des captures.

Une estimation a été faite du niveau des rejets, à partir d'un programme d'échantillonnage des débarquements de la flotte palangrière à Penang, en comparant certains débarquements où il semblait que presque toutes les captures avaient été retenues avec les débarquements du reste de la flotte. Au Sri Lanka, aussi, la « National Aquatic Resources Research and Development Agency » (NARA) a reçu durant 1996 les fiches de pêche de la flotte palangrière basée à Colombo. Comme il y a un marché local pour du poisson qui serait rejeté ailleurs, il est probable que la totalité des captures soit réellement débarquée. Le Tableau 2 donne donc une estimation provisoire des rejets basée sur ces données. Celle-ci est inférieure à la réalité, puisqu'elle n'inclue pas les rejets dus au poisson avarié ou attaqué par des prédateurs.

Pour estimer le total des prélèvements sur les ressources, les captures nominales des pêches palangrières doivent, au minimum, être multipliées par les facteurs ci-dessus. Un exercice semblable serait nécessaire par rapport aux pêches à la senne tournante. Les suppositions à partir desquelles ces facteurs sont basés sont plutôt légères, et le volume de données très petit. Il est donc impératif que l'on obtienne plus de données sur les captures accessoires et les rejets, soit par l'intermédiaire de fiches de pêche, soit à travers de nouveaux programmes d'observateurs.

Table 3. List of species
Tableau 3. Liste des espèces

CODE	COMMON ENGLISH NAME	NOM COMMUN FRANCAIS	SCIENTIFIC NAME
YFT	Yellowfin tuna	<i>Albacore</i>	<i>Thunnus albacares</i>
SKJ	Skipjack	<i>Listao; Bonite à ventre rayé</i>	<i>Katsuwonus pelamis</i>
BET	Bigeye tuna	<i>Patudo; Thon obèse</i>	<i>Thunnus obesus</i>
ALB	Albacore tuna	<i>Germon</i>	<i>Thunnus alalunga</i>
SBF	Southern Bluefin tuna	<i>Thon rouge du sud</i>	<i>Thunnus maccoyii</i>
LOT	Longtail tuna	<i>Thon mignon</i>	<i>Thunnus tonggol</i>
FRI	Frigate tuna	<i>Auxide</i>	<i>Auxis thazard</i>
BLT	Bullet tuna	<i>Bonitou</i>	<i>Auxis rochei</i>
FRZ	Frigate & Bullet tunas	<i>Auxides et Bonitous</i>	<i>Auxis</i> spp.
KAW	Kawakawa	<i>Thonine orientale</i>	<i>Euthynnus affinis</i>
TUN	Tunas & Bonitos *NEI	<i>Thons et bonites</i> ?NCA	Thunnini and Sardini *NEI
COM	Narrow barred Spanish Mackerel	<i>Thazard rayé</i>	<i>Scomberomorus commerson</i>
GUT	Indo-Pacific king mackerel	<i>Thazard ponctué</i>	<i>Scomberomorus guttatus</i>
STS	Streaked seerfish	<i>Thazard cirrus</i>	<i>Scomberomorus lineolatus</i>
WAH	Wahoo	<i>Thazard-bâtard</i>	<i>Acanthocybium solandri</i>
SEER(KGX)	Wahoo and seerfishes *NEI	<i>Thazards</i> ?NCA	Scomberomorini *NEI
SWO	Swordfish	<i>Espadon</i>	<i>Xiphias gladius</i>
BLM	Black Marlin	<i>Makaira noir</i>	<i>Makaira indica</i>
BLZ	Indo-Pacific Blue Marlin	<i>Makaira bleu Indo Pacifique</i>	<i>Makaira mazara</i>
MLS	Striped Marlin	<i>Marlin rayé</i>	<i>Tetrapturus audax</i>
SFA	Indo-Pacific Sailfish	<i>Voilier Indo-Pacifique</i>	<i>Istiophorus platypterus</i>
SSP	Short-billed spearfish	<i>Makaira à rostre court</i>	<i>Tetrapturus angustirostris</i>
BILL(BIL)	Billfish *NEI	<i>Poissons épée</i> ?NCA	Xiphoidei *NEI
TUX(OTH)	Tuna-like fishes *NEI	<i>Poissons type thon nca</i> ?NCA	Scombroidei *NEI

*NEI: Not elsewhere included

? NCA: Non compris ailleurs

3.3. Timeliness of data submission

A resolution on Mandatory Statistical Data Reporting Standards was adopted by IOTC at its Third Session in 1998. This resolution specifies that contracting and collaborating parties are required to report data relating to the previous year by 30 June, although longline data may be considered provisional until 30 December by which time the final data should be provided. The Secretariat sends data forms to the Liaison Officer of each country in the second quarter of the year, although Liaison Officers are encouraged to provide data in electronic format. There is an increasing trend for tardy submission of data and in some cases, the delays have extended to more than two years. In those cases, if no alternative data sources are available (e.g. from transshipment statistics or other published material), the data for the preceding year are carried forward. Persons wishing to use these data for scientific purposes are requested to contact IOTC for the latest available figures, as these may

3.3. Fraîcheur des données

La CTOI a adopté lors de sa troisième session en 1998 une résolution qui définit les normes obligatoires à respecter dans la soumission des données. Cette résolution précise que les données doivent être transmises à la CTOI au plus tard le 30 juin suivant l'année sous référence. Toutefois, les données sur la pêche palangrière peuvent être considérées provisoires jusqu'au 30 décembre, dernier délai pour la transmission des chiffres définitifs. Les formulaires reproduits en annexe sont transmis à chaque agent de liaison au premier trimestre ; toutefois, le Secrétariat encourage vivement la transmission des statistiques sous forme électronique. Des délais de plus en plus longs se font sentir pour la soumission des données, et dans certains cas, le retard a été de plus de deux ans. Dans ce cas, si aucune source alternative de données n'est disponible (p. ex. des statistiques de transbordements ou autre chiffre publié), les données pour l'année précédente sont reportées. Les personnes désirant des données pour usage scientifique devraient donc adresser une demande à la CTOI pour obtenir les chiffres les plus récents disponibles, puisque

Table 4. List of types of gear.
Tableau 4. Liste d'engins.

Names in English	Noms français	Code
Longline <i>includes:</i> Fresh tuna longline Deep-freezing longline	Palangre	LL
Pole and line (baitboat):	Canne	BB
Purse seine <i>also includes:</i> Ring net	Senne tournante <i>Lampara</i>	PS
Gill net	Filet maillant	GILL
Line <i>includes:</i> Hand line Troll line	Lignes <i>Ligne à main</i> <i>Ligne de traîne</i>	LINE
Unclassified <i>includes:</i> Unknown and Bag net Seine net Trawl Trap	Non classé <i>Filet à poche</i> <i>Sennes</i> <i>Chaluts</i> <i>Madragues</i>	OTHR(UNCL)

have been submitted after the publication of the Data Summary.

4. Symbols used

4.1. Special country codes

In the statistical tables presented in this Data Summary a number of special codes are used to identify fleets that the Secretariat considered that had to be reported under a distinct category (other than the flag country) due to various reasons. The codes that have been used are described in Table 5.

Among the situations covered by these codes, the typical example is that of a fleet composed of similar vessels operating under various flags and whose catches are not reported by the flag countries. The catch for this fleet is estimated using a procedure that usually does not make a distinction between flags, as this information could rarely be obtained

In other cases, the quality of the reporting could be considered consistent only for a portion of the fleet flying a particular flag. Typically, the flag country does not provide information for these vessels, but the data are available from a statistical system of a third party (e.g. vessels under charter arrangements). In other cases, a single vessel operates under a particular flag and the catches need to be reported aggregated to preserve the confidentiality

ceux-ci pourraient avoir été soumis après la parution de ce Recueil.

4. Symboles utilisés

4.1. Codes spéciaux de pays

Dans les tableaux présentés dans ce Recueil Statistique un certain nombre de codes spéciaux sont employés pour identifier les flottes que le Secrétariat, pour diverses raisons, a considéré qu'elles devraient apparaître sous une catégorie distincte (autre que le pays du pavillon). Les codes qui ont été employés sont décrits dans le tableau 5.

Parmi les situations abordées par ces codes, l'exemple typique est celui d'une flotte composée de bateaux semblables fonctionnant sous divers pavillons et dont les prises ne sont pas déclarées par les pays du pavillon. La prise pour cette flotte est estimée en utilisant un procédé qui habituellement ne fait pas une distinction entre les pavillons, car cette information peut rarement être obtenue.

Dans d'autres cas, la véracité des déclarations a pu être considérée conforme pour seulement une partie de la flotte battant un pavillon particulier. Généralement, le pays du pavillon ne fournit pas l'information pour ces bateaux, mais les données sont obtenues à partir du système statistique d'une partie tiers (p. ex. bateaux opérant sous des dispositions d'affrètement). Dans d'autres cas, un bateau seul fonctionne sous un pavillon particulier et ses prises sont

Table 5. Special country codes
Tableau 5. Codes spéciaux de pays

HONDURAS-INDIA	Honduran vessels operating under charter agreements in India and reported by India. Recorded under Honduras flag (which includes a large number of non-reporting vessels) in previous Data Summaries
HONDURAS-INDE	Bateaux du Honduras affrétés en Inde et déclarés par l'Inde. Enregistrés sous le pavillon du Honduras (ceci inclut un grand nombre de bateaux qui ne déclarent pas) dans des précédents Recueils Statistiques.
FRANCE-MAYOTTE	Catches reported by France as being from vessels based in its overseas territories in the Indian Ocean.
FRANCE-MAYOTTE	Les prises déclarées par la France concernant les bateaux basés dans ses territoires d'outre-mer dans l'océan Indien.
TAIWAN,CHINA-NEI	Catches by small, fresh-tuna longliners operating under various flags, mainly from Taiwan,China. Catches estimated by the IOTC Secretariat from various sources (IOTC Sampling Programmes, historical information from plant operators, etc.)
TAIWAN,CHINE-NCA	Prises des petits palangriers glaciers battant divers pavillons, principalement à partir de Taiwan, Chine. Prises estimées par le Secrétariat de la CTOI à partir de diverses sources (programmes d'échantillonnages de la CTOI, information historique des exploitants de l'installation, etc.)
NEI (Not Elsewhere Included)	Catches of non-reporting vessels, estimated by the IOTC Secretariat using, in most cases, the number of vessels operating per year.
NCA (Non Compris Ailleurs)	Prises des bateaux ne déclarant pas, estimées par le Secrétariat de la CTOI en utilisant, dans la plupart des cas, le nombre des bateaux fonctionnant par an.
NEI-URSS and NEI-RUSSIA	Catches of purse-seine vessels operating under various flags and monitored by scientists from the former USSR until 1991 and from Russia until 1995. Formerly reported as Liberia or Cayman Islands. After 1995, these catches are reported under the NEI category.
NCA-URSS et NCA-RUSSIE	Prises des senneurs battant divers pavillons et contrôlés par des scientifiques de l'ancienne URSS jusqu'en 1991 et de Russie jusqu'en 1995. Autrefois déclaré sous le du Libéria ou les Iles Cayman. Après 1995, ces prises sont déclarées sous la catégorie NCA.
NEI-EU	Catches of purse-seine vessels flying various non-European flags and monitored and reported by European scientists. One Italian vessel is included in this category as it is the only purse seiner under this flag.
NCA-UE	Prises des senneurs battant divers pavillons non européens, contrôlés et déclarés par des scientifiques Européens. Le seul sennneur italien est inclus dans cette catégorie pour des raisons de confidentialité.

of the individual vessel operations.

associées dans une catégorie NCA pour préserver la confidentialité des différentes opérations de bateau.

5. Description of the Tables

5. Description des tableaux

5.1. Nominal catch statistics

5.1. Captures nominales

The nominal catch tables (Sections 7.1 - 7.5), covering the period from 1990 through 1999, are arranged in order of increasing level of detail. The catches, in metric tonnes (t) refer to calendar years for both coastal and distant water fleets. Some data were provided on a split-year basis, and the data refer to the calendar year in which the split-year ends.

Les tableaux de Captures Nominales (Sections 7.1 – 7.5), couvrant la période entre 1990 et 1999, sont classés en ordre de détail croissant. Les données sont en tonnes métriques (t) et se réfèrent à l'année civile et aux captures aussi bien des pays côtiers que celles des pays de pêche lointaine. Certaines données ont été déclarées sur la base d'une année fractionnée et les données présentées ici se réfèrent à l'année durant laquelle se termine l'année fractionnée.

The first set of tables are summaries. They present catch by species and broad ocean areas for all tuna and tuna-like species (7.1), the breakdown by type of gear (7.2) and the catch by country for all species combined, for tunas and bonitos, for seerfish and for billfish (7.3).

Le premier groupe de tableaux présente les données en synthèse. Il présente les prises par espèce et zone statistique CTOI pour tous les thonidés (7.1), la répartition par engin de pêche (7.2) et les prises par pays du total des thonidés, des thons et bonites, des thazards et des poissons porte-épée (7.3).

The subsequent tables provide more detailed data. Section 7.4 presents catch by species, country, gear and year for all tuna and tuna-like species for the whole Indian Ocean.

Les tableaux qui suivent sont plus détaillés. Les prises annuelles par espèce, pays et engin pour tous les thonidés figurent à la Section 7.4 pour l'océan Indien

The fifth set of nominal catch tables (7.5) presents nominal catches by country, year, gear, area and species for all countries reporting tuna catches in the Indian Ocean from 1990 to 1999.

5.2. Fishing Craft statistics

The number of fishing vessels targeting tuna and tuna-like species as the main species or a significant by-catch element in the national fleets are presented in order to provide information on the economic and technical development of the fisheries and to provide an approximate idea of fluctuations in fishing effort (Section 7.6).

When the fishing craft database was reviewed, some of the missing data in the time series were filled by interpolation. The more normal procedure of carrying forward data from the last surveyed year was not adopted since that would have given the impression of sudden jumps in investment.

The Commission adopted resolution 98/04 at its Third Session calling on contracting and collaborating parties to provide detailed information on their domestic fleets fishing for tunas (facultative for vessels of less than 24 m LOA), on all foreign flag tuna fishing vessels licensed by them and on foreign flag tuna fishing vessels using their ports. An attempt has been made to update the Fishing Craft Statistics (Section 7.6) from this data source.

5.3. Catalogue of IOTC databases

The listing in this table (Section 7.7) indicate the databases available in IOTC which are not published because of their size and because they may be of interest to scientists only. The catch-and-effort data from industrial fisheries have also been published by the IPTP in an Atlas. Those data sets that are in the public domain can be provided on request by e-mail, on magnetic media or on CD-ROM.

The Catalogues in 7.7 show the availability of nominal catch data (black) versus catch and effort (grey squares) and size frequency (white squares) statistics for the period 1950-99, by species or species groups (7.7a Tropical Tunas, 7.7b Temperate Tunas, 7.7c Neritic Tunas and 7.7d Billfish), country, gear and year. The average catches for 1995 to 1999 are also recorded for each stratum, as an indication of the relative importance of each fishery.

The nominal catch series in the catalogues represent the availability of data in the IOTC nominal

en entier.

La cinquième série de tableaux (7.5) présente les captures nominales par espèce, pays, engin et zone statistique entre 1990 et 1999.

5.2. Statistiques des flottes de pêche thonière

La composition des flottes thonières qui opèrent dans l'océan Indien est présentée afin de fournir des éléments sur le niveau de développement économique, sur les techniques de pêche, et aussi sur les fluctuations de l'effort de pêche (Section 7.6).

Au courant de la dernière révision de cette base de données, certaines données manquantes ont été complétées par interpolation. La pratique plus usuelle de reconduire les données des années précédentes n'a pas été suivie puisqu'elle aurait donné l'impression de bonds soudains dans les investissements.

A sa troisième session, la Commission a adopté la résolution 98/04 qui demande aux parties contractantes et coopérantes de fournir des informations détaillées concernant tous les bateaux qui pêchent le thon (facultatif pour les bateaux du pays même de moins de 24 m), inclus les bateaux étrangers à qui le pays a délivré des licences ou qui relâchent dans ses ports. Cette source de données a également servi pour compléter les statistiques des flottes (Section 7.6).

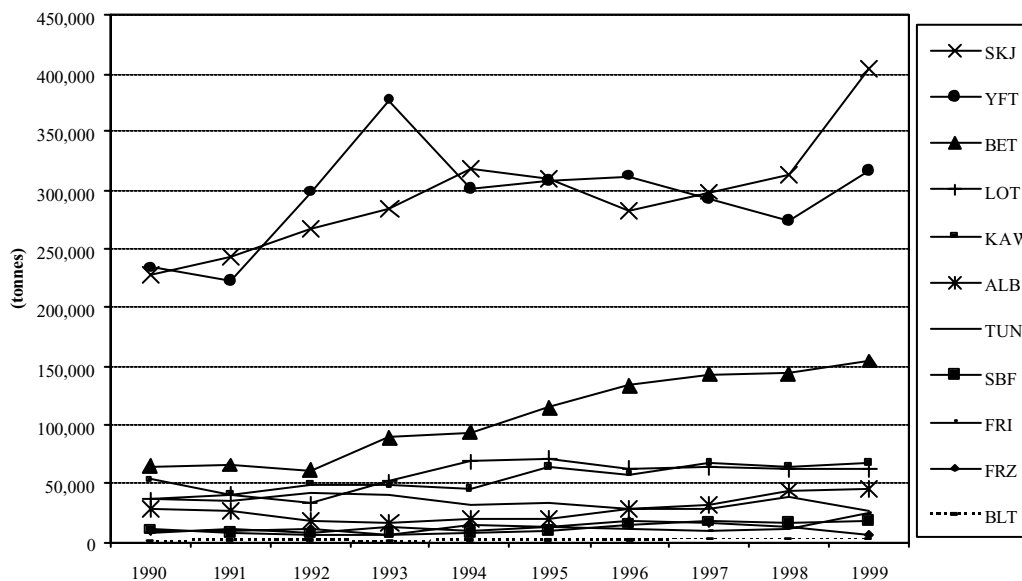
5.3. Catalogue des bases de données CTOI

Le tableau à la Section 7.7 est un catalogue des données disponibles à la CTOI, comprenant également celles qui ne sont pas régulièrement publiées puisque trop volumineuses ou dont l'intérêt est limité aux scientifiques. Les données de prises et d'effort des pêches industrielles ont aussi été publiées par l'IPTP sous la forme d'un Atlas. Les données détaillées qui sont du domaine public peuvent être fournies sur support magnétique, sur CD-ROM ou par e-mail.

Les catalogues représentés en 7.7 affichent la disponibilité des données de captures nominales (noir) versus les statistiques de prise et d'effort (grille grises) et de fréquence des tailles (grilles blanches) pour la période 1950-99, par espèce ou groupes d'espèces (7.7a thons tropicaux, 7.7b thons tempérés, 7.7c thons néritiques, et 7.7d poissons porte épée), par pays, engin et année. Les prises moyennes pour la période 1995 à 1999 sont également enregistrées par strate, afin d'indiquer l'importance relative de chaque pêcherie.

La série des captures nominales dans les catalogues représente la disponibilité des données dans la base de données des captures nominales de la CTOI, mais n'in-

Figure 4. Tunas: Catch by species
Figure 4. Thons: Captures par espèce



catches database, not whether catches occurred or not in years when no data are presented. In some cases, especially in the early years of the fishery, the Secretariat could not estimate the catches of artisanal fleets known to catch tuna in the Indian Ocean due to the lack of reliable information. If more information becomes available, it might be possible to extend some of the time series backwards.

diquent pas s'il n'y aurait ou non eu de prises quand des données pour certaines années sont absentes. Dans certains cas, particulièrement au début de la pêche thonière, le Secrétariat n'a pas pu estimer les prises des flottes artisanales connues pour pêcher le thon dans l'océan Indien, à cause du manque d'information fiable. Si on arrive à obtenir plus d'informations complémentaires, il sera alors possible de compléter une partie de la série temporelle historique.

6. Summary analysis of trends

Graphical representations are made of significant features in Sections 7.1 to 7.3 in order to highlight trends.

6.1. Catch by Species (Table 7.1.1-3)

Total landings of tuna and tuna-like species have increased significantly in the period under review. Marked increases were registered in 1992 and 1993, followed by a slight decrease in 1994 and gradual increases from that year onwards, until the 1999 record catches which were close to 1.4 million tonnes.

Tunas account for the largest share of the total catch and also for the largest increase during the past ten years. Since the mid-1980s, landings of yellowfin, skipjack and bigeye tuna from industrial purse seine and longline fleets have been increasing. After two years of decrease, catches of yellowfin tuna increased substantially in 1999, second only to the re-

6. Analyse synthétique des tendances

Aux sections 7.1 jusqu'à 7.3 on trouvera des représentations graphiques de faits marquants qui permettent de mettre en relief les tendances et les fluctuations.

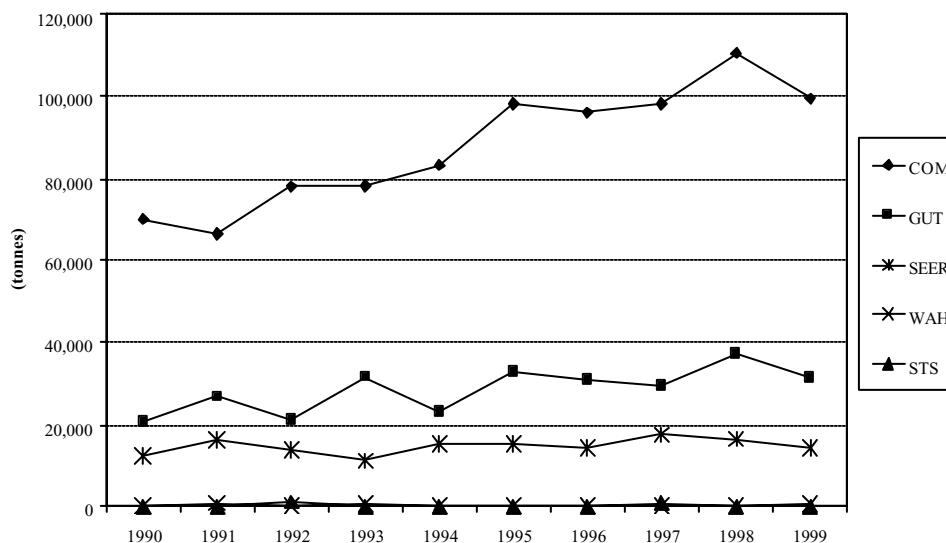
6.1. Prises par espèce (Tableau 7.1.1-3)

Les débarquements totaux des thonidés ont augmenté sensiblement dans la période considérée. De fortes augmentations ont été enregistrées en 1992 et 1993, suivies d'une légère diminution en 1994 et des augmentations progressives à partir de cette année là, jusqu'en 1999 où l'on a enregistré des captures records avoisinant les 1,4 millions de tonnes.

Les thons composent la plus grande part de la prise totale et également expliquent la forte tendance à la croissance pendant les dix dernières années. Vers le milieu des années 80, les débarquements de l'albacore, du listao et du thon obèse à la senne tournante et par les flottes industrielles de palangre avaient augmentés. Après deux années en perte de vitesse, les captures d'albacore ont augmenté sensiblement en 1999, et arrivent en seconde position derrière

Figure 5. Seerfish: Catch by species

Figure 5. Thazards: Captures par espèce



cord catches of 1993. Bigeye tuna saw record catches every year since 1993. The highest ever catches of skipjack tuna were recorded in 1999, amounting to more than 400,000 t, representing a sharp increase in relation to previous years. The sharp increases in the catches of both yellowfin and skipjack tunas during 1999 came from the exceptional catch rates of industrial purse seiners.

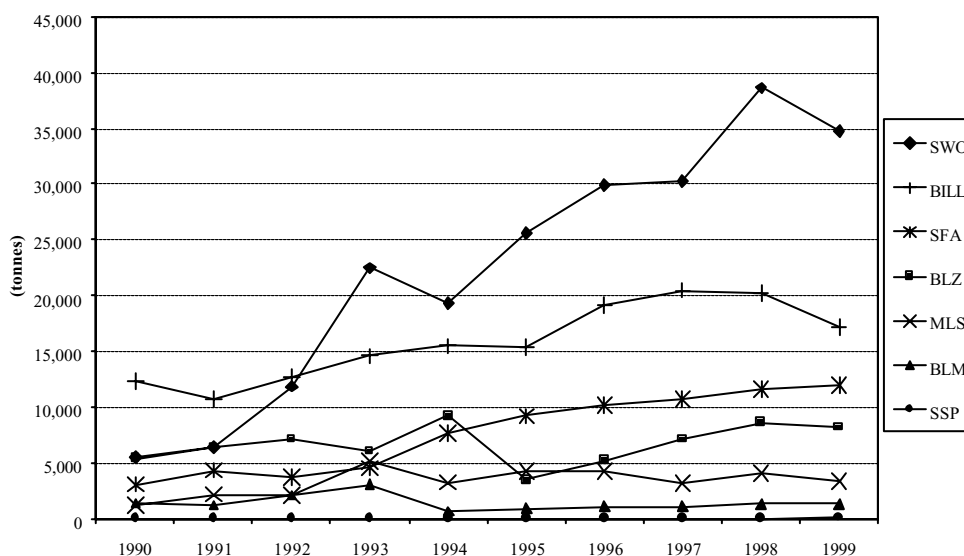
les prises de 1993. Depuis 1993, on a enregistré, chaque année des prises record du thon obèse. En 1999, on trouve les prises de listao les plus élevées jamais enregistrées avec un total s'élevant à plus de 400 000 t, ce qui représente un accroissant considérable des taux de capture par rapport aux années précédentes. Ces pics de captures très élevés pour l'albacore et le listao qui apparaissent en 1999, sont liés à des rendements exceptionnels dans les captures chez les flottilles de senneurs industriels.

Albacore catches, coming almost all from longliners, again reached record levels, slightly above the

Le total des prises de germon, qui proviennent pratiquement toutes de la pêche palangrière, a de nouveau

Figure 6. Billfish: Catch by species

Figure 6. Poissons porte-épée: Captures par espèce



1998 values. However, the catches prior to 1998 could have been underestimated as the number of large NEI longliners is better known for 1998-99.

The catches of Southern bluefin tuna in the Indian Ocean, which declined strongly until 1992, have been steadily increasing since then. The observed fluctuations are partly a consequence of shifts of effort between the Indian, Atlantic and Pacific Oceans.

The landings of longtail tuna, a species which is restricted to shallow Indo-Pacific waters, also increased enormously from 1992 to 1995, then decreased and stabilised. Kawakawa catches followed a trend that was only slightly less striking.

Total catches of seerfish attained record levels at close to 160,000 t in 1998, easing off during 1999 with values much like those recorded from 1995 to 1997.

Narrow-barred Spanish mackerel amount to two thirds of the total seerfish catch. In the eastern Indian Ocean, catches more than doubled over the decade, but still amount to less than half those of the western Indian Ocean. In the western basin, the landings of this species have not varied significantly since 1995.

Catches of billfish also more than doubled between 1992 and 1998, decreasing slightly in 1999. The relative contribution of the group to the total catch is, nevertheless, small. Swordfish catches underwent a more than four-fold increase between 1990 and 1999. The arrival of longliners targeting swordfish in the Indian Ocean in the mid-nineties, mainly from European countries, along with a shift in targeting from tunas to swordfish in some longliners from Taiwan, China and the development of new fisheries in some Eastern Indian Ocean countries explains the increase in catches of this species.

The catches of marlins have been more or less stable over the years. However, reporting is thought to be a poor reflection of actual catches as marlins are often discarded in industrial fisheries and thus not recorded in logbooks. Furthermore, a large proportion of the catches are aggregated by species. The catches of Indo-Pacific sailfish between 1990 and 1999 increased almost five-fold, almost all coming from the Eastern Indian Ocean. Most of these catches come from gillnets in Sri Lanka.

After the ENSO event in 1998, when purse seine fishing moved largely to the Eastern Indian Ocean, the situation came back to normal in 1999, with most of the fleet operating the western basin. The

atteint des valeurs légèrement au-dessus de celles de 1998. Il convient toutefois de noter que les prises effectuées dans les années avant 1998 pourraient avoir été sous-estimées, en effet, pour 1998 et 99 on connaît mieux le nombre des grands palangriers NCA.

Les prises de thon rouge du Sud dans l'océan Indien, qui avaient diminué fortement jusqu'en 1992, ont depuis lors fortement augmenté. Les fluctuations observées sont en partie la conséquence des déplacements de l'effort de pêche entre les océans pacifiques, indiens et atlantiques.

Les débarquements de thons mignons, espèce qui est limitée aux eaux peu profondes Indo-Pacifique, ont également augmenté énormément de 1992 à 1995, mais depuis ils ont diminué et se sont stabilisés. Les prises de thonines ont suivi une évolution comparable mais de façon moins spectaculaire.

Les prises totales de thazard ont atteint des niveaux record enregistrés atteignant presque les 160 000 t en 1998, puis elles affichent un certain relâchement en 1999 avec des valeurs voisines de celles enregistrées de 1995 à 1997.

Le thazard rayé indopacifique constitue les deux tiers du total des prises des thazards dans l'océan indien oriental, les prises ont plus que doublé au cours de la décennie, mais s'élèvent toujours à moins de la moitié de celles effectuées dans l'océan Indien occidental. Dans le bassin occidental, les débarquements de cette espèce n'ont sensiblement pas changé depuis 1995.

Les prises de poissons porte-épée ont également plus que doublé entre 1992 et 1998, diminuant légèrement en 1999. Les prises de ce groupe d'espèces ne constitue cependant qu'une très faible proportion du total des captures. Ce total des prises d'espadon s'est vu multiplié par quatre entre 1990 et 1999. On explique l'augmentation des prises de cette espèce par l'arrivée dès mi-90, de palangriers ciblant l'espadon dans l'océan Indien, venant principalement des pays européens, avec de la part de quelques palangriers taiwanais, un changement dans le ciblage, et qui sont passés de la pêche au thon, à la pêche à l'espadon, mais aussi par le fait que certains pays de la zone orientale de l'océan Indien se sont mis à développer cette pêcherie.

Les prises de makaires sont restées plus au moins stables au cours des années. Cependant, on considère que les déclarations faites pour cette espèce ne reflètent guère les prises réelles, car bien souvent les pêcheries industrielles rejettent à la mer ces poissons et, par conséquent, ne les enregistrent pas sur les fiches de pêches. En outre, une grande proportion des prises est agrégée par espèce. Les prises d'espadon voilier Indo-Pacifique a augmenté presque de cinq fois entre 1990 et 1997, presque tout venant de l'océan Indien oriental. La plupart de ces prises viennent de la pêche au filet maillant du Sri Lanka.

Lors du phénomène ENSO en 1998, une grande

sharp increases in the catches of skipjack and yellowfin occurred particularly in the Somali area, where there were exceptional catches on schools associated with fish aggregating devices (FADs).

Catches of other tuna and tuna-like species in the West remained more or less stable compared to 1998 values. The increase in the recorded catches of Frigate tuna and the decreases of those recorded under FRZ (frigate and bullet tunas aggregated) and TUN (all tuna species aggregated) are the consequence of more detailed reporting from several countries in 1999 and do not represent real increases in landings. Seerfish and billfish catches slightly fell in 1999 to 1996-97 values. There was however an increase in the catches of Indo-Pacific sailfish and a decrease in catches of Indo-Pacific blue marlin.

Catches in the Eastern Indian Ocean remained at the 1998 level. This comes from much higher catches of tuna longliners, compensating the lower purse seine catches in the area. The steady growth of the Indonesian longline fleet since 1996 is the main reason for this increase in the longline catches. The longline fishery in Indonesia was reviewed this year to estimate the entire series of longline catches, from 1973 to 1999. The FAO and IOTC areas differ as regards the boundary between Areas 57 and 71, which explains why the IOTC estimates are well above those from FAO.

6.2. Catch by Gear

Area graphs are presented for this section to illustrate the development in catches of each gear. The purse-seine fishery, which expanded greatly in the first half of the period, has been stable since 1993, despite record years in 1995 and 1999. Longline catches have continued to increase, with high catches in 1998 and 1999, both close to the 1993 record value. Gillnet catches increased again in 1999, with catches more than twice those of 1993. Baitboat catches, which remained more or less stable between 1994 and 1997, increased by the same orders of magnitude in 1998 and 1999. Maldivian pole and line boats are responsible for almost all catches under this gear. Line catches, including hand and troll lines, also increased in 1999. The catches under these gears, all from artisanal fisheries, could be somewhat biased, due to under-reporting or aggregation under broader categories. The unclassified category, which oscillated around 200,000 t from 1988 to 1997, dropped in 1998 and again in 1999, to 120,000 t. This im-

partie des flottilles de senne tournante s'était déplacée pour pêcher dans l'océan Indien oriental, mais la situation est revenue à la normale en 1999, la majeure partie des flottilles opérant normalement dans le bassin occidental. On observe de fortes hausses des prises de listao et d'albacore en particulier dans la zone somalie, où l'on a enregistré de prises exceptionnelles sur des mattes liées aux dispositifs de concentration de poisson (DCP).

Comparativement aux valeurs de 1998, les taux de captures des autres thonidés dans l'océan Indien occidental sont restés plus ou moins stables. L'augmentation des prises que l'on a enregistrée pour les auxides, ainsi que les diminutions de celles enregistrées sous FRZ (frégate et auxides agrégées) et TUN (toutes espèces de thon agrégées) sont la conséquence de déclarations plus détaillées de plusieurs pays en 1999 et ne représentent pas d'augmentations réelles dans les débarquements. Les prises de thazards et de poissons porte-épée ont légèrement diminué en 1999 comparativement aux valeurs enregistrées pour la période 1996-97. On note cependant une augmentation des prises d'espadons voiliers Indo-Pacifique et une diminution des prises de makaire bleu Indo-Pacifique.

Les prises dans l'océan Indien oriental sont restées au niveau de 1998. Ceci vient d'une récolte beaucoup plus abondante de thons par les palangriers, ce qui compense la diminution des prises de senne tournante dans la zone. La croissance régulière de la flotte indonésienne de palangre depuis 1996 est la raison principale de cette augmentation des prises de palangre. La pêcherie palangrière en Indonésie a fait l'objet d'une étude approfondie afin d'estimer la série entière des prises de palangre, de 1973 à 1999. Les zones de la OAA et de la CTOI diffèrent en ce qui concerne la frontière entre les zones 57 et 71, ce qui explique pourquoi les évaluations de la CTOI sont bien au-dessus de celles de la OAA.

6.2. Prise par engin

Des graphiques de surface sont présentés dans cette section afin d'illustrer le développement des prises pour chaque type d'engin. La pêche à la senne, qui a augmenté considérablement dans la première moitié de la période, est restée stable depuis 1993, en dépit des années 1995 et 1999 où l'on a enregistré des prises record. Les prises de palangre ont continué à augmenter, avec des prises maxima en 1998 et 1999, toutes les deux proches des valeurs de 1993. Les prises des filets maillants ont augmenté encore en 1999, avec des prises plus de deux fois supérieures à celles de 1993. Les prises des canneurs, qui sont restées plus ou moins stables entre 1994 et 1997, ont augmenté dans les mêmes proportions en 1998 et en 1999. Les bateaux maldiviens qui pêchent à la canne représentent à eux seuls presque toute la prise effectuée par cet engin. Les prises à la ligne, y compris les lignes à main et les lignes de traîne ont également augmenté en 1999. Toutes les prises sous ces engins qui sont toutes issues des pêcheries artisanales, sont peut être légèrement fausses, soit parce qu'elles ont été sous déclarées

provement in the level of detail is in part due to the efforts of the Secretariat to split aggregated data into the appropriate constituents.

An analysis of the species composition by gear shows that pole-and-line, purse seine and longline vessels catch mainly tunas. Seerfish are caught mainly by lines and unclassified gears, with significant catches from gillnet fisheries. Billfish are caught mainly by longline, line and gillnet fisheries, and form a small proportion of unclassified gear catches.

Purse seine catches are most important in the western area, amounting to more than 30% of the total catches in this area. Longline catches are predominant in the eastern Indian Ocean. The high catches under unclassified gears, especially in the Eastern area, is of concern. A thorough review of the Indonesian fisheries, where most of these catches originate, would considerably reduce these uncertainties.

6.3. Catch by country

The tables under section 7.3 show the catch by country under the sub headings "all species combined", "tunas", "seerfish" and "billfish". In this section, a distinction has been made in the graphic presentations between countries with predominantly artisanal fisheries and countries with predominantly industrial fisheries, primarily to provide an idea of recent trends. An industrial fishing country is defined as one in which a large proportion of the catch originates from vessels that are large (>100 GT), capable of prolonged trip duration, have good refrigeration facilities and are highly mobile. Such a distinction will naturally include all DWFNs³ in the category of industrial fishing countries, but the fisheries of several coastal countries are also characterized as being of a predominantly industrial nature. Thus, the attribute 'industrial' is taken to be in relation to the fishery rather than the country. This classification is an indication of the mobility and range of the fisheries and of the evolution towards industrialization.

Each table is further illustrated with a thematic map showing the catches of the time series. DWFNs are shown on the left side of the map.

For the Indian Ocean as a whole and taking all species into consideration, the industrial catch

ou encore agrégées sous de plus larges catégories. La catégorie non classifiée, qui oscillait aux alentours des 200 000 t de 1988 à 1997, s'est effondrée en 1998 et a encore diminué en 1999, pour n'être plus que de 120 000 t. Cette amélioration au niveau du détail est en partie due aux efforts du Secrétariat de décomposer les données agrégées pour les replacer dans des catégories appropriées.

Une analyse de la composition d'espèces par engin montre que les prises des bateaux qui pêchent à la canne, à la senne tournante et à la palangre prennent principalement des thons. Les thazards sont pris principalement par les ligneurs et des engins non classifiés, avec une prise importante pêchée au filet maillant. Les poissons porte-épée sont pêchés principalement à la palangre, à la ligne et au filet maillant, et correspondent à une petite proportion des prises des engins non classifiés.

Les prises de senne tournante sont les plus importantes dans la zone occidentale, s'élevant à plus de 30 % de la prise totale dans cette zone. Les prises de palangre sont prédominantes dans l'océan Indien oriental. Les prises élevées par des engins non classifiés, particulièrement dans la zone orientale, sont source d'inquiétude. Un examen complet des pêches indonésiennes, où la plupart de ces prises se font, réduirait considérablement ces incertitudes.

6.3. Prises totales par pays

Les tableaux de la section 7.3 montrent les prises par pays sous les rubriques sous titrées « toutes espèces combinées », « thons », « thazards » et « poissons porte-épée ». Dans cette section, une distinction a été faite dans les présentations graphiques entre les pays ayant principalement des pêcheries artisanales et les pays dont les pêcheries sont essentiellement industrielles, de façon à mieux faire apparaître les tendances récentes. On définit un pays ayant une pêcherie industrielle, un pays dont une grande proportion des prises provient de bateaux de grande taille (>100 TJB), capables d'effectuer de longues marées, dotés d'équipements modernes de réfrigération et qui sont fortement mobiles. Une telle distinction va naturellement comprendre tous les pays hors océan Indien qui pratiquent la pêche industrielle, mais les pêcheries de plusieurs pays côtiers tombent de par leur nature, également dans la catégorie principalement « industrielles ». Ceci signifie que le terme « industriel » se rapporte davantage à la pêcherie plutôt qu'au pays lui-même. Cette classification donne une indication de la mobilité et de l'étendue des pêcheries ainsi que de l'évolution vers l'industrialisation.

Chaque tableau est encore illustré d'une carte thématique qui permet de visualiser les prises de la série temporelle. Les pays non-riverains sont sur le côté gauche de la carte.

Pour l'océan Indien dans son ensemble et prenant en compte toutes les espèces, la prise industrielle constitue environ la moitié du total des captures. Les prises des thons par les pêcheries industrielles ont été entre cinq et

³ Distant water fishing nations

constitutes about half the total. The industrial catches of tunas have been between five and ten percent higher than artisanal catches throughout the decade. Oceanic tuna species were mostly caught by DWFNs, while riparian countries caught almost all the neritic tunas. The rapid rise of tuna catches of NEI fleets, should be noted, associated with a proportional drop in the catches of traditional purse seine fishing countries. The increase in the catches of Indonesian longliners in recent years is also worth mention, amounting to more than 60% of the total catches estimated for this country in the Indian Ocean. A sharp increase in the catches of gill-nets in Iran was also noted in 1999, with important catches of yellowfin and longtail tunas.

Seerfish catches are almost exclusively from artisanal fisheries of coastal countries, in particular those with extensive shelf areas. There may have been underreporting of wahoo catches by both longliners and purse seiners, as this species is generally discarded. India, in particular, has seen a rapid rise in seerfish landings.

Sri Lanka and Taiwan, China dominate billfish landings, with only small amounts reported by other countries. Sri Lanka and NEI catches have been rising fast, with a more modest trend in Indonesia and France (Réunion). The Sri Lanka catches, though, are largely sailfish and marlins, while the Taiwan, China, Indonesia, NEI and France (Réunion) catches are mainly swordfish.

The trend in industrial landings of billfish, mainly by far-east fleets, may have been a result of previous underreporting. At present, the improving market for these species, partly due to the bad situation of fisheries in the Atlantic Ocean, has also probably reduced the level of discards. The increase in landings of billfish by the artisanal fisheries, mainly by Sri Lanka, is related to the development of a domestic fleet that is operating further offshore.

dix pour cent plus élevées que les prises des pêcheries artisanales tout au long de la décennie. Les thons océaniques ont été la plupart du temps prises par les pays non riverains, alors que les pays riverains prenaient presque tous les thons néritiques. Il est important de signaler que parallèlement à la croissance rapide du total des captures des flottilles NCA, on assiste à un déclin d'à peu près même envergure des prises dans les pays qui pêchent traditionnellement à la senne. L'augmentation des prises des palangriers indonésiens ces dernières années, mérite également réflexion, avec un total des prises qui s'élève à plus de 60 % de la prise totale estimée pour ce pays dans l'océan Indien. Une forte croissance des prises des filets maillants en Iran a été également notée en 1999, avec des prises importantes d'albacores et de thons mignons.

Les prises des thazards restent presque exclusivement le fait des pêcheries artisanales des pays côtiers, en particulier ceux qui possèdent de vastes plateaux continentaux. On observe notamment que les captures de ces espèces ont augmenté sensiblement en Inde. Il est vraisemblable que les prises de thazard bâtard aient été sous-déclarées par les palangriers et les senneurs, qui ont pour habitude de les rejeter à la mer.

Le Sri Lanka et Taiwan, Chine dominent les captures de poissons porte épée, les autres pays ne faisant état que de prises marginales. La production du Sri Lanka et des flottilles de la catégorie NCA augmentent rapidement, cette tendance étant moins spectaculaire pour l'Indonésie et la France (Réunion). Toutefois, les prises sri lankaises sont constituées essentiellement d'espadons voiliers et de makaires, tandis que les captures des autres pays cités Taiwan, Chine et Indonésie sont pour la plupart des espadons.

La tendance dans les débarquements industriels des poissons porte épée, principalement de la part des flottes asiatiques pourrait s'expliquer par des sous-déclarations. Actuellement, la mauvaise situation des pêcheries dans l'océan Atlantique, a entraîné l'augmentation du prix sur les marchés de ces espèces et par-là a probablement réduit le niveau des rejets. L'augmentation des débarquements des poissons porte-épée par les pêcheries artisanales, principalement par le Sri Lanka, va de paire avec le développement d'une flotte domestique qui est mieux équipée pour faire des campagnes plus loin en mer.

**7. Statistical Tables/
*Tableaux Statistiques***

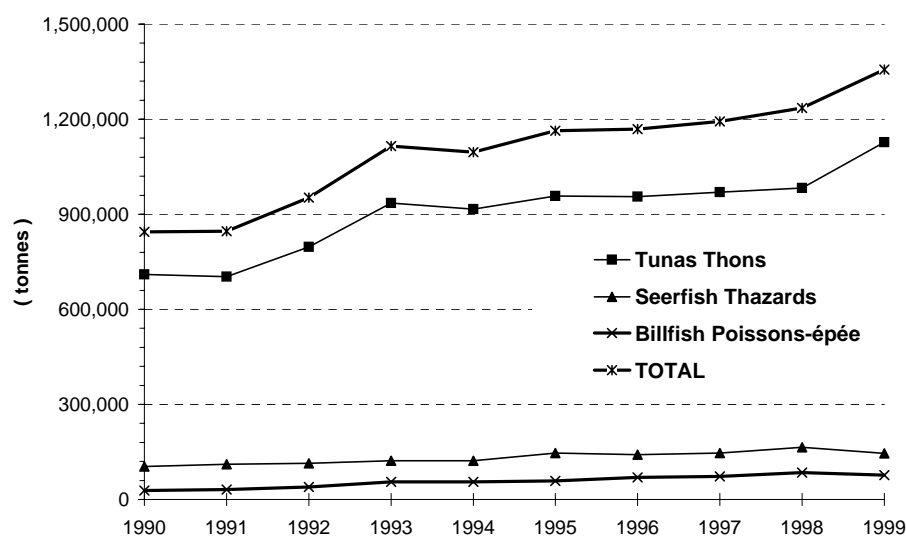
7.1.1 NOMINAL CATCH BY SPECIES - CAPTURES NOMINALES PAR ESPECE

INDIAN OCEAN (East and West Combined)
OCEAN INDIEN (Est et Ouest Confondues)

UNIT : tonnes
UNITE : tonnes

SPECIES ESPECES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
YFT	234,180	223,938	298,958	377,143	302,266	308,822	312,458	293,185	274,857	317,529
BET	64,899	66,078	61,154	89,084	93,853	114,842	133,265	143,026	144,077	154,495
SKJ	227,480	242,542	268,161	284,213	319,749	309,678	283,994	298,562	313,163	403,181
ALB	29,380	26,408	18,534	16,430	20,536	20,107	29,367	31,357	44,033	45,537
SBF	10,777	7,501	6,896	6,995	8,027	9,247	15,425	17,101	16,223	18,840
LOT	36,304	40,275	33,233	52,245	68,656	71,644	63,056	64,073	61,576	61,757
FRI	7,635	10,675	8,041	12,796	10,064	12,775	11,938	9,138	11,786	24,070
BLT	309	755	618	471	636	884	1,191	1,456	1,816	1,859
FRZ	8,888	9,033	11,343	6,779	15,056	12,738	18,486	16,440	13,663	5,732
KAW	53,708	40,623	49,082	48,769	45,333	63,790	57,950	67,261	64,396	67,493
TUN	36,705	35,374	41,152	40,806	32,102	32,718	28,852	28,518	37,268	26,664
Tunas Thons	710,264	703,202	797,172	935,729	916,277	957,244	955,981	970,116	982,857	1,127,156
COM	70,220	66,767	77,991	78,422	83,396	98,359	96,192	98,350	110,680	99,466
GUT	20,781	26,862	21,365	31,680	23,122	32,859	30,692	29,588	37,191	31,250
STS	27	50	1,030	81	46	87	96	901	107	78
WAH	177	755	175	518	353	230	257	275	311	607
SEER	12,473	16,179	13,745	11,207	15,242	15,249	14,450	17,576	16,354	14,216
Seerfish Thazards	103,678	110,613	114,306	121,908	122,159	146,784	141,687	146,690	164,643	145,617
SWO	5,479	6,315	11,859	22,470	19,265	25,611	29,901	30,208	38,671	34,717
BLZ	5,390	6,374	7,098	6,045	9,182	3,384	5,142	7,141	8,597	8,221
BLM	1,369	1,140	2,055	3,046	671	875	1,052	1,105	1,303	1,293
MLS	1,134	2,108	2,019	5,074	3,254	4,175	4,237	3,172	3,969	3,329
SFA	2,984	4,308	3,708	4,453	7,588	9,184	10,209	10,643	11,676	11,890
SSP				24	16	16	12	16	18	85
BILL	12,286	10,645	12,592	14,617	15,458	15,343	19,175	20,469	20,264	17,107
Billfish Poissons-épée	28,641	30,892	39,331	55,706	55,443	58,587	69,728	72,753	84,499	76,642
TUX	2,081	1,923	1,361	1,643	1,822	1,093	1,771	3,086	3,547	6,704
TOTAL	844,664	846,629	952,171	1,114,986	1,095,702	1,163,708	1,169,167	1,192,645	1,235,547	1,356,120

Catch by Species
Captures par espèce

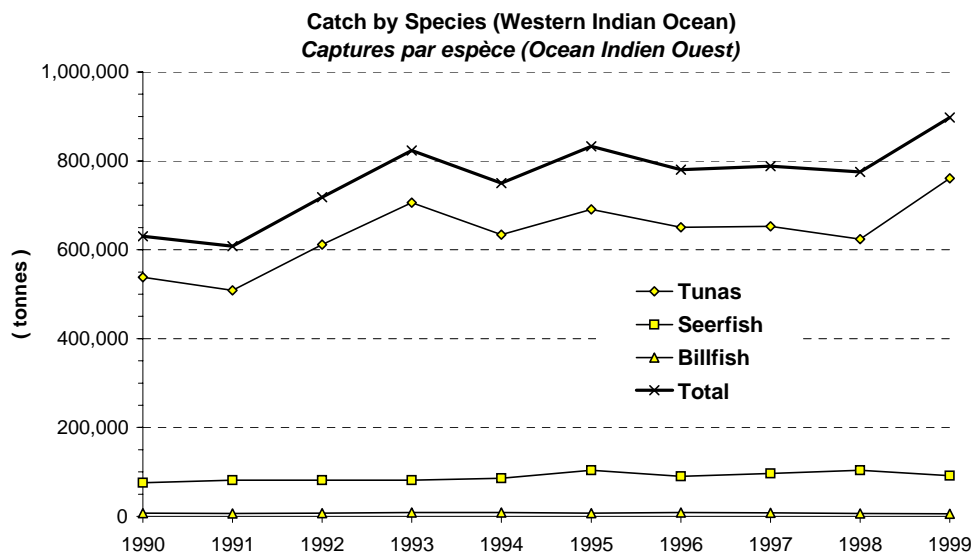


7.1.2 NOMINAL CATCH BY SPECIES - CAPTURES NOMINALES PAR ESPECE

WESTERN INDIAN OCEAN
OCEAN INDIEN OUEST

UNIT : tonnes
UNITE : tonnes

SPECIES ESPECES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
YFT	184,572	174,688	242,884	311,148	216,947	246,458	242,267	219,455	187,516	226,983
BET	42,794	46,495	40,410	57,467	51,194	64,929	66,961	82,358	80,453	87,737
SKJ	187,003	197,707	226,420	238,008	261,426	255,495	225,222	227,315	226,314	308,760
ALB	19,912	13,636	7,933	11,987	12,505	10,444	17,278	17,881	27,249	29,149
SBF	801	541	1,390	877	1,401	2,478	3,541	4,783	3,778	3,477
LOT	33,729	32,967	28,417	29,353	34,827	51,650	38,127	40,854	38,899	41,933
FRI	4,557	3,367	4,273	6,486	5,174	5,416	7,795	4,073	5,469	16,582
BLT										1,371
FRZ	7,076	5,931	8,241	4,424	12,686	10,380	10,937	9,268	6,717	703
KAW	42,381	26,034	33,310	26,519	26,552	31,892	30,173	38,733	32,645	38,271
TUN	15,474	7,424	18,561	19,606	11,085	11,626	7,980	7,696	15,211	5,818
Tunas Thons	538,298	508,789	611,839	705,875	633,797	690,768	650,281	652,416	624,251	760,784
COM	59,557	55,449	64,446	62,526	68,340	81,633	73,196	76,207	80,600	72,497
GUT	11,223	16,643	12,640	15,925	13,077	17,510	12,350	12,654	18,314	14,191
STS	2	39	14	74	31	59	59	558	67	49
WAH	16	555	39	82	82	97	109	94	92	89
SEER	5,007	8,471	3,951	3,090	3,933	4,106	4,604	6,807	4,687	4,808
Seerfish Thazards	75,805	81,157	81,090	81,697	85,463	103,405	90,318	96,320	103,760	91,634
SWO	3,659	4,560	9,536	15,889	13,256	19,152	20,011	19,232	26,679	23,469
BLZ	1,186	1,396	2,535	2,872	1,701	2,071	2,558	3,765	5,140	3,935
BLM	283	302	1,014	273	443	598	432	395	616	394
MLS	853	1,672	1,542	4,239	2,621	3,336	2,692	1,831	2,082	1,719
SFA	1,439	2,502	2,323	2,474	2,751	5,601	4,364	3,434	2,979	4,172
SSP					21	2	8	8	16	64
BILL	7,349	6,290	7,208	8,517	8,567	7,182	8,465	7,922	6,523	5,594
Billfish Poissons-épée	14,769	16,722	24,158	34,264	29,360	37,942	38,530	36,587	44,035	39,346
TUX	1,817	1,727	1,110	1,404	1,567	974	1,433	2,755	2,967	5,955
TOTAL	630,689	608,395	718,197	823,240	750,187	833,089	780,562	788,078	775,013	897,719

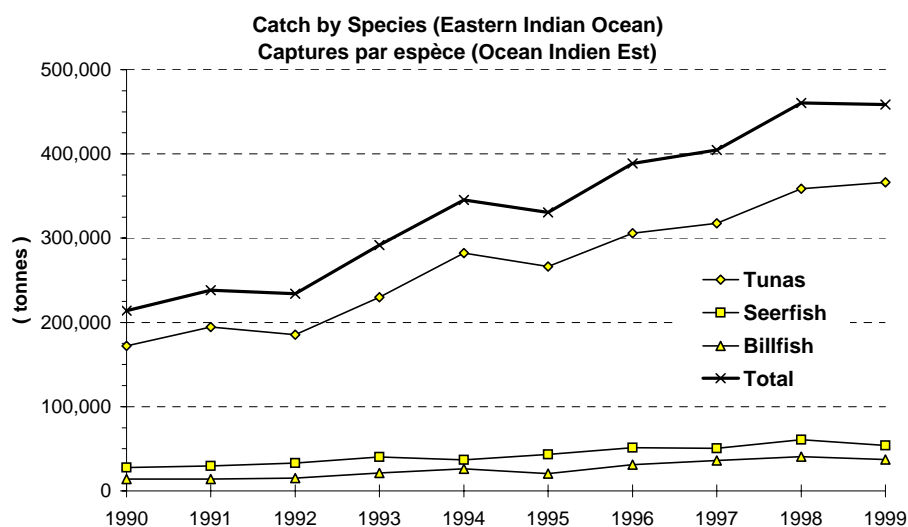


7.1.3 NOMINAL CATCH BY SPECIES - CAPTURES NOMINALES PAR ESPECE

EASTERN INDIAN OCEAN
OCEAN INDIEN EST

UNIT : tonnes
UNITE : tonnes

SPECIES ESPECES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
YFT	49,608	49,251	56,074	65,995	85,319	62,364	70,191	73,730	87,341	90,546
BET	22,105	19,583	20,744	31,617	42,659	49,913	66,304	60,668	63,624	66,758
SKJ	40,477	44,835	41,741	46,205	58,323	54,183	58,772	71,247	86,849	94,421
ALB	9,468	12,772	10,601	4,443	8,031	9,663	12,089	13,476	16,783	16,389
SBF	9,976	6,960	5,506	6,118	6,626	6,769	11,884	12,318	12,445	15,363
LOT	2,575	7,308	4,816	22,892	33,829	19,994	24,929	23,219	22,677	19,824
FRI	3,078	7,308	3,768	6,310	4,890	7,359	4,143	5,065	6,317	7,488
BLT	309	755	618	471	636	884	1,191	1,456	1,816	488
FRZ	1,812	3,102	3,102	2,355	2,370	2,358	7,549	7,172	6,946	5,029
KAW	11,327	14,589	15,772	22,250	18,781	31,898	27,777	28,528	31,751	29,222
TUN	21,231	27,950	22,591	21,200	21,017	21,092	20,872	20,822	22,057	20,846
Tunas Thons	171,966	194,412	185,333	229,855	282,480	266,476	305,700	317,700	358,606	366,373
COM	10,663	11,318	13,545	15,896	15,056	16,726	22,996	22,143	30,080	26,969
GUT	9,558	10,219	8,725	15,755	10,045	15,349	18,342	16,934	18,877	17,059
STS	25	11	1,016	7	15	28	37	343	40	29
WAH	161	200	136	436	271	133	148	181	220	518
SEER	7,466	7,708	9,794	8,117	11,309	11,143	9,846	10,769	11,667	9,408
Seerfish Thazards	27,873	29,456	33,216	40,211	36,696	43,379	51,369	50,370	60,884	53,983
SWO	1,820	1,755	2,323	6,581	6,009	6,459	9,890	10,976	11,992	11,248
BLZ	4,204	4,978	4,563	3,173	7,481	1,313	2,584	3,376	3,457	4,286
BLM	1,086	838	1,041	2,773	228	277	620	710	687	899
MLS	281	436	477	835	633	839	1,545	1,341	1,887	1,610
SFA	1,545	1,806	1,385	1,979	4,837	3,583	5,845	7,209	8,697	7,719
SSP					3	14	4	8	2	21
BILL	4,937	4,355	5,384	6,100	6,891	8,161	10,710	12,547	13,741	11,513
Billfish Poissons-épée	13,872	14,170	15,173	21,442	26,083	20,645	31,198	36,166	40,464	37,296
TUX	264	196	251	239	255	119	338	331	580	749
TOTAL	213,975	238,234	233,974	291,746	345,515	330,619	388,605	404,567	460,534	458,401

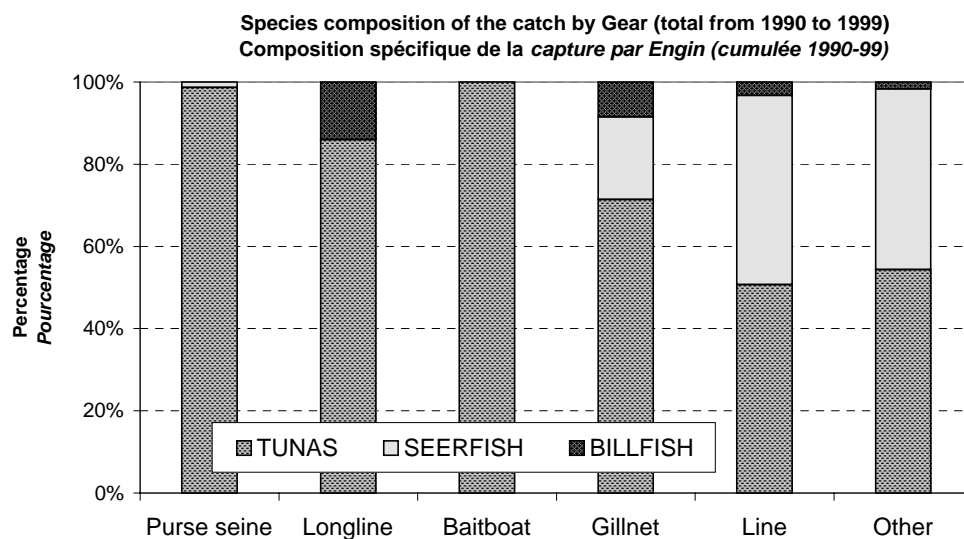
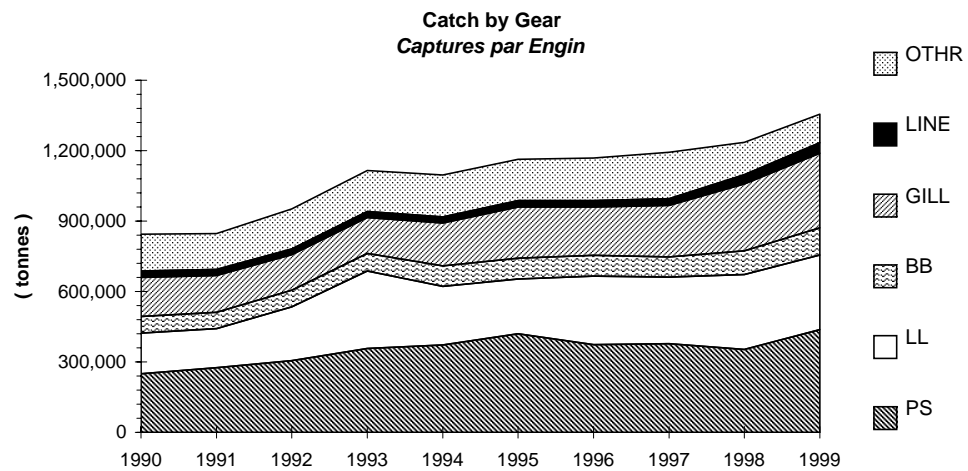


7.2.1 NOMINAL CATCH BY GEAR - CAPTURES NOMINALES PAR ENGIN

INDIAN OCEAN (West and East Combined)
OCEAN INDIEN (Ouest et Est Confondues)

UNIT : tonnes
UNITE : tonnes

GEAR ENGIN	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
PS	249,385	274,857	305,834	357,812	371,694	420,588	373,148	378,098	353,048	438,125
LL	173,743	167,051	229,236	329,462	250,141	232,600	292,300	283,484	319,158	317,382
BB	70,280	69,234	70,826	74,533	87,151	88,820	88,655	85,474	100,599	115,226
GILL	166,658	156,728	151,188	153,000	182,637	217,945	205,686	219,186	285,526	318,519
LINE	27,266	25,939	23,645	26,248	26,258	26,877	27,311	28,536	38,719	44,721
OTHR	157,332	152,821	171,442	173,931	177,820	176,877	182,067	197,866	138,496	122,147
TOTAL	844,664	846,629	952,171	1,114,986	1,095,702	1,163,708	1,169,167	1,192,645	1,235,547	1,356,120



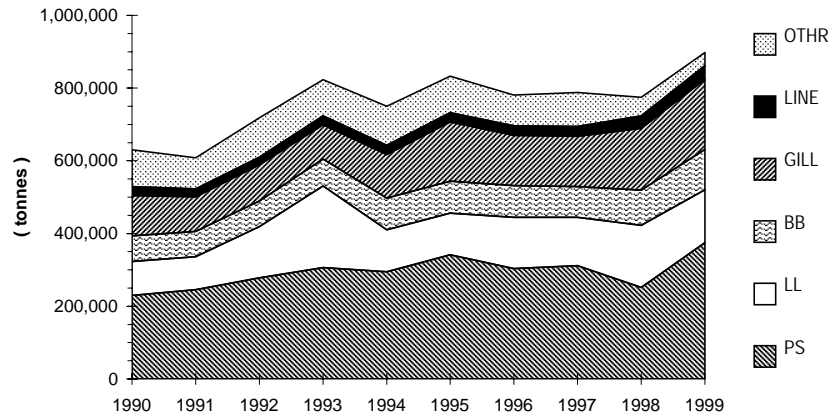
7.2.2 NOMINAL CATCH BY GEAR - CAPTURES NOMINALES PAR ENGIN

WESTERN INDIAN OCEAN
OCEAN INDIEN OUEST

UNIT : tonnes
UNITE : tonnes

GEAR ENGIN	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
PS	229,386	245,266	278,259	306,126	294,801	341,890	303,723	311,377	252,143	375,325
LL	93,969	91,418	140,814	224,633	115,518	114,305	141,059	133,291	169,982	145,229
BB	69,910	68,925	70,390	74,388	87,079	87,520	86,973	84,576	97,439	110,212
GILL	111,309	94,882	99,016	93,683	119,655	162,836	138,497	137,979	169,263	192,747
LINE	24,464	22,306	21,653	24,361	25,377	26,099	26,384	27,351	35,063	38,318
OTHR	101,651	85,599	108,065	100,049	107,757	100,439	83,926	93,504	51,123	35,888
TOTAL	630,689	608,395	718,197	823,240	750,187	833,089	780,562	788,078	775,013	897,719

Catch by Gear (Western Indian Ocean)
Captures par Engin (Ocean Indien Ouest)

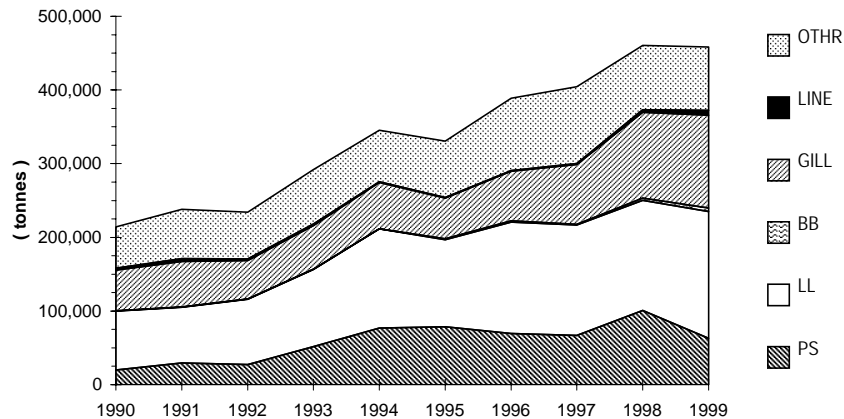


EASTERN INDIAN OCEAN
OCEAN INDIEN EST

UNIT : tonnes
UNITE : tonnes

GEAR ENGIN	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
PS	19,999	29,591	27,575	51,686	76,893	78,698	69,425	66,721	100,905	62,800
LL	79,774	75,633	88,422	104,829	134,623	118,295	151,241	150,193	149,176	172,153
BB	370	309	436	145	72	1,300	1,682	898	3,160	5,014
GILL	55,349	61,846	52,172	59,317	62,982	55,109	67,189	81,207	116,263	125,772
LINE	2,802	3,633	1,992	1,887	881	778	927	1,185	3,656	6,403
OTHR	55,681	67,222	63,377	73,882	70,063	76,438	98,141	104,362	87,373	86,260
TOTAL	213,975	238,234	233,974	291,746	345,515	330,619	388,605	404,567	460,534	458,401

Catch by Gear (Eastern Indian Ocean)
Captures par Engin (Ocean Indien Est)



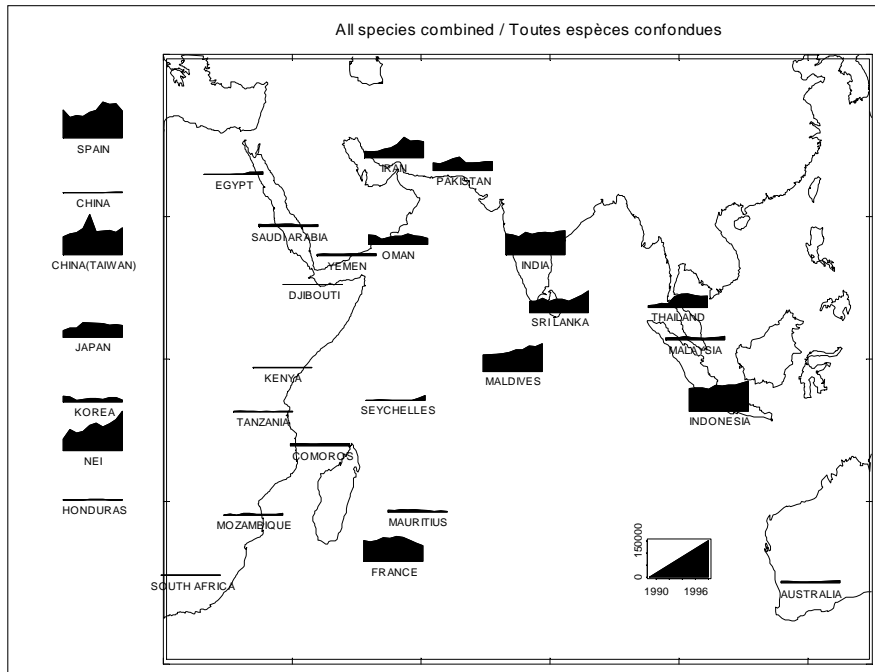
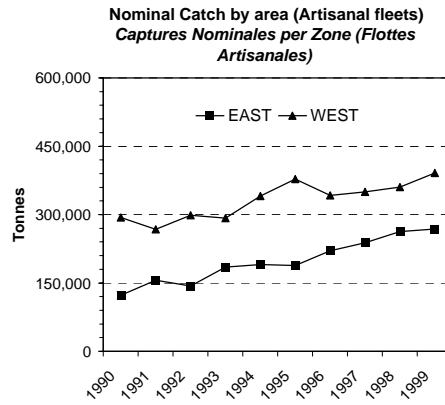
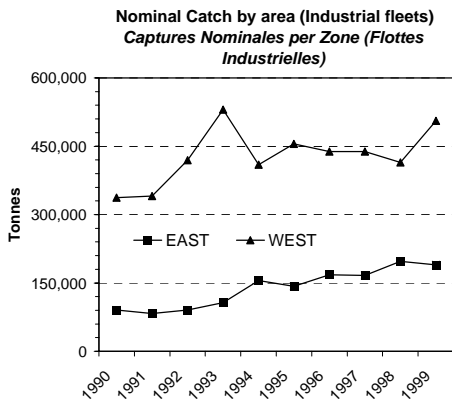
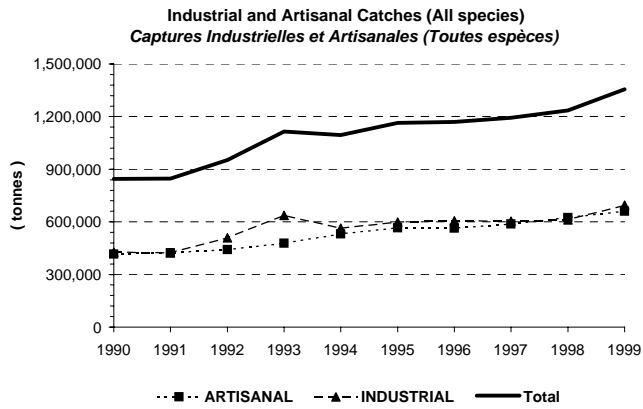
7.3.1 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)

ALL SPECIES COMBINED
TOUTES LES ESPECES

COUNTRY	AREA	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	ZONE	PAYS
AUSTRALIA	EAST	6,009	5,106	3,229	3,618	5,461	4,469	5,724	7,075	8,067	13,248	EST	AUSTRALIE
BAHRAIN	WEST	92	131	114	77	69	109	198	47	85	44	OUEST	BAHREIN
BANGLADESH	EAST	60	40	30	40	50	40	50	50	60	60	EST	BANGLADESH
CHINA	EAST						444	1,497	2,964	3,080	5,681	EST	CHINE
CHINA	WEST										294	OUEST	CHINE
TAIWAN,CHINA	EAST	18,755	21,731	20,265	18,747	27,491	21,548	24,393	19,637	26,838	24,894	EST	TAIWAN,CHINE
TAIWAN,CHINA	WEST	67,368	70,061	87,735	146,897	67,360	75,066	75,084	72,558	83,241	74,254	OUEST	TAIWAN,CHINE
TAIWAN,CHINA,NEI	EAST	17,744	18,177	21,927	25,292	23,006	42,603	41,717	36,170	36,262	28,148	EST	TAIWAN,CHINE-NCA
COMOROS	WEST	9,284	9,384	7,787	9,176	9,176	9,030	8,680	8,680	8,380	8,380	OUEST	COMORES
DJIBOUTI	WEST	77	59	64	70	75	82	80	75	75	75	OUEST	DJIBOUTI
EAST TIMOR	EAST										2	EST	TIMOR ORIENTAL
EGYPT	WEST	86	86	191	191	1,242	1,297	8,880	8,503	9,933	7,768	OUEST	EGYPTE
ERITREA	WEST						50	225	257	343	314	OUEST	ERYTHREE
FRANCE	EAST	79,240	84,196	96,165	94,056	101,517	97,549	88,513	71,827	52,176	83,818	EST	FRANCE
FRANCE	WEST						333	553	601	1,640	1,111	OUEST	FRANCE
HONDURAS,INDIA	EAST				1,558	2,413	2,178					EST	HONDURAS-INDE
HONDURAS,INDIA	WEST	402	409	547	2,276	620	1,073					OUEST	HONDURAS-INDE
INDIA	EAST	8,151	9,863	13,684	12,809	10,957	11,964	25,593	27,784	30,596	26,781	EST	INDE
INDIA	WEST	73,878	64,515	78,513	72,331	79,794	81,062	61,391	67,235	66,391	65,582	OUEST	INDE
INDONESIA	EAST	58,975	68,844	68,998	84,728	90,217	97,769	138,668	156,926	138,763	165,566	EST	INDONESIE
IRANI R	EAST								6	449		EST	IRAN, REP. ISLAMIQUE D'
IRANI R	WEST	24,411	26,448	35,352	40,338	54,997	83,949	67,424	66,966	66,073	90,240	OUEST	IRAN, REP. ISLAMIQUE D'
ISRAEL	WEST											OUEST	ISRAEL
JAPAN	EAST	11,813	6,369	4,413	10,433	30,660	38,199	26,623	20,715	19,585	23,144	EST	JAPON
JAPAN	WEST	25,750	31,014	95,372	48,127	26,717	17,721	23,771	31,370	30,011	21,532	OUEST	JAPON
JORDANIA	WEST									70	96	OUEST	JORDANIE
KENYA	WEST	1,423	1,771	1,705	1,726	1,726	1,726	1,726	1,726	1,726	1,726	OUEST	KENYA
KOREA REP	EAST	1,901	343	124	862	76	193	734	329	239	164	EST	COREE, REPUBLIQUE DE
KOREA REP	WEST	18,434	5,853	10,419	13,576	14,837	10,718	18,038	17,771	8,171	3,668	OUEST	COREE, REPUBLIQUE DE
KUWAIT	WEST	131	4	125	162	119	224	257	279	290	338	OUEST	KOWEIT
MADAGASCAR	WEST	10,000	8,000	8,000	10,000	10,000	10,000	10,000	10,000	12,000	12,000	OUEST	MADAGASCAR
MALAYSIA	EAST	8,881	9,646	13,847	9,848	7,314	6,773	9,509	10,079	14,246	11,913	EST	MALAISIE
MALDIVES	WEST	72,241	70,867	73,114	77,875	89,211	89,508	89,216	86,622	100,424	112,250	OUEST	MALDIVES
MALDIVES	WEST	6,849	11,032	9,614	10,643	8,123	6,530	3,144	5,541	3,742	4,440	OUEST	MALURICE
MOZAMBIQUE	WEST	5,367	119	7,338	7,000	3,914	3,689	2,819	4,126	8,179	3,082	OUEST	MOZAMBIQUE
OMAN	WEST	32,863	18,312	24,940	23,510	31,382	36,165	26,256	25,904	22,070	18,488	OUEST	OMAN
PAKISTAN	WEST	27,612	36,444	48,621	55,084	31,241	30,932	31,823	32,061	32,260	40,493	OUEST	PAKISTAN
PHILIPPINES	EAST									3,106	3,071	EST	PHILIPPINES
PHILIPPINES	WEST									109	131	OUEST	PHILIPPINES
PORTUGAL	WEST									110	239	OUEST	PORTUGAL
QATAR	WEST	562	716	766	636	406	255	307	411	552	496	OUEST	QATAR
SAUDI ARABIA	WEST	8,934	9,285	10,215	11,087	11,774	7,387	6,357	6,892	8,310	7,525	OUEST	ARABIE SAOUDITE
SEYCHELLES	EAST	232	2,546	1,170	173	201	176	468	8,165	16,921	29,364	OUEST	SEYCHELLES
SEYCHELLES	WEST	164	93	76	130	26	45	13	14	1,014	1,014	OUEST	SEYCHELLES
SOUTH AFRICA	WEST	6,782	8,927									OUEST	AFRIQUE DU SUD
SOVIET UNION	WEST											OUEST	UNION SOVIETIQUE
SPAIN	EAST	96,573	92,893	89,623	105,651	113,325	147,533	138,929	141,174	96,832	144,117	OUEST	ESPAGNE
SPAIN	WEST	45,055	58,575	45,640	53,947	53,880	46,641	58,408	71,399	89,053	103,699	EST	ESPAGNE
SRI LANKA	EAST	3,785	2,492	2,600	1,663	2,306	1,930	2,179	2,300	2,280	2,280	OUEST	SRI LANKA
TANZANIA	WEST	9,850	17,105	15,820	44,221	55,681	56,719	49,244	45,083	47,288	41,518	OUEST	TANZANIE
THAILAND	EAST	14,523	13,934	14,384	13,444	16,162	16,764	17,257	16,629	17,062	17,641	OUEST	THAILANDE
UN ARAB EMIRATES	WEST	7,431	7,087	7,068	7,000	8,407	8,112	8,299	8,670	8,450	8,450	OUEST	EMIRATS ARABES UNIES
YEMEN AR RP	WEST											OUEST	YEMEN
YEMEN AR RP	EAST										32	EST	YEMEN
NE-LEU	WEST	24,427	24,583	20,072	34,802	47,112	45,255	38,724	52,321	51,135	66,874	OUEST	NCAUE
NE-RUSSIA	WEST	1,541	15,753	18,430	14,372							OUEST	NCA-RUSSIE
NE-URSS	WEST	26,781	22,635	25,997	25,643	38,309	1,068	6,985	2,646	8,908	8,377	OUEST	NCA-URSS
NOT ELSEW. IN. (NEI)	WEST	10,227	7,134	10,698	18,498	3,976	48,697	52,645	39,363	64,738	69,578	OUEST	NON COMPRIS AILLEURS
NOT ELSEW. IN. (NEI)	WEST	213,975	238,234	233,974	291,746	345,515	330,619	388,605	404,567	460,534	458,401	EST	NON COMPRIS AILLEURS
NOT ELSEW. IN. (NEI)	WEST	630,689	608,395	718,197	823,240	750,187	833,089	780,562	788,078	775,013	897,719	OUEST	NON COMPRIS AILLEURS
TOTAL	WEST	844,664	846,629	952,171	1,114,986	1,095,702	1,163,708	1,169,167	1,192,645	1,235,547	1,356,120	OUEST	TOTAL

UNT : tonnes
UNITE : tonnes

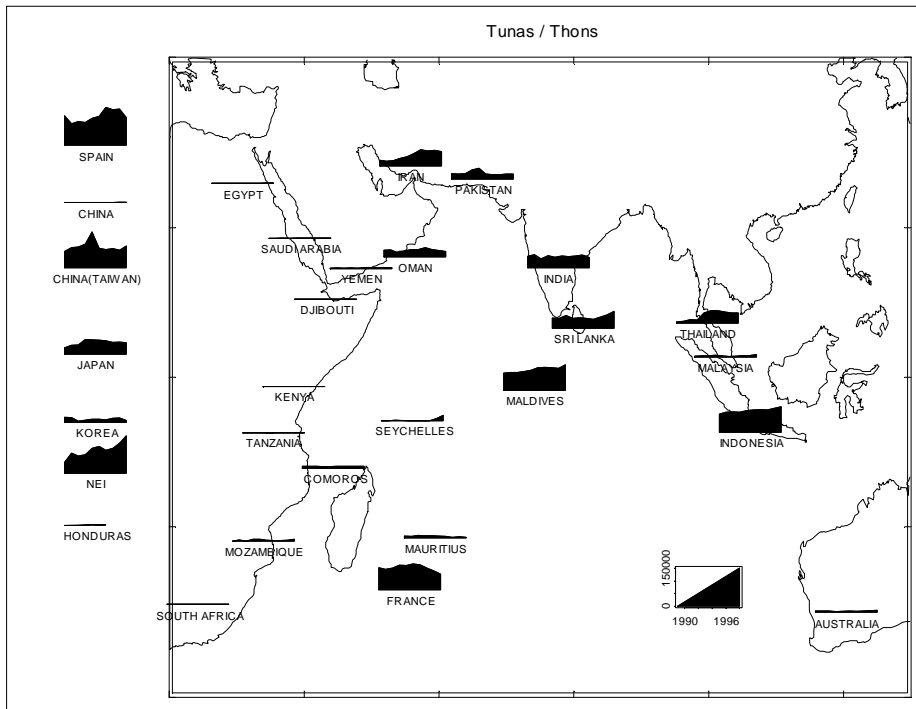
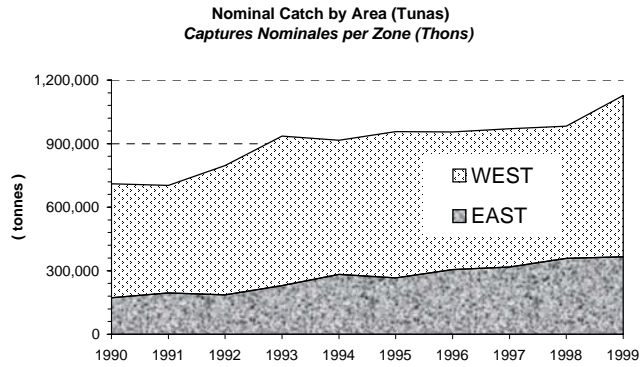
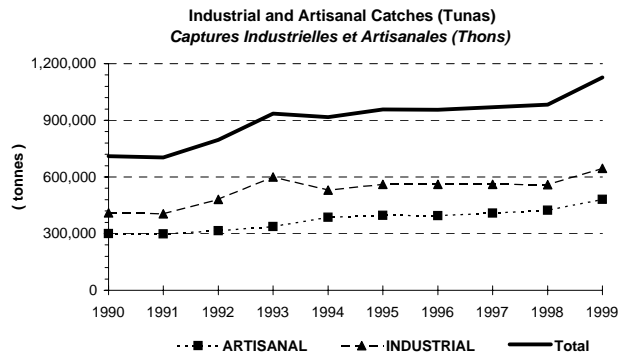
7.3.1 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)



7.3.2 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)

TUNAS THONS		UNIT : tonnes UNITE : tonnes														
COUNTRY	AREA	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	ZONE	PAYS			
AUSTRALIA	EAST	5,667	4,563	2,755	2,869	4,665	3,863	5,096	6,210	7,074	11,480	EST	AUSTRALIE			
CHINA	EAST						277	960	2,402	2,567	4,420	EST	CHINE			
CHINA	WEST	17,460	20,213	17,899	15,957	24,245	18,041	18,590	13,173	19,658	286	OUEST	CHINE			
TAIWAN, CHINA	EAST	62,128	61,988	74,770	124,845	52,820	53,412	57,522	55,430	66,420	18,759	EST	TAIWAN, CHINE			
TAIWAN, CHINA	WEST	17,002	17,417	21,070	24,234	22,190	40,662	39,078	33,273	33,442	25,959	OUEST	TAIWAN, CHINE			
TAIWAN, CHINA-MEI	EAST	7,928	8,028	7,250	7,230	8,519	8,380	8,060	8,060	8,060	7,830	OUEST	COMORES			
COMOROS	WEST										15	OUEST	DJIBOUTI			
DJIBOUTI	EAST	20	11	12	13	14	15	15	14	15	2	EST	TIMOR ORIENTAL			
EAST TIMOR	WEST										326	OUEST	EGYPTE			
EGYPT	WEST															
ERITREA	WEST							29	56	133	64	OUEST	ERYTHREE			
FRANCE	EAST							80	1,947	10,851	1,652	EST	FRANCE			
FRANCE	WEST	79,240	84,187	96,056	93,636	100,636	96,619	83,965	70,053	49,881	81,699	OUEST	FRANCE			
FRANCE	WEST						122	202	220	529	469	OUEST	FRANCE			
HONDURAS, INDIA	EAST				877	1,286	1,300					OUEST	HONDURAS, INDIE			
HONDURAS, INDIA	WEST	322	320	369	2,098	449	641					OUEST	HONDURAS, INDIE			
INDIA	EAST	1,102	1,326	1,300	1,610	1,569	1,769	8,803	9,884	7,829	10,164	EST	INDE			
INDIA	WEST	50,684	34,649	46,038	39,667	45,229	42,899	35,534	39,679	30,867	39,634	OUEST	INDE			
INDONESIA	EAST	46,047	55,480	56,881	63,229	73,585	74,524	108,751	128,004	108,317	132,194	EST	INDONESIE			
IRAN, IR	EAST	18,778	20,078	29,636	35,093	48,962	63,845	57,206	56,607	56,325	78,959	OUEST	IRAN, REP. ISLAMIQUE D'			
JAPAN	EAST	11,045	6,190	4,154	9,945	30,122	37,138	24,551	19,424	18,810	21,849	EST	JAPON			
JAPAN	WEST	24,859	30,303	53,576	47,274	25,009	16,303	21,804	28,491	27,194	19,888	OUEST	JAPON			
JORDANIA	WEST									70	96	OUEST	JORDANIE			
KENYA	WEST	278	277	281	286	286	286	286	286	286	286	OUEST	KENYA			
KOREA, REP	EAST	1,566	291	75	817	74	166	711	298	228	162	EST	COREE, REPUBLIQUE DE			
KOREA, REP	WEST	16,594	5,059	9,107	11,810	12,482	9,330	15,535	16,439	7,632	3,998	OUEST	COREE, REPUBLIQUE DE			
MALAYSIA	EAST	4,626	5,041	8,185	5,454	2,936	3,727	6,179	6,422	9,389	8,440	EST	MALAISIE			
MALDIVES	WEST	72,241	70,867	73,114	77,875	89,211	89,508	89,216	86,622	100,424	112,250	OUEST	MALDIVES			
MAURITIUS	WEST	6,621	10,860	9,950	10,449	3,886	6,328	2,951	8,892	3,442	4,659	OUEST	MAURICE			
MOZAMBIQUE	WEST	5,367	119	7,338	7,000	3,914	3,347	2,461	3,602	7,140	2,655	OUEST	MOZAMBIQUE			
OMAN	WEST	24,288	14,529	20,609	19,827	27,235	29,479	20,446	19,131	18,379	14,699	OUEST	OMAN			
PAKISTAN	WEST	18,647	21,559	36,803	43,676	20,297	18,720	17,901	16,303	16,127	21,763	OUEST	PAKISTAN			
PHILIPPINES	EAST									2,566	2,569	EST	PHILIPPINES			
PHILIPPINES	WEST									109	131	OUEST	PHILIPPINES			
PORTUGAL	WEST									2		OUEST	PORTUGAL			
SAUDI ARABIA	WEST						355	277	405	513	392	OUEST	ARABIE SAOUDITE			
SEYCHELLES	EAST								1,049	3,785		EST	SEYCHELLES			
SEYCHELLES	WEST	205	2,525	1,160	173	199	142	235	7,802	16,685	29,013	OUEST	SEYCHELLES			
SOUTH AFRICA	WEST	106	56	53	74	11	41		1		1	OUEST	AFRIQUE DU SUD			
SOVIET UNION	WEST	6,782	8,927									OUEST	UNION SOVIETIQUE			
SPAIN	EAST							237	379	13,380	461	EST	ESPAGNE			
SPAIN	WEST	96,573	92,893	89,623	105,403	112,493	147,514	138,088	140,639	95,345	141,974	OUEST	ESPAGNE			
SRI LANKA	EAST	37,664	50,242	38,842	41,892	39,328	35,184	43,708	53,540	66,777	85,743	EST	SRI LANKA			
TANZANIA	WEST	1,211	823	800	538	1,002	670	757	850	650	850	OUEST	TANZANIE			
THAILAND	EAST	6,883	14,297	11,809	40,723	49,208	48,939	43,362	39,458	40,538	35,811	EST	THAILANDE			
UN ARAB EMIRATES	WEST	6,990	6,771	7,004	6,051	7,928	8,681	8,771	6,789	6,810	6,980	OUEST	EMIRATS ARABES UNIES			
YEMEN, AR RP	WEST	3,948	3,364	4,017	3,370	4,614	4,565	4,278	4,470	4,360	4,560	OUEST	YEMEN			
MEHU	EAST							151	329	5,977	32	EST	MCA-JUE			
MEHU	WEST	24,427	24,583	20,072	34,802	47,112	45,255	38,724	52,321	51,135	66,874	OUEST	MCA-JUE			
NEURUSSIA	WEST			15,753	18,430	14,372						OUEST	MCA-RUSSIE			
NEURUSSIA	WEST	1,541										OUEST	MCA-JURSS			
NOT ELSEW. IN (NE)	EAST	22,904	19,392	22,323	22,248	33,272	4,885	5,411	1,952	6,969	6,686	EST	NON COMPRIS AILLEURS			
NOT ELSEW. IN (NE)	WEST	8,700	6,013	9,048	16,255	3,107	44,061	44,103	33,053	55,527	61,308	OUEST	NON COMPRIS AILLEURS			
TOTAL	EAST	171,966	194,412	185,333	229,855	282,480	266,476	305,700	317,700	358,606	366,373	EST	TOTAL			
TOTAL	WEST	538,298	508,789	611,839	705,875	633,797	690,657	650,096	652,215	624,061	760,534	EST	TOTAL			
		710,264	703,202	797,172	935,729	916,277	957,133	955,796	969,915	982,667	1,126,906	OUEST				

**7.3.2 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)**



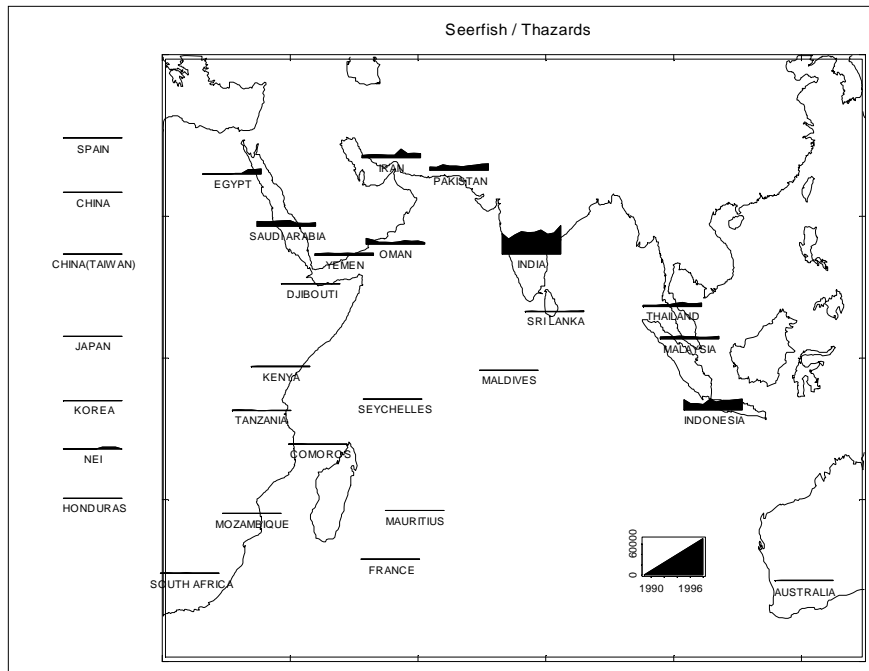
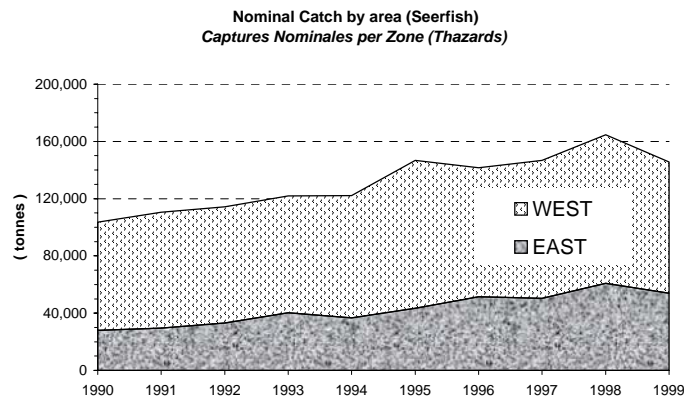
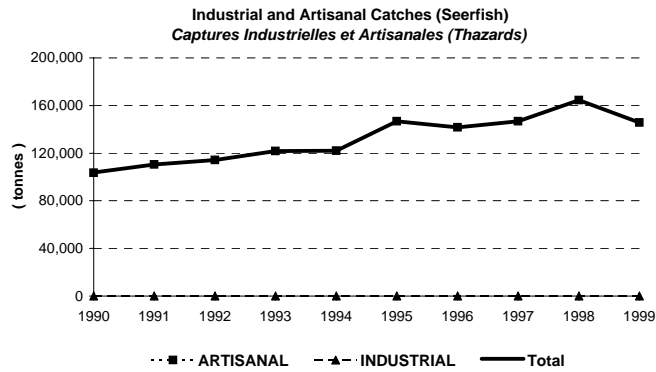
7.3.3 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)

SEERFISH THAZARDS

UNIT : tonnes
UNITE : tonnes

COUNTRY	AREA	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	ZONE	PAYS
AUSTRALIA	EAST	342	539	442	586	639	533	603	797	544	344	EST	AUSTRALIE
BAHRAIN	EAST	92	131	114	77	69	109	158	47	85	44	OUEST	BAHREIN
BANGLADESH	EAST	60	40	30	40	50	50	40	50	60	60	EST	BANGLADESH
CHINA	EAST											OUEST	CHINE
TAIWAN/CHINA	WEST	42										OUEST	TAIWAN/CHINE
COMOROS	WEST	678	678	230	230	271	271	270	260	260	250	OUEST	COMORES
DJIBOUTI	WEST	57	48	52	57	61	67	65	61	60	60	OUEST	DJIBOUTI
EGYPT	WEST	86	86	191	191	1,242	1,297	8,880	8,503	9,933	7,462	OUEST	EGYPTE
ERITREA	WEST						49	196	200	210	250	OUEST	ERYTHREE
FRANCE	WEST		1	9	67	67	67	80	66	59	57	OUEST	FRANCE
INDIA	WEST	6,959	8,487	11,944	10,607	9,084	9,949	14,711	15,572	20,904	15,272	OUEST	INDE
INDONESIA	EAST	29,141	28,990	31,234	31,191	32,877	36,755	23,899	25,300	33,967	24,812	OUEST	INDE
INDONESIA	EAST	12,270	12,545	10,917	20,456	15,470	21,695	25,858	23,519	26,327	27,615	EST	INDONESIE
IRAN/R	WEST	5,633	6,200	5,546	4,595	4,950	16,485	7,900	8,419	7,917	8,085	OUEST	IRAN, REP. ISLAMIQUE D'
ISRAEL	WEST			36								OUEST	ISRAEL
KENYA	WEST	888	1,157	1,155	1,154	1,154	1,154	1,154	1,154	1,154	1,154	OUEST	KENYA
KUWAIT	WEST	131	4	125	162	119	224	257	279	290	338	OUEST	KOUEIT
MADAGASCAR	WEST	10,000	8,000	8,000	10,000	10,000	10,000	10,000	10,000	12,000	12,000	OUEST	MADAGASCAR
MALAYSIA	EAST	4,255	4,604	5,662	4,394	4,375	3,043	3,330	3,652	4,857	3,473	EST	MALAISE
OMAN	WEST	7,836	3,567	3,616	3,143	3,846	6,129	5,230	5,922	3,143	3,390	OUEST	OMAN
PAKISTAN	WEST	5,941	10,647	8,384	8,432	7,157	8,618	10,108	12,009	12,232	11,734	OUEST	PAKISTAN
QATAR	WEST	562	716	766	686	406	255	307	411	552	496	OUEST	QATAR
SAUDI ARABIA	WEST	8,662	8,768	9,872	10,374	10,851	6,342	5,276	5,625	7,022	6,359	OUEST	ARABIE SAOUDITE
SEYCHELLES	WEST	4	8	3			10			3	4	OUEST	SEYCHELLES
SOUTH AFRICA	WEST	58	37	22	54	15	4	13	13	13	13	OUEST	AFRIQUE DU SUD
SRI LANKA	EAST	967	345	255	604	523	329	945	1,155	1,442	1,512	EST	SRI LANKA
TANZANIA	WEST	2,120	1,381	1,500	594	544	680	766	750	750	650	OUEST	TANZANIE
THAILAND	EAST	2,967	2,848	3,911	3,498	6,473	7,780	5,882	5,625	6,750	5,707	EST	THAILANDE
U.A.R.AB.EMIRATES	WEST	2,333	6,971	7,181	7,200	8,041	7,851	8,247	9,610	10,019	10,268	OUEST	EMIRATS ARABES UNIES
YEMEN/R.P.R.	WEST	3,583	3,723	3,051	3,630	3,793	3,547	4,021	4,200	4,090	4,090	OUEST	YEMEN
NOT ELSEW. IN. (NEI)	EAST	53	48	55	56	82						EST	NON COMPRIS AILLEURS
NOT ELSEW. IN. (NEI)	WEST		2	3			3,491	3,491	3,491			OUEST	NON COMPRIS AILLEURS
TOTAL	EAST	27,873	29,456	33,216	40,211	36,696	43,379	51,369	50,370	60,884	53,983	EST	TOTAL
	WEST	75,805	81,157	81,090	81,697	85,463	103,405	90,318	96,320	103,760	91,654	OUEST	
		103,678	110,613	114,306	121,908	122,159	146,784	141,687	146,690	164,643	145,637		

**7.3.3 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)**

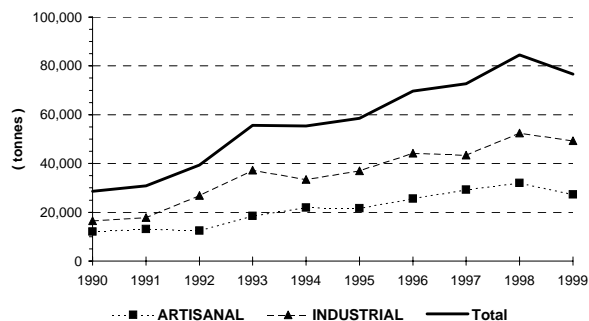


**7.3.4 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)**

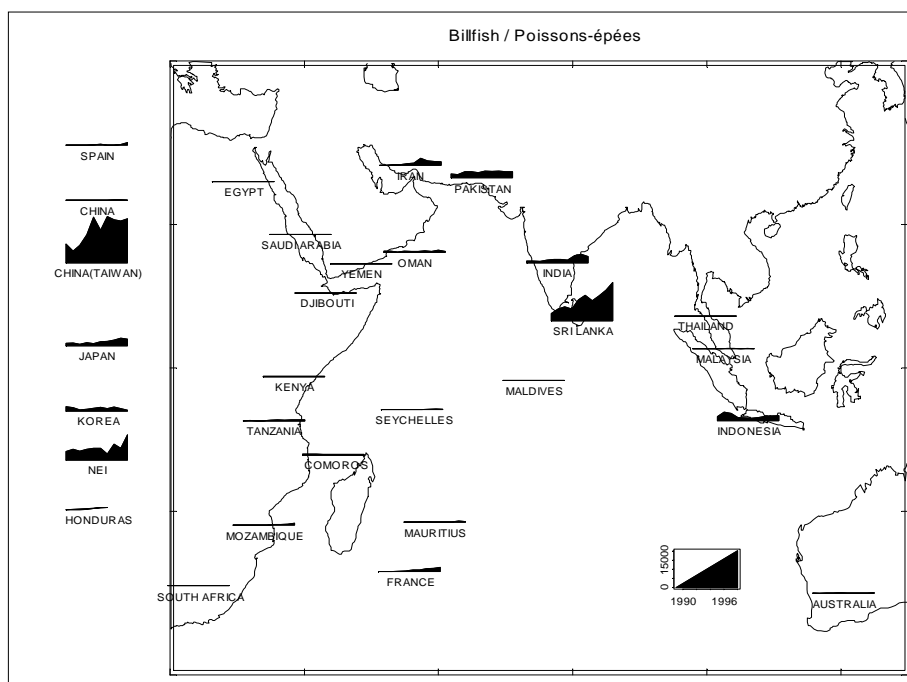
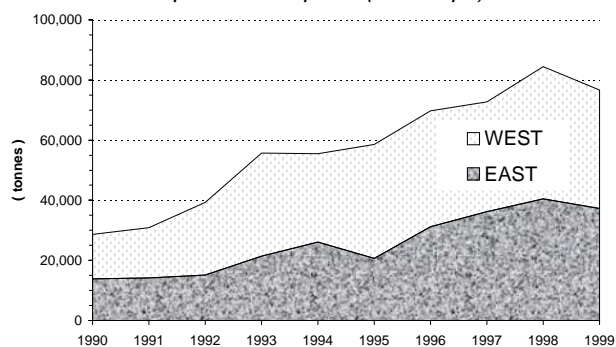
BILLFISH POISSONS-EPEE		UNIT : tonnes UNITE : tonnes													
COUNTRY	AREA	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	ZONE	PAYS		
AUSTRALIA	EAST		4	32	193	157	73	25	66	352	1,424	EST	AUSTRALIE		
CHINA	EAST								238	255	549	EST	CHINE		
	WEST										8	OUEST	CHINE		
TAIWAN, CHINA	EAST	1,295	1,518	2,366	2,790	3,246	3,507	5,803	6,464	7,180	6,135	EST	TAIWAN, CHINE		
TAIWAN, CHINA	WEST	5,240	8,031	12,965	22,052	14,540	21,654	17,562	17,128	16,821	14,159	OUEST	TAIWAN, CHINE		
TAIWAN, CHINA (NEI)	EAST	742	760	917	1,058	816	1,941	2,499	2,897	2,820	2,189	EST	TAIWAN, CHINE (NEI)		
COMOROS	WEST	678	678	327	327	386	386	380	360	360	300	OUEST	ERYTHREE		
ERITREA	WEST								1			OUEST	ERYTHREE		
FRANCE	WEST		8	100	353	814	863	1,468	1,708	2,236	2,062	OUEST	FRANCE		
FRANCE	WEST									663	324	OUEST	FRANCE		
HONDURAS-INDIA	EAST				681	1,127	878					EST	HONDURAS-INDIE		
HONDURAS-INDIA	WEST	64	87	166	163	171	432	2,078	2,376	1,863	1,345	EST	HONDURAS-INDIE		
INDIA	EAST	33	22	366	585	300	242					EST	INDE		
INDIA	WEST	1,005	788	1,162	1,274	1,577	1,301	1,937	2,196	1,557	1,136	OUEST	INDE		
INDONESIA	EAST	658	819	1,199	1,044	1,161	1,550	4,059	5,403	4,120	5,757	EST	INDONESIE		
IRAN, IR	WEST		170	170	740	1,085	3,619	2,318	1,940	1,831	3,196	OUEST	IRAN, REP. ISLAMIQUE D'		
JAPAN	EAST	768	179	259	478	538	1,054	1,062	1,274	773	1,284	EST	JAPON		
JAPAN	WEST	891	675	1,448	799	1,703	1,424	1,973	2,879	2,817	1,644	OUEST	JAPON		
KENYA	WEST	212	292	224	241	241	241	241	241	241	241	OUEST	KENYA		
KOREA REP	EAST	298	45	49	1		27	9	31	11	2	EST	COREE, REPUBLIQUE DE		
KOREA REP	WEST	1,576	663	1,097	1,570	2,025	1,388	2,191	1,325	538	87	OUEST	COREE, REPUBLIQUE DE		
MALAYSIA	EAST		1			3	3		5			EST	MALASIE		
MAURITIUS	WEST	228	172	264	194	227	196	190	639	295	295	OUEST	MAURICE		
MOZAMBIQUE	WEST						312	358	524	1,039	447	OUEST	MOZAMBIQUE		
OMAN	WEST	739	216	715	540	301	357	580	851	548	399	OUEST	OMAN		
OMAN	WEST	1,932	3,357	3,398	2,976	3,787	3,594	3,814	2,239	2,309	2,388	OUEST	OMAN		
PHILIPPINES	EAST									462	493	EST	PHILIPPINES		
PORTUGAL	WEST									106	239	OUEST	PORTUGAL		
SOUTH AFRICA	WEST									2	2	OUEST	AFRIQUE SUD		
SEYCHELLES	WEST		13	7		2	24	222	357	226	320	OUEST	SEYCHELLES		
SOUTH AFRICA	WEST									1,000	1,000	OUEST	AFRIQUE DU SUD		
SPAIN	WEST			1	2					1,000	1,000	OUEST	ESPAGNE		
SRI LANKA	EAST	6,424	7,783	6,543	11,437	14,027	11,126	13,665	16,704	14,27	2,013	OUEST	SRI LANKA		
SRI LANKA	WEST	454	288	300	531	760	580	656	700	20,834	16,433	EST	SRI LANKA		
TANZANIA	WEST	200	192	199	183	193	232	239	230	800	780	OUEST	TANZANIE		
UN, ARAB EMIRATES	WEST									233	233	OUEST	EMIRATS ARABES UNIES		
UN, ARAB EMIRATES	EAST	3,654	3,039	3,442	3,175	4,708	1,121	1,560	691	1,932	1,685	EST	EMIRATS ARABES UNIES		
NOT ELSEW. IN (NEI)	WEST	1,527	1,092	1,615	2,102	854	1,121	4,372	2,760	8,984	8,006	OUEST	NON COMPRIS AILLEURS		
NOT ELSEW. IN (NEI)	EAST	13,872	14,170	15,173	21,442	26,083	20,645	31,198	36,166	40,664	37,296	EST	TOTAL		
TOTAL	WEST	14,769	16,722	24,158	34,264	29,360	37,942	36,530	36,587	44,035	39,346	OUEST	TOTAL		
TOTAL		28,641	30,892	39,331	55,706	55,443	58,587	69,728	72,753	84,489	76,642				

7.3.4 NOMINAL CATCH BY COUNTRY - CAPTURES NOMINALES PAR PAYS
(INDIAN OCEAN - OCEAN INDIEN)

Industrial and Artisanal Catches (Billfish)
Captures Industrielles et Artisanales (Poissons-épée)



Nominal Catch by area (Billfish)
Captures Nominales per area (Poissons-épée)



**7.4 Nominal Catch by Year, Species, Country and Gear/
*Captures Nominales Annuelles par Espèce, Pays et Engin***

**Indian Ocean (IOTC areas combined)/
*Océan Indien (zones CTOI confondues)***

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)
OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes
Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Thunnus albacares (Yellowfin tuna / Albacore)											
AUSTRALIA	BB	11						1			
	GILL						1				1
	LINE	69	23	14	91	647	262	106	305	275	477
	Country total/ Total pays	80	23	14	91	647	263	107	305	275	478
CHINA	LL						138	494	750	402	2,335
TAIWAN,CHINA	GILL	88	6	1							
	LL	31,550	30,707	55,987	88,026	33,984	23,069	27,850	18,374	23,416	17,686
	Country total/ Total pays	31,638	30,713	55,988	88,026	33,984	23,069	27,850	18,374	23,416	17,686
TAIWAN,CHINA-NEI	LL	10,965	11,233	13,550	15,630	13,952	24,443	19,040	16,511	16,504	12,811
COMOROS	LINE	3,321	3,321	4,740	4,740	5,607	5,607	5,518	5,308	5,308	5,198
	UNCL			2	2	2	2	2	2	2	2
	Country total/ Total pays	3,321	3,321	4,742	4,742	5,609	5,609	5,520	5,310	5,310	5,200
EAST TIMOR	LINE										1
FRANCE	LL	198	262	388	410	492	402	628	636	609	534
	PS	45,323	38,127	45,224	39,418	35,801	39,209	35,475	31,200	22,387	30,754
	Country total/ Total pays	45,521	38,389	45,612	39,828	36,293	39,611	36,103	31,836	22,996	31,288
FRANCE-MAYOTTE	LL									194	
HONDURAS-INDIA	LL	69	90	94	2,471	1,545	1,893				
INDIA	GILL									1,969	859
	LL	17	49	40	228	185	194	172	154	444	580
	PS									14	634
	UNCL							7,155	3,952	1,191	
	Country total/ Total pays	17	49	40	228	185	194	7,327	4,106	3,618	2,073
INDONESIA	GILL	178	288	288	221	221	221	221	221	221	221
	LL	3,520	4,182	7,099	13,122	17,331	17,953	26,457	31,445	24,312	34,486
	PS	270	603	293	342	342	342	342	342	342	342
	UNCL	68	117	117	88	88	88	88	88	88	88
	Country total/ Total pays	4,036	5,190	7,797	13,773	17,982	18,604	27,108	32,096	24,963	35,137
IRAN I R	GILL	2,280	3,238	12,104	13,300	19,450	22,495	28,465	19,145	18,004	24,296
	LL			380	4,980	4,980	380	161	161	244	30
	PS			2,081	3,356	2,732	4,300	1,607	1,944	3,282	2,545
	Country total/ Total pays	2,280	3,238	14,565	21,636	27,162	27,175	30,233	21,250	21,530	26,871
JAPAN	LL	6,192	3,847	3,843	3,377	6,965	7,954	12,012	13,466	14,761	13,983
	PS	2,973	5,054	11,882	10,946	5,339	4,751	3,917	2,612	1,949	1,501
	Country total/ Total pays	9,165	8,901	15,725	14,323	12,304	12,705	15,929	16,078	16,710	15,484
KENYA	LINE	50	71	75	80	80	80	80	80	80	80
KOREA REP	LL	7,006	3,004	4,091	4,681	3,622	2,444	3,443	3,642	2,265	908
MALDIVES	BB	4,921	7,028	8,029	9,275	12,383	11,768	11,500	12,167	12,994	12,960
	LL	217	198	280	327	221	263	310	320	569	704
	UNCL	1	1		2	17		1	2	3	
	Country total/ Total pays	5,139	7,227	8,309	9,604	12,621	12,031	11,811	12,489	13,566	13,664
MAURITIUS	LL	77	120	155	83	81	89	80	269	238	126
	PS	1,357	2,621	2,130	2,454	1,777	1,636	633	826	1,205	625
	Country total/ Total pays	1,434	2,741	2,285	2,537	1,858	1,725	713	1,095	1,443	751
OMAN	GILL	14,084	8,996	13,419	11,366	18,922	21,276	11,590	9,782	11,307	7,377
PAKISTAN	GILL	3,156	4,780	3,913	2,629	2,426	2,110	2,766	3,705	3,657	8,747
	LL		1,700	19,481	28,188	2,178	3,030	2,484	133	138	137
	Country total/ Total pays	3,156	6,480	23,394	30,817	4,604	5,140	5,250	3,838	3,795	8,884
PHILIPPINES	LL									623	619
SEYCHELLES	LL	15	10	4			5	67	106	46	98
	PS		362	221					2,770	7,407	9,807
	Country total/ Total pays	15	372	225			5	67	2,876	7,453	9,905
SOUTH AFRICA	LINE	70	7	13	24	6	26				
SOVIET UNION	PS	2,428	3,059								
SPAIN	LL				9	29					
	PS	43,711	44,021	37,782	47,704	43,130	65,159	59,425	60,913	38,573	51,797
	Country total/ Total pays	43,711	44,021	37,782	47,713	43,159	65,159	59,425	60,913	38,573	51,797
SRI LANKA	GILL	7,166	10,952	9,984	10,427	11,069	7,831	12,664	15,481	19,308	27,139
	LINE	737	1,178	462	1,184	863	860	217	265	331	385
	PS				1						
	UNCL				4	7	5	8	10	12	14
	Country total/ Total pays	7,903	12,130	10,446	11,616	11,939	8,696	12,889	15,756	19,651	27,538
TANZANIA	UNCL										350
YEMEN AR RP	UNCL	695	771	748	804	804	800	800	840	820	820
NEI-URSS	PS	804									
NEI-RUSSIA	PS			5,149	8,079	5,836					
NEI-EU	PS	11,945	11,928	8,001	15,443	19,676	19,313	16,734	21,849	20,288	25,781

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
NOT ELSEW. IN. (NEI)	LL	28,647	21,985	26,894	33,630	29,476	1,132	7,001	2,724	10,651	8,285
	PS						17,291	12,944	10,685	8,423	11,406
Country total/ Total pays		28,647	21,985	26,894	33,630	29,476	18,423	19,945	13,409	19,074	19,691
Catch by gear/ Captures par engin											
	BB	4,932	7,028	8,029	9,275	12,383	11,768	11,501	12,167	12,994	12,960
	GILL	26,952	28,260	39,709	37,943	52,088	53,934	55,706	48,334	54,466	68,640
	LINE	3,979	3,960	5,512	5,618	6,403	6,360	6,415	6,398	6,731	6,913
	LL	88,741	78,027	132,078	195,663	115,841	83,864	99,705	88,251	94,679	92,550
	PS	108,811	105,775	112,763	127,743	114,633	152,001	131,077	133,141	103,870	135,192
	UNCL	764	889	867	900	918	895	8,054	4,894	2,116	1,274
Species total/ Total espèce		234,179	223,939	298,958	377,142	302,266	308,822	312,458	293,185	274,856	317,529

Thunnus obesus

(Bigeye tuna / Patudo; Thon obèse)

AUSTRALIA	BB					4					
	LL		3	125	475	142	84	25	57	187	476
Country total/ Total pays			3	125	475	146	84	25	57	187	476
CHINA	LL						140	466	1,652	2,164	2,182
TAIWAN,CHINA	GILL	168	117	17							
	LL	20,747	28,958	24,007	39,542	27,732	32,645	29,820	34,145	39,698	37,093
Country total/ Total pays		20,915	29,075	24,024	39,542	27,732	32,645	29,820	34,145	39,698	37,093
TAIWAN,CHINA-NEI	LL	4,643	4,756	5,738	6,618	6,905	15,078	18,196	13,880	13,942	10,823
COMOROS	LINE	29	29	27	27	32	32	30	30	30	30
FRANCE	LINE				6	7	15	98	91	112	213
	PS	4,592	5,433	3,814	5,004	5,322	7,263	6,883	7,779	6,379	8,526
Country total/ Total pays		4,592	5,433	3,814	5,010	5,329	7,278	6,981	7,870	6,491	8,739
FRANCE-MAYOTTE	LL									14	109
HONDURAS-INDIA	LL	58	52	53	123	190	39				
INDIA	LL				866	1,076	1,076			4	
INDONESIA	LL	3,635	3,522	5,930	5,556	8,577	11,074	25,285	26,433	20,539	29,133
IRAN I R	LL							18	18	28	3
	PS							135	244	377	589
Country total/ Total pays								153	262	405	592
JAPAN	LL	9,309	7,140	4,786	6,911	14,543	15,862	15,340	16,442	15,744	14,386
	PS	1,105	1,269	1,757	1,959	4,178	3,600	1,330	1,251	915	899
Country total/ Total pays		10,414	8,409	6,543	8,870	18,721	19,462	16,670	17,693	16,659	15,285
KOREA REP	LL	10,313	2,124	4,549	7,146	8,239	6,154	10,788	10,206	3,187	1,345
MALDIVES	BB	294	484	388	505	506	473	630	540	606	604
MAURITIUS	LL	12	36	146	45	83	18	14	47		37
	PS	816	1,059	727	619	646	552	257	499	260	223
Country total/ Total pays		828	1,095	873	664	729	570	271	546	260	260
PHILIPPINES	LL									1,551	1,891
SEYCHELLES	LL						5	75	65	59	88
	PS		20	11					866	2,023	2,973
Country total/ Total pays			20	11			5	75	931	2,082	3,061
SOUTH AFRICA	LINE		17	2							
SOVIET UNION	PS	223	247								
SPAIN	LL				9	31					
	PS	4,866	5,994	3,629	5,405	5,904	12,209	11,361	15,818	11,223	16,051
Country total/ Total pays		4,866	5,994	3,629	5,414	5,935	12,209	11,361	15,818	11,223	16,051
SRI LANKA	GILL	99	1	21	14	147	1,243	301	368	459	124
	LL	6	18	148	995	865	865	190	232	290	338
Country total/ Total pays		105	19	169	1,009	1,012	2,108	491	600	749	462
NEI-URSS	PS	12									
NEI-RUSSIA	PS			397	952	280					
NEI-EU	PS	1,029	1,545	862	1,924	2,465	3,391	3,430	6,094	5,157	7,486
NOT ELSEW. IN. (NEI)	LL	2,943	3,254	4,020	4,383	5,979	1,602	7,496	5,063	18,057	17,376
	PS						1,422	1,097	1,207	1,072	1,497
Country total/ Total pays		2,943	3,254	4,020	4,383	5,979	3,024	8,593	6,270	19,129	18,873
Catch by gear/ Captures par engin											
	BB	294	484	388	505	510	473	630	540	606	604
	GILL	267	118	38	14	147	1,243	301	368	459	124
	LINE	29	46	39	40	45	48	66	86	34	60
	LL	51,666	49,863	49,492	72,662	74,356	84,641	107,775	108,275	115,572	115,463
	PS	12,643	15,567	11,197	15,863	18,795	28,437	24,493	33,758	27,406	38,244
Species total/ Total espèce		64,899	66,078	61,154	89,084	93,853	114,842	133,265	143,027	144,077	154,495

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Katsuwonus pelamis</i> (Skipjack / Listao; Bonite à ventre rayé)											
AUSTRALIA	BB	46		16		50	465	210	892	2,243	4,982
	LL	10				3	1	2	1	4	4
	PS	583	761	318	29	1,151			12		
Country total/ Total pays		639	761	334	29	1,204	466	212	905	2,247	4,986
TAIWAN,CHINA	LL	105	34	76	218	88	106	59	57	85	83
COMOROS	LINE	3,800	3,800	1,847	1,847	2,185	2,185	2,150	2,070	2,070	2,000
FRANCE	LINE	37	46	59	71	64	105	91	77	92	89
	PS	29,040	39,403	45,114	48,270	58,459	49,084	40,068	31,348	30,347	42,702
Country total/ Total pays		29,077	39,449	45,173	48,341	58,523	49,189	40,159	31,425	30,439	42,791
HONDURAS-INDIA	LL				4		9				
INDIA	GILL									590	
	LINE							6	6	86	
	PS									4	5,707
	UNCL	5,791	4,645	4,859	4,988	9,254	6,577	6,844	6,090	357	
Country total/ Total pays		5,791	4,645	4,859	4,988	9,254	6,577	6,850	6,096	1,037	5,707
INDONESIA	GILL	1,743	2,815	2,815	2,987	3,464	3,091	4,323	5,587	4,872	5,110
	PS	996	865	1,417	1,328	1,540	1,374	1,922	2,484	2,166	2,272
	UNCL	11,974	11,465	12,763	14,665	17,007	15,179	21,228	27,434	23,920	25,089
Country total/ Total pays		14,713	15,145	16,995	18,980	22,011	19,644	27,473	35,505	30,958	32,471
IRAN I R	GILL	808	1,148	4,291	4,353	7,399	1,133	2,450	5,000	4,702	13,861
	LINE					1					
	PS							791	973	1,969	2,722
Country total/ Total pays		808	1,148	4,291	4,353	7,400	1,133	3,241	5,973	6,671	16,583
JAPAN	LL	3	1			9	9	7	3	4	4
	PS	10,918	15,877	31,473	31,309	20,090	16,077	7,025	6,713	5,748	4,588
Country total/ Total pays		10,921	15,878	31,473	31,309	20,099	16,086	7,032	6,716	5,752	4,592
KOREA REP	LL							8			
MALDIVES	BB	60,711	58,326	57,609	57,978	68,732	69,897	66,174	68,090	77,787	92,297
	LL	715	566	957	760	453	475	326	925	619	590
	UNCL		7	11	3	225		2		4	1
Country total/ Total pays		61,426	58,899	58,577	58,741	69,410	70,372	66,502	69,015	78,410	92,888
MAURITIUS	LL	4	4	41	40	41	40	40	134	455	7
	PS	4,084	6,490	6,020	6,862	5,125	3,808	1,858	2,921	1,230	2,354
Country total/ Total pays		4,088	6,494	6,061	6,902	5,166	3,848	1,898	3,055	1,685	2,361
OMAN	GILL					375	775	408	729	227	320
PAKISTAN	GILL	7,555	7,419	6,113	6,918	8,134	7,089	4,140	4,480	4,372	4,505
SEYCHELLES	PS		1,836	643					4,947	10,706	15,861
SOUTH AFRICA	LINE	1		1	3	1	1				
SOVIET UNION	PS	3,932	5,579								
SPAIN	PS	47,851	41,786	46,756	51,372	61,626	69,585	66,296	63,057	58,661	74,345
SRI LANKA	BB	56	204	322	137	4	4	4	5	6	7
	GILL	24,994	27,854	23,788	24,059	21,504	18,249	22,718	27,771	34,636	51,877
	LINE	54	631	36	585	30	27	22	27	34	39
	PS		157		16						
	UNCL				35	10	8	10	12	15	17
Country total/ Total pays		25,104	28,846	24,146	24,832	21,548	18,288	22,754	27,815	34,691	51,940
YEMEN AR RP	UNCL	13	14	13	14	14	15	88	90	90	90
NEI-URSS	PS	704									
NEI-RUSSIA	PS			9,984	7,995	8,243					
NEI-EU	PS	10,962	10,810	10,816	17,360	24,463	22,208	18,403	24,315	31,202	33,482
NOT ELSEW. IN. (NEI)	LL			3	8	5	6	15	4	39	2
	PS						22,095	16,305	12,307	13,821	18,175
Country total/ Total pays				3	8	5	22,101	16,320	12,311	13,860	18,177
Catch by gear/ Captures par engin											
	BB	60,813	58,530	57,947	58,115	68,786	70,366	66,388	68,987	80,036	97,286
	GILL	35,100	39,236	37,007	38,317	40,876	30,337	34,039	43,567	49,399	75,673
	LINE	4,621	5,047	2,937	3,005	2,766	2,824	2,617	3,229	3,348	2,728
	LL	108	35	83	531	114	140	109	75	140	90
	PS	109,060	123,564	152,541	164,541	180,697	184,231	152,668	149,077	155,854	202,208
	UNCL	17,778	16,131	17,646	19,705	26,510	21,779	28,172	33,626	24,386	25,197
Species total/ Total espèce		227,480	242,543	268,161	284,214	319,749	309,677	283,993	298,561	313,163	403,182
<i>Thunnus alalunga</i> (Albacore tuna / Germon)											
AUSTRALIA	BB			6	8	14	3	1			
	LINE		94	42	93	113	24	3	23	26	31
	PS			1	2						

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined) Unit: tonnes
OCEAN INDIEN (Toutes les zones confondues) Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
AUSTRALIA	UNCL		3								
Country total/ Total pays			97	49	103	127	27	4	23	26	31
CHINA	LL										189
TAIWAN,CHINA	GILL	21,142	9,001	1,322							
	LL	5,756	13,102	11,103	11,890	14,407	14,209	16,930	15,204	21,572	22,514
Country total/ Total pays		26,898	22,103	12,425	11,890	14,407	14,209	16,930	15,204	21,572	22,514
TAIWAN,CHINA-NEI	LL	476	488	588	678	384	945	1,576	2,882	2,996	2,325
FRANCE	LINE	15	41	55	120	175	163	347	306	318	357
	PS	35	875	1,402	310	292	350	391	539	460	154
Country total/ Total pays		50	916	1,457	430	467	513	738	845	778	511
FRANCE-MAYOTTE	LL									113	86
HONDURAS-INDIA	LL	205	178	222	377						
INDONESIA	LL	313	246	409	591	495	719	2,271	5,691	4,575	6,490
IRAN I R	PS							10	16	9	
JAPAN	LL	1,066	830	1,040	895	1,487	2,043	2,388	2,870	2,570	2,214
KOREA REP	LL			5	4	13	6	14	102	122	27
MAURITIUS	LINE	28	20	2	2	2	2	2	7		
	PS									15	12
Country total/ Total pays		28	20	2	2	2	2	2	7	15	12
PHILIPPINES	LL									501	190
SEYCHELLES	PS									183	17
SOUTH AFRICA	LINE	25	1		2	1	2		1	1	1
SOVIET UNION	PS	2									
SPAIN	PS	145	1,066	1,456	904	1,773	561	826	1,022	268	232
NEI-URSS	PS	21									
NEI-RUSSIA	PS			40	37	3					
NEI-EU	PS	137	300	393	75	508	343	308	392	465	139
NOT ELSEW. IN. (NEI)	LL	14	163	448	442	869	697	4,256	2,254	9,812	10,546
	PS						40	44	48	26	14
Country total/ Total pays		14	163	448	442	869	737	4,300	2,302	9,838	10,560

Catch by gear/ Captures par engin

BB				6	8	14	3	1			
GILL	21,142	9,001	1,322								
LINE	40	55	27	30	46	52	55	70	48	56	
LL	7,858	15,108	13,887	15,064	17,900	18,758	27,732	29,270	42,558	44,914	
PS	340	2,241	3,292	1,328	2,576	1,294	1,579	2,017	1,426	568	
UNCL			3								

Species total/ Total espèce **29,380** **26,408** **18,534** **16,430** **20,536** **20,107** **29,367** **31,357** **44,032** **45,538**

Thunnus maccoyii (Southern Bluefin tuna / Thon rouge du sud)

AUSTRALIA	BB	257	104				828	1,457		896	25
	LINE	1,036	1,204	591	621	480	371	1	80	134	97
	PS	3,603	2,345	1,593	1,531	2,019	1,799	3,274	4,832	3,290	5,322
	UNCL		4								
Country total/ Total pays		4,896	3,657	2,184	2,152	2,499	2,998	4,732	4,912	4,320	5,444
TAIWAN,CHINA	LL		116	82	621	661	1,306	1,453	823	1,307	1,478
TAIWAN,CHINA-NEI	LL	918	940	1,134	1,308	949	196	206			
INDONESIA	LL	261	312	529	1,070	1,261	1,223	3,354	5,020	4,022	5,706
JAPAN	LL	4,338	2,475	2,949	1,822	2,520	3,145	4,336	4,558	4,313	4,162
KOREA REP	LL			15		98	315	911	1,583	1,562	1,236
SRI LANKA	LL							68	83	104	121
NEI-EU	LL	364									
NOT ELSEW. IN. (NEI)	LL		1	3	22	39	64	365	122	595	693

Catch by gear/ Captures par engin

BB	257	104					828	1,457		896	25
LINE	38	57	16								
LL	6,879	4,991	5,287	5,464	6,008	6,620	10,694	12,269	12,037	13,493	
PS	3,603	2,345	1,593	1,531	2,019	1,799	3,274	4,832	3,290	5,322	
UNCL		4									

Species total/ Total espèce **10,777** **7,501** **6,896** **6,995** **8,027** **9,247** **15,425** **17,101** **16,223** **18,840**

Thunnus tonggol (Longtail tuna / Thon mignon)

AUSTRALIA	LL	52	14	13		2	1				31
Country total/ Total pays		52	14	13		2	1				31
TAIWAN,CHINA	LL		80	37							
ERITREA	GILL								6	22	

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
INDIA	GILL									2,703	1,815
	LINE									394	753
	PS									19	
	UNCL	880	3,727	2,487	4,324	4,953	7,036	4,263	5,322	1,634	
Country total/ Total pays		880	3,727	2,487	4,324	4,953	7,036	4,263	5,322	4,750	2,568
IRAN I R	GILL	14,924	14,552	9,758	8,150	11,540	27,188	16,475	19,360	18,206	21,330
	LINE					560					
	PS							672	752	1,488	2,135
	UNCL	14,924	14,552	9,758	8,150	12,100	27,188	17,147	20,112	19,694	23,465
Country total/ Total pays		14,924	14,552	9,758	8,150	12,100	27,188	17,147	20,112	19,694	23,465
MALAYSIA	GILL	148	157	258	473	147	186	309	321	469	459
	LINE	7		6		2	2	3	3	4	
	PS	1,325	1,450	2,350	1,438	820	1,041	1,726	1,794	2,623	2,330
	UNCL	1,480	1,607	2,614	1,930	972	1,233	2,045	2,125	3,106	2,824
Country total/ Total pays		1,480	1,607	2,614	1,930	972	1,233	2,045	2,125	3,106	2,824
OMAN	GILL	6,658	4,266	5,065	6,705	5,246	3,967	5,316	5,020	4,379	4,798
PAKISTAN	GILL	6,052	5,939	5,807	4,467	5,807	5,006	4,121	5,360	5,220	5,600
SAUDI ARABIA	GILL						52	96	2	1	9
	LINE						182	15	23	10	14
	UNCL							4	76	170	113
	UNCL						234	115	101	181	136
Country total/ Total pays							234	115	101	181	136
SRI LANKA	GILL		2		11	57					
	LINE	4	2		1						
	UNCL	4	4		12	57					
Country total/ Total pays		4	4		12	57					
THAILAND	GILL	63	342	132	1,282	1,999	1,142	941	895	832	493
	PS	964	5,212	2,011	19,425	30,384	17,350	21,095	19,140	17,794	16,183
	UNCL	12	66	26	243	379	217				
	UNCL	1,039	5,620	2,169	20,950	32,762	18,709	22,036	20,035	18,626	16,676
Country total/ Total pays		1,039	5,620	2,169	20,950	32,762	18,709	22,036	20,035	18,626	16,676
UN ARAB EMIRATES	GILL	2,954	2,861	2,969	3,000	3,349	4,286	4,331	2,753	2,759	2,805
	LINE	473	458	475	480	536	686	693	441	441	448
	UNCL	512	496	515	520	581	743	751	477	478	486
	UNCL	3,939	3,815	3,959	4,000	4,466	5,715	5,775	3,671	3,678	3,739
Country total/ Total pays		3,939	3,815	3,959	4,000	4,466	5,715	5,775	3,671	3,678	3,739
YEMEN AR RP	UNCL	1,276	651	1,324	1,707	2,291	2,204	1,887	1,970	1,920	1,920
NOT ELSEW. IN. (NEI)	UNCL						351	351	351		
Catch by gear/ Captures par engin											
	GILL	30,799	28,119	23,989	24,088	28,145	41,827	31,589	33,717	34,591	37,309
	LINE	535	474	494	481	1,100	871	711	467	849	1,246
	LL	1	80	37							
	PS	2,289	6,662	4,361	20,863	31,204	18,391	23,493	21,686	21,924	20,648
	UNCL	2,680	4,940	4,352	6,813	8,207	10,555	7,263	8,203	4,212	2,554
Species total/ Total espèce		36,304	40,275	33,233	52,245	68,656	71,644	63,056	64,073	61,576	61,757

Euthynnus affinis

(Kawakawa / Thonine orientale)

AUSTRALIA	BB									1	
	LINE		1								
Country total/ Total pays			1						1		
COMOROS	LINE	100	200	200	180	180	180	170	160	160	150
EGYPT	PS										231
	UNCL										95
	UNCL										326
Country total/ Total pays											
ERITREA	GILL							4	6		
FRANCE	LINE				27	24	28	26	24	28	22
INDIA	GILL									8,792	12,996
	LINE									1,282	4,760
	PS									62	1,189
	UNCL	32,765	17,624	23,391	19,197	15,705	18,781	14,778	23,425	15,451	21,641
Country total/ Total pays		32,765	17,624	23,391	19,197	15,705	18,781	14,778	23,425	15,451	21,641
INDONESIA	GILL	20	32	32	25	25	25	25	25	25	25
	UNCL	66	100	101	78	78	78	78	78	78	78
	UNCL	86	132	133	103	103	103	103	103	103	103
Country total/ Total pays		86	132	133	103	103	103	103	103	103	103
IRAN I R	GILL	696	660	722	518	2,084	3,911	5,665	8,451	7,947	10,858
	LINE					16					
	UNCL	696	660	722	518	2,100	3,911	5,665	8,451	7,947	10,858
Country total/ Total pays		696	660	722	518	2,100	3,911	5,665	8,451	7,947	10,858
MALAYSIA	GILL	47	50	82	149	46	59	98	102	149	146
	LINE	7		6		2	2	3	3	4	
	PS	3,092	3,384	5,483	3,356	1,913	2,429	4,026	4,185	6,120	5,435
	UNCL	3,146	3,434	5,571	3,524	1,964	2,494	4,134	4,297	6,283	5,616
Country total/ Total pays		3,146	3,434	5,571	3,524	1,964	2,494	4,134	4,297	6,283	5,616

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)
OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes
Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
MALDIVES	BB	982	819	1,261	1,651	1,713	1,715	2,596	1,478	2,223	1,234
	LL	1,045	841	1,181	1,917	943	979	1,191	605	1,397	457
	UNCL	9	17	8	2			2	6	4	1
	Country total/ Total pays	2,036	1,677	2,450	3,570	2,656	2,694	3,789	2,089	3,624	1,692
OMAN	GILL	1,831	1,137	1,439	701	1,134	2,064	2,335	2,388	1,731	1,522
PAKISTAN	GILL	1,884	1,721	1,468	1,467	1,716	1,449	2,351	2,571	2,684	2,715
SAUDI ARABIA	GILL						72	77	44	71	64
	LINE						47	84	170	99	84
	UNCL						2	1	90	162	108
	Country total/ Total pays						121	162	304	332	256
SEYCHELLES	LINE	188	293	261	163	170	125	93	97	41	158
	UNCL			1							
	Country total/ Total pays	188	293	262	163	170	125	93	97	41	158
SOUTH AFRICA	LINE	1	1	1	1		1				
SRI LANKA	GILL	728	511	553	244	1,531	2,066	2,240	2,738	3,415	2,127
	LINE	1,433	1,669	446	165	15	20	22	27	34	40
	PS			56	3						
	Country total/ Total pays	2,161	2,180	1,055	412	1,546	2,086	2,262	2,765	3,449	2,167
THAILAND	GILL	365	575	631	1,280	1,065	1,957	5	4	5	4
	PS	4,137	6,522	7,157	14,521	12,081	22,200	18,332	16,696	18,836	16,448
	UNCL	342	540	592	1,202	1,000	1,836				
	Country total/ Total pays	4,844	7,637	8,380	17,003	14,146	25,993	18,337	16,700	18,841	16,452
UN ARAB EMIRATES	GILL	1,800	1,744	1,796	1,050	2,044	1,796	1,814	1,875	1,885	1,955
	LINE	288	279	287	168	327	287	290	300	301	312
	UNCL	312	302	311	182	354	311	314	325	326	338
	Country total/ Total pays	2,400	2,325	2,394	1,400	2,725	2,394	2,418	2,500	2,512	2,605
YEMEN AR RP	UNCL	1,569	1,601	1,615	504	1,164	1,226	1,183	1,240	1,210	1,210
NOT ELSEW. IN. (NEI)	UNCL						140	140	140		
Catch by gear/ Captures par engin											
	BB	982	819	1,261	1,651	1,713	1,715	2,596	1,479	2,223	1,234
	GILL	7,371	6,430	6,723	5,434	9,645	13,399	14,614	18,204	26,704	32,412
	LINE	3,061	3,284	2,380	2,580	1,646	1,666	1,764	1,374	3,336	5,983
	LL	1		2	41	31	3	115	12	10	
	PS	7,229	9,906	12,696	17,880	13,994	24,629	22,358	20,881	25,018	23,303
	UNCL	35,063	20,184	26,019	21,184	18,304	22,378	16,503	25,311	7,105	4,561
Species total/ Total espèce		53,707	40,623	49,081	48,770	45,333	63,790	57,950	67,261	64,396	67,493

Auxis rochei

(Bullet tuna / Bonitou)

INDIA	GILL										380
	LINE										753
	PS										238
	Country total/ Total pays										
SRI LANKA	GILL	133	511	295	156	634	881	1,187	1,451	1,810	481
	LINE	176	244	318	315	2	3	4	5	6	7
	PS			5							
	Country total/ Total pays	309	755	618	471	636	884	1,191	1,456	1,816	488
Catch by gear/ Captures par engin											
	GILL	133	511	295	156	634	881	1,187	1,451	1,810	861
	LINE	176	244	318	315	2	3	4	5	6	760
	PS			5							238
Species total/ Total espèce		309	755	618	471	636	884	1,191	1,456	1,816	1,859

Auxis thazard

(Frigate tuna / Auxide)

INDIA	GILL										7,656
	LINE										4,859
	PS										951
	Country total/ Total pays										
IRAN I R	GILL										590
	BB	3,002	2,269	3,103	4,978	3,745	3,667	6,073	2,301	3,829	3,117
	LL	339	306	278	471	258	271	410	184	377	282
	Country total/ Total pays	3,346	2,582	3,389	5,455	4,018	3,938	6,484	2,489	4,218	3,402
MALDIVES	UNCL	5	7	8	6	15		1	4	12	3
	BB										
	LL										
	Country total/ Total pays	3,346	2,582	3,389	5,455	4,018	3,938	6,484	2,489	4,218	3,402

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)
OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes
Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
OMAN	GILL	539	130	210	354	394	786	613	846	611	583
SRI LANKA	BB		1	92							
	GILL	1,510	782	1,113	2,717	2,446	2,974	3,947	4,825	6,018	2,678
	LINE	498	349	610	302	103	125	166	203	253	295
	PS	70	5,176	593	521	22					
	UNCL					19	23	30	37	46	54
Country total/ Total pays		2,078	6,308	2,408	3,540	2,590	3,122	4,143	5,065	6,317	3,027
THAILAND	GILL	65	65	89	180	150	276				
	PS	742	742	1,008	2,054	1,705	3,141				
	UNCL	193	193	263	536	445	820				
Country total/ Total pays		1,000	1,000	1,360	2,770	2,300	4,237				
UN ARAB EMIRATES	GILL	488	473	488	488	552	429	434	464	466	478
	LINE	78	76	78	78	89	69	69	74	74	76
	UNCL	85	82	85	85	96	74	75	80	80	82
Country total/ Total pays		651	631	651	651	737	572	578	618	620	636
YEMEN AR RP	UNCL	22	24	23	25	25	20	20	20	20	20
NOT ELSEW. IN. (NEI)	UNCL						100	100	100		
Catch by gear/ Captures par engin											
	BB	3,002	2,270	3,195	4,978	3,745	3,667	6,073	2,301	3,829	3,117
	GILL	2,602	1,450	1,900	3,739	3,542	4,465	4,994	6,135	7,095	11,985
	LINE	914	731	965	849	450	464	605	456	703	5,512
	LL	1		1	2		1	40	5	1	
	PS	812	5,918	1,601	2,575	1,727	3,141				951
	UNCL	305	306	379	652	600	1,037	226	241	158	2,505
Species total/ Total espèce		7,636	10,675	8,041	12,795	10,064	12,775	11,938	9,138	11,786	24,070

Auxis spp.

(Frigate and Bullet tunas / Auxides et Bonitous)

INDIA	GILL									4,369	190
	LINE									638	
	PS									31	
	UNCL	6,986	5,407	7,895	3,976	12,463	5,917	11,119	10,564	2,642	436
Country total/ Total pays	6,986	5,407	7,895	3,976	12,463	5,917	11,119	10,564	7,680	626	
INDONESIA	GILL	40	64	64	49	49	49	49	49	49	49
	UNCL	1,771	3,034	3,035	2,297	2,297	2,297	2,297	2,297	2,297	2,297
	Country total/ Total pays	1,811	3,098	3,099	2,346	2,346	2,346	2,346	2,346	2,346	2,346
IRAN I R	GILL	70	480	300	436	176	4,438	740	541	509	
	LINE					24					
	PS							15	3		
Country total/ Total pays	70	480	300	436	200	4,438	755	544	509		
PAKISTAN	GILL			21	7	36	36	49	54	56	59
SOVIET UNION	PS	21	22								
SPAIN	PS		26					1,227	208		
THAILAND	GILL							1	1	1	1
	PS							2,988	2,722	3,070	2,682
Country total/ Total pays							2,989	2,723	3,071	2,683	
NEI-RUSSIA	PS			28	13	10					
NEI-EU	PS										18
Catch by gear/ Captures par engin											
	GILL	110	544	385	492	261	4,523	839	645	4,984	299
	LINE					24				638	
	PS	21	48	28	13	10		4,230	2,933	3,101	2,700
	UNCL	8,757	8,441	10,930	6,273	14,760	8,214	13,416	12,861	4,939	2,733
Species total/ Total espèce		8,888	9,033	11,343	6,778	15,055	12,737	18,485	16,439	13,662	5,732

Thunnini and Sardini NEI

(Tunas and Bonitos NEI / Thons et bonites NCA)

AUSTRALIA	GILL			1		1	1		2	1	2
	LINE		3	20	6	17	13	9	4	9	23
	PS		1	8	10	5					
	UNCL		3	7	3	17	10	7	1	9	9
Country total/ Total pays		7	36	19	40	24	16	7	19	34	
TAIWAN,CHINA	LL	32	80	37	505	193	118				
COMOROS	LINE	678	678	432	432	511	511	508	488	488	448
	UNCL			2	2	2	2	2	2	2	2
Country total/ Total pays		678	678	434	434	513	513	510	490	490	450
DJIBOUTI	GILL	20	11	12	13	14	15	15	14	15	15

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
EAST TIMOR	GILL										1
ERITREA	GILL							25	44	111	64
FRANCE	LL							38			
FRANCE-MAYOTTE	LINE						233	387	421	398	524
INDIA	GILL									3,503	
	LINE									511	
	PS									25	
	UNCL	5,347	4,523	8,666	7,698	3,162	5,087			2,117	
Country total/ Total pays		5,347	4,523	8,666	7,698	3,162	5,087			6,156	
INDONESIA	PS	2,803	821	3,177	1,993	1,993	1,993	1,993	1,993	1,993	1,993
	UNCL	18,389	27,015	18,812	18,817	18,817	18,817	18,817	18,817	18,817	18,817
Country total/ Total pays		21,192	27,836	21,989	20,810	20,810	20,810	20,810	20,810	20,810	20,810
IRAN I R	PS							4	5	9	
JORDANIA	UNCL									70	96
KENYA	UNCL	228	206	206	206	206	206	206	206	206	206
KOREA REP	LL	751	222	522	796	584	577	1,082	1,204	724	244
MAURITIUS	LINE	46	44							39	675
	PS	197	466	129	344	141	183	67	189		
Country total/ Total pays		243	510	129	344	141	183	67	189	39	675
MOZAMBIQUE	UNCL	5,367	119	7,338	7,000	3,914	3,347	2,461	3,602	7,140	2,635
OMAN	GILL	1,176		476	701	1,164	611	184	366	124	99
PAKISTAN	GILL							1,990			
PORTUGAL	LL										2
SEYCHELLES	LINE	2	4	19	10	29	7			5	11
Country total/ Total pays		2	4	19	10	29	7			5	11
SOUTH AFRICA	LINE	9	30	36	44	3	11				
SOVIET UNION	PS	163	20								
	UNCL	13									
Country total/ Total pays		176	20								
TANZANIA	UNCL	1,211	823	800	538	1,002	670	757	850	650	500
YEMEN AR RP	UNCL	273	303	294	316	316	300	300	310	300	300
NEI-RUSSIA	PS			155	1,354						
NOT ELSEW. IN. (NEI)	LL		2	3	18	11	6				
Catch by gear/ Captures par engin											
	GILL	1,196	11	489	714	1,179	627	2,214	426	3,754	181
	LINE	735	759	507	491	545	775	903	913	1,450	1,681
	LL	783	304	562	1,320	803	701	1,121	1,204	726	244
	PS	3,163	1,308	3,469	3,701	2,139	2,176	2,064	2,187	2,027	1,993
	UNCL	30,828	32,992	36,125	34,580	27,436	28,439	22,550	23,788	29,311	22,565
Species total/ Total espèce		36,705	35,374	41,152	40,806	32,102	32,718	28,852	28,518	37,268	26,664

Scomberomorus commerson

(Narrow barred Spanish Mackerel / Thazard rayé)

AUSTRALIA	GILL		1			6				1	1
	LINE	207	380	320	441	501	439	468	619	536	334
	UNCL	4	6	5	4	6	5	3	3	3	1
Country total/ Total pays		211	387	325	445	513	444	471	622	540	336
BAHRAIN	GILL	92	131	114	77	69	109	158	43	75	41
	LINE								4	10	3
Country total/ Total pays		92	131	114	77	69	109	158	47	85	44
EGYPT	PS					882	921	6,305	6,037	7,052	5,283
	UNCL	86	86	191	191	360	376	2,575	2,466	2,881	2,159
Country total/ Total pays		86	86	191	191	1,242	1,297	8,880	8,503	9,933	7,442
ERITREA	GILL						49	191	200	210	250
INDIA	GILL									18,311	13,376
	LINE									2,671	1,951
	PS									129	94
	UNCL	15,921	16,794	24,578	20,019	24,624	28,587	24,613	23,360	11,070	8,087
Country total/ Total pays		15,921	16,794	24,578	20,019	24,624	28,587	24,613	23,360	32,181	23,508
INDONESIA	UNCL	7,041	8,202	9,353	12,172	10,462	11,581	12,330	11,622	16,034	16,820
IRAN I R	GILL	3,380	3,720	3,328	2,869	3,112	11,067	3,560	4,290	4,034	4,609
	LINE					188					
Country total/ Total pays		3,380	3,720	3,328	2,869	3,300	11,067	3,560	4,290	4,034	4,609
ISRAEL	UNCL			36							
KENYA	GILL	611	794	794	794	794	794	794	794	794	794
	LINE	97	126	124	125	125	125	125	125	125	125
Country total/ Total pays		708	920	918	919	919	919	919	919	919	919
KUWAIT	GILL	7	2	33	36	59	68	85	73	124	127
MADAGASCAR	LINE	10,000	8,000	8,000	10,000	10,000	10,000	10,000	10,000	12,000	12,000

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined) OCEAN INDIEN (Toutes les zones confondues)		Unit: tonnes Unité: tonnes									
Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
OMAN	GILL	7,836	3,567	3,616	3,143	3,846	6,129	5,230	5,922	3,143	3,390
PAKISTAN	GILL	5,823	6,467	8,379	8,432	7,157	8,618	10,108	12,009	12,232	11,734
QATAR	GILL	562	716	766	636	406	255	307	411	552	496
SAUDI ARABIA	GILL						5,305	4,154	1,858	1,988	1,290
	LINE						913	883	1,442	1,148	1,143
	PS								2	1	17
	UNCL	8,662	8,768	9,872	10,374	10,851	124	239	2,209	3,585	3,582
Country total/ Total pays		8,662	8,768	9,872	10,374	10,851	6,342	5,276	5,511	6,722	6,032
SOUTH AFRICA	LINE	58	37	22	54	15	4	13	12	12	12
SRI LANKA	GILL	731	133	101	123	191	187	772	944	1,177	776
	LINE	51	10	18	40	12	12	45	55	69	80
Country total/ Total pays		782	143	119	163	203	199	817	999	1,246	856
UN ARAB EMIRATES	GILL	4,450	4,215	4,342	4,350	4,856	4,938	4,990	5,333	5,350	5,484
	LINE	712	674	695	696	777	790	798	853	856	877
	UNCL	771	731	753	754	842	856	865	924	927	950
Country total/ Total pays		5,933	5,620	5,790	5,800	6,475	6,584	6,653	7,110	7,133	7,311
YEMEN AR RP	UNCL	3,118	3,207	2,551	3,092	3,255	3,047	3,521	3,680	3,580	3,580
NOT ELSEW. IN. (NEI)	UNCL						3,060	3,060	3,060		
Catch by gear/ Captures par engin											
	GILL	23,492	19,746	21,473	20,460	20,496	37,519	30,349	31,877	47,991	42,368
	LINE	11,123	9,226	9,179	11,356	11,617	12,282	12,332	13,102	17,408	16,524
	LL	2	1			1	1		8	19	1
	PS					882	921	6,305	6,039	7,182	5,394
	UNCL	35,603	37,794	47,339	46,606	50,400	47,636	47,206	47,324	38,080	35,179
Species total/ Total espèce		70,220	66,767	77,991	78,422	83,396	98,359	96,192	98,350	110,680	99,466

***Scomberomorus guttatus* (Indo-Pacific king mackerel / Thazard ponctué)**

INDIA	GILL									12,837	9,377
	LINE									1,872	1,368
	PS									90	66
	UNCL	13,175	20,039	17,494	21,630	16,355	17,174	12,662	13,255	7,761	5,669
Country total/ Total pays		13,175	20,039	17,494	21,630	16,355	17,174	12,662	13,255	22,560	16,480
INDONESIA	UNCL	5,227	4,341	1,561	8,282	5,005	10,110	13,518	11,884	10,282	10,780
IRAN I R	GILL	2,253	2,480	2,218	1,636	1,556	5,418	4,340	4,129	3,883	3,476
	LINE					94					
Country total/ Total pays		2,253	2,480	2,218	1,636	1,650	5,418	4,340	4,129	3,883	3,476
KUWAIT	GILL	124	2	92	126	60	156	172	206	166	211
SAUDI ARABIA	GILL								84	274	260
	LINE								28	20	36
	UNCL								2	6	7
Country total/ Total pays									114	300	303
SRI LANKA	GILL	2			6	51					
	LL					1	1				
Country total/ Total pays		2			6	52	1				
Catch by gear/ Captures par engin											
	GILL	2,379	2,482	2,310	1,768	1,667	5,574	4,512	4,419	17,160	13,324
	LINE					94			28	1,892	1,404
	LL					1	1				
	PS									90	66
	UNCL	18,402	24,380	19,055	29,912	21,360	27,284	26,180	25,141	18,049	16,456
Species total/ Total espèce		20,781	26,862	21,365	31,680	23,122	32,859	30,692	29,588	37,191	31,250

***Scomberomorus lineolatus* (Streaked seerfish / Thazard cirrus)**

INDIA	GILL									61	45
	LINE									9	6
	UNCL	3	46	1,027	79	46	87	96	901	37	27
Country total/ Total pays		3	46	1,027	79	46	87	96	901	107	78
SRI LANKA	GILL	22	3	1	2						
	LINE	2	1	1							
	PS			1							
Country total/ Total pays		24	4	3	2						

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Catch by gear/ Captures par engin											
	GILL	22	3	1	2					61	45
	LINE	2	1	1						9	6
	PS			1							
	UNCL	3	46	1,027	79	46	87	96	901	37	27
Species total/ Total espèce		27	50	1,030	81	46	87	96	901	107	78

Acanthocybium solandri

(Wahoo / Thazard-bâtard)

AUSTRALIA	LINE							1	4	4	8
Country total/ Total pays								1	4	4	8
FRANCE	LINE		1	9	67	67	67	80	66	59	57
Country total/ Total pays			1	9	67	67	67	80	66	59	57
FRANCE-MAYOTTE	LL									1	2
INDIA	GILL									13	10
	LINE									2	2
	UNCL	1	529	10	1		5	23	21	8	6
Country total/ Total pays		1	529	10	1		5	23	21	23	18
INDONESIA	LL	2	2	3	2	3	4	10	13	11	15
KENYA	LINE	11	17	17	15	15	15	15	15	15	15
SEYCHELLES	LINE	4	8	3			10			3	4
SRI LANKA	GILL	150	185	129	382	257	123	123	150	188	479
	LINE	9	13	4	51	11	6	5	6	8	9
Country total/ Total pays		159	198	133	433	268	129	128	156	196	488
Catch by gear/ Captures par engin											
	GILL	150	185	129	382	257	123	123	150	201	489
	LINE	23	35	24	132	92	96	100	87	87	91
	LL	3	6	12	3	4	6	11	17	16	21
	UNCL	1	529	10	1		5	23	21	8	6
Species total/ Total espèce		177	755	175	518	353	230	257	275	312	607

Scomberomorini NEI

(Wahoo and seerfishes nei / Thazards nca)

AUSTRALIA	BB							9			
	GILL	7	9	1	1	3		2	2		
	LINE	100	130	83	84	118		108	150		
	PS	10	4	11	8		11		5		
	UNCL	14	9	22	18	5	8	12	14		
Country total/ Total pays		131	152	117	111	126	89	131	171		
BANGLADESH	GILL	60	40	30	40	50	50	40	50	60	60
TAIWAN,CHINA	LL		42								
COMOROS	LINE	678	678	229	229	270	270	269	259	259	249
	UNCL			1	1	1	1	1	1	1	1
Country total/ Total pays		678	678	230	230	271	271	270	260	260	250
DJIBOUTI	GILL	57	48	52	57	61	67	65	61	60	60
ERITREA	GILL							5			
INDIA	UNCL		69	69	69	936	851	1,216	3,335		
KENYA	GILL	123	160	160	160	160	160	160	160	160	160
	UNCL	46	60	60	60	60	60	60	60	60	60
Country total/ Total pays		169	220	220	220	220	220	220	220	220	220
MALAYSIA	GILL	2,481	2,917	3,444	2,682	2,664	1,853	2,028	2,224	2,958	1,043
	LINE	81	28	71		37	26	28	31	41	2
	PS	89	221	195	137	146	102	112	123	164	186
	UNCL	1,604	1,438	1,952	1,575	1,528	1,062	1,162	1,274	1,694	2,242
Country total/ Total pays		4,255	4,604	5,662	4,394	4,375	3,043	3,330	3,652	4,857	3,473
PAKISTAN	GILL	118	4,180	5							
SOUTH AFRICA	LINE								1	1	1
SRI LANKA	GILL										168
TANZANIA	UNCL	2,120	1,381	1,500	594	544	680	766	750	750	650
THAILAND	GILL	750	720	989	884	1,636	1,966	1,446	1,235	1,482	1,573
	PS	1,315	1,262	1,733	1,550	2,868	3,448	1,485	1,401	1,681	1,091
	UNCL	902	866	1,189	1,064	1,969	2,366	2,951	2,989	3,587	3,043
Country total/ Total pays		2,967	2,848	3,911	3,498	6,473	7,780	5,882	5,625	6,750	5,707
UN ARAB EMIRATES	GILL	1,050	1,013	1,043	1,050	1,174	950	1,196	1,875	2,165	2,338
	LINE	168	162	167	168	188	152	191	300	346	374
	UNCL	182	176	181	182	204	165	207	325	375	405

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Country total/ Total pays		1,400	1,351	1,391	1,400	1,566	1,267	1,594	2,500	2,886	3,117
YEMEN AR RP	UNCL	465	516	500	538	538	500	500	520	510	510
NOT ELSEW. IN. (NEI)	LL	53	50	58	56	82					
	UNCL						431	431	431		
Country total/ Total pays		53	50	58	56	82	431	431	431		
Catch by gear/ Captures par engin											
	BB							9			
	GILL	4,646	9,087	5,724	4,874	5,748	5,046	4,942	5,607	6,885	5,402
	LINE	1,027	998	550	481	613	518	596	741	647	626
	LL	53	92	58	56	82					
	PS	1,414	1,487	1,939	1,695	3,014	3,561	1,597	1,529	1,845	1,277
	UNCL	5,333	4,515	5,474	4,101	5,785	6,124	7,306	9,699	6,977	6,911
Species total/ Total espèce		12,473	16,179	13,745	11,207	15,242	15,249	14,450	17,576	16,354	14,216

Makaira mazara

(Indo-Pacific Blue Marlin / Makaïre bleu de l'Indo Pacifique)

AUSTRALIA	LL				1	33	4		2		
TAIWAN,CHINA	LL	1,182	1,415	2,741	3,251	1,420	2,162	2,180	2,990	3,711	2,855
HONDURAS-INDIA	LL			4							
INDONESIA	LL	233	260	440	396	452	637	1,826	2,463	1,855	2,631
JAPAN	LL	506	227	292	244	597	425	582	1,162	1,165	858
KENYA	LINE	2	2	2	5	5	5	5	5	5	5
KOREA REP	LL	2	11	32		3	7	1	75	103	16
PHILIPPINES	LL									69	114
SEYCHELLES	LL									1	8
SRI LANKA	GILL	3,292	4,245	3,359	1,868	6,537					
	LL	173	198	122	163	37	37				
	UNCL					15					
Country total/ Total pays		3,465	4,443	3,481	2,031	6,589	37				
NOT ELSEW. IN. (NEI)	LL		16	106	117	83	107	548	444	1,688	1,734
Catch by gear/ Captures par engin											
	GILL	3,292	4,245	3,359	1,868	6,537					
	LINE	8	12	22	57	5	5	5	5	5	5
	LL	2,090	2,117	3,717	4,120	2,625	3,379	5,137	7,136	8,592	8,216
	UNCL					15					
Species total/ Total espèce		5,390	6,374	7,098	6,045	9,182	3,384	5,142	7,141	8,597	8,221

Makaira indica

(Black Marlin / Makaïre noir)

AUSTRALIA	LL								4		
TAIWAN,CHINA	LL	271	313	930	242	422	570	428	320	457	360
HONDURAS-INDIA	LL	26	33	39	33						
INDONESIA	LL	48	53	91	82	93	131	376	507	381	541
IRAN I R	LL							3	3	5	1
JAPAN	LL	116	54	69	50	67	101	69	111	153	183
KENYA	LINE	8	10	10	18	18	18	18	18	18	18
KOREA REP	LL	7	3	3			27	11	46	22	13
SEYCHELLES	LL									1	1
SRI LANKA	GILL	889	664	869	2,612	46					
	LL	4	6	8				39	48	59	69
Country total/ Total pays		893	670	877	2,612	46		39	48	59	69
NOT ELSEW. IN. (NEI)	LL		4	36	9	25	28	108	48	207	107
Catch by gear/ Captures par engin											
	GILL	889	664	869	2,612	46					
	LINE	8	10	10	18	18	18	18	18	18	18
	LL	472	466	1,176	416	607	857	1,034	1,087	1,285	1,275
Species total/ Total espèce		1,369	1,140	2,055	3,046	671	875	1,052	1,105	1,303	1,293

Tetrapturus audax

(Striped Marlin / Marlin rayé)

AUSTRALIA	LL		1		3	9	7	3	17	12	62
TAIWAN,CHINA	LL	910	1,862	1,697	4,729	2,815	3,637	2,966	2,109	2,262	1,739
HONDURAS-INDIA	LL	2	5	5	5						
INDONESIA	LL	29	32	55	49	56	79	228	307	231	328
JAPAN	LL	149	152	180	93	194	222	281	348	258	317
KENYA	LINE	10	19	15	13	13	13	13	13	13	13

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
KOREA REP	LL	11	9		3	2	38		65	43	1
PHILIPPINES	LL									121	54
SEYCHELLES	LL										1
SOUTH AFRICA	LINE				1						
SRI LANKA	GILL	23	7	1	8						
NOT ELSEW. IN. (NEI)	LL		21	66	170	165	179	746	313	1,029	814
Catch by gear/ Captures par engin											
	GILL	23	7	1	8						
	LINE	10	19	15	14	13	13	13	13	13	13
	LL	1,101	2,082	2,003	5,052	3,241	4,162	4,224	3,159	3,956	3,316
Species total/ Total espèce		1,134	2,108	2,019	5,074	3,254	4,175	4,237	3,172	3,969	3,329

Istiophorus platypterus

(Indo-Pacific Sailfish / Voilier de l'Indo-Pacifique)

AUSTRALIA	LL									3	1
COMOROS	LINE	464	464	212	212	250	250	250	240	240	200
ERITREA	GILL								1		
FRANCE	LL				6	8	7	10	11	17	18
Country total/ Total pays					6	8	7	10	11	17	18
FRANCE-MAYOTTE	LL									4	1
HONDURAS-INDIA	LL		9	9	11	131	98				
INDIA	LL							13	12	14	9
INDONESIA	LL	63	69	117	105	119	168	481	650	489	694
IRAN I R	GILL		170	170	740	1,085	3,619	2,305	1,927	1,812	3,193
	LL							1	1	1	
Country total/ Total pays			170	170	740	1,085	3,619	2,306	1,928	1,813	3,193
JAPAN	LL	35	11	15	8		39	24	142	123	132
KENYA	GILL	94	94	94	94	94	94	94	94	94	94
	LINE	98	167	101	107	107	107	107	107	107	107
Country total/ Total pays		192	261	195	201	201	201	201	201	201	201
KOREA REP	LL			6				3	5		
OMAN	GILL	739	216	715	540	301	557	580	851	548	399
PAKISTAN	GILL		670								
	LL		691	998	731	855	910	980	41	45	46
Country total/ Total pays			1,361	998	731	855	910	980	41	45	46
PORTUGAL	LL									3	
SAUDI ARABIA	GILL									2	
	LINE								1		1
Country total/ Total pays									1	2	1
SEYCHELLES	LINE	23	13	7				1	8	2	17
Country total/ Total pays		23	13	7				1	8	2	17
SOUTH AFRICA	LINE				1						
SRI LANKA	GILL	1,359	1,690	1,244	1,727	4,615	3,318	5,332	6,518	8,129	6,929
	LL	109	44	20	131	23	17	28	34	43	50
	PS				14						
Country total/ Total pays		1,468	1,734	1,264	1,872	4,638	3,335	5,360	6,552	8,172	6,979
NOT ELSEW. IN. (NEI)	LL				26						
Catch by gear/ Captures par engin											
	GILL	2,192	2,840	2,223	3,101	6,095	7,588	8,311	9,391	10,585	10,615
	LINE	599	644	321	416	386	379	392	389	396	364
	LL	193	824	1,164	922	1,107	1,217	1,506	863	695	912
	PS				14						
Species total/ Total espèce		2,984	4,308	3,708	4,453	7,588	9,184	10,209	10,643	11,676	11,891

Xiphias gladius

(Swordfish / Espadon)

AUSTRALIA	LL		3	32	189	115	62	22	43	337	1,360
CHINA	LL						71	238	255	117	270
TAIWAN, CHINA	LL	3,844	4,715	8,993	15,345	12,454	18,261	17,620	17,343	16,829	14,727
FRANCE	LL		2	65	286	734	769	1,336	1,586	2,080	1,930
Country total/ Total pays			2	65	286	734	769	1,336	1,586	2,080	1,930
FRANCE-MAYOTTE	LL									622	314
HONDURAS-INDIA	LL	36	40	109	85	516	557				
INDIA	LL							62	58	25	15
INDONESIA	LL	119	133	226	204	233	328	941	1,270	956	1,356
IRAN I R	LL							9	9	13	2
JAPAN	LL	853	410	1,151	882	1,359	1,675	2,069	2,375	1,876	1,359

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
KENYA	LINE			2	4	4	4	4	4	4	4
KOREA REP	LL	52	32	60	20	17	76	51	204	149	29
MOZAMBIQUE	UNCL						312	358	524	1,039	447
PHILIPPINES	LL									272	325
PORTUGAL	LL									105	239
SEYCHELLES	LINE						22	141	317	216	296
Country total/ Total pays							22	141	317	216	296
SOUTH AFRICA	LL									1,000	1,000
SPAIN	LL				207	694	18	29	508	1,427	2,013
SRI LANKA	GILL	560	917	848	4,498	2,164	2,315	2,549	3,116	3,886	2,057
	LL	15	10	24	162	243	243	42	51	64	75
	PS				2						
Country total/ Total pays		575	927	872	4,662	2,407	2,558	2,591	3,167	3,950	2,132
NOT ELSEW. IN. (NEI)	LL		53	349	586	732	897	4,430	2,545	7,654	6,899
Catch by gear/ Captures par engin											
	GILL	560	917	848	4,498	2,164	2,315	2,549	3,116	3,886	2,057
	LINE			2	12	9	6	9	105	8	8
	LL	4,919	5,398	11,009	17,958	17,092	22,977	26,985	26,463	33,738	32,205
	PS				2						
	UNCL						312	358	524	1,039	447
Species total/ Total espèce		5,479	6,315	11,859	22,470	19,265	25,610	29,901	30,208	38,671	34,717

Xiphoidei NEI

(Billfish nei / Poissons épée nca)

CHINA	LL										287
TAIWAN,CHINA	LL	328	1,244	970	1,275	675	531	171	830	742	613
TAIWAN,CHINA-NEI	LL	742	760	917	1,058	816	1,941	2,699	2,897	2,820	2,189
COMOROS	LINE	214	214	115	115	136	136	130	120	120	100
FRANCE	LL		6	35	61	72	87	120	110	136	109
Country total/ Total pays			6	35	61	72	87	120	110	136	109
FRANCE-MAYOTTE	LL									37	10
HONDURAS-INDIA	LL				710	651	655				
INDIA	GILL									1,899	1,387
	LL	20	19	24	49	155	155	51	54	320	223
	PS									13	9
	UNCL	1,018	791	1,504	1,810	1,722	1,388	3,889	4,448	1,149	838
Country total/ Total pays		1,038	810	1,528	1,859	1,877	1,543	3,940	4,502	3,381	2,457
INDONESIA	GILL	167	270	270	207	207	207	207	207	207	207
KOREA REP	LL	1,802	653	1,045	1,548	2,003	1,267	2,134	961	232	30
MALAYSIA	UNCL		1			3	3		5		
MAURITIUS	LL	228	172	264	194	227	196	190	639	295	295
Country total/ Total pays		228	172	264	194	227	196	190	639	295	295
PAKISTAN	GILL	1,932	1,571	1,939	2,175	2,758	2,662	2,666	2,192	2,258	2,340
	LL		425	461	70	174	22	168	6	6	
Country total/ Total pays		1,932	1,996	2,400	2,245	2,932	2,684	2,834	2,198	2,264	2,340
SEYCHELLES	LINE					2	2	80	32	6	7
Country total/ Total pays						2	2	80	32	6	7
SOUTH AFRICA	LINE			1							
SRI LANKA	GILL		1		3		4,838	5,661	6,920	8,631	7,228
	LL		1	48	249	347	347	1	1	2	2
	UNCL						11	13	16	20	23
Country total/ Total pays			2	48	252	347	5,196	5,675	6,937	8,653	7,253
TANZANIA	UNCL	454	288	300	531	760	580	656	700	800	780
UN ARAB EMIRATES	GILL	150	144	149	145	145	174	179	172	175	175
	LINE	24	23	24	23	23	28	29	28	28	28
	UNCL	26	25	26	25	25	30	31	30	30	30
Country total/ Total pays		200	192	199	193	193	232	239	230	233	233
NOT ELSEW. IN. (NEI)	LL	5,181	4,037	4,500	4,369	4,557	26	43	44	338	197
	UNCL						57	57	57		
Country total/ Total pays		5,181	4,037	4,500	4,369	4,557	83	100	101	338	197

**7.4 NOMINAL CATCH BY SPECIES, COUNTRY, GEAR AND YEAR /
CAPTURES NOMINALES PAR ESPECE, PAYS, ENGIN ET ANNEE**

INDIAN OCEAN (All areas combined)

OCEAN INDIEN (Toutes les zones confondues)

Unit: tonnes

Unité: tonnes

Species/Espèce Country/Pays	Gear/Engin	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Catch by gear/ Captures par engin											
	GILL	2,249	1,986	2,358	2,530	3,110	7,881	8,713	9,491	13,170	11,337
	LINE	338	337	325	353	384	386	462	829	745	647
	LL	8,201	7,217	8,079	9,368	9,454	5,007	5,354	4,893	4,337	3,443
	PS									13	9
	UNCL	1,498	1,105	1,830	2,366	2,510	2,069	4,646	5,256	1,999	1,671
Species total/ Total espèce		12,286	10,645	12,592	14,617	15,458	15,343	19,175	20,469	20,264	17,107

Scombridae and Xiphoidei

(Others NEI / Autres NCA)

AUSTRALIA	BB										15
	GILL										3
	LINE								2		71
	UNCL										8
Country total/ Total pays									2		97
CHINA	LL						96	299	307	396	712
ERITREA	GILL						1				
FRANCE-MAYOTTE	LINE						100	166	180	257	66
HONDURAS-INDIA	LL	6	2	12	15						
INDIA	LL	105	116	153	206	115	111	22	62		
JAPAN	PS		36	348	64	5	7	10	17	2	11
KENYA	UNCL	45	45	45	45	45	45	45	45	45	45
KOREA REP	LL	391	138	215	240	332		326	7	1	
MAURITIUS	LL						6	3	10	5	86
PAKISTAN	GILL	1,092	881	36						1,500	4,610
PHILIPPINES	LL									78	9
SAUDI ARABIA	GILL						662	704	788	730	777
	LL						11	78	42	16	3
	PS								1	1	2
	UNCL	272	517	343	713	923	17	22	30	26	15
Country total/ Total pays		272	517	343	713	923	690	804	861	773	797
SEYCHELLES	LINE							1	6	7	17
Country total/ Total pays								1	6	7	17
SPAIN	LL				41	138	1	2	27	60	130
SRI LANKA	GILL		5								11
	LL				14	2	2				
Country total/ Total pays			5		14	2	2				11
NOT ELSEW. IN. (NEI)	LL	170	183	209	305	262	34	93	62	234	210
Catch by gear/ Captures par engin											
	BB										15
	GILL	1,092	886	36			663	704	2,288	2,325	5,398
	LINE						111	244	221	348	77
	LL	672	439	589	821	849	250	746	484	777	1,156
	PS		36	348	64	5	7	10	18	3	13
	UNCL	317	562	388	758	968	62	67	75	79	60
Species total/ Total espèce		2,081	1,923	1,361	1,643	1,822	1,093	1,771	3,086	3,547	6,704

**7.5 Nominal Catch by Country, Year, Gear, Area and Species/
*Captures Nominales par Pays, Année, Engin, Zone et Espèce***

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH		
AUSTRALIA																													
1990	(1)	BB EAST	314	11				257		46																			
	(1)	GILL EAST	7																										
	(1)	LINE EAST	409	3			51	38		10					207														
	(1)	LL EAST	1,065	66			1	998																					
	(1)	PS EAST	4,196					3,603		583																			
	(1)	UNCL EAST	18												4														
1991	(1)	BB EAST	104					104																					
	(1)	GILL EAST	10																										
	(1)	LINE EAST	621	1		35	14	57	1					3	380														
	(1)	LL EAST	1,235	22	3	59		1,147																					
	(1)	PS EAST	3,111					2,345		761				1	6														
	(1)	UNCL EAST	25			3		4						3	6														
1992	(1)	BB EAST	22			6				16																			
	(1)	GILL EAST	2																										
	(1)	LINE EAST	452				13	16						20	320														
	(1)	LL EAST	788	14	125	42		575						8															
	(1)	PS EAST	1,931			1		1,593		318				7	5														
	(1)	UNCL EAST	34																										
1993	(1)	BB EAST	8			8																							
	(1)	GILL EAST	1																										
	(1)	LINE EAST	534	4										5	441														
	(1)	LL EAST	1,470	87	475	93		621						1															
	(1)	PS EAST	1,580			2		1,531		29				10															
	(1)	UNCL EAST	25											3	4														
1994	(1)	BB EAST	68			14				50																			
	(1)	GILL EAST	10																										
	(1)	LINE EAST	644	5						1				17	6														
	(1)	LL EAST	1,536	642	142	113	2	480		2				10	501														
	(1)	PS EAST	3,175					2,019		1,151				5															
	(1)	UNCL EAST	28											17	6														
1995	(1)	BB EAST	1,296			3		828		465																			
	(1)	GILL EAST	2	1																									
	(1)	LINE EAST	541	18			1							13	439														
	(1)	LL EAST	797	244	84	24		371		1																			
	(1)	PS EAST	1,810					1,799																					
	(1)	UNCL EAST	23											10	5														
1996	(2)	BB EAST	1,678	1		1		1,457		210																			
	(2)	GILL EAST	2																										
	(2)	LINE EAST	588	2						2																			
	(2)	LL EAST	160	104	25	3		1																					
	(2)	PS EAST	3,274					3,274																					
	(2)	UNCL EAST	22											7	3														
1997	(2)	BB EAST	893							1				2															
	(2)	GILL EAST	4											4	619														
	(2)	LINE EAST	775	2																									
	(2)	LL EAST	536	303	57	23		80		1																			
	(2)	PS EAST	4,849					4,832		12																			
	(2)	UNCL EAST	18											1	3														
1998	(2)	BB EAST	3,154					896		2,243																			
	(2)	GILL EAST	5											1	1														

7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES CAPTURES NOMINALES PAR PAYS, ANNEE, ENGINE, ZONE ET ESPECE

Year	Gear	Area	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
Année	Engin	Zone																										

Data Sources/Origine des données

- (1) Reported by Liaison Officer / Communiqué par agent de liaison
 (2) Data from FAO databases / Données des bases de données FAO
 (3) Data from FAO databases. Gear and species assignment by IOTC / Données des bases de données FAO. Répartition par espèces et engin CTOI
 (4) Data from FAO databases. Gear allocation by IOTC / Données des bases de données FAO. Répartition par engins CTOI

CHINA																																
1995 (1)	LL	EAST	444	138	140																											
1996 (1)	LL	EAST	1,497	494	466																											
1997 (1)	LL	EAST	2,964	750	1,652																											
1998 (1)	LL	EAST	3,080	402	2,164																											
1999 (1)	LL	EAST	5,681	2,206	2,113	101																										
(1)	LL	WEST	294	129	69	88																										
Year/Année Total:			13,961	4,119	6,604	189																										

Data Sources/Origine des données

- (1) Reported by Liaison Officer / Communiqué par agent de liaison

TAIWAN, CHINA

1990 (1)	GILL	EAST	7,557	84	126	7,347																												
(1)	GILL	WEST	13,841	4	42	13,795																												
(1)	LL	EAST	11,198	3,387	5,942	524																												
(1)	LL	WEST	53,527	28,163	14,805	5,232																												
1991 (1)	GILL	EAST	5,038	6	55	4,977																												
(1)	GILL	WEST	4,086	62	4,024																													
(1)	LL	EAST	16,693	3,037	5,518	6,485																												
(1)	LL	WEST	65,975	27,670	23,440	6,617																												
1992 (1)	GILL	EAST	740	1	8	731																												
(1)	GILL	WEST	600	9	591																													
(1)	LL	EAST	19,525	4,642	4,116	8,279																												
(1)	LL	WEST	87,135	51,345	19,891	2,824																												
1993 (1)	LL	EAST	18,747	3,777	9,263	2,456																												
(1)	LL	WEST	146,897	84,249	30,279	9,434																												
1994 (1)	LL	EAST	27,491	7,195	10,887	6,003																												
(1)	LL	WEST	67,360	26,789	16,845	8,404																												
1995 (1)	LL	EAST	21,548	2,596	8,686	6,484																												
(1)	LL	WEST	75,066	20,473	23,959	7,725																												
1996 (1)	LL	EAST	24,393	3,050	9,831	5,438																												
(1)	LL	WEST	75,084	24,800	19,989	11,492																												
1997 (1)	LL	EAST	19,637	1,837	8,195	3,041																												
(1)	LL	WEST	72,558	16,537	25,950	12,163																												
1998 (1)	LL	EAST	26,838	5,152	8,734	5,393																												
(1)	LL	WEST	83,241	18,264	30,964	16,179																												
1999 (1)	LL	EAST	24,894	4,245	10,757	3,377																												
(1)	LL	WEST	74,254	13,441	26,336	19,137																												
Year/Année Total:			1,043,923	350,744	314,689	178,152	117	7,847																										

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
TAIWAN, CHINA-NEI																												
1990	(1)	LL	EAST	17,744	10,965	4,643	476	918																				742
1991	(1)	LL	EAST	18,177	11,233	4,756	488	940																				760
1992	(1)	LL	EAST	21,927	13,550	5,738	588	1,134																				917
1993	(1)	LL	EAST	25,292	15,630	6,618	678	1,308																				1,058
1994	(1)	LL	EAST	23,006	13,952	6,905	384	949																				816
1995	(1)	LL	EAST	42,603	24,443	15,078	945	196																				1,941
1996	(1)	LL	EAST	41,717	19,040	18,196	1,576	206																				2,699
1997	(1)	LL	EAST	36,170	16,511	13,880	2,882																					2,897
1998	(1)	LL	EAST	36,262	16,504	13,942	2,996																					2,820
1999	(1)	LL	EAST	28,148	12,811	10,823	2,325																					2,189
Year/Année Total:				291,046	154,639	100,579	13,338	5,651																				16,839

Data Sources/Origine des données

(1) Published data / Données publiées

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH		
COMOROS																													
1990	(1)	LINE	WEST	9,284	3,321	29			100	3,800				678					678										214
1991	(1)	LINE	WEST	9,384	3,321	29			200	3,800				678					678										214
1992	(2)	LINE	WEST	7,802	4,740	27			200	1,847				432					229										115
	(3)	UNCL	WEST	5	2									2					1										
1993	(2)	LINE	WEST	7,782	4,740	27			180	1,847				432					229										115
	(3)	UNCL	WEST	5	2									2					1										
1994	(2)	LINE	WEST	9,171	5,607	32			180	2,185				511					270										136
	(3)	UNCL	WEST	5	2									2					1										
1995	(4)	LINE	WEST	9,171	5,607	32			180	2,185				511					270										136
	(4)	UNCL	WEST	5	2									2					1										
1996	(2)	LINE	WEST	9,025	5,518	30			170	2,150				508					289										130
	(2)	UNCL	WEST	5	2									2					1										
1997	(2)	LINE	WEST	8,675	5,308	30			160	2,070				488					259										120
	(2)	UNCL	WEST	5	2									2					1										
1998	(2)	LINE	WEST	8,675	5,308	30			160	2,070				488					259										120
	(2)	UNCL	WEST	5	2									2					1										
1999	(5)	LINE	WEST	8,375	5,198	30			150	2,000				448					249										100
	(5)	UNCL	WEST	5	2									2					1										
Year/Année Total:				87,384	48,684	296			1,680	23,954				5,190				3,398										1,400	

(1) Estimated by IOTC / Estimation CTOI

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH
1998 (1)	PS	WEST	48,722	18,983	3,848	460				25,431								57					6	4	4	30	
1999 (1)	LINE	WEST	562	298	3	53		22		89													12	5	1,926	79	
(1)	LL	WEST	2,772	236	210	304																					
(1)	PS	EAST	1,652	791	192					669																	
(1)	PS	WEST	80,484	29,963	8,334	154				42,033								473					77	11	8,788	736	
Year/Année Total:			860,587	367,477	61,537	6,705		179	414,566	38																	

<i>Data Sources/Origine des données</i>																												
: (1) Reported by Liaison Officer / Communiqué par agent de liaison																												
: (2) Estimated by IOTC / Estimation CTOI																												
FRANCE-MAYOTTE																												
1995 (1)	LINE	WEST	333											233														100
1996 (1)	LINE	WEST	553											387														166
1997 (2)	LINE	WEST	601											421														180
1998 (2)	LINE	WEST	655											398														257
(2)	LL	WEST	985	194	14	113								524				1				4		622	37		66	
1999 (2)	LINE	WEST	590															2				1		314	10			
(2)	LL	WEST	521		109	86												3				5		935	47		769	
Year/Année Total:			4,238	194	123	199				1,963																		

<i>Data Sources/Origine des données</i>																													
: (1) Reported by L.O. Species assignment by IOTC / Communiqué par AL. Répartition par espèces CTOI																													
: (2) Reported by Liaison Officer / Communiqué par agent de liaison																													
HONDURAS-INDIA																													
1990 (1)	LL	WEST	402	69	58	205																							6
1991 (1)	LL	WEST	409	90	52	178																							2
1992 (2)	LL	WEST	547	94	53	222														4					109			12	
1993 (2)	LL	EAST	1,558	806	71																								681
(2)	LL	WEST	2,276	1,665	52	377				4																			15
1994 (1)	LL	EAST	2,413	1,286																									
(1)	LL	WEST	620	259	190																								497
1995 (1)	LL	EAST	2,178	1,268	26					6																			550
(1)	LL	WEST	1,073	625	13					3																			191
Year/Année Total:			11,476	6,162	515	982				13										4	131	17	258	1,343	2,016	35			

Data Sources/Origine des données

: (1) Reported by foreign research institutions / Communiqué par centres de recherche étrangers
: (2) Estimated by IOTC / Estimation CTOI

INDIA

1990 (1)	LL	EAST	77	10																									10
(1)	LL	WEST	65	7																									48
(2)	UNCL	EAST	8,074					1,090																					23
(2)	UNCL	WEST	73,813				880	31,675																					995
1991 (1)	LL	EAST	44	12																									4
(1)	LL	WEST	140	37																									15

7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
1991 (1)	UNCL	EAST	9819				23		1,205	16			4	66	2,586	5,878	7		16							18		
(1)	UNCL	WEST	64,375				3,704		16,419	4,629			5,403	4,457	14,208	14,161	39	529	53							773		
1992 (1)	LL	EAST	105	23																						8	74	
(1)	LL	WEST	112	17																						16	79	
(1)	UNCL	EAST	13,579						633	97			3	544	3,748	7,164	1,013		19							358		
(1)	UNCL	WEST	78,401				2,487		22,758	4,762			7,892	8,122	20,830	10,330	14	10	50							1,146		
1993 (1)	LL	EAST	49	10	27																					5	7	
(1)	LL	WEST	1,300	218	839																					44	199	
(1)	UNCL	EAST	12,760						1,208	48			8	309	3,116	7,467	5	1	18							580		
(1)	UNCL	WEST	71,031				4,324		17,989	4,940			3,968	7,389	16,903	14,163	74		51							1,230		
1994 (1)	LL	EAST	58	16	34																					4	4	
(1)	LL	WEST	1,473	169	1,042																					151	111	
(1)	UNCL	EAST	10,899				36		1,022	295			23	143	3,878	4,988	15		203							296		
(1)	UNCL	WEST	78,321				4,917		14,683	8,959			12,440	3,019	20,746	11,367	31		733							1,426		
1995 (1)	LL	EAST	59	17	34																					4	4	
(1)	LL	WEST	1,477	177	1,042																					151	107	
(1)	UNCL	EAST	11,905				51		1,222	191			11	243	4,502	5,238	28		181							238		
(1)	UNCL	WEST	79,585				6,985		17,559	6,386			5,906	4,844	24,085	11,936	59	5	670							1,150		
1996 (1)	LL	EAST	19	15																						2	1	1
(1)	LL	WEST	307	157						6															60	50	21	
(1)	UNCL	EAST	25,574	1,424			848		2,941	1,362			2,213	9,378	4,824	4,824	37	9	463							2,075		
(1)	UNCL	WEST	61,084	5,731			3,415		11,837	5,482			8,906	15,235	7,838	7,838	59	14	753							1,814		
1997 (1)	LL	EAST	18	13																						2	1	2
(1)	LL	WEST	328	141						6																56	53	60
(1)	UNCL	EAST	27,766	786			1,059		4,662	1,212			2,102	8,900	5,050	5,050	343	8	1,271							2,373		
(1)	UNCL	WEST	66,907	3,166			4,263		18,763	4,878			8,462	14,460	8,205	8,205	558	13	2,064							2,075		
1998 (4)	GILL	EAST	17,271	392			538		1,750	117			869	6,976	4,891	4,891	23	5								1,013		
(4)	GILL	WEST	37,776	1,577			2,165		7,042	473			3,500	2,806	11,335	7,946	38	8								886		
(4)	LINE	EAST	2,519	57			78		255	17			127	102	1,018	713	3	1								148		
(4)	LINE	WEST	5,510	230			316		1,027	69			511	409	1,653	1,159	6	1								129		
(8)	LL	EAST	243	157	4																					25	43	
(4)	PS	EAST	121	3			4		12	1			6	5	49	34										7		
(4)	PS	WEST	266	11			15		50	3			25	20	80	56										6		
(4)	UNCL	EAST	10,442	237			325		1,058	71			526	421	4,217	2,957	14	3								613		
(4)	UNCL	WEST	22,839	954			1,309		4,257	286			2,116	1,696	6,853	4,804	23	5								536		
1999 (8)	GILL	EAST	14,302	97			293		2,533						5,096	3,573	17	4								740		
(8)	GILL	WEST	33,789	762			1,522		10,463				190	8,280	5,804	5,804	28	6								647		
(8)	LINE	EAST	5,455	333					1,748						744	521	2	1								108		
(8)	LINE	WEST	9,683	151			753		3,012						1,207	847	4	1								94		
(8)	LL	EAST	141	96																						15	21	
(8)	PS	EAST	66																							5		
(8)	PS	WEST	8,622	634					1,189	5,707					58	41										4		
(8)	UNCL	EAST	6,817						603						3,081	2,160	10	2								447		
(8)	UNCL	WEST	13,288						2,093						5,006	3,509	17	4								391		
Year/Année Total:			888,874	17,837	3,022		40,310		202,758	55,804		1,371	72,633	40,639	234,185	170,824	2,470	631	6,545					48	160	22,935	890	

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH			
Data Sources/Origine des données																														
1	(1)		Reported by LO. Area allocation by IOTC / Communiqué par AL. Répartition par zone CTOI																											
1	(2)		Published data. Gear and Species assignment by IOTC / Données publiées. Répartition par espèces et engin CTOI																											
1	(3)		Reported by Liaison Officer / Communiqué par agent de liaison																											
1	(4)		Fisheries Statistical Bulletin. Gear and species assignment by IOTC / Bulletin Statistique des Pêcheries. Répartition par espèces et engin CTOI																											
1	(5)		Reported by LO. Gear allocation by IOTC / Communiqué par AL. Répartition par engins CTOI																											
1	(6)		Estimated by IOTC / Estimation CTOI																											
INDONESIA																														
1990	(1)	GILL EAST	2,148	178					20	1,743			40					2		233	48	29	63			119		167		
	(2)	LL EAST	8,222	3,520	3,635	313	261																							
	(1)	PS EAST	4,069	270						996																				
	(1)	UNCL EAST	44,536	66					66	11,974			1,771																	
1991	(1)	GILL EAST	3,469	288					32	2,615			64															270		
	(1)	LL EAST	8,612	4,182	3,522	246	312																							
	(1)	PS EAST	2,289	603																										
	(1)	UNCL EAST	54,274	117					100	11,465			3,034																	
1992	(1)	GILL EAST	3,469	288					32	2,615			64																270	
	(2)	LL EAST	14,900	7,099	5,930	409	529																							
	(1)	PS EAST	4,887	293																										
	(1)	UNCL EAST	45,742	117					101	12,763			3,035																	
1993	(2)	GILL EAST	3,489	221					25	2,987			49																207	
	(2)	LL EAST	21,177	13,122	5,566	591	1,070																							
	(2)	PS EAST	3,662	342																										
	(2)	UNCL EAST	56,400	88					78	14,665			2,297																	
1994	(2)	GILL EAST	3,966	221					25	3,464			49																207	
	(2)	LL EAST	28,621	17,331	8,577	495	1,261																							
	(2)	PS EAST	3,874	342																										
	(2)	UNCL EAST	53,755	88					78	17,007			2,297																	
1995	(2)	GILL EAST	3,593	221					25	3,091			49																207	
	(2)	LL EAST	32,316	17,953	11,074	719	1,223																							
	(2)	PS EAST	3,709	342																										
	(2)	UNCL EAST	58,151	88					78	15,179			2,297																	
1996	(2)	GILL EAST	4,825	221					25	4,323			49																207	
	(2)	LL EAST	61,229	26,457	25,285	2,271	3,354																							
	(2)	PS EAST	4,257	342																										
	(2)	UNCL EAST	68,357	88					78	21,228			2,297																	
1997	(2)	GILL EAST	6,089	221					25	5,587			49																207	
	(2)	LL EAST	73,797	31,445	26,433	5,691	5,020																							
	(2)	PS EAST	4,819	342																										
	(2)	UNCL EAST	72,221	88					78	27,434			2,297																	
1998	(2)	GILL EAST	5,374	221					25	4,872			49																207	
	(2)	LL EAST	57,372	24,312	20,539	4,575	4,022																							
	(2)	PS EAST	4,500	342																										
	(2)	UNCL EAST	71,517	88					78	23,920			2,297																	
1999	(2)	GILL EAST	5,612	221					25	5,110			49																207	
	(2)	LL EAST	81,379	34,486	29,133	6,490	5,706																							
	(2)	PS EAST	4,606	342																										
	(2)	UNCL EAST	73,970	88					78	25,089			2,297																	
Year/Année Total:			1,069,454	186,666	139,684	21,800	22,757	1,071	233,897				24,434	216,685	115,617	80,990				11,193	2,302	1,396	2,955			5,767	2,157			

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGINE, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH			
IRAN I R																														
1990	(1)	GILL WEST	24,411	2,280		14,924		696	808				70		3,380	2,253														
1991	(1)	GILL WEST	26,448	3,238		14,552		660	1,148				480		3,720	2,480							170							
1992	(1)	GILL WEST	32,891	12,104		9,758		722	4,291				300		3,328	2,218							170							
	(1)	LL WEST	380	380																										
	(1)	PS WEST	2,081	2,081																										
1993	(1)	GILL WEST	32,002	13,300		8,150		518	4,353				436		2,869	1,636							740							
	(1)	LL WEST	4,980	4,980																										
	(1)	PS WEST	3,356	3,356																										
1994	(1)	GILL WEST	46,402	19,450		11,540		2,084	7,399				176		3,112	1,556							1,085							
	(1)	LINE WEST	883			560		16	1				24		188	94														
	(1)	LL WEST	4,980	4,980																										
	(1)	PS WEST	2,732	2,732																										
1995	(1)	GILL WEST	79,269	22,495		27,188		3,911	1,133				4,438		11,067	5,418							3,619							
	(1)	LL WEST	380	380																										
	(1)	PS WEST	4,300	4,300																										
1996	(1)	GILL WEST	64,000	28,465		16,475		5,665	2,450				740		3,560	4,340							2,305							
	(2)	LL WEST	192	161	18																			1						
	(2)	PS EAST	2	2						2														3						
	(2)	PS WEST	3,232	1,607	135	672			789				15		4															
1997	(1)	GILL WEST	62,843	19,145		19,360		8,451	5,000				541		4,290	4,129							1,927							
	(1)	LL WEST	192	161	18																			1						
	(1)	PS EAST	6	2	1					3																				
	(1)	PS WEST	3,931	1,942	243	752			970				3		5															
1998	(4)	GILL WEST	59,097	18,004		18,206		7,947	4,702				509		4,034	3,883							1,812							
	(3)	LL WEST	291	244	28																			1						
	(3)	PS EAST	449	197	95				157																					
	(3)	PS WEST	6,685	3,085	282	1,488			1,812																					
1999	(1)	GILL WEST	82,213	24,296		21,330		10,858	13,861				590		4,609	3,476							3,193							
	(3)	LL WEST	36	30	3																									
	(3)	PS WEST	7,991	2,545	589	2,135			2,722																					
Year/Année Total:			556,655	195,940	1,412	35	167,090	41,528	51,601	590	590	7,732	18	44,157	31,483	33	15,024	33	15,024	33	15,024	33	15,024	33	15,024	33	15,024	33	15,024	33

Data Sources/Origine des données

- (1) Reported by Liaison Officer / Communiqué par agent de liaison
- (2) Estimated by IOTC / Estimation CTOI
- (3) Reported by LO. Species assignment by IOTC / Communiqué par AL. Répartition par espèces CTOI
- (4) Data from FAO databases. Gear and species assignment by IOTC / Données des bases de données FAO. Répartition par espèces et engin CTOI

ISRAEL

1992 (1) UNCL WEST 36

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
JAPAN																												
1990	(1)	LL EAST	11,813	2,632	3,716	794		3,901		2											259	75	97	14		323		
(1)		LL WEST	10,754	3,560	5,593	272		437		1											247	41	52	21		530		
(1)		PS WEST	14,996	2,973	1,105					10,918																		
1991	(1)	LL EAST	6,304	879	2,846	392		2,008		1											72	29	47	3		28		
(1)		LL WEST	8,843	2,988	4,294	438		467		1											155	25	105	8		362		
(1)		PS EAST	65	8	2					55																		
(1)		PS WEST	22,171	5,046	1,267					15,822											42	19	82	4		112		36
1992	(1)	LL EAST	4,248	544	1,614	208		1,623													250	50	98	11		1,039		
(1)		LL WEST	10,077	3,299	3,172	832		1,326																				
(1)		PS EAST	165	45						120																		
(1)		PS WEST	45,295	11,837	1,757					31,353											56	18	34	2		368		348
1993	(1)	LL EAST	7,027	408	4,311	512		1,318													188	32	59	6		514		
(1)		LL WEST	7,255	2,969	2,600	383		504																				
(1)		PS EAST	3,406	882	343					2,171																		
(1)		PS WEST	40,872	10,064	1,616	647		1,805		29,138											97	20	58	3		360		10
1994	(2)	LL EAST	10,755	743	7,022	647		715													500	47	136			989		54
(2)		LL WEST	17,010	6,222	7,521	840				9																		
(1)		PS EAST	19,905	3,645	3,028					13,232																		
(1)		PS WEST	9,707	1,694	1,150					6,868											173	55	99	14		699		5
1995	(2)	LL EAST	14,731	1,679	8,793	1,169		2,035		1											252	46	123	25		976		
(2)		LL WEST	16,760	6,275	7,069	874		1,110		8																		
(1)		PS EAST	23,468	4,515	3,416					15,530																		
(1)		PS WEST	967	236	184					547											125	28	134	4		767		
1996	(2)	LL EAST	13,963	1,329	7,826	1,137		2,604		5											457	41	147	20		1,302		
(2)		LL WEST	23,155	10,683	7,514	1,251		1,732		2																		
(1)		PS EAST	11,660	3,788	1,254					6,628																		
(1)		PS WEST	622	149	76					397											196	39	133	7		891		
1997	(2)	LL EAST	13,433	1,504	7,458	1,183		2,014		3											966	72	215	135		1,484		
(2)		LL WEST	28,059	11,962	8,984	1,687		2,544		4,452																		
(1)		PS EAST	7,282	1,856	957					2,261																		
(1)		PS WEST	3,311	756	294					2											161	36	86	19		469		
1998	(2)	LL EAST	11,321	1,238	5,493	532		3,283		2											1,004	117	172	104		1,407		
(2)		LL WEST	29,661	13,523	10,251	2,038		1,030		2																		
(1)		PS EAST	8,264	1,843	881					5,538																		
(1)		PS WEST	350	106	34					210											333	82	175	36		638		
1999	(2)	LL EAST	16,828	3,241	7,937	916		3,449		1											525	101	142	96		721		
(2)		LL WEST	20,849	10,742	6,449	1,298		713		3																		
(1)		PS EAST	6,316	1,426	823					4,056																		
(1)		PS WEST	683	75	76					532											6,058	973	2,194	529		14,009		
Year/Année Total:			502,351	137,324	138,726	17,403		34,618		149,858											6,058	973	2,194	529		14,009		500

(1) Data from FAO databases / Données des bases de données FAO

Data Sources/Origine des données

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
1996	(4)	PS EAST	5,664				1,726		4,026																			112
	(4)	UNCL EAST	1,176				7		7																			1,162
1997	(5)	GILL EAST	2,647				321		102																			2,224
	(5)	LINE EAST	37				3		3																			31
	(5)	PS EAST	6,102				1,794		4,185																			123
	(5)	UNCL EAST	1,293				7		7																			1,274
1998	(5)	GILL EAST	3,576				469		149																			2,958
	(5)	LINE EAST	49				4		4																			41
	(5)	PS EAST	8,907				2,623		6,120																			164
	(5)	UNCL EAST	1,714				10		10																			1,694
1999	(6)	GILL EAST	1,648				459		146																			1,043
	(6)	LINE EAST	2																									2
	(6)	PS EAST	7,951				2,330		5,435																			186
	(6)	UNCL EAST	2,312				35		35																			2,242
		Year/Année Total:	102,056				19,936		40,463																			41,645

Data Sources/Origine des données

- 1 (1) Reported by Liaison Officer / Communiqué par agent de liaison
1 (2) Fisheries Statistical Bulletin. Species assignment by IOTC / Bulletin Statistique des Pêcheries. Répartition par espèces CTOI
1 (3) Data from FAO databases. Gear and species assignment by IOTC / Données des bases de données FAO. Répartition par espèces et engin CTOI
1 (4) Data from FAO databases. Gear allocation by IOTC / Données des bases de données FAO. Répartition par engins CTOI
1 (5) Fisheries Statistical Bulletin. Gear and species assignment by IOTC / Bulletin Statistique des Pêcheries. Répartition par espèces et engin CTOI
1 (6) Reported by LO. Species assignment by IOTC / Communiqué par AL. Répartition par espèces CTOI

MALDIVES

1990	(1)	BB WEST	69,910	4,921	294				982	60,711	3,002																						
	(1)	LINE WEST	2,314	217					1,044	715	338																						
	(1)	LL WEST	2						1		1																						
	(1)	UNCL WEST	15	1					9		5																						
1991	(1)	BB WEST	68,925	7,028	484				819	58,326	2,269																						
	(1)	LINE WEST	1,911	198					841	566	306																						
	(1)	LL WEST																															
	(1)	UNCL WEST	32	1					17	7	7																						
1992	(1)	BB WEST	70,390	8,029	388				1,261	57,609	3,103																						
	(1)	LINE WEST	2,688	278					1,179	953	277																						
	(1)	LL WEST	8	2					2	4	1																						
	(1)	UNCL WEST	28						8	11	8																						
1993	(1)	BB WEST	74,388	9,275	505				1,651	57,978	4,978																						
	(1)	LINE WEST	3,425	326					1,876	754	469																						
	(1)	LL WEST	49	1					41	6	2																						
	(1)	UNCL WEST	13	2					2	3	6																						
1994	(1)	BB WEST	87,079	12,383	506				1,713	68,732	3,745																						
	(1)	LINE WEST	1,844	221					912	453	258																						
	(1)	LL WEST	31						31																								
	(1)	UNCL WEST	257	17					225	15	15																						
1995	(1)	BB WEST	87,520	11,768	473				1,715	69,897	3,667																						
	(1)	LINE WEST	1,984	263					976	475	270																						
	(1)	LL WEST	4						3	1	1																						
	(1)	UNCL WEST	11,500	630					2,596	66,174	6,073																						
1996	(1)	BB WEST	86,973	11,500	630				1,076	312	370																						
	(1)	LINE WEST	2,049	291					115	14	40																						
	(1)	LL WEST	188	19																													

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year	Gear	Area	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
Année	Engin	Zone																										
1992	(1)	GILL WEST	27,681	3,913		5,807		1,468	6,113			21			8,379					5						1,939	36	
	(2)	LL WEST	20,940	19,481																				998		461		
1993	(1)	GILL WEST	26,095	2,629		4,467		1,467	6,918			7			8,432											2,175		
	(1)	LL WEST	28,989	28,188																				731		70		
1994	(1)	GILL WEST	28,034	2,426		5,807		1,716	8,134			36			7,157											2,758		
	(2)	LL WEST	3,207	2,178																				855		174		
1995	(3)	GILL WEST	26,970	2,110		5,006		1,449	7,089			36			8,618											2,662		
	(2)	LL WEST	3,962	3,030																				910		22		
1996	(4)	GILL WEST	28,191	2,766		4,121		2,351	4,140			49		1,990	10,108											2,686		
	(4)	LL WEST	3,632	2,484																				980		168		
1997	(1)	GILL WEST	31,871	3,705		5,360		2,571	4,480			54			12,009											2,192	1,500	
	(1)	LL WEST	180	133																			41		6			
1998	(1)	GILL WEST	32,071	3,657		5,220		2,684	4,372			56			12,232											2,258	1,592	
	(1)	LL WEST	189	138																				45		6		
1999	(1)	GILL WEST	40,310	8,747		5,600		2,715	4,505			59			11,734											2,340	4,610	
	(1)	LL WEST	183	137																				46				
Year/Année Total:			366,561	95,358		53,379		20,026	60,725			318		1,990	90,959					4,303				5,967		23,825	9,711	

Data Sources/Origine des données

(1) Reported by Liaison Officer / Communiqué par agent de liaison
(2) Data from FAO databases / Données des bases de données FAO
(3) Estimated by IOTC / Estimation CTOI
(4) Data from FAO databases: Gear allocation by IOTC / Données des bases de données FAO. Répartition par engins CTOI

PHILIPPINES

1998	(1)	LL EAST	3,106	612	1,453	501														69		121				272	78	
	(1)	LL WEST	109	11	98																114		54			325	9	
1999	(1)	LL EAST	3,071	608	1,771	190																						
	(1)	LL WEST	131	11	120																							
Year/Année Total:			6,417	1,242	3,442	691															183		175			597	87	

Data Sources/Origine des données

(1) Reported by Liaison Officer / Communiqué par agent de liaison

PORTUGAL

1998	(1)	LL WEST	110																									
1999	(1)	LL WEST	239																									
Year/Année Total:			349																									

Data Sources/Origine des données

(1) Data from FAO databases: Gear allocation by IOTC / Données des bases de données FAO. Répartition par engins CTOI

QATAR

1990	(1)	GILL WEST	562																									
1991	(1)	GILL WEST	716																									
1992	(1)	GILL WEST	766																									

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year	Gear	Area	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH
Année	Engin	Zone																									
1993 (1)	GILL	WEST	636												636												
1994 (1)	GILL	WEST	406												406												
1995 (1)	GILL	WEST	255												255												
1996 (2)	GILL	WEST	307												307												
1997 (2)	GILL	WEST	411												411												
1998 (2)	GILL	WEST	552												552												
1999 (2)	GILL	WEST	496												496												
Year/Année Total:			5,107												5,107												

Data Sources/Origine des données

(1) Data from FAO databases. Gear allocation by IOTC / Données des bases de données FAO. Répartition par engins CTOI
(2) Reported by Liaison Officer / Communiqué par agent de liaison

SAUDI ARABIA

1990 (1)	UNCL	WEST	8,934												8,662													272
1991 (1)	UNCL	WEST	9,285												8,768													517
1992 (1)	UNCL	WEST	10,215												9,872													343
1993 (1)	UNCL	WEST	11,087												10,374													713
1994 (1)	UNCL	WEST	11,774												10,851													923
1995 (1)	GILL	WEST	6,091				52								5,305													662
(1)	LINE	WEST	1,153				182								913													11
(1)	UNCL	WEST	143												124													17
1996 (1)	GILL	WEST	5,031				96								4,154													704
(1)	LINE	WEST	1,060				15								883													78
(1)	UNCL	WEST	266				4								239													22
1997 (1)	GILL	WEST	2,776				2								1,858	84												788
(1)	LINE	WEST	1,697				23								1,434	28												41
(1)	LL	WEST	9												8													1
(1)	PS	WEST	3												2													1
(1)	UNCL	WEST	2,407				76								2,209	2												30
1998 (1)	GILL	WEST	3,066				1								1,988	274												730
(1)	LINE	WEST	1,274				10								1,129	20												16
(1)	LL	WEST	19												19													
(1)	PS	WEST	2												1													1
(1)	UNCL	WEST	3,949				170								3,585	6												26
1999 (1)	GILL	WEST	2,400				9								1,290	260												777
(1)	LINE	WEST	1,280				14								1,142	36												3
(1)	LL	WEST	1												1													
(1)	PS	WEST	19												17													2
(1)	UNCL	WEST	3,825				113								3,582	7												15
Year/Année Total:			87,766				767								78,410	717											6,693	

Data Sources/Origine des données

(1) Reported by Liaison Officer / Communiqué par agent de liaison

SEYCHELLES

1990 (1)	LINE	WEST	232	15																								23
1991 (1)	LINE	WEST	328	10																								13

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH		
1991	(1)	PS WEST	2,218	362	20			261	1,836					19				3											
1992	(1)	LINE WEST	294	4					643																				
	(1)	PS WEST	875	221	11																								
	(1)	UNCL WEST	1					1																					
1993	(1)	LINE WEST	173					163						10															
1994	(1)	LINE WEST	186					170						14														2	
	(1)	LL WEST	15											15															
1995	(2)	LINE WEST	142					125						7				10											
	(1)	LL WEST	34	5	5																				22			2	
1996	(2)	LINE WEST	210	21	21			93																					
	(1)	LL WEST	248	46	54																								75
1997	(2)	LINE WEST	255	29	18			97																					1
	(1)	LL WEST	376	77	47																								141
	(1)	PS EAST	1,049	726	78				245																				5
	(1)	PS WEST	7,534	2,044	788				4,702																				14
1998	(1)	LINE WEST	54					41						5															97
	(1)	LL WEST	333	46	59																								14
	(1)	PS EAST	3,785	1,599	590				1,596																				4
	(1)	PS WEST	16,534	5,808	1,433	183			9,110																				8
1999	(1)	LINE WEST	184	3				158						11															286
	(1)	LL WEST	522	95	88																								7
	(1)	PS WEST	28,658	9,807	2,973	17			15,861																				9
Year/Année Total:			64,240	20,918	6,185	200		1,590	33,993					87				32		9	2	1	71		992	129	31		

Data Sources/Origine des données

- ⚡ (1) Reported by Liaison Officer / Communiqué par agent de liaison
- ⚡ (2) Estimated by IOTC / Estimation CTOI
- ⚡ (3) Repetition of previous years data / Données répétées des années précédentes

SOVIET UNION

1990	(1)	PS WEST	6,769	2,428	223	2			3,932				21	163																
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**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGINE, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH
1992	(1)	LINE EAST	1,457	3	148			446	36	610	318				18		1	4		20			1				
	(1)	LL EAST	808	459								5					1			102	8		19		24	48	
	(1)	PS EAST	655		148			56	137	583																	
	(1)	BB EAST	137																								
1993	(1)	GILL EAST	48,857	10,427	14		11	244	24,059	2,717	156				123	6	2	382		1,868	2,612	8	1,727		4,498	3	
	(1)	LINE EAST	1,353	46	14		1	165	290	302	315				40			50		52			92		162	249	14
	(1)	LL EAST	3,004	1,138	995				295									1		111			39				
	(1)	PS EAST	557	1				3	16	521												14			2		
	(1)	UNCL EAST	39	4					35																		
1994	(1)	BB EAST	4						4																		
	(1)	GILL EAST	51,249	11,069	147		57	1,531	21,504	2,446	634				191	51		257		6,537	46		4,615		2,164		
	(1)	LINE EAST	196	11				15	21	103	2				11			10				23					
	(1)	LL EAST	2,358	852	865				9						1			1		37					243	347	2
	(1)	PS EAST	22	7						22																	
	(1)	UNCL EAST	51						10	19										15							
1995	(1)	BB EAST	4						4																		
	(1)	GILL EAST	44,025	7,831	1,243			2,066	18,249	2,974	881				187			123					3,318		2,315	4,838	
	(1)	LINE EAST	207	8				20	18	125	3				11			5		37			17		243	347	2
	(2)	LL EAST	2,358	852	865				9						1			1									
	(1)	UNCL EAST	47	5					8	23																	
1996	(1)	BB EAST	4						4																		
	(1)	GILL EAST	57,494	12,664	301			2,240	22,718	3,947	1,187				772			123					5,332		2,549	5,661	
	(1)	LINE EAST	305	13				22	22	166	4				45			5				28			42	1	
	(1)	LL EAST	544	204	190																						
	(1)	UNCL EAST	61	8					10	30																	
1997	(2)	BB EAST	5						5																		
	(2)	GILL EAST	70,282	15,481	368			2,738	27,771	4,825	1,451				944			150					6,518		3,116	6,920	
	(2)	LINE EAST	373	16				27	27	203	5				55			6				34			51	1	
	(2)	LL EAST	664	249	232																						
	(2)	UNCL EAST	75	10					12	37																	
1998	(2)	BB EAST	6						6																		
	(2)	GILL EAST	87,657	19,308	459			3,415	34,636	6,018	1,810				1,177			188					8,129		3,886	8,631	
	(2)	LINE EAST	467	20				34	34	253	6				69			8				43			64	2	
	(2)	LL EAST	830	311	290																						
	(2)	UNCL EAST	93	12				104		15	46																
1999	(4)	BB EAST	7						7																		
	(4)	GILL EAST	102,074	27,139	124			2,127	51,877	2,678	481				776			479					6,929		2,057	7,228	11
	(4)	LINE EAST	543	23				40	39	295	7				80			9					50				
	(4)	LL EAST	967	362	338																						
	(4)	UNCL EAST	108	14					17	54																	
Year/Année Total:			626,097	138,564	6,724		77	376	20,083	279,964	38,598	8,624			5,527	61	33	2,288	168	20,046	5,313	39	41,374		23,841	34,363	34

Data Sources/Origine des données

- 1 (1) Reported by Liaison Officer / Communiqué par agent de liaison
- 1 (2) Repetition of previous years data / Données répétées des années précédentes
- 1 (3) Data from FAO databases. Gear and species assignment by IOTC / Données des bases de données FAO. Répartition par espèces et engin CTOI
- 1 (4) Estimated by IOTC / Estimation CTOI

TANZANIA

1990	(1)	UNCL WEST	3,785								1,211																	454
1991	(1)	UNCL WEST	2,492								823																	288

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH
1992 (1)	UNCL	WEST	2,600											800					1,500							300	
1993 (1)	UNCL	WEST	1,663				63		365		65			538					594							531	
1994 (2)	UNCL	WEST	2,306				964		4,137		742			1,002					544							760	
1995 (2)	UNCL	WEST	1,930				12		342		193			670					680							580	
1996 (2)	UNCL	WEST	2,179				342		575		65			757					766							656	
1997 (2)	UNCL	WEST	2,300				5,212		6,522		742			850					750							700	
1998 (2)	UNCL	WEST	2,200				66		540		193			650					650							800	
1999 (2)	UNCL	WEST	2,280	350			132		7,157		89			500					750							780	
Year/Année Total:			23,735	350			2,011		7,157		1,008			7,801					9,735							5,849	

Data Sources/Origine des données

- 1 (1) Data from FAO databases / Données des bases de données FAO
- 1 (2) Estimated by IOTC / Estimation CTO
- 1 (3) Reported by Liaison Officer / Communiqué par agent de liaison

THAILAND

1990 (1)	GILL	EAST	1,243				63		365		65								750									
(1)	PS	EAST	7,158				964		4,137		742								1,315									
(1)	UNCL	EAST	1,449				12		342		193								902									
1991 (1)	GILL	EAST	1,702				342		575		65								720									
(1)	PS	EAST	13,738				5,212		6,522		742								1,262									
(1)	UNCL	EAST	1,665				66		540		193								866									
1992 (1)	GILL	EAST	1,841				132		7,157		89								989									
(1)	PS	EAST	11,909				2,011		7,157		1,008								1,733									
(1)	UNCL	EAST	2,070				26		592		263								1,189									
1993 (1)	GILL	EAST	3,626				1,282		1,280		180								884									
(1)	PS	EAST	37,550				19,425		14,521		2,054								1,550									
(1)	UNCL	EAST	3,045				243		1,202		536								1,064									
1994 (2)	GILL	EAST	4,850				1,999		1,065		150								1,636									
(2)	PS	EAST	47,038				30,384		12,081		1,705								2,868									
(2)	UNCL	EAST	3,793				379		1,000		445								1,969									
1995 (1)	GILL	EAST	5,341				1,142		1,957		276								1,966									
(1)	PS	EAST	46,139				17,350		22,200		3,141								3,448									
(1)	UNCL	EAST	5,239				217		1,836		820								2,366									
1996 (3)	GILL	EAST	2,393				941		5				1						1,446									
(3)	PS	EAST	43,900				21,095		18,332		2,988								1,485									
(4)	UNCL	EAST	2,951																2,951									
1997 (3)	GILL	EAST	2,135				895		4				1						1,235									
(3)	PS	EAST	39,959				19,140		16,696		2,722								1,401									
(4)	UNCL	EAST	2,989																2,989									
1998 (1)	GILL	EAST	2,320				832		5				1						1,482									
(1)	PS	EAST	41,381				17,794		18,836		3,070								1,681									
(5)	UNCL	EAST	3,587																3,587									
1999 (3)	GILL	EAST	2,071				493		4				1						1,573									
(3)	PS	EAST	36,404				16,183		16,448		2,682								1,091									
(4)	UNCL	EAST	3,043																3,043									
Year/Année Total:			382,529				158,622		148,333		12,667		11,466						51,441									

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGINE, ZONE ET ESPECE**

Year	Gear	Area	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
Année	Engin	Zone																										
Data Sources/Origine des données																												
1	(1)	Reported by LO. Gear and Species assignment by IOTC / Communiqué par AL. Répartition par espèces et engins CTOI																										
2	(2)	Data from FAO databases. Gear allocation by IOTC / Données des bases de données FAO. Répartition par engins CTOI																										
3	(3)	Reported by LO. Species assignment by IOTC / Communiqué par AL. Répartition par espèces CTOI																										
4	(4)	Reported by Liaison Officer / Communiqué par agent de liaison																										
5	(5)	Reported by LO. Gear allocation by IOTC / Communiqué par AL. Répartition par engins CTOI																										
UN ARAB EMIRATES																												
1990	(1)	GILL	WEST	10,892			2,954	1,800			488				4,450				1,050									150
	(1)	LINE	WEST	1,743			473	288			78				712				168									24
	(1)	UNCL	WEST	1,888			512	312			85				771				182									26
1991	(1)	GILL	WEST	10,450			2,861	1,744			473				4,215				1,013									144
	(1)	LINE	WEST	1,672			458	279			76				674				162									23
	(1)	UNCL	WEST	1,812			496	302			82				731				176									25
1992	(1)	GILL	WEST	10,787			2,969	1,796			488				4,342				1,043									149
	(1)	LINE	WEST	1,726			475	287			78				695				167									24
	(1)	UNCL	WEST	1,871			515	311			85				753				181									26
1993	(1)	GILL	WEST	10,083			3,000	1,050			488				4,350				1,050									145
	(1)	LINE	WEST	1,613			480	168			78				696				168									23
	(1)	UNCL	WEST	1,748			520	182			85				754				182									25
1994	(1)	GILL	WEST	12,120			3,349	2,044			552				4,856				1,174									145
	(1)	LINE	WEST	1,940			536	327			89				777				188									23
	(1)	UNCL	WEST	2,102			581	354			96				842				204									25
1995	(2)	GILL	WEST	12,573			4,286	1,796			429				4,938				950									174
	(2)	LINE	WEST	2,012			686	287			69				790				152									28
	(2)	UNCL	WEST	2,179			743	311			74				856				165									30
1996	(2)	GILL	WEST	12,944			4,331	1,814			434				4,990				1,196									179
	(2)	LINE	WEST	2,070			693	290			69				798				191									29
	(2)	UNCL	WEST	2,243			751	314			75				865				207									31
1997	(2)	GILL	WEST	12,472			2,753	1,875			464				5,333				1,875									172
	(2)	LINE	WEST	1,996			441	300			74				853				300									28
	(2)	UNCL	WEST	2,161			477	325			80				924				325									30
1998	(2)	GILL	WEST	12,800			2,759	1,885			466				5,350				2,165									175
	(2)	LINE	WEST	2,046			441	301			74				856				346									28
	(2)	UNCL	WEST	2,216			478	326			80				927				375									30
1999	(3)	GILL	WEST	13,235			2,805	1,955			478				5,484				2,338									175
	(3)	LINE	WEST	2,115			448	312			76				877				374									28
	(3)	UNCL	WEST	2,291			486	338			82				950				405									30
Year/Année Total:				157,800			42,757	23,673			6,345				64,409				18,472									2,144

Data Sources/Origine des données

- 1 (1) Reported by LO. Gear and Species assignment by IOTC / Communiqué par AL. Répartition par espèces et engins CTOI
- 2 (2) Estimated by IOTC / Estimation CTOI
- 3 (3) Data from FAO databases. Gear allocation by IOTC / Données des bases de données FAO. Répartition par engins CTOI

YEMEN AR RP

1990	(1)	UNCL	WEST	7,431	695		1,276	1,569			13	22		273	3,118				465										
1991	(1)	UNCL	WEST	7,087	771		651	1,601			14	24		303	3,207				516										
1992	(1)	UNCL	WEST	7,068	748		1,324	1,615			13	23		294	2,551				500										
1993	(1)	UNCL	WEST	7,000	804		1,707	504			14	25		316	3,092				538										

7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH		
1994 (1)	UNCL	WEST	8,407	804			2,291		1,164	14	25			316	3,255				538										
1995 (1)	UNCL	WEST	8,112	800			2,204		1,226	15	20			300	3,047				500										
1996 (1)	UNCL	WEST	8,298	800			1,887		1,183	88	20			300	3,521				500										
1997 (1)	UNCL	WEST	8,670	840			1,970		1,240	90	20			310	3,680				520										
1998 (1)	UNCL	WEST	8,450	820			1,920		1,210	90	20			300	3,580				510										
1999 (2)	UNCL	WEST	8,450	820			1,920		1,210	90	20			300	3,580				510										
Year/Année Total:			78,974	7,902			17,150		12,522	441	219			3,012	32,631				5,097										

Data Sources/Origine des données

- : (1) Data from FAO databases / Données des bases de données FAO
 : (2) Repetition of previous years data / Données répétées des années précédentes

NEI-JURSS

1990 (1)	PS	WEST	1,541	804	12	21				704																				
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Data Sources/Origine des données

- : (1) Reported by foreign research institutions / Communiqué par centres de recherche étrangers

NEI-RUSSIA

1992 (1)	PS	WEST	15,753	5,149	397	40				9,984			28	155																	
1993 (1)	PS	WEST	18,430	8,079	952	37				7,995			13	1,354																	
1994 (1)	PS	WEST	14,372	5,836	280	3				8,243			10																		
Year/Année Total:			48,555	19,064	1,629	80				26,222			51	1,509																	

Data Sources/Origine des données

- : (1) Reported by foreign research institutions / Communiqué par centres de recherche étrangers

NEI-EU

1990 (1)	LL	WEST	364																																
(1)	PS	WEST	14,836	8,021	676	117													6,022																
(1)	PS	WEST	9,227	3,924	353	20				4,930									4,930																
1991 (1)	PS	WEST	5,445	1,927	356	2				3,160									3,160																
(1)	PS	WEST	19,138	10,001	1,189	298				7,650									7,650																
1992 (1)	PS	WEST	4,003	1,145	226					2,632									2,632																
(1)	PS	WEST	16,089	6,856	636	393				8,184									8,184																
1993 (1)	PS	WEST	8,248	3,005	552	46				4,645									4,645																
(1)	PS	WEST	18,301	8,931	881	20				8,469									8,469																
(1)	PS	WEST	8,253	3,507	491	9				4,246									4,246																
1994 (1)	PS	WEST	24,866	9,647	1,239	232				13,748									13,748																
(1)	PS	WEST	22,246	10,029	1,226	276				10,715									10,715																
1995 (1)	PS	WEST	24,584	10,742	1,828	192				11,822									11,822																
(1)	PS	WEST	671	486	19					166									166																
(1)	PS	WEST	20,000	8,085	1,544	151				10,220									10,220																
1996 (1)	PS	EAST	151	26	22					103									103																
(1)	PS	WEST	19,332	7,957	1,764	68				9,543									9,543																
(1)	PS	WEST	19,392	8,751	1,644	240				8,757									8,757																

**7.5. NOMINAL CATCH BY COUNTRY, YEAR, GEAR, AREA AND SPECIES
CAPTURES NOMINALES PAR PAYS, ANNEE, ENGIN, ZONE ET ESPECE**

Year Année	Gear Engin	Area Zone	Total	YFT	BET	ALB	LOT	SBF	KAW	SKJ	FRI	BLT	FRZ	TUN	COM	GUT	STS	WAH	KGX	BLZ	BLM	MLS	SFA	SSP	SWO	BIL	OTH	
1998	(1)	LL EAST	8,908	1,770	2,276	2,753	168	2												259	60	396			1,148	69	7	
	(1)	LL WEST	41,396	8,881	15,781	7,059	427	37												1,429	147	633			6,506	269	227	
	(1)	PS WEST	23,342	8,423	1,072	26		13,821																				
1999	(1)	LL EAST	8,377	1,377	2,190	2,959	160													266	31	313			1,035	40	6	
	(1)	LL WEST	38,486	6,908	15,186	7,587	533	2												1,468	76	501			5,864	157	204	
	(1)	PS WEST	31,092	11,406	1,497	14		18,175																				
Year/Année Total:			492,903	231,174	76,468	29,673	1,053	420	82,785	300	40	9,180	1,592	4,843	572	3,503	26	24,145	23,463	1,762								

Data Sources/Origine des données

-) (1) Estimated by IOTC / Estimation CTOI
-) (2) Repetition of previous years data / Données répétées des années précédentes

**7.6 Fishing Craft Statistics/
*Statistiques sur les flottes de pêche***

7.6 FISHING CRAFT STATISTICS / STATISTIQUES SUR LES FLOTTES DE PECHE

Country	Gear/Engin	Mech	Type	Unit	Class/Classe	Number of Craft / Nombre d'embarcations										Pays			
						1990	1991	1992	1993	1994	1995	1996	1997	1998	1999				
AUSTRALIA	PS	M	GRT	t	25	390								10	8	5	8	AUSTRALIE	
	LL	M	GRT	t	5	450	55	62	29	38	26	16	26	37	46				
	BB	M	GRT	t	5	390	22	50	12	11	13	28	21	31	20				
	GILL	M	GRT	t	50			17	12	15	13	14	11	10	13				
	LINE	M	GRT	t	50			185	138	127	135	141	82	154	174				
	OTHR	M	GRT	t	50			14	43	49	46	45	73	55	36				
	GILL	M	LOA	ft	14	31										213			
	GILL	M	LOA	m	10	15	3000								3500				
	CHINA	LL	M	GRT	t	60	170												
	TAIWAN,CHINA	LL	M	GRT	t	20	1000	272	253	296	340	289	292	329	343	341			TAIWAN,CHINE
COMOROS	GILL	M	GRT	t	100	1000	121	109	16										
	LINE	M	LOA	m	3	9			725	446									
	LINE	NM	LOA	m	3	7			3668	3492									
	OTHR	NM	LOA	m	6	8													
ERITREA	GILL	UNCL	UNCL	UNCL											214	255	315	150	
	OTHR	M	UNCL	UNCL											7	2	8	48	
FRANCE	PS	M	LOA	m	40	109	21	18	16	16	21	17	17	19	16	15			
	LL	M	LOA	m	11	40		1	4	8	10	10	13	19	21	20			
	LINE	M	LOA	m	4	14				275	276	788	761	721	688	623			
	LINE	NM	LOA	m	3	6						785	921	1057	1193	1329			
HONDURAS-INDIA	LL	M	GRT	t	200	1000	4	4	23	28	12	18			7				
	LL	M	GRT	t	500	1000													
	LL	M	GRT	t	250	300	4	4	1	7	7								
	PS	M	GRT	t	30	30	2886	958	2363										
INDONESIA	LL	M	LOA	m	10	30	132	158	255	345	489	633	791	944	845	1095			
	GILL	M	GRT	t	30	30	31403	18344	18977										
	LINE	M	GRT	t	30	30	15018	14109	9350										
	OTHR	UNCL	GRT	t	10	10	53456	44309	57657										
	PS	M	GRT	t	936	1853									3	3	3		
	LL	M	GRT	t	716	716									1	1	1		
JAPAN	GILL	UNCL	GRT	t	10	100	3058	3941	1692					7961	8306	8513			
	PS	M	GRT	t	300	1000	4	11	12	11	11	8	6	4	4	3			
	LL	M	GRT	t	100	500	197	179	180	189	202	219	234	252	225	187			
	LL	M	LOA	m	40	60	79	19	50	50	52	52	62	58	59	54			
KOREA REP	PS	M	UNCL	UNCL			345	329											
	GILL	M	UNCL	UNCL			10728	10465											
	LINE	M	UNCL	UNCL			553	517											
	OTHR	M	UNCL	UNCL			4096	4119											
MALAYSIA	PS	M	UNCL	UNCL															
	GILL	M	UNCL	UNCL															
Country	Gear/Engin	Mech	Type	Unit	Class/Classe	Number of Craft / Nombre d'embarcations										Pays			
						1990	1991	1992	1993	1994	1995	1996	1997	1998	1999				

7.6 FISHING CRAFT STATISTICS / STATISTIQUES SUR LES FLOTTES DE PECHE

Country	Gear/Engin	Mech	Type	Unit	Class/Classe	Number of Craft / Nombre d'embarcations											Pays
						1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
MALDIVES	BB	M	LOA	m	10	14	1151	1252	1347	1434	1410	1499	1397	1328	1271	1206	MALDIVES
	BB	NM	LOA	m	10	14	11	6	38	15	42	5	13	9	30	52	
	LINE	M	LOA	m	5	7	7	12	15	25	83	50	63	102	61	70	
	LINE	NM	LOA	m	4	7	353	349	273	296	278	214	191	159	149	83	
	PS	M	GRT	t	535	1089	2	3	3	3	3	1	1	1	1	1	
OMAN	LL	M	GRT	t	100	400	3	2	1	1	1					1	
	GILL	M										1759	1804	1886	1932		
PAKISTAN	GILL	M	LOA	m	5	23	9579	10745	11643	11643	11643	9973	11732	9826	10277	10528	
	GILL	M	GRT	t	35	50	847	890	919				1488	1688	1882		
PHILIPPINES	LL	M	LOA	m	45	60									14	12	
	OTHR	M	LOA	m	6	25	4980	5059	6104	7552	7220	7327	7157	7586	8054	8856	
SAUDI ARABIA	PS	M	LOA	m	40	109		2	2					5	5	5	
	LL	M	LOA	m	10	20						1	2	4	5	7	
SEYCHELLES	LINE	M	LOA	m	5	16	299	314	312	306	296	292	285	306	315	316	
	LINE	NM	LOA	m	4	6	102	82	87	74	60	42	39	40	38	29	
SOVIET UNION	PS	M	GRT	t	2100	3199	9	12									
SPAIN	PS	M	GRT	t	500	3000	21	17	17	19	18	18	22	23	19	20	
	LL	M	GRT	t		500				5	5	1	1	2	8	9	
SRI LANKA	LL	M	LOA	m	15.2	18.3		8	5	16	19	20	22	23	25	26	
	OTHR	M	LOA	m	8.8	12.2	2276	2459	2649	2752	2905	2898	2891	2884	2877	3129	
	OTHR	MO	LOA	m	2	7.2	9910	7844	8840	9209	9462	9074	8686	8298	8955	9897	
	OTHR	NM	LOA	m	2	5.5									14738	14944	
THAILAND	PS	M	LOA	m	1	40	272	241	219	248	273	237	198	261	192	217	
	GILL	M	LOA	m	1	40	236	183	168	235	189	309	227	417	426	30	
UN ARAB EMIRATES	GILL	M	LOA	m	1	40	814	814	929	3084			4464				
	LINE	UNCL	GRT	t		5	290	290	290								
	OTHR	M	LOA	ft	14	80	1320	1320	1320	828				4464			
NEI-EU	PS	M	LOA	m	50	100	4	4	4	9	7	8	7	15	11	11	
NEI-RUSSIA	PS	M	GRT	t	2100	2600				5	4	7	11	10	9	9	
NEI-URSS	PS	M	GRT	t	1000	1500	1										
Country	Gear/Engin	Mech	Type	Unit	Class/Classe	Number of Craft / Nombre d'embarcations											Pays
						1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		

Note: m and ft in the column Unit, refer to Length overall (LOA) in meters or feet, respectively / m et ft dans la colonne Unit, réfère à la Longueur hors tout en mètres ou pieds, respectivement.

7.7 IOTC Data Catalogue/ *Catalogue des données CTOI*

Legend:

AvC Average Catches 1995-99 (thousands of tonnes) / Prises moyennes 1995-99 (milliers de tonnes)



Availability of Nominal Catches Data / Données de Captures Nominales Disponibles

Availability of Catch and Effort Data / Données de Captures et Effort Disponibles

Availability of Size Frequency Data / Données de Fréquences de Taille Disponibles

7.7a CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

TROPICAL TUNAS: Yellowfin tuna (YFT)

(YFT) Albacore: THONS TROPICAUX

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	PS																											AUSTRALIE
	LL	0.28																										
	GILL	0.00																										
	LINE	0.01																										
	BB	0.00																										
	OTHR																											
CHINA	LL	0.82																										CHINE
TAIWAN.CHINA	LL	22.08																										TAIWAN.CHINE
	GILL																											
TAIWAN.CHINA-NEI	LL	17.86																										TAIWAN.CHINE-NCA
COMOROS	LINE	5.39																										COMORES
	OTHR	0.00																										
EAST TIMOR	LINE	0.00																										TIMOR ORIENTAL
FRANCE	PS	31.81																										FRANCE
	LL	0.23																										
	LINE	0.33																										
FRANCE-MAYOTTE	LL	0.04																										FRANCE-MAYOTTE
HONDURAS-INDIA	LL	0.38																										HONDURAS-INDE
INDIA	PS	0.13																										INDE
	LL	0.15																										
	GILL	0.57																										
	LINE	0.15																										
	OTHR	2.46																										
INDONESIA	PS	0.34																										INDONESIE
	LL	26.93																										
	GILL	0.22																										
	OTHR	0.09																										
IRAN I R	PS	2.74																										IRAN, REP. ISLAMIQUE D'
	LL	0.20																										
	GILL	22.48																										
JAPAN	PS	2.95																										JAPON
	LL	12.44																										
	OTHR																											
KENYA	LL																											KENYA
	LINE	0.08																										
KOREA REP	LL	2.54																										COREE, REPUBLIQUE DE
MADAGASCAR	BB																											MADAGASCAR
MALDIVES	LL	0.01																										MALDIVES
	LINE	0.43																										
	BB	12.28																										
	OTHR	0.00																										
MAURITIUS	PS	0.99																										MAURICE
	LL	0.01																										
	LINE	0.15																										
MOZAMBIQUE	OTHR																											MOZAMBIQUE
OMAN	GILL	12.27																										OMAN
PAKISTAN	LL	1.18																										PAKISTAN
	GILL	4.20																										
PHILIPPINES	LL	0.25																										PHILIPPINES
SEYCHELLES	PS	4.00																										SEYCHELLES
	LL	0.05																										
	LINE	0.01																										
	OTHR																											
SOUTH AFRICA	LINE	0.01																										AFRIQUE DU SUD
	OTHR																											

7.7a CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

TROPICAL TUNAS: Yellowfin tuna (YFT)

(YFT) Albacore: THONS TROPICAUX

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
SOVIET UNION	PS																											UNION SOVIETIQUE
	LL																											
SPAIN	PS	55.17																										ESPAGNE
	LL																											
	BB																											
SRI LANKA	PS																											SRI LANKA
	LL	0.40																										
	GILL	16.48																										
	LINE	0.02																										
	BB																											
	OTHR	0.01																										
TANZANIA	OTHR	0.07																										TANZANIE
YEMEN AR RP	OTHR	0.82																										YEMEN
NEI-EU	PS	20.79																										NCA-UE
NEI-RUSSIA	PS																											NCA-RUSSIE
NOT ELSEWHERE INCLUDED	PS	12.15																										NON COMPRIS AILLEURS
	LL	5.96																										
Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays

7.7a CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE TAILLE A LA CTOI

TROPICAL TUNAS: Bigeye tuna (BET)

(BET) Thon obèse; Patudo: THONS TROPICAUX

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	LL	0.17																										AUSTRALIE
	BB																											
CHINA	LL	1.32																										CHINE
TAIWAN.CHINA	LL	34.68																										TAIWAN.CHINE
	GILL																											
TAIWAN.CHINA-NEI	LL	14.38																										TAIWAN.CHINE-NCA
COMOROS	LINE	0.03																										COMORES
FRANCE	PS	7.37																										FRANCE
	LL	0.10																										
	LINE	0.00																										
FRANCE-MAYOTTE	LL	0.02																										FRANCE-MAYOTTE
HONDURAS-INDIA	LL	0.01																										HONDURAS-INDE
INDIA	LL	0.22																										INDE
INDONESIA	LL	22.49																										INDONESIE
IRAN I R	PS	0.27																										IRAN. REP. ISLAMIQUE D'
	LL	0.01																										
JAPAN	PS	1.60																										JAPON
	LL	15.55																										
KENYA	LL																											KENYA
KOREA REP	LL	6.34																										COREE. REPUBLIQUE DE
MALDIVES	BB	0.57																										MALDIVES
MAURITIUS	PS	0.36																										MAURICE
	LL	0.01																										
	LINE	0.02																										
MOZAMBIQUE	OTHR																											MOZAMBIQUE
PHILIPPINES	LL	0.69																										PHILIPPINES
SEYCHELLES	PS	1.17																										SEYCHELLES
	LL	0.05																										
	LINE	0.01																										
SOUTH AFRICA	LINE																											AFRIQUE DU SUD
SOVIET UNION	PS																											UNION SOVIETIOUE
	LL																											
SPAIN	PS	13.33																										ESPAGNE
	LL																											
SRI LANKA	LL	0.38																										SRI LANKA
	GILL	0.50																										
	LINE																											
NEI-EU	PS	5.11																										NCA-UE
NEI-RUSSIA	PS																											NCA-RUSSIE
NOT ELSEWHERE INCLUDED	PS	1.26																										NON COMPRIS AILLEURS
	LL	9.92																										

7.7a CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

TROPICAL TUNAS: Skipjack tuna (SKJ)

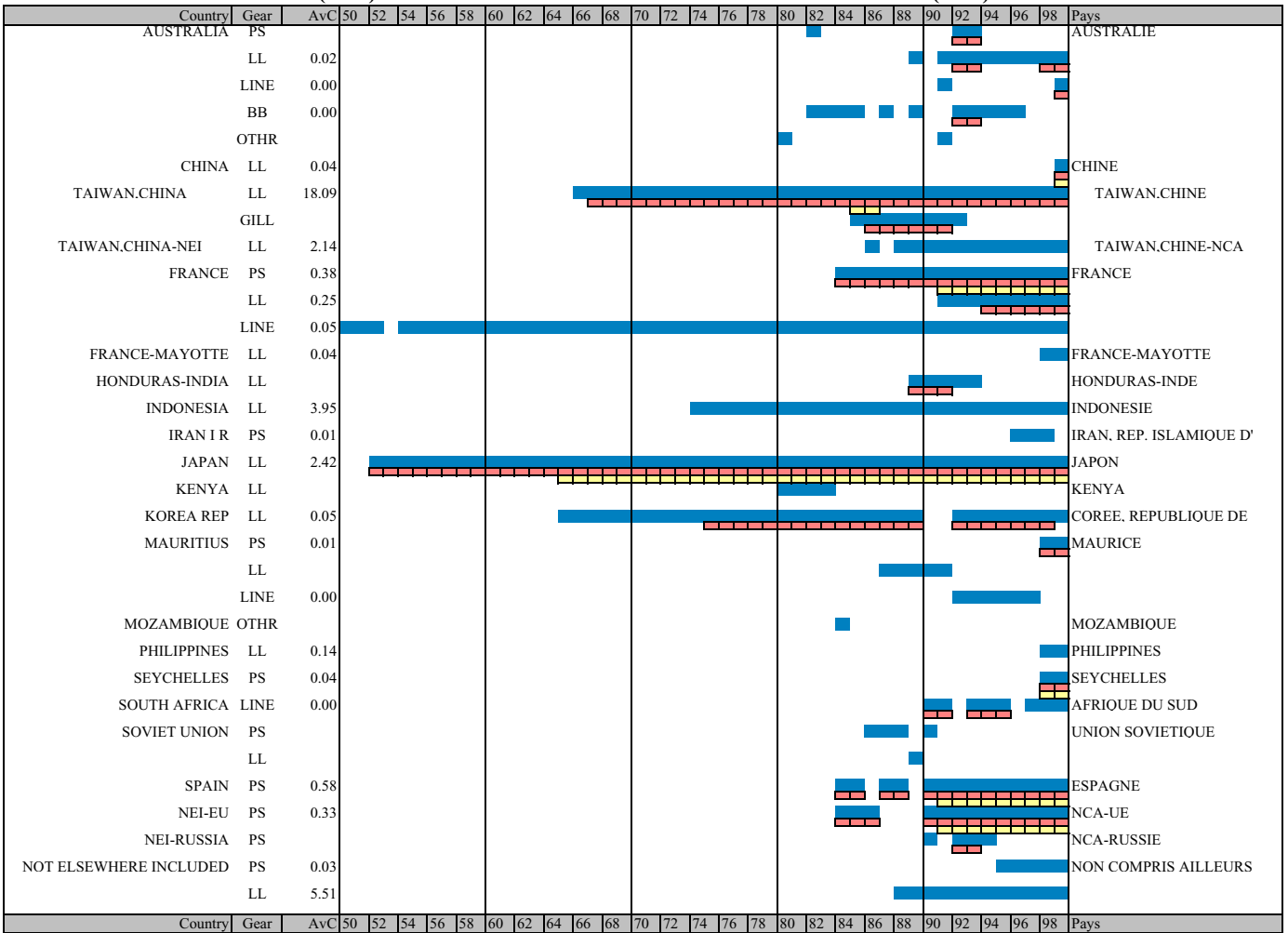
(SKJ) Listao: THONS TROPICAUX

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	PS	0.00																										AUSTRALIE
	LL	0.00																										
	LINE	0.00																										
	BB	1.76																										
	OTHR																											
TAIWAN.CHINA	LL	0.08																										TAIWAN.CHINE
COMOROS	LINE	2.10																										COMORES
	OTHR																											
FRANCE	PS	38.71																										FRANCE
	LINE	0.09																										
HONDURAS-INDIA	LL	0.00																										HONDURAS-INDE
INDIA	PS	1.14																										INDE
	LL	0.00																										
	GILL	0.12																										
	LINE	0.02																										
	OTHR	3.97																										
INDONESIA	PS	2.04																										INDONESIE
	GILL	4.60																										
	BB																											
	OTHR	22.57																										
IRAN I R	PS	1.29																										IRAN, REP. ISLAMIQUE D'
	GILL	5.43																										
	LINE																											
JAPAN	PS	8.03																										JAPON
	LL	0.01																										
	OTHR																											
KENYA	LL																											KENYA
KOREA REP	LL	0.00																										COREE, REPUBLIQUE DE
	BB																											
MADAGASCAR	BB																											MADAGASCAR
MALDIVES	LL	0.01																										MALDIVES
	LINE	0.58																										
	BB	74.85																										
	OTHR	0.00																										
MAURITIUS	PS	2.43																										MAURICE
	LL																											
	LINE	0.14																										
MOZAMBIOUE	OTHR																											MOZAMBIOUE
OMAN	GILL	0.49																										OMAN
PAKISTAN	GILL	4.92																										PAKISTAN
SEYCHELLES	PS	6.30																										SEYCHELLES
	OTHR																											
SOUTH AFRICA	LINE	0.00																										AFRIQUE DU SUD
	OTHR																											
SOVIET UNION	PS																											UNION SOVIETIQUE
SPAIN	PS	66.39																										ESPAGNE
	BB																											
SRI LANKA	PS																											SRI LANKA
	LL	0.00																										
	GILL	31.05																										
	LINE	0.03																										
	BB	0.01																										
	OTHR	0.01																										
YEMEN AR RP	OTHR	0.07																										YEMEN
NEI-EU	PS	25.92																										NCA-UE
NEI-RUSSIA	PS																											NCA-RUSSIE
NOT ELSEWHERE INCLUDED	PS	16.54																										NON COMPRIS AILLEURS
	LL	0.01																										

7.7b CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

TEMPERATE TUNAS: Albacore (ALB)

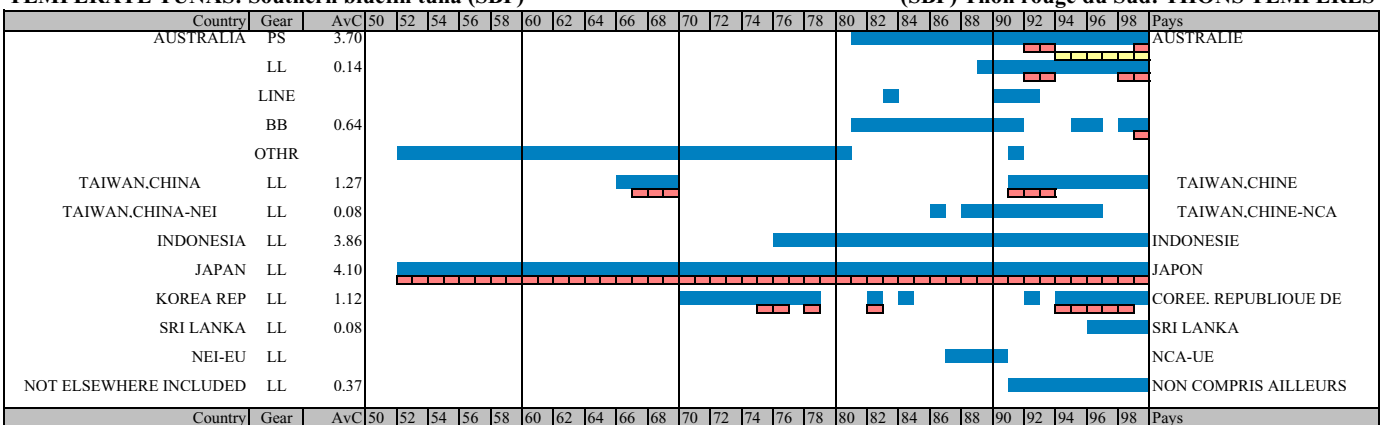
(ALB) Germon: THONS TEMPERES



7.7b CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

TEMPERATE TUNAS: Southern bluefin tuna (SBF)

(SBF) Thon rouge du Sud: THONS TEMPERES



7.7c CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

NERITIC TUNAS: Kawakawa, Frigate and Bullet tunas (KAW, FRI, BLT)

(KAW, FRI, BLT) Thonine orientale, Auxide et Bonitou : THONS NERITIQUES

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	PS																											AUSTRALIE
	LINE																											
	BB	0.00																										
COMOROS	LINE	0.16																										COMORES
	OTHR																											
EGYPT	PS	0.05																										EGYPTE
	OTHR	0.02																										
ERITREA	GILL	0.00																										ERYTHREE
FRANCE	LINE	0.03																										FRANCE
INDIA	PS	0.49																										INDE
	GILL	6.88																										
	LINE	2.46																										
	OTHR	19.60																										
INDONESIA	GILL	0.07																										INDONESIE
	OTHR	2.38																										
IRAN I R	PS	0.00																										IRAN, REP. ISLAMIQUE D'
	LL																											
	GILL	8.73																										
	LINE																											
ISRAEL	OTHR																											ISRAEL
JAPAN	LL																											JAPON
MALAYSIA	PS	4.44																										MALAISIE
	GILL	0.11																										
	LINE	0.00																										
	OTHR	0.01																										
MALDIVES	LL	0.04																										MALDIVES
	LINE	1.19																										
	BB	5.65																										
	OTHR	0.01																										
OMAN	GILL	2.70																										OMAN
PAKISTAN	GILL	2.40																										PAKISTAN
SAUDI ARABIA	GILL	0.07																										ARABIE SAOUDITE
	LINE	0.10																										
	OTHR	0.07																										
SEYCHELLES	GILL																											SEYCHELLES
	LINE	0.10																										
	OTHR																											
SOUTH AFRICA	LINE	0.00																										AFRIQUE DU SUD
SOVIET UNION	PS																											UNION SOVIETIQUE
SPAIN	PS	0.29																										ESPAGNE
SRI LANKA	PS																											SRI LANKA
	LL																											
	GILL	7.77																										
	LINE	0.24																										
	BB																											
	OTHR	0.04																										
THAILAND	PS	21.42																										THAILANDE
	GILL	0.45																										
	OTHR	0.53																										
UN ARAB EMIRATES	GILL	2.32																										EMIRATS ARABES UNIES
	LINE	0.37																										
	OTHR	0.40																										
YEMEN AR RP	OTHR	1.23																										YEMEN
NEI-EU	PS	0.00																										NCA-UE
NEI-RUSSIA	PS																											NCA-RUSSIE
NOT ELSEWHERE INCLUDED	OTHR	0.14																										NON COMPRIS AILLEURS

7.7c CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

NERITIC TUNAS: Longtail tuna (LOT)

(LOT) Thon mignon : THONS NERITIQUES

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	LL																											AUSTRALIE
	LINE	0.01																										
	OTHR																											
TAIWAN.CHINA	LL																											TAIWAN.CHINE
ERITREA	GILL	0.01																										ERYTHREE
INDIA	PS	0.00																										INDE
	GILL	0.90																										
	LINE	0.23																										
	OTHR	3.65																										
IRAN I R	PS	1.01																										IRAN. REP. ISLAMIQUE D'
	LL																											
	GILL	20.51																										
	LINE																											
MALAYSIA	PS	1.90																										MALAISIE
	GILL	0.35																										
	LINE	0.00																										
	OTHR	0.01																										
OMAN	GILL	4.70																										OMAN
PAKISTAN	GILL	5.06																										PAKISTAN
SAUDI ARABIA	GILL	0.03																										ARABIE SAOUDITE
	LINE	0.05																										
	OTHR	0.07																										
SOVIET UNION	PS																											UNION SOVIETIQUE
SRI LANKA	GILL																											SRI LANKA
	LINE																											
THAILAND	PS	18.31																										THAILANDE
	GILL	0.86																										
	OTHR	0.04																										
UN ARAB EMIRATES	GILL	3.39																										EMIRATS ARABES UNIES
	LINE	0.54																										
	OTHR	0.59																										
YEMEN AR RP	OTHR	1.98																										YEMEN
NOT ELSEWHERE INCLUDED	OTHR	0.21																										NON COMPRIS AILLEURS

**7.7c CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI**

NERITIC TUNAS: Narrow-barred Spanish mackerel (COM) (COM) Thazard rayé indo-pacifique : THONS NERITIQUES

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	GILL	0.00																										AUSTRALIE
	LINE	0.48																										
	OTHR	0.00																										
BAHRAIN	GILL	0.09																										BAHREIN
	LINE	0.00																										
EGYPT	PS	5.12																										EGYPTE
	OTHR	2.09																										
ERITREA	GILL	0.18																										ERYTHREE
INDIA	PS	0.04																										INDE
	GILL	6.34																										
	LINE	0.92																										
	OTHR	19.14																										
INDONESIA	OTHR	13.68																										INDONESIE
IRAN I R	LL																											IRAN. REP. ISLAMIQUE D'
	GILL	5.51																										
	LINE																											
ISRAEL	OTHR																											ISRAEL
KENYA	GILL	0.79																										KENYA
	LINE	0.13																										
	OTHR																											
KUWAIT	GILL	0.10																										KOWEIT
MADAGASCAR	LINE	10.80																										MADAGASCAR
OMAN	GILL	4.76																										OMAN
PAKISTAN	GILL	10.94																										PAKISTAN
QATAR	GILL	0.40																										QATAR
SAUDI ARABIA	PS	0.00																										ARABIE SAOUDITE
	LL	0.01																										
	GILL	2.92																										
	LINE	1.10																										
	OTHR	1.95																										
SOUTH AFRICA	LINE	0.01																										AFRIQUE DU SUD
	OTHR																											
SRI LANKA	LL	0.00																										SRI LANKA
	GILL	0.77																										
	LINE	0.05																										
	OTHR																											
UN ARAB EMIRATES	GILL	5.22																										EMIRATS ARABES UNIES
	LINE	0.83																										
	OTHR	0.90																										
YEMEN AR RP	OTHR	3.48																										YEMEN
NOT ELSEWHERE INCLUDED	OTHR	1.84																										NON COMPRIS AILLEURS

7.7c CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE TAILLE A LA CTOI

NERITIC TUNAS: Indo-Pacific king mackerel (GUT)

(GUT) Thazard ponctué indo-pacifique : THONS NERITIQUES

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
INDIA	PS	0.03																										INDE
	GILL	4.44																										
	LINE	0.65																										
	OTHR	11.30																										
INDONESIA	OTHR	11.31																										INDONESIE
IRAN I R	LL																											IRAN. REP. ISLAMIQUE D'
	GILL	4.25																										
	LINE																											
KUWAIT	GILL	0.18																										KOWEIT
SAUDI ARABIA	GILL	0.12																										ARABIE SAOUDITE
	LINE	0.02																										
	OTHR	0.00																										
SRI LANKA	LL	0.00																										SRI LANKA
	GILL																											

7.7c CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE TAILLE A LA CTOI

NERITIC TUNAS: Striped seerfish and Wahoo (STS, WAH)

Thazard cirrus et Thazard-bâtard : THONS NERITIQUES

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	LL	0.00																										AUSTRALIE
	LINE	0.00																										
FRANCE	LL	0.00																										FRANCE
	LINE	0.07																										
FRANCE-MAYOTTE	LL	0.00																										FRANCE-MAYOTTE
INDIA	GILL	0.03																										INDE
	LINE	0.00																										
	OTHR	0.24																										
INDONESIA	LL	0.01																										INDONESIE
KENYA	LINE	0.02																										KENYA
SEYCHELLES	LINE	0.00																										SEYCHELLES
SRI LANKA	PS																											SRI LANKA
	LL	0.00																										
	GILL	0.21																										
	LINE	0.01																										
	OTHR																											

7.7d CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

BILLFISH: Swordfish (SWO)

(SWO) Espadon :POISSONS-EPEE

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	LL	0.36																										AUSTRALIE
CHINA	LL	0.19																										CHINE
TAIWAN.CHINA	LL	16.96																										TAIWAN.CHINE
FRANCE	LL	1.54																										FRANCE
	LINE	0.00																										
FRANCE-MAYOTTE	LL	0.19																										FRANCE-MAYOTTE
HONDURAS-INDIA	LL	0.11																										HONDURAS-INDE
INDIA	LL	0.03																										INDE
INDONESIA	LL	0.97																										INDONESIE
IRAN I R	LL	0.01																										IRAN. REP. ISLAMIQUE D'
JAPAN	LL	1.87																										JAPON
	OTHR																											
KENYA	LL																											KENYA
	LINE	0.00																										
KOREA REP	LL	0.10																										COREE. REPUBLIQUE DE
MOZAMBIQUE	OTHR	0.54																										MOZAMBIQUE
PHILIPPINES	LL	0.12																										PHILIPPINES
PORTUGAL	LL	0.07																										PORTUGAL
SEYCHELLES	LL	0.18																										SEYCHELLES
	LINE	0.02																										
SOUTH AFRICA	LL	0.40																										AFRIQUE DU SUD
	LINE																											
SOVIET UNION	LL																											UNION SOVIETIQUE
SPAIN	LL	0.80																										ESPAGNE
SRI LANKA	PS																											SRI LANKA
	LL	0.10																										
	GILL	2.78																										
	LINE																											
YEMEN AR RP	OTHR																											YEMEN
NOT ELSEWHERE INCLUDED	LL	4.49																										NON COMPRIS AILLEURS

7.7d CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

BILLFISH: Indo-Pacific blue marlin, Black marlin and Striped marlin (BLZ, BLM, MLS)

(BLZ, BLM, MLS) Makaie bleu indo-pacifique, Makaie noir et Marlin rayé :POISSONS-EPEE

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	LL	0.02																										AUSTRALIE
TAIWAN.CHINA	LL	5.75																										TAIWAN.CHINE
HONDURAS-INDIA	LL																											HONDURAS-INDE
INDONESIA	LL	2.50																										INDONESIE
IRAN I R	LL	0.00																										IRAN. REP. ISLAMIQUE D'
JAPAN	LL	1.25																										JAPON
KENYA	LL																											KENYA
	LINE	0.04																										
KOREA REP	LL	0.09																										COREE. REPUBLIQUE DE
PHILIPPINES	LL	0.07																										PHILIPPINES
SEYCHELLES	LL	0.00																										SEYCHELLES
	LINE																											
SOUTH AFRICA	LINE																											AFRIQUE DU SUD
	OTHR																											
SOVIET UNION	LL																											UNION SOVIETIQUE
SRI LANKA	LL	0.05																										SRI LANKA
	GILL																											
	LINE																											
	OTHR																											
NOT ELSEWHERE INCLUDED	LL	1.62																										NON COMPRIS AILLEURS

7.7d CATALOGUE OF IOTC NOMINAL CATCHES, CATCH AND EFFORT AND SIZE FREQUENCY STATISTICS
CATALOGUE DES CAPTURES NOMINALES ET DES STATISTIQUES DE CAPTURE ET EFFORT ET DE DISTRIBUTION DE
TAILLE A LA CTOI

BILLFISH: Indo-Pacific sailfish and Short-billed spearfish (SFA, SSP)

(SFA, SSP) Voilier indo-pacifique et Makaire à rostre court :POISSONS-EPEE

Country	Gear	AvC	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	Pays
AUSTRALIA	LL	0.00																										AUSTRALIE
TAIWAN.CHINA	LL																											TAIWAN.CHINE
COMOROS	LINE	0.24																										COMORES
ERITREA	GILL	0.00																										ERYTHREE
FRANCE	LL	0.01																										FRANCE
	LINE	0.01																										
FRANCE-MAYOTTE	LL	0.00																										FRANCE-MAYOTTE
HONDURAS-INDIA	LL	0.02																										HONDURAS-INDE
INDIA	LL	0.01																										INDE
INDONESIA	LL	0.50																										INDONESIE
IRAN I R	LL	0.00																										IRAN. REP. ISLAMIQUE D'
	GILL	2.57																										
JAPAN	LL	0.12																										JAPON
KENYA	LL																											KENYA
	GILL	0.09																										
	LINE	0.11																										
	OTHR																											
KOREA REP	LL	0.00																										COREE. REPUBLIQUE DE
OMAN	GILL	0.59																										OMAN
PAKISTAN	LL	0.40																										PAKISTAN
	GILL																											
PORTUGAL	LL	0.00																										PORTUGAL
SAUDI ARABIA	GILL	0.00																										ARABIE SAOUDITE
	LINE	0.00																										
SEYCHELLES	LL	0.01																										SEYCHELLES
	LINE																											
SOUTH AFRICA	LINE																											AFRIQUE DU SUD
	OTHR																											
SRI LANKA	PS																											SRI LANKA
	LL																											
	GILL	6.05																										
	LINE	0.03																										
NOT ELSEWHERE INCLUDED	LL																											NON COMPRIS AILLEURS

**Appendix: IOTC Data Forms/
*Formulaires des Données***



Tuna Statistics in the Indian Ocean

IOTC FORM 1: NOMINAL CATCH

PAGE OF

REPORTING COUNTRY

GEAR

YEAR

FLAG COUNTRY

CATCH UNITS

NB: A SEPARATE SHEET SHOULD BE COMPLETED FOR EACH GEAR

IOTC AREA	SPECIES LOCAL NAME	SPECIES SCIENTIFIC NAME	SPECIES THREE ALPHA CODE	ACTUAL CATCH	TOTAL CATCH	DATA PROCESSING (These questions are intended for IOTC to better understand the way the data are obtained and processed in your country. Please, read them carefully, providing the best responses to your understanding.)																											
						<p>1 Basic data used for the calculation of the total catch: please, specify which of the following data are available (by ticking on the left) and what was the respective coverage for the year being reported:</p> <table border="1"> <tr> <td><input type="checkbox"/></td> <td>a) Landing statistics from Port or Customs Authorities</td> <td>Proportion of landings covered:</td> <td><input type="text"/></td> <td>%</td> </tr> <tr> <td><input type="checkbox"/></td> <td>b) Landing statistics from Port Sampling Surveys</td> <td>Proportion of landings covered:</td> <td><input type="text"/></td> <td>%</td> </tr> <tr> <td><input type="checkbox"/></td> <td>c) Statistics from Fish Marketing Channels</td> <td>Proportion of landings covered:</td> <td><input type="text"/></td> <td>%</td> </tr> <tr> <td><input type="checkbox"/></td> <td>d) Landing statistics from local Shipping Agencies</td> <td>Proportion of landings covered:</td> <td><input type="text"/></td> <td>%</td> </tr> <tr> <td><input type="checkbox"/></td> <td>e) Logbooks completed by vessels' skippers</td> <td>Proportion of logbooks covered:</td> <td><input type="text"/></td> <td>%</td> </tr> </table>	<input type="checkbox"/>	a) Landing statistics from Port or Customs Authorities	Proportion of landings covered:	<input type="text"/>	%	<input type="checkbox"/>	b) Landing statistics from Port Sampling Surveys	Proportion of landings covered:	<input type="text"/>	%	<input type="checkbox"/>	c) Statistics from Fish Marketing Channels	Proportion of landings covered:	<input type="text"/>	%	<input type="checkbox"/>	d) Landing statistics from local Shipping Agencies	Proportion of landings covered:	<input type="text"/>	%	<input type="checkbox"/>	e) Logbooks completed by vessels' skippers	Proportion of logbooks covered:	<input type="text"/>	%		
<input type="checkbox"/>	a) Landing statistics from Port or Customs Authorities	Proportion of landings covered:	<input type="text"/>	%																													
<input type="checkbox"/>	b) Landing statistics from Port Sampling Surveys	Proportion of landings covered:	<input type="text"/>	%																													
<input type="checkbox"/>	c) Statistics from Fish Marketing Channels	Proportion of landings covered:	<input type="text"/>	%																													
<input type="checkbox"/>	d) Landing statistics from local Shipping Agencies	Proportion of landings covered:	<input type="text"/>	%																													
<input type="checkbox"/>	e) Logbooks completed by vessels' skippers	Proportion of logbooks covered:	<input type="text"/>	%																													
						<p>2 Explain how catches recorded in the box Total Catch were calculated (tick on the left)</p> <table border="1"> <tr> <td><input type="checkbox"/></td> <td>a) The value in the box TOTAL CATCH represents only the available data and not the total catch (no raising factor was applied)</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>b) The available data on catches were processed for the calculation of the total catch; please, specify whether one or more of the following methods were used:</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Were original data from landings ...</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Corrected for weight losses and gains due to processing or use aboard (Nominal catch).</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Corrected from logbook information (e.g. for species composition)</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Corrected from size frequency and species composition information (through port sampling)</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Raised on the basis of the total number of trips</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Corrected from size frequency and species composition information (through port sampling)</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Corrected for weight losses and gains due to processing or use aboard (Nominal catch).</td> <td><input type="checkbox"/></td> </tr> </table>	<input type="checkbox"/>	a) The value in the box TOTAL CATCH represents only the available data and not the total catch (no raising factor was applied)		<input type="checkbox"/>	b) The available data on catches were processed for the calculation of the total catch; please, specify whether one or more of the following methods were used:		<input type="checkbox"/>	Were original data from landings ...	<input type="checkbox"/>	<input type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).	<input type="checkbox"/>	<input type="checkbox"/>	Corrected from logbook information (e.g. for species composition)	<input type="checkbox"/>	<input type="checkbox"/>	Corrected from size frequency and species composition information (through port sampling)	<input type="checkbox"/>	<input type="checkbox"/>	Raised on the basis of the total number of trips	<input type="checkbox"/>	<input type="checkbox"/>	Corrected from size frequency and species composition information (through port sampling)	<input type="checkbox"/>	<input type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).	<input type="checkbox"/>
<input type="checkbox"/>	a) The value in the box TOTAL CATCH represents only the available data and not the total catch (no raising factor was applied)																																
<input type="checkbox"/>	b) The available data on catches were processed for the calculation of the total catch; please, specify whether one or more of the following methods were used:																																
<input type="checkbox"/>	Were original data from landings ...	<input type="checkbox"/>																															
<input type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).	<input type="checkbox"/>																															
<input type="checkbox"/>	Corrected from logbook information (e.g. for species composition)	<input type="checkbox"/>																															
<input type="checkbox"/>	Corrected from size frequency and species composition information (through port sampling)	<input type="checkbox"/>																															
<input type="checkbox"/>	Raised on the basis of the total number of trips	<input type="checkbox"/>																															
<input type="checkbox"/>	Corrected from size frequency and species composition information (through port sampling)	<input type="checkbox"/>																															
<input type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).	<input type="checkbox"/>																															

INSTRUCTIONS AND CODES, Form 1- Nominal Catch

Nominal catches of tuna, tuna-like species, sharks and NTAD (non target, associated and dependent species) by fishing boats of the reporting country should be submitted to IOTC as early as possible. This should be before the 30th of June of the year following the reporting period. Landings by foreign fishing boats, chartered by or under joint venture arrangements with the reporting country, should be reported **separately** using this form.

Nominal catch refers to the catch of the species in question in the year under reference, corrected for losses or gains in weight from processing, preservation and use on board the vessels for food, bait, etc.

PAGE: Number of the present page versus the total number of pages used to record the Nominal Catches in the year under reference.

YEAR: The information compiled in this form should correspond to a calendar year when the catches were made (use the landings whenever the catches are not available).

REPORTING COUNTRY: Name of the country submitting the catch statistics.

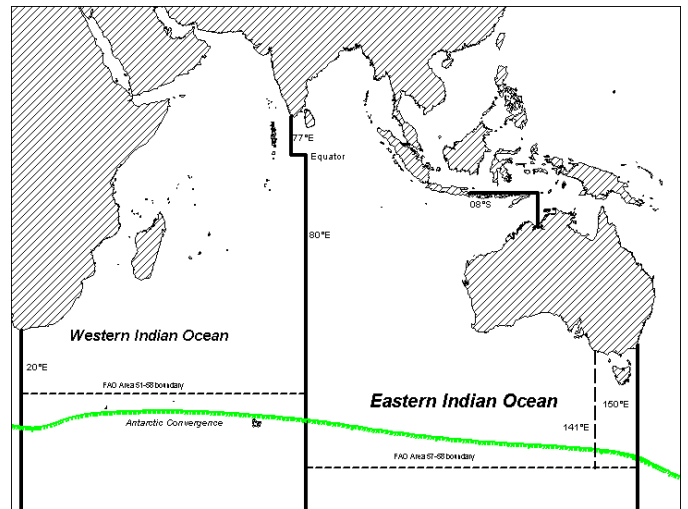
FLAG COUNTRY: Name of the country under whose flag the fishing boats are operating (joint venture arrangements). Please submit separate forms for national and foreign flag vessels.

GEAR: Major fishing gear used by the fleet component covered in this sheet. Note that a separate sheet should be completed for each gear.

CATCH UNITS: Specify the units which the catch is recorded [i.e. metric tonnes (MT), kilograms (kg), number of specimens (n)].

IOTC AREA: Major fishing area where each fleet is operating. Please use the IOTC fishing areas (see map on the right):

IOTC AREA	IOTC CODE
Western Indian Ocean	WEST
Eastern Indian Ocean	EAST



SPECIES LOCAL NAME: The most usual name/s used in the country to call the species of reference. A sole species (or species group) should be recorded in each line.

SPECIES SCIENTIFIC NAME: The scientific name/s the species has/have.

SPECIES THREE-ALPHA CODE: The international three-alpha code the species is/are referred to (please find attached a list including the three-alpha codes of the species or species groups most commonly caught).

ACTUAL CATCH: The catches have been covered for each gear, IOTC area and species (unprocessed catch).

TOTAL CATCH: The total catch for each year, IOTC area and species (processed catch).

DATA PROCESSING: The questions in this section are intended for IOTC to better understand the way the data are obtained and processed in each country.

Point 1 includes questions about the source or sources the data were obtained from. Please tick one or more of the options in the list specifying the percentage of catch covered in relation to the estimated total catch.

Point 2 includes questions about how the data were processed for the calculation of the total catch. Please, tick **a** if the data did not undergo any processing or **b** in case of processed data. In case the data were processed tick one or more of the four first options or one or more of the second three options down **b** depending on which data were used as source for the calculation, landing or logbook data, respectively.

Example: The example on the right shows the way the form should be completed.

Indian Ocean Tuna Commission
Commission des Thons de l'Océan Indien

Tuna Statistics in the Indian Ocean

IOTC FORM 1: NOMINAL CATCH

PAGE	1	OF	2	REPORTING COUNTRY	Malaysia	GEAR	Unclassified
YEAR	1,998	FLAG COUNTRY	Malaysia	CATCH UNITS	Tonnes	NB: A SEPARATE SHEET SHOULD BE COMPLETED FOR EACH GEAR	

IOTC AREA	SPECIES LOCAL NAME	SPECIES SCIENTIFIC NAME	SPECIES THREE-ALPHA CODE	ACTUAL CATCH	TOTAL CATCH	DATA PROCESSING <small>(These questions are intended for IOTC to better understand the way the data are obtained and processed in your country. Please, read them carefully, providing the best responses to your understanding.)</small>																											
East	Aya / Kayu / Tongkol	<i>T. tonggol, Auxis spp., E. a</i>	LOT, FRZ	6,548	9,391	1 Basic data used for the calculation of the total catch: please, specify which of the following data are available (by ticking on the left) and what was the respective coverage for the year being reported:																											
East	Tenggiri	<i>Scomberomorus commers</i>	COM	3,659	4,857	<table border="0" style="width: 100%; font-size: x-small;"> <tr> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 65%;">a) Landing statistics from Port or Customs Authorities</td> <td style="width: 15%;">Proportion of landings covered:</td> <td style="width: 15%; text-align: center;">%</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Landing statistics from Port Sampling Surveys</td> <td>Proportion of landings covered:</td> <td style="text-align: center;">60 %</td> </tr> <tr> <td><input type="checkbox"/></td> <td>c) Statistics from Fish Marketing Channels</td> <td>Proportion of landings covered:</td> <td style="text-align: center;">%</td> </tr> <tr> <td><input type="checkbox"/></td> <td>d) Landing statistics from local Shipping Agencies</td> <td>Proportion of landings covered:</td> <td style="text-align: center;">%</td> </tr> <tr> <td><input type="checkbox"/></td> <td>e) Logbooks completed by vessels' skippers</td> <td>Proportion of logbooks covered:</td> <td style="text-align: center;">%</td> </tr> </table>	<input type="checkbox"/>	a) Landing statistics from Port or Customs Authorities	Proportion of landings covered:	%	<input checked="" type="checkbox"/>	b) Landing statistics from Port Sampling Surveys	Proportion of landings covered:	60 %	<input type="checkbox"/>	c) Statistics from Fish Marketing Channels	Proportion of landings covered:	%	<input type="checkbox"/>	d) Landing statistics from local Shipping Agencies	Proportion of landings covered:	%	<input type="checkbox"/>	e) Logbooks completed by vessels' skippers	Proportion of logbooks covered:	%							
<input type="checkbox"/>	a) Landing statistics from Port or Customs Authorities	Proportion of landings covered:	%																														
<input checked="" type="checkbox"/>	b) Landing statistics from Port Sampling Surveys	Proportion of landings covered:	60 %																														
<input type="checkbox"/>	c) Statistics from Fish Marketing Channels	Proportion of landings covered:	%																														
<input type="checkbox"/>	d) Landing statistics from local Shipping Agencies	Proportion of landings covered:	%																														
<input type="checkbox"/>	e) Logbooks completed by vessels' skippers	Proportion of logbooks covered:	%																														
						2 Explain how catches recorded in the box Total Catch were calculated (tick on the left)																											
						<table border="0" style="width: 100%; font-size: x-small;"> <tr> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 65%;">a) The value in the box TOTAL CATCH represents only the available data and not the total catch (no raising factor was applied)</td> <td style="width: 30%;"></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) The available data on catches were processed for the calculation of the total catch; please, specify whether one or more of the following methods were used:</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td style="font-size: x-small;">Were original data from landings ...</td> <td style="font-size: x-small;">Raised on the basis of the total number of landings</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td style="font-size: x-small;">Corrected for weight losses and gains due to processing or use aboard (Nominal catch).</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td style="font-size: x-small;">Corrected from logbook information (e.g. for species composition)</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td style="font-size: x-small;">Corrected from size frequency and species composition information (through port sampling)</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td style="font-size: x-small;">Were original data from logbooks ...</td> <td style="font-size: x-small;">Raised on the basis of the total number of trips</td> </tr> <tr> <td><input type="checkbox"/></td> <td style="font-size: x-small;">Corrected from size frequency and species composition information (through port sampling)</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td style="font-size: x-small;">Corrected for weight losses and gains due to processing or use aboard (Nominal catch).</td> <td></td> </tr> </table>	<input type="checkbox"/>	a) The value in the box TOTAL CATCH represents only the available data and not the total catch (no raising factor was applied)		<input checked="" type="checkbox"/>	b) The available data on catches were processed for the calculation of the total catch; please, specify whether one or more of the following methods were used:		<input type="checkbox"/>	Were original data from landings ...	Raised on the basis of the total number of landings	<input checked="" type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).		<input type="checkbox"/>	Corrected from logbook information (e.g. for species composition)		<input type="checkbox"/>	Corrected from size frequency and species composition information (through port sampling)		<input type="checkbox"/>	Were original data from logbooks ...	Raised on the basis of the total number of trips	<input type="checkbox"/>	Corrected from size frequency and species composition information (through port sampling)		<input type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).	
<input type="checkbox"/>	a) The value in the box TOTAL CATCH represents only the available data and not the total catch (no raising factor was applied)																																
<input checked="" type="checkbox"/>	b) The available data on catches were processed for the calculation of the total catch; please, specify whether one or more of the following methods were used:																																
<input type="checkbox"/>	Were original data from landings ...	Raised on the basis of the total number of landings																															
<input checked="" type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).																																
<input type="checkbox"/>	Corrected from logbook information (e.g. for species composition)																																
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<input type="checkbox"/>	Were original data from logbooks ...	Raised on the basis of the total number of trips																															
<input type="checkbox"/>	Corrected from size frequency and species composition information (through port sampling)																																
<input type="checkbox"/>	Corrected for weight losses and gains due to processing or use aboard (Nominal catch).																																

INSTRUCTIONS AND CODES, Form 3 - Catch-and-Effort

(Fleets Not Providing Logbook Information)

Catch and effort statistics should include information on all the fleet or a representative sample of the fleet of the reporting country. Catch and effort information for foreign fishing boats, chartered by the reporting country or under joint venture arrangements, should be reported **separately** using this form. Catch and effort data should be reported by month and by 1°*1° grid areas for surface fisheries or 5° * 5° grid areas for longline fisheries, whenever the detailed information is available.

The present form is to be used only in case these required standards cannot be fulfilled. This form is composed of two sheets including the first a map of the country where the areas of operation or the landing sites for the country fleet are to be specified (either by drawing the area of operation or locating the landing place) and the second the catch and effort statistics recovered in each of such areas or ports (use this second page as many times as needed to record all catch and effort data available).

This information should be submitted as early as possible, preferably before the 30th of June of the year following the catch. Please number the sheets and include the total number of forms used for the year.

PAGE: Number of the present page versus the total number of pages used to record the Catch and Effort Statistics in the year under reference.

YEAR: The information compiled in this form should correspond to a calendar year.

REPORTING COUNTRY: Name of the country submitting the catch and effort statistics.

FLAG COUNTRY: Name of the country under whose flag the fishing boats are operating (only where charter or joint venture operations are involved with catch declared as that of the reporting country).

TYPE OF GEAR: Major fishing gear used by each type of boat and boat size range fishing vessels.

COVERAGE: Specify both the **NUMBER OF LOGBOOKS RECOVERED** versus the **TOTAL NUMBER OF TRIPS** and the **CATCH MONITORED** versus the **TOTAL CATCH** by each type of boat, boat size range and type of gear in the year under reference.

TYPE OF BOAT: Any boat classification used in the country of reference (local name, etc.). Please enclose a short description of the boat characteristics.

BOAT SIZE: Use the category (**BOAT SIZE RANGE**) and unit of measurement in which the boats are classified [**BOAT SIZE TYPE**: gross registered tons (GRT), length over all (LOA), carrying capacity (CC)], indicating the unit used (**BOAT SIZE UNITS**: metres, feet, tonnes, number of specimens etc.).

UNIT OF EFFORT: Specify the unit in which effort is measured (i.e. trips, fishing days, boat days, number of hauls, (1000) hooks, length of the net, etc.). The units of effort recommended are the number of hooks for the longline fishery and fishing days for surface fisheries. If other units are used, please note this in the upper right corner and follow the recommended units in the *IOTC Manual for Collecting Statistics and Sampling*.

UNIT OF CATCH: Specify the units of weight used (i.e. kilogrammes, tonnes, number of specimens, etc.).

MONTH: Catch and effort data should be provided on a monthly basis for each gear (use monthly numeration or the English month abbreviation). In case monthly information is not available the data should be reported as disaggregated as possible, specifying in this column the period the data refer to (from which date to which date)

NAME OF THE AREA: Specify either the name of the area or the landing place the data are from (as indicated on page 1 of this form).

EFFORT: Enter the effort by month (period) and area (landing place) using the unit indicated above (UNIT OF EFFORT).

TOTAL CATCH: Enter the total catch by month (period) and area (landing place) using the unit of catch indicated above (UNIT OF CATCH).

CATCH BY SPECIES: Enter the catch by species category using the 3-Alpha codes provided in Annex. If the codes do not cover the species composition available, include an explanation of the categories used.

Example: The example below shows the way the form should be completed.

Indian Ocean Tuna Commission
Commission des Thons de l'Océan Indien

Tuna Statistics in the Indian Ocean
IOTC FORM 3B: CATCH AND EFFORT STATISTICS
(FLEETS NOT PROVIDING LOGBOOK INFORMATION)

PAGE 1 OF 5	REPORTING COUNTRY MALAYSIA	YEAR 1998																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>REPORTING COUNTRY</td> <td>Malaysia</td> </tr> <tr> <td>FLAG COUNTRY</td> <td>Malaysia</td> </tr> <tr> <td>YEAR</td> <td>1998</td> </tr> <tr> <td>TYPE OF GEAR</td> <td>Gillnet</td> </tr> </table>		REPORTING COUNTRY	Malaysia	FLAG COUNTRY	Malaysia	YEAR	1998	TYPE OF GEAR	Gillnet	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2">COVERAGE</td> <td>NUMBER OF TRIPS MONITORED</td> <td>TOTAL NUMBER OF TRIPS</td> </tr> <tr> <td>CATCH MONITORED</td> <td>TOTAL CATCH</td> </tr> <tr> <td></td> <td>145</td> <td>567</td> </tr> <tr> <td></td> <td>298</td> <td>788</td> </tr> </table>		COVERAGE	NUMBER OF TRIPS MONITORED	TOTAL NUMBER OF TRIPS	CATCH MONITORED	TOTAL CATCH		145	567		298	788
REPORTING COUNTRY	Malaysia																					
FLAG COUNTRY	Malaysia																					
YEAR	1998																					
TYPE OF GEAR	Gillnet																					
COVERAGE	NUMBER OF TRIPS MONITORED	TOTAL NUMBER OF TRIPS																				
	CATCH MONITORED	TOTAL CATCH																				
	145	567																				
	298	788																				
TYPE OF BOAT Inboard Powered Vessel	BOAT SIZE RANGE From 0 To 70	BOAT SIZE TYPE GRT	BOAT SIZE UNITS TONNES																			
UNIT OF EFFORT Number of trips	UNIT OF CATCH kilograms																					
MONTH	NAME OF THE AREA (As indicated on the Map)	EFFORT	TOTAL CATCH	CATCH BY SPECIES (Record the species three alpha code in top row)																		
				LOT	FRZ	COM																
JAN	PERLIS	12	30	12	18																	
JAN	KEDAH	15	21	16	5																	
JAN	PULAU PINANG	43	228	159	69																	
JAN	PERAK	15	24	15	9																	
JAN	SELANGOR	78	599	432	167																	
FEB	PERLIS	7	16	16																		
FEB	KEDAH	16	93	14	79																	
FEB	PULAU PINANG	45	170	125	45																	
FEB	PERAK	27	72	40	32																	
FEB	SELANGOR	87	756	489	267																	
MAR	PERLIS	8	17	15	2																	
MAR	KEDAH	17	51	45	6																	
MAR	PULAU PINANG	40	201	178	23																	
MAR	PERAK	12	12	5	7																	
MAR	SELANGOR	78	351	326	25																	
APR	PERLIS	4	14	12	2																	
APR	KEDAH	11	16	12	4																	
APR	PULAU PINANG	34	391	235	156																	



Tuna Statistics in the Indian Ocean
IOTC FORM 5: FOREIGN TUNA VESSELS ACTIVITY

PAGE _____ OF _____

REPORTING COUNTRY _____

PORT OF LANDING _____

YEAR _____

NAME OF THE VESSEL	VESSEL IDENTIFICATION			FLAG COUNTRY	PORT OF REGISTRATION	GEAR	BOAT SIZE / UNITS	BOAT SIZE TYPE	FISH PRESERVATION	LAST PORT OF CALL	TRIP LENGTH
	LLOYD'S REGISTRATION NUMBER (1)	NATIONAL REGISTRATION NUMBER (2)	RADIO CALL SIGN (3)								
	1										DEP
	2										ARR
	3										
	1										DEP
	2										ARR
	3										
	1										DEP
	2										ARR
	3										
	1										DEP
	2										ARR
	3										
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	1										DEP
	2										ARR
	3										
	1										DEP
	2										ARR
	3										
	1										DEP
	2										ARR
	3										
	1										DEP
	2										ARR
	3										

INSTRUCTIONS AND CODES, Form 5 – Foreign Tuna Vessels Activity

The foreign tuna vessels activity (hereinafter referred to as FTVA) record form should include every call (arrival) made at the port of reference by foreign fishing vessels in each year. Reefer cargoes should not be included. One line is to be used to record each call.

This record should be sent to IOTC every year, using as many forms as necessary. This should be before the 30th of June of the year following the reporting period. Please number the sheets and include the total number of forms used in the year. Individual records on this data sheet are kept strictly confidential.

PAGE: Number of the present page versus the total number of pages used to record the FTVA in the year under reference.

REPORTING COUNTRY: Name of the country submitting the FTVA statistics.

PORT OF LANDING: Harbour where the calls were recorded. Note that a separate sheet should be completed for each port.

YEAR: The data should preferably be over a calendar year.

NAME OF THE VESSEL: The name (please use English wording) the vessel had when its call was recorded.

VESSEL IDENTIFICATION: Record the **LLOYD'S REGISTRATION NUMBER** [(1) this number, which does not change if a ship reflags, is only found on the ship's documents], **NATIONAL REGISTRATION NUMBER** [(2) this number, apart of being on the ship's documents, may also be painted on the sides and deck of the vessel; the pattern is different for each country and can be composed of letters and/or numbers] and **RADIO CALL SIGN**. [(3) This is the most important vessel identification code to be collected. The International Radio Call Sign is normally painted on the sides and deck of the vessel. It bears the country code allocated to a flag state by the International Telecommunication Union (ITU), followed by the letters/numbers that identify the radio station (the ship). It is also entered in the ship's papers. Vessels to which no international radio call sign has been assigned are normally marked with the characters allocated by ITU to the flag state, followed by an hyphen and the licence or registration number assigned by the flag state] of the vessel calling to port.

FLAG COUNTRY: The country the vessel is registered.

PORT OF REGISTRATION: The port the vessel is registered. (this is normally painted on the stern of the vessel below the name).

GEAR: The main gear used should be coded as follows:

FISHING GEAR	CODE
Gillnet	GILL
Handline	HAND
Longline	LL
Pole and Line	BB

FISHING GEAR	CODE
Purse-seine	PS
Troll Line	TROL
Unclassified	UNCL

If information is available on the specifics of the gear, this can be included as an addendum to the code. For example, deep longlines would be LLD and shallow longlines LLS. Please explain the use of such modifications.

BOAT SIZE: The size the vessel has specifying on the right box the unit of measurement which the boat is classified [**BOAT SIZE TYPE:** gross registered tons(GRT), length over all (LOA), carrying capacity (CC)], and on the small box below the unit used (**UNITS:** metres, feet, tonnes, number of specimens etc.).

FISH PRESERVATION: Specify the type or types of fish preservation on board by using the following codes:

SYSTEM	CODE	NOTES
Ice	ICE	For boats carrying only ice.
0 ^o to -30 ^o C	FRZ	For boats with cold storage between 0 ^o and -30 ^o .
below -30 ^o	DFRZ	For boats provided with cold storage below -30 ^o .
Brine	BRI	For boats using brine.
RSW	RSW	For boats using refrigerated sea water
Salt	SALT	For boats using only salt.
None	NON	For boats with no preservation facilities.

LAST PORT OF CALL: The name of the last port the vessel call to before its present call.

TRIP LENGTH: Date of departure [(DEP) available from the ship logbook] of the trip which is finishing with this call versus the date of arrival of the present trip (ARR). Please, use the format day-month-year (example: 25/4/00) to complete both records.

Example: The example on the right shows the way the form should be completed.

iotc ctoi		Indian Ocean Tuna Commission Commission des Thons de l'Océan Indien		FAO		Tuna Statistics in the Indian Ocean IOTC FORM 5: FOREIGN TUNA VESSELS ACTIVITY				
PAGE 1 OF 6		REPORTING COUNTRY Mauritius		PORT OF LANDING Port Louis		YEAR 1,999				
NAME OF THE VESSEL	VESSEL IDENTIFICATION		FLAG COUNTRY	PORT OF REGISTRATION	GEAR	BOAT SIZE / UNITS	BOAT SIZE TYPE	FISH PRESERVATION	LAST PORT OF CALL	TRIP LENGTH
	LLOYD'S REGISTRATION NUMBER (L)	NATIONAL REGISTRATION NUMBER (N)								
Long Ping Tzay	1	5893657	Belize	Belize	Longline	45.0 metres	LOA	DFRZ	Port Louis	DEP 15/07/1998
	2	2698								ARR 02/01/1999
	3	V3C FJN								
Long Ping Lih	1	6897462	Netherland Antilles	Willemstad	Longline	54.2 metres	LOA	DFRZ	Port Louis	DEP 16/10/1998
	2	18953-90								ARR 03/01/1999
	3	PJB 5567								
Long Ping Sheng	1	5698327	Belize	Belize	Longline	120.0 tonnes	GRT	Ice	Phuket	DEP 18/12/1998
	2	987658								ARR 05/01/1999
	3	V3J JTT								
Long Ping Chyun	1	3925789	Honduras	Puerto Cortes	Longline	28.0 metres	LOA	Ice/RSW	Ambon	DEP 25/12/1998
	2	25786								ARR 06/01/1999
	3	HQZ 46MV								
Tsui Shui 430	1	2598767	Ivory Coast	Abidjan	Purse-seine	1,450.0 tonnes	GRT	Brine	Medan	DEP 03/12/1998
	2	AN 659								ARR 12/01/1999
	3	TJA 2756								
Tsui Yuan Yu 902	1	2569714	Belize	Belize	Longline	800.0 number	CC	FRZ	Benoa	DEP 16/11/1998
	2	79658								ARR 15/01/1999
	3	V3H RRD								
Sheng Shui 416	1	657921	Honduras	Puerto Cortes	Longline	400.0 cubic meters	CC	FRZ	Cilacap	DEP 19/12/1998
	2	AF54598								ARR 16/01/1999
	3	HQC 43ED								
Qi Shui 429	1	4589714	Panama	Colon	Pole and L	120.0 tonnes	CC	Brine	Port Louis	DEP 24/12/1998
	2	PAN1895390								ARR 20/01/1999
	3	HPZ 512 E								
Ming Yuan Yu 900	1	9873654	Honduras	Puerto Cortes	Longline	269.0 tonnes	GT	Ice	Port Louis	DEP 01/01/1999
	2	34098								ARR 24/01/1999
	3	HRB 54CS								
Long Ping Lih	1	6897462	Netherland Antilles	Willemstad	Longline	54.2 metres	LOA	DFRZ	Port Louis	DEP 03/01/1999
	2	18953-90								ARR 24/01/1999
	3	PJB 5567								
Sheng Shui 415	1	1608974	Honduras	Puerto Cortes	Longline	480.0 cubic meters	CC	DFRZ	Port Louis	DEP 16/01/1999
	2	667090								ARR 24/01/1999
	3	HRZ 34DD								

INSTRUCTIONS AND CODES, Form 6 - VESSEL REGISTRY

IOTC request Member and Non-Member Cooperating Parties to submit, **by the 30th June** of each year, a list of their vessels **greater than 24 m LOA that have fished for tuna and tuna-like species in the IOTC Area of Competence**. Parties can also submit, on a voluntary basis, a list of the vessels of **less than 24 m LOA** fishing for such species in the IOTC Area.

In the table listed below the basic information required is described. This information can be sent in any format, preferably in electronic media (through e-mail, sent to: iotcsecr@seychelles.net).

Data Item	Obligation	Explanatory Note
Vessel Name	Mandatory	
Lloyd's Registration No.	Mandatory	For vessels of over 100GT registered with Lloyd's The Lloyd's registration number does not change if a ship reflags and is only found on the ship's documents.
National Registration No.	Mandatory	
International Radio Call Sign	Mandatory	The International Radio Call Sign is normally painted on the sides and deck of the vessel. It bears the country code allocated to a flag state by the International Telecommunication Union (ITU), followed by the letters/numbers that identify the radio station (the ship). It is also entered in the ship's papers. Vessels to which no international radio call sign has been assigned are normally marked with the characters allocated by ITU to the flag state, followed by an hyphen and the licence or registration number assigned by the flag state.
Flag Country		Country where the vessels is registered
Previous Flag	If any	
Vessel Type	Mandatory	For multipurpose vessels, list all gears in order of importance
LOA (Length Overall)	Mandatory	
GRT (Gross Registered Tonnage)	Or	If GT not known
GT (Gross Tonnage)	Or	Preferred
Name and address of owner	Mandatory	
Name and address of charterer	Mandatory	If any
Name and address of operator	Mandatory	If different from owner
BHP (Boat Horse Power)		
Year Built, Shipyard		Where and when the vessel construction was completed.
Hull material		Indicate if vessel's hull is made of wood, fiberglass, etc.
Home port	Facultative	This is the base port for the vessel. Usually painted in the stern of the vessel.
Operating port	Facultative	The port where the vessel usually operates from.
Area of operation	Facultative	Specify general area of operation (eastern Indian Ocean, Pacific Ocean, etc.
Carrying capacity	Facultative	Specify m3, t of fish, etc.
Support vessels	Facultative	List the number and type of the vessels (e.g. supply vessels) providing support to the fishing activities of this vessel.

