INTER-AMERICAN TROPICAL TUNA COMMISSION COMISIÓN INTERAMERICANA DEL ATÚN TROPICAL

72ND MEETING

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DOCUMENT IATTC-72-16

PROGRAM AND BUDGET FOR FISCAL YEAR 2006 (OCTOBER 1, 2005-SEPTEMBER 30, 2006)

Requested research budget FY 2006	US\$	5,182,908
Requested research budget FY 2005	US\$	5,016,321
Change	US\$	166,587

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1. PREFACE

In this document the proposed research program and estimates of expenditure for FY 2006 are presented, by project and specific budget objects, in US dollars.

Consistent with last year's presentation, the paper reflects the cost of the observer program, how it is funded jointly by the IATTC and the Agreement on the International Dolphin Conservation Program (AIDCP), and how other AIDCP costs are funded.

A budget crisis during FY 2003 required expenditure reductions, some of which cannot be sustained at the current level of operation. In particular, some spending on replacement equipment can no longer be deferred. At the beginning of the current financial year the Commission received payment of some contributions that were in arrears, which allowed the normal replacement of equipment to proceed.

Expected regular operations expenditure in FY 2004 is \$4,854,946, with an expected total deficit for the year of \$322,040 and a forecast bank balance at the end of the financial year of \$488,933. This is sufficient for less than one month's operation. At the time of preparing this document, the arrears in member contributions were \$2,584,529, and the uncertainty about when those will be paid makes financial management very difficult.

The budgets proposed for FYs 2005 and 2006 were made assuming inflation will increase general costs and salaries by 3%.

As indicated in several earlier documents, the costs of the IDCP exceeded its income during 2000-2003. At their meeting in June 2003, the Parties to the AIDCP approved a plan to cover all of the costs of the IDCP by charging assessments for vessels under 363 t carrying capacity, nominal fees for inactive vessels on the Regional Vessel Register, and a supplemental assessment for all Class-6 vessels, to be paid in 2003. At the time of writing, the revenue for the the AIDCP this year, including the supplemental assessment, has been \$1,894,635, compared to a forecast expenditure of \$2,062,339.

As noted last year, before 2003, the Commission has had sufficient cash reserves to carry its operations into the new financial year without receiving member contributions at the beginning of the year. Because this is no longer the case, and virtually all the reserves have been depleted, the Commission amended its financial regulations to require member contributions to be paid by 1 November of each financial year.

2. INTRODUCTION

The IATTC was established in 1950 by a convention between the governments of the Republic of Costa Rica and the United States of America, and is open to membership by other governments. The convention mandates that the populations of tunas, tuna-like fishes, and other kinds of fish taken by tuna-fishing vessels in the eastern Pacific Ocean (EPO) be maintained at levels of abundance that can support maximum yields on a sustained basis and provided for a program of investigation as a basis for management of the fisheries. Acquiring the information necessary to determine those levels of stock abundance requires a broad-based, comprehensive research program, which includes the collection of detailed data on the fisheries that take those species, and ancillary biological and environmental data.

The member governments of the Commission share the joint expenses of the research program. The Convention provides guidelines for determining budget contributions by the member governments. Each member's contribution is based on the proportion of the catch of tunas from the EPO taken by vessels of member nations that is utilized by that member nation. "Utilized" is understood to mean tuna eaten fresh or processed for internal consumption or export. Thus tunas landed by a member nation and subsequently exported round or as loins are not included in computing that nation's contribution, but those that are exported canned are so included. These contributions have been calculated from statistics compiled by the IATTC staff for calendar years before the budget period in question. In February 2004, the Finance Working group proposed that these data be provided by the members themselves, and that tuna caught by longlines and exported whole and frozen would be counted towards the utilization of the catching country, not the importing country.

To accomplish the variety of research required to meet its objectives, the Commission maintains an internationally recruited scientific staff. Most are situated at La Jolla, but others are assigned to field offices in Manta and Playas (Ecuador), Ensenada and Mazatlán (Mexico), Mayaguez (Puerto Rico), Panama (R.P.), and Cumaná (Venezuela), and at a laboratory in Achotines (R.P.). Two temporary staff, supported by external funding, were employed during FY 2005.

Fundamental to the Commission's work are basic data on the fishing activities of vessels, the catches they make, and the sizes of fish comprising the catch. These data are used to assess the impact of fishing on the abundance of the stocks being exploited. A large share of the Commission's research budget goes to this activity. A comprehensive program of placing logbooks aboard vessels based in the EPO is maintained, and the data on fishing effort and catch by time and location are extracted from these logbooks when the vessels return to port. In addition to the collection of basic statistical data, samples of the lengths of the fish in the catch are routinely taken when the fish are unloaded from the vessels. This length-measurement program is essential to studies of growth and size composition, which, in turn, are necessary for assessment of the effects of fishing on the various stocks.

The catch and fishing effort data are used to describe the distribution, by area and time, of fishing effort and the catches of each species. To manage the stocks of fish taken by tuna-fishing vessels in the EPO, the staff formulates models that can provide assessments of the impact of fishing on the stocks. This requires an understanding of the biology of the fish. Therefore, the research program provides for studies of stock structure, growth, rates of mortality and natality, times and locations of spawning and recruitment, the rates of mixing of fish among areas, behavior and physiology of the fish, effects of the environment on the abundance and distribution of the fish, and the relationships of tunas with other organisms in the ecosystem.

To manage fish stocks it is necessary to understand the relationships of fish in one area of the fishery to those in other areas, so that any management measures can be applied to all members of the stocks of fish being exploited, wherever they occur. The staff has used several approaches to study the relationships of fish of different areas. Mark-and-recapture experiments are used widely in fisheries science to provide estimates of characteristics such as growth, mortality, movements, and mixing. Extensive tagging of yellowfin or skipjack is not recommended at this time. However, increases in purse-seine catches of

bigeye tuna has put additional pressure on bigeye stocks which previously had been exploited mainly by the longline fishery which took large bigeye. Accordingly, Japan has made a commitment to provide funds for a multi-year tagging program. The initial pilot bigeye tagging project during 2000 was followed with additional tagging in 2002 and 2003. For 2004, funding was obtained from Japan of \$204,294, and Taiwan of \$5,000. Additional funds will be sought for this work in future years. This is shown separately in Table 1.

The study of the early life history of fish is vitally important in determining the dynamics of a fishery. Because of the low density of the larvae and the enormous areas in which they occur, this research is most effective when complemented by rearing larval and juvenile fishes in the laboratory, which makes large numbers of specimens available for study. Tuna are being reared at the Commission's Laboratory at Achotines, Panama, through the early life stages, and the characteristics of growth and mortality are being investigated. The annual operating costs for the laboratory, including the local staff are about \$350,000, and the project includes four full-time equivalent head office staff.

Tunas are pelagic during all stages of their lives, and changes in the ocean environment affect their apparent and real abundance. An understanding of how oceanic conditions change and how the tunas respond to their changing environment is necessary for the most efficient management of the stocks. Oceanographic, physiological, and behavioral studies are long-term, time-consuming, and expensive. Comprehensive programs of this nature are beyond the Commission's means, and efforts in this direction are therefore of a cooperative nature. The Commission's oceanographic studies are conducted on a limited scale, and rely on publicly available data.

The tuna fishery in the EPO is better documented than any other tuna fishery and, in particular, the dynamics of the yellowfin stock in the EPO are better understood than are the dynamics of most other stocks of tuna. Accordingly, the IATTC's research program in the EPO has set the standards and formed the basis for study and comparison in other parts of the world. Also, the yellowfin resource has been alternately underfished and overfished on two occasions in the past, which makes it unique among tuna fisheries and rare among all marine fisheries. It would obviously be a terrible loss to interrupt this series of data. Furthermore, it appears that after a long period up until 1998, during which the fishing effort was generally lower than the levels that would produce the maximum sustainable catches, the purse-seine fleet has increased to a level at which management measures for both yellowfin and bigeye are routinely necessary.

At its 34th meeting in 1977 the Commission directed the staff to formulate a dolphin research program that would include, *inter alia*, monitoring population sizes and mortality incidental to fishing through the collection of data aboard tuna purse seiners, aerial surveys, tagging dolphins to study their movements and abundance, analyses of indices of abundance of dolphins, and gear and behavioral research and education.

To assess the status of dolphin populations, the staff instituted an observer program for tuna vessels of the international fleet. The observers, among other things, count the dolphins that are killed or seriously injured during fishing operations and collect data that are used to estimate the relative abundance of the various species and stocks of dolphins. The budget for the research program provides funding for observers on 30% of the fishing trips of large purse-seine vessels.

Information obtained through the observer program and other surveys, coupled with logbook data gathered for the tuna studies described earlier, is being used to assess the effects of fishing on both the tuna and dolphin populations.

To meet its objective of making every reasonable effort to avoid the needless and careless killing of dolphins, the Commission's Tuna-Dolphin Program includes study of the design, development, and implementation of fishing gear and techniques that will reduce the mortality of dolphins taken in association with tunas. This program also includes workshops to pass on information to fishermen about

the use of fishing techniques and gear that have proven effective in reducing dolphin mortality.

In 1999 the AIDCP, which formalized and expanded the 1992 La Jolla Agreement, came into force. The Commission has two principal functions under the IDCP: the IATTC observer program covers the majority of fishing trips made by purse-seine vessels over 363 t carrying capacity (the others are covered by the respective national programs), and the IATTC staff acts as secretariat to the IDCP. As noted above, the IATTC dolphin research program provides for 30% coverage of the trips made by these larger vessels. The remaining cost of the coverage required by the AIDCP, along with certain other costs associated with the IDCP, is met by the assessments paid by these vessels based on their individual carrying capacities.

Since the initiation of the program, the information collected by the observers has included records of the catches and bycatches of tunas and other species. Because it is difficult to allocate the costs of the observer program, the costs of all data collection by observers and research associated with bycatches have been included in the Tuna-Dolphin Program. In 1997 the Commission established a Working Group on Bycatch, whose objectives recognized the need to ensure the sustainability of the stocks of all target and bycatch species. International standards require the consideration of ecosystems in fisheries management, and the information gathered by the observer program and the work of the Working Group on Bycatch are important contributions to that end.

3. PROGRAM DESCRIPTION BY PROJECT¹, FY 2006

PROJECT A

Administrative and other costs jointly chargeable to all projects

The costs of administration and bookkeeping and various expenses of the headquarters, such as some of the costs of printing, translation, library, postage, etc., not easily allocated to individual research projects, are allocated and accounted for under this heading. Includes the costs of work related to the Commission's fisheries management policies and costs associated with meetings.

- \$375,779 All or part of the gross salaries of administrative personnel, including the Director, two fisheries policy and management staff, Executive Officer, Administrative Assistant, secretary to the Director, one bilingual secretary, the computer systems and web page management staff, and a translator.
- \$102,591 Meeting expenses, travel to and from Commission meetings and travel of administrative staff.

PROJECT C

Collection, compilation, and analysis of catch statistics and logbook data

Statistical records of the tuna fishery, obtained directly from the fishing fleet and processing plants, provide the data base for measuring the effects of fishing on the abundance of the stocks, and hence are of paramount and continuing importance to the Commission's program.

\$652,138 Gross salaries for 11 full-time equivalent headquarters staff.

PROJECT D

\$1,770,487

\$1,042,860

\$723,660

Investigations of the biology, life history, vital statistics, population structure, and behavior of tunas and billfishes

This project consists of several important studies, which are designed to increase the available knowledge

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¹ Only the main items are listed under each project; other items are office costs, insurance, taxes, etc.

of the life history of the tunas and billfishes of the EPO. Such knowledge, along with catch and effort data, is used to formulate models for evaluating the effect of fishing on the abundance of the stocks. The project has several important objectives, which can be grouped into the following categories:

- 1. Investigation of biology and behavior.
- 2. Determination of the important features of the early life history of the fish and the factors that affect the recruitment of young fish to the exploitable population.
- 3. Stock assessment and the description of the dynamics of the populations of tunas and other fishes in the EPO.
- 4. The development of models of ecosystems, including tuna, in the EPO.
- 5. Studies of some of the species of billfishes taken by commercial and recreational fisheries in the EPO.

Data for these types of research are obtained from the examination of tunas and billfishes at ports of landing, the analysis of information from vessel logbooks, studies conducted at sea on research and fishing vessels, and laboratory experiments.

\$1,186,651 Gross salaries of 13 headquarters full-time equivalents (FTEs), divided among the following areas of research:

	FTE
Biology and behavior	2
Tuna early life history	4
Stock assessment of tunas and billfish	6
Tuna ecosystems	1

\$350,000 Fuel, fish food, and other supplies, and salaries for 20 locally-contracted staff, for the Achotines Laboratory.

PROJECT E

Investigations of the oceanic circulation and other aspects of chemical and biological oceanography and their relationship to the populations of tunas and billfishes

Fishing success depends on the abundance and behavior of tunas, which in turn are influenced by oceanographic conditions. Oceanographic information forms a vital part in the assessment of stocks. However, in recent years, this project has operated on a much-reduced scale, without permanent scientific staff and using publicly-available data.

\$16,814 Gross salary of less than one full-time equivalent.

PROJECT F

Tuna tagging and recovery to study movements, rates of intermingling of stocks, mortality, and growth

Tuna tagging experiments yield knowledge on movements, population structure, growth, mortality, behavior, and availability and vulnerability to capture of tunas in various areas of the fishery at various times.

Current activities include tagging of bigeye tuna, the maintenance of the tagging data base and collection of information on fish tagged by other organizations which are returned to IATTC personnel in ports at which they are stationed.

Additional voluntary funding is being sought for bigeye tagging for FY 2004-2006. The projected expenditure and funding for this is shown separately in Table 1.

\$117,232 Gross salary of two full-time equivalents.

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\$173,466

\$23,244

PROJECT H

Tuna-Dolphin Program (excluding observer costs)

In keeping with the objectives of the Commission's dolphin investigations and the major areas of research outlined in the introductory statement, this program has been grouped into the following major areas of activity, summarized below.

- 1. Participation in the planning, execution, and analysis of scientific surveys.
- 2. Studies of indices of dolphin abundance, using data collected by observers on purse seiners.
- 3. Keeping abreast of gear and behavioral research and evaluating new concepts aimed at reducing dolphin mortality, organizing gear workshops, identifying, developing, and preparing recommendations for the adoption of dolphin-saving technology, and furnishing advice and assistance to fishermen to ensure that their dolphin-saving gear is working properly.
- 4. Staff support for the IATTC portion of the observer program.
- 5. Studies of bycatches of tunas and other species incidental to fishing for tunas.

\$367,052 Gross salaries for 5 headquarters full-time equivalents.

PROJECT I

Observer program costs

Direct costs of observers and the costs of administering the program. The funding for this project is divided between the IATTC and AIDCP in the proportions of 30% and 70%.

- 1. Collection of dolphin data aboard purse seiners by observers. The scientific objective is to have these observers aboard enough trips of Class-6 purse seiners equipped to fish for tunas associated with dolphins to ensure that the estimates of the total dolphin mortality derived from the data collected are statistically reliable. For the IDCP, observers from the IATTC and national programs of Ecuador, the European Union, Mexico, and Venezuela extend the coverage to 100%.
- 2. Collection of fishery or biological data by observers on catches and discards of tunas and associated species. These data supplement data collected from vessel logbooks.

The information is also used to monitor compliance with rules established by the IATTC and AIDCP.

\$675,783 Gross salaries for 11 headquarters full-time equivalents.

\$1,508,118 Observer compensation, taxes, travel, and equipment.

PROJECT J

Other AIDCP costs

Providing logistic and administrative support for the IDCP, the secretariat role for the International Review Panel (IRP), and the cost of crew seminars and trial sets.

\$275,425 Gross salaries for 3 headquarters full-time equivalent administrative staff.

OTHER SPECIAL PROJECTS

This category includes projects funded by from extrabudgetary sources. During FY 2004 these included studies of purse-seine bycatch mitigation funded by the US Department of State, two contracts funded by the Pelagic Fisheries Research Program of the University of Hawaii, one dealing with modeling of protected species and the other with trophic structure of communities including tuna, and joint projects with the University of Miami at the Achotines Laboratory. The projects include support for 2 temporary

\$676,543

\$2,575,494

\$404,814

\$180,029

scientific staff.

4. EXPLANATION OF OBJECT CLASS ESTIMATES, FY 2006

Salaries (01)

The permanent scientific, administrative, clerical, and technical personnel required to carry out the duties of the Commission.

Social Security (02)

US social security taxes on employees, plus equivalent taxes in other countries where IATTC employees are stationed.

Retirement Plans (03)

The IATTC's pension plan is administered by the International Fisheries Commissions Pension Society (IFCPS) in Ottawa, under a deposit administration plan that provides level funding over periods of approximately three years. The administrative costs of the IFCPS are expected to increase in the future and a reduced return on the pension funds invested has required a higher funding by the Commission for the plan. During FY 2002 a defined contribution plan was introduced for new employees in place of the existing defined benefit plan.

Group Insurance (04)

California Workmen's Compensation Tax, and life, disability, medical, and accident insurance. The costs of insurance, particularly medical insurance, are currently rising much faster than the rate of inflation.

Rents, Utilities, Maintenance (05)

Rent and utilities for the Commission's offices and laboratories, and maintenance costs for Commission property.

Materials and Supplies (06)

Includes office supplies, and the costs of fuel and other supplies for the Achotines Laboratory.

Equipment and Property (07)

The major items in this category are computers and other office machines and vehicles. As an economy measure no vehicles were replaced in FY 2002 and none are planned to be replaced in FY 2003; however, replacement of vehicles may be necessary in FY 2004 and 2005.

Postage (08)

Includes mail and courier services. Using e-mail and the web site for the distribution of documents has reduced these costs.

Printing and Duplication (09)

The prompt publication of research results is a necessary and important part of the IATTC's scientific program.

Travel and Subsistence (10)

Travel and subsistence costs incurred by IATTC staff members. Does not include observer travel and other associated costs, which are accounted for under Observer Costs (13).

Contractual Services (11)

Legal and professional fees (e.g. auditing), contracts with short-term specialists, casual labor costs, computer charges, and simultaneous interpretation services.

Direct AIDCP Costs (12)

Direct costs associated with the IDCP such as trial sets, dolphin-safe certification and staff travel for AIDCP meetings.

\$339,562

\$150,280

\$172,787

\$155,920

\$43.584

\$34.137

\$233,464

\$572,330

\$43,178

\$255,979

\$3,666,873

\$354,463

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Observer Costs (13) Wages and expenses for observers.	\$1,508,118
Taxes, Insurance, and Licenses (14) Insurance and licenses for Commission vehicles, insurance and taxes on real proper permits.	\$33,159 sty, and the cost of
Miscellaneous (15) Dues, subscriptions, interest, bank and finance charges, losses (or gains) on currence similar miscellaneous costs.	\$6,760 sy exchange, and
Bigeye Tagging Project (16)	\$290,000

Chartering a pole-and-line vessel, purchase of tags and tag rewards, and sea pay.

59

50

TABLE 1. Comparative figures, in US\$, by project, FY 2003-2006.**TABLA 1.** Cifras comparativas, en US\$, por proyecto, AF 2003-2006.

EXPENDITURE – GASTOS						
		2003	2004	2005	2006	Change from
	FY-AF	(actual	(estimated	(recommended	(recommended	Cambio de
		reales)	estimados)	recomendados)	recomendados)	FY/AF 2005
RE	GULAR OPERATIONS—OPERACIONES REGULARES					
Α	Administrative expenditures					
	Gastos administrativos	627,208	678,892	699,416	723,660	24,244
С	Collection and analysis of catch statistics					
	Recolección y análisis de estadísticas de captura	977,368	978,345	1,007,922	1,042,860	34,938
D	Biology of tunas and billfishes					
	Biología de atunes y peces picudos	1,675,926	1,660,959	1,711,172	1,770,487	59,315
Е	Oceanography					
	Oceanografía	28,968	21,806	22,465	23,244	779
F	Tuna tagging					
	Marcado de atún	152,569	162,735	167,655	173,466	5,811
Н	Tuna-Dolphin Program (excluding observer costs)					
	Programa Atún-Delfín (excluye costos de observadores)	537,478	634,690	653,877	676,543	22,666
T	IATTC observer costs (30%)					
1	Costo de observadores de la CIAT (30%)	683,883	717,519	743,840	772,648	28,808
Total regular operations						
	Total operaciones regulares	4,683,400	4,854,946	5,006,348	5,182,908	176,560
	SPECIAL PROJECTS—PROYECTOS ESPECIALES					
Bige	ye tagging project – Proyecto de marcado de patudo	287,799	244,000	290,000	290,000	0
Othe	r projects—Otros proyectos		251,850	174,786	180,029	5,244
	Subtotal:	287,799	495,850	464,786	470,029	5,244
AID	CP—APICD:					
Ι	Observer costs(70%)—Costos de observadores(70%)	1,595,726	1,674,210	1,735,627	1,802,846	67,219
J	Other costs of AIDCP—Otros costos del APICD	378,755	388,129	389,206	404,814	15,608
	Subtotal:	1,974,481	2,062,339	2,124,833	2,207,660	82,826
	Total special projects					
	Total proyectos especiales	2,262,280	2,558,189	2,589,619	2,677,689	88,070
	TOTAL	6,945,679	7,413,134	7,595,967	7,860,597	264,630

TABLE 1. (continued)**TABLA 1.** (continuación)

INCOME – INGRESOS						
	2003	2004	2005	2006	Change from	
FY-AF	(actual	(estimated	(recommended	(recommended	Cambio de	
	reales)	estimados)	recomendados)	recomendados)	FY/AF 2005	
REGULAR OPERATIONS—OPERACIONES REGULARES						
National contributionsContribuciones nacionales	4,468,417	4,896,331	5,016,321	5,182,908	166,587	
Rent—Alquiler	13,550	0	0	0	0	
Interest & miscellaneous—Intereses y misceláneos	92,259	15,100	15,100	15,100	0	
Total regular operations						
Total operaciones regulares	4,574,226	4,911,431	5,031,421	5,198,008	166,587	
SPECIAL PROJECTS—PROYECTOS ESPECIALES						
Bigeye tagging–Marcado de patudo	240,327	303,294	290,000	290,000	0	
Research contracts—Contratos de investigación	62,036	152,695	168,786	174,029	5,244	
Achotines Laboratory contracts-Contratos Laboratorio de						
Achotines	20,640	17,000	6,000	6,000	0	
Subtotal:	323,003	472,989	464,786	470,029	5,244	
AIDCP—APICD:						
Vessel assessmentsCuotas de buques	1,701,125	1,686,674	1,894,635	2,187,660	293,025	
Other cost recovery—Otra recuperación de costos	0	20,000	20,000	20,000	0	
Subtotal:	1,701,125	1,706,674	1,914,635	2,207,660	293,025	
Total special projects						
Total proyectos especiales	2,024,128	2,179,663	2,379,421	2,677,689	298,268	
TOTAL	6,598,354	7,091,094	7,410,842	7,875,697	464,855	

TABLE 2. Comparative figures, in US\$, by budget object, FY 2003-2006**TABLA 2.** Cifras comparativas, en US\$, por categoría presupuestal, AF 2003-2006

		EXPENDITURE – GASTOS				
	FY-AF	2003	2004	2005	2006	
		(actual—	(estimated—	(recommended—	(recommended—	
	Category - Categoria	reales)	estimados)	recomendados)	recomendados)	
1	Salaries					
1	Sueldos	3,248,053	3,429,177	3,522,536	3,666,873	
2	Social security					
	Seguro social	226,742	239,386	245,903	255,979	
3	Pension plan					
	Plan de pensiones	286,889	331,486	340,511	354,463	
4	Group insurance					
4	Seguro colectivo	285,017	319,188	328,455	339,562	
5	Rents, utilities, maintenance					
5	Alquileres, servicios públicos, mantenimiento	192,493	146,508	145,903	150,280	
6	Materials and supplies					
0	Materiales y pertrechos	157,838	162,868	167,754	172,787	
7	Equipment and property					
/	Equipo y bienes raíces	76,990	187,585	152,253	155,920	
8	Postage					
0	Correo	28,277	41,082	42,314	43,584	
9	Printing and duplication					
	Imprenta y duplicado	21,903	32,177	33,143	34,137	
10	Travel and subsistence					
10	Viajes y viáticos	203,231	222,004	226,664	233,464	
11	Contractual services	552 201			550 000	
	Servicios por contrato	553,281	557,761	555,660	572,330	
12	AIDCP direct costs	50.054	10 500	41.001	10.150	
	Costos directos del APICD	50,276	40,738	41,921	43,178	
13	Observer costs	1 247 075	1 401 546	1 4 (4 102	1 500 110	
	Costos de observadores	1,347,965	1,421,546	1,464,192	1,508,118	
14	l axes, insurance, licenses	22.526	21.256	22 104	22.150	
	Impuestos, seguros, licencias	23,536	31,256	32,194	33,159	
15	Miscellaneous	12 002	(272	(5 ()	(7()	
	Miscelanea	12,893	6,372	6,563	6,760	
16	Special projects	220.205	244.000	200.000	200.000	
	Proyectos especiales	230,295	244,000	290,000	290,000	
	TOTAL	6,945,679	7,413,134	7,595,967	7,860,597	