ANNEX5-3. MACHINERY AND EQUIPMENT PROVIDED BY THE JAPANESE SIDE FOR INCOPESCA IN JFY 2002

(Unit : US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2002	1	Car	Pic-up frontier, Doble Cabine AX, Motor ZD Turbo Diesal, Model 2003	NISSAN	20,300.00	1	20,300.00	Resource Management/ Quality Control at INCOPESCA	INCOPESCA	Costa Rica	To collect the fish samples.	In operation
2002	17	Histamine kit	Histamine kit, , 9271/9302,9505	NEOGEN	4,330.00	1	4,330.00	Marketing Section	INCOPESCA's Laboratory	Costa Rica	To test histamine.	In operation
2002	46	Echo sounder	FCV-600L, 520-5PSD	FURUNO	976.95	1	976.95	Marketing Section	INCOPESCA	Costa Rica	To measure the water depth.	In operation
2002	47	Electric balance	A-11133-10	Cole-Parmer	1,648.00	1	1,648.00	Marketing Section	INCOPESCA	Costa Rica	To measure the body weight.	In operation
2002	48	Electric balance	A-11125-20	Cole-Parmer	1,277.00	1	1,277.00	Marketing Section	INCOPESCA	Costa Rica	To measure the body weight.	In operation
2002	49	Temperature/salinity meter	A-99851-06	Cole-Parmer	1,950.00	1	1,950.00	Marketing Section	INCOPESCA	Costa Rica	To measure temperature/salinity	In operation
2002	50	Stereo microscope	A-48923-46	Cole-Parmer	1,874.50	1	1,874.50	Marketing Section	INCOPESCA	Costa Rica	To observe the otolith, scale, ovary and the stomach contents.	In operation
2002	51	Microscope	A-03911-10	Cole-Parmer	5,245.40	1	5,245.40	Marketing Section	INCOPESCA	Costa Rica	To observe and measure the otoliths.	In operation
2002	54	Fish measuring board	Forestry Supp. 77309	WILDCO	178.00	3	534.00	Marketing Section	INCOPESCA	Costa Rica	To measure the body length of th fish.	In operation
2002	57	GPS	GP-31	Furuno	299.15	1	299.15	Marketing Section	INCOPESCA	Costa Rica	To find the geographic position of investigation area.	In operation
2002	58	Caliper	U-09924-06	Cole-Parmer	61.75	2	123.50	Marketing Section	INCOPESCA	Costa Rica	To measure the body parts of fishes.	In operation
2002	59	Caliper	U-09924-08	Cole-Parmer	109.00	2	218.00	Marketing Section	INCOPESCA	Costa Rica	To measure the body parts of fishes.	In operation
2002	60	Personnel computer		NETSOFT	1,950.00	1	1,950.00	Marketing Section	INCOPESCA	Costa Rica	To analyze fishry statistics data.	In operation
2002	61	Printer	Laser printer LBP-1210	Canon	365.75	1	365.75	Marketing Section	INCOPESCA	Costa Rica	Used for the above computer.	In operation
2002	62	Data base software	Spss Base 1, Tables 11.8, Maps 11.0	SPSS Inc	2,796.00	1	2,796.00	Statistics Section	INCOPESCA	Costa Rica	Used for the above computer.	In operation
2002	63	Screen		3M	327.00	1	327.00	Marketing Section	INCOPESCA	Costa Rica	Used for seminars/workshops.	In operation
2002	64	Digital Projector	LV-S1	Canon	2,400.00	1	2,400.00	Marketing Section	INCOPESCA	Costa Rica	Used for seminars/workshops.	In operation
2002	65	Monitor TV	FS100	Sony	396.81	1	396.81	Marketing Section	INCOPESCA	Costa Rica	Used for seminars/workshops.	In operation
2002	66	Video	PV-V4022	Panasonic	121.23	1	121.23	Marketing Section	INCOPESCA	Costa Rica	Used for seminars/workshops.	In operation
2002	67	Video camera	CCDTRV 308	Sony	556.06	1	556.06	Marketing Section	INCOPESCA	Costa Rica	Used for seminars/workshops.	In operation
2002	68	Digital camera	DSC-51	Sony	330.53	1	330.53	Marketing Section	INCOPESCA	Costa Rica	Used for seminars/workshops.	In operation
2002	78	Outboard engine	105WPL	Johnson	7,227.00	3	21,681.00	Investigation/ Development Section	INCOPESCA	Costa Rica	Used for marine investigation.	In operation
2002	73	Incubator	U-03611-10	Cole-Parmer	4,600.00	2	9,200.00	Marketing Section	INCOPESCA	Costa Rica	Used in culture bacteria.	In operation
2002	75	Personnel computer	Satellite 2410 s205	Toshiba	1,938.00	1	1,938.00	Marketing Section	INCOPESCA	Costa Rica	Used in connection with the computer.	In operation
2002	76	Electric balance	A-11100-20	Cole-Parmer	2,742.00	1	2,742.00	Investigation/ Development Section	INCOPESCA	Costa Rica	To measure the body weight.	In operation
						Total	83,580.08					

ANNEX5-3. MACHINERY AND EOUIPMENT PROVIDED BY THE JAPANESE SIDE FOR UNA IN JFY 2002

(Unit : US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2002	2	Copy machine	IR 3300	Canon	9,500.00	1	9,500.00	Project Administration Section	EBM	Costa Rica	To make out materilas for workshops/seminars.	In operation
2002	3	Water sampler	101005, 1000MG	General Oceanics	755.00	1	755.00	Quality Control Lab.	EBM	Costa Rica	To collect water for measuring the toxic plankton.	In operation
2002	4	Centrifuge	U-17303-10, U-17303-50, U-17304-54, U-06106-10, U-17404-06, U-34531-15	Cole-Parmer	13,087.00	1	13,087.00	Quality Control Lab.	EBM	Costa Rica	To extract shellfish meat/freshness test sample.	In operation
2002	5	Spectrophotometer	UV-1240, P/N 206-89175-92, P/N 206-60605-01, P/N 220-92017-02	SHIMAZU	7,421.94	1	7,421.94	Quality Control Lab.	EBM	Costa Rica	Used for the K-value and quantitative analiysis	In operation
2002	6	Tube support rack	U-06737-63	Cole-Parmer	19.00	1	19.00	Quality Control Lab.	EBM	Costa Rica	Tube support rack	In operation
2002	7	Homogenyzer	U-36900-20, 36900-52, 36900-82, 36900-54, 36900-84	Cole-Parmer	3,490.00	1	3,490.00	Quality Control Lab.	EBM	Costa Rica	To grind shellfish and fish meat.	In operation
2002	8	Ice maker	U-00410-00	Cole-Parmer	4,257.00	1	4,257.00	Fishery Lab./Quality Control lab.	EBM	Costa Rice	To conserve the marine products, reagents, samples, etc.	Out of service
2002	9	Micro pipette, (0.5-10μl)	0 5 -402-86	Fisher	303.45	2	606.90	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent/ sample.	In operation
2002	10	Micro pipette, (10-100μl)	0 5 -402-88	Fisher	291.50	3	874.50	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent/ sample.	In operation
2002	11	Micro pipette, (20-200μl)	0 5 -402-89	Fisher	290.75	3	872.25	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent/ sample.	In operation
2002	12	Micro pipette, (100-1000μl)	0 5 -402-90	Fisher	291.50	2	583.00	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent/ sample.	In operation
2002	13	pH meter	U-59330-00	Cole-Parmer	848.00	1	848.00	Quality Control Lab.	EBM	Costa Rica	Used to adjust the pH of sample.	In operation
2002	14	Fitoplankton net	5115-20,5110SR,5100TC	General Oceanics	490.00	1	490.00	Phytoplankton Lab.	EBM	Costa Rica	To capture the toxic plankton.	In operation
2002	15	Destillation units	U-99292-10	Cole-Parmer	4,294.00	1	4,294.00	Quality Control Lab.	EBM	Costa Rica	To fabricate distilled water.	In operation
2002	16	Analitical balance	U-11206-30	Cole-Parmer	4,660.00	1	4,660.00	Quality Control Lab.	EBM	Costa Rica	To weight the precise quantity of reagent/ sample.	In operation
2002	18	Pipette (1 ml)	13-665F	Fisher	54.30	1	54.30	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	19	Pipette (2 ml)	13-665H	Fisher	53.95	1	53.95	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	20	Pipette (5 ml)	13-665K	Fisher	66.80	1	66.80	Quality Control Lab.	EBM	Costa Rice	To measure the precise quantity of reagent.	In operation

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2002	21	Pipette (10 ml)	13-665M	Fisher	70.05	1	70.05	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	22	Pipette (25 ml)	13-665N	Fisher	89.65	1	89.65	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	23	Beaker (50 ml)	02-540G	Fisher	26.45	1	26.45	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	24	Beaker (100 ml)	02-540H	Fisher	28.50	1	28.50	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	25	Beaker (250 ml)	02-540K	Fisher	28.20	1	28.20	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	26	Beaker (600 ml)	02-540M	Fisher	21.85	2	43.70	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	27	Beaker (1000 ml)	02-540P	Fisher	42.00	2	84.00	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	28	Beaker (2000 ml)	02-540R	Fisher	50.90	3	152.70	Quality Control Lab.	EBM	Costa Rica	To measure the precise quantity of reagent.	In operation
2002	29	Cylinder (10 ml)	08-552B	Fisher	8.70	10	87.00	Quality Control Lab.	EBM	Costa Rica	To compound sample/reagent.	In operation
2002	30	Cylinder (25 ml)	08-552C	Fisher	12.30	10	123.00	Quality Control Lab.	EBM	Costa Rica	To compound sample/reagent.	In operation
2002	31	Cylinder (50 ml)	08-552D	Fisher	210.15	1	210.15	Quality Control Lab.	EBM	Costa Rica	To compound sample/reagent.	In operation
2002	32	Cylinder (100 ml)	08-552E	Fisher	169.00	1	169.00	Quality Control Lab.	EBM	Costa Rica	To compound sample/reagent.	In operation
2002	33	Cylinder (250 ml)	08-552F	Fisher	236.75	1	236.75	Quality Control Lab.	EBM	Costa Rica	To compound sample/reagent.	In operation
2002	34	Cylinder (1000 ml)	08-552H	Fisher	44.10	10	441.00	Quality Control Lab.	EBM	Costa Rica	To compound sample/reagent.	In operation
2002	35	Funnel (600 ml)	10-358-5V	Fisher	200.45	1	200.45	Quality Control Lab.	EBM	Costa Rica	To wash and compound the ion exchange chromatography.	In operation
2002	36	Funnel (3000 ml)	10-358-22R	Fisher	207.80	1	207.80	Quality Control Lab.	EBM	Costa Rica	To wash and compound the ion exchange chromatography.	In operation
2002	37	Elenmeyer flasks	10-1 8 0 F	Fisher	169.85	1	169.85	Quality Control Lab.	EBM	Costa Rica	To wash and compound the gel in connexion with the glass filter.	In operation
2002	38	Tubes	RG-73-0013	CAROLINA	403.00	3	1,209.00	Quality Control Lab.	EBM	Costa Rica	Utensil for chemical analysis	In operation
2002	39	Fraction collector	A-01473-90, A-01473-93	Cole-Parmer	6,300.00	1	6,300.00	Quality Control Lab.	EBM	Costa Rica	Tubes, beakers and cylinders necessary for chemical analysis	In operation
2002	40	Ultrasonic bath	U-08893-21	Cole-Parmer	1,080.00	1	1,080.00	Quality Control Lab.	EBM	Costa Rica	To wash the glassware.	In operation
2002	41	Ultrasonic bath	U-08855-00	Cole-Parmer	1,317.00	1	1,317.00	Quality Control Lab.	EBM	Costa Rica	To wash the pipettes.	In operation
2002	42	Dryer	A-52501-10	Cole-Parmer	2,770.00	1	2,770.00	Quality Control Lab.	EBM	Costa Rica	To dry the washed chemical analysis glasswares.	In operation
2002	43	Multi-magnestirs	U-51450-22	Cole-Parmer	1,424.00	1	1,424.00	Quality Control Lab.	EBM	Costa Rica	To dissolve reagent.	In operation

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2002	44	Water Baths	62400-910	VWR	1,540.50	1	1,540.50	Quality Control Lab.	EBM	Costa Rica	For chemical analysis.	In operation
2002	45	Incubator	U-03611-10	Cole-Parmer	4,483.00	1	4,483.00	Quality Control Lab.	EBM	Costa Rica	To incubate bacteria and determinate basic nitrogen.	In aperation
2002	46	Echo sounder	FCV-600L, 520-5PSD	FURUNO	976.95	1	976.95	Fishery Lab.	EBM	Costa Rica	To measure the water depth.	In operation
2002	47	Electric balance	A-11133-10	Cole-Parmer	1,648.00	1	1,648.00	Fishery Lab.	EBM	Costa Rica	To measure the sample weight.	In operation
2002	48	Electric balance	A-11125-20	Cole-Parmer	1,277.00	1	1,277.00	Quality Control Lab.	EBM	Costa Rica	To measure the sample weight.	In operation
2002	50	Stereo microscope	A-48923-46	Cole-Parmer	1,874.50	1	1,874.50	Fishery Lab.	EBM	Costa Rica	Ta observe the atolith, scale, ovary and the stomach contents.	In operation
2002	51	Microscope	A-03911-10	Cole-Parmer	5,245.40	1	5,245.40	Fishery Lab.	EBM	Costa Rica	Ta observe and measure the otoliths.	In operation
2002	52	Freezer		Refrigeracion Hermanos Gonzales	955.75	1	955.75	Quality Control Lab.	EBM	Costa Rica	To conserve the samples refrigerated .	In operation
2002	53	Refrigerator	SR28	Samsung	402.00	1	402.00	Quality Control Lab.	EBM	Costa Rica	To conserve reagents/samples.	In operation
2002	54	Fish measuring board	Forestry Supp. 77309	WILDCO	178.00	2	356.00	Quality Control Lab.	EBM	Costa Rica	Ta measure the body length of th fish.	In operation
2002	55	Multiparameter	A-99852-02, 99852-52, 05519-61	Cole-Parmer	4,340.00	1	4,340.00	Phytoplankton Lab.	EBM	Costa Rica	To analyze water quality	In operation
2002	56	Micrometer	A-48404-86	Cole-Parmer	40.00	2	80.00	Fishery Lab.	EBM	Costa Rica	Used for the stereo microscope eyepiece.	In operation
2002	57	GPS	GP-31	FURUNO	299.15	1	299.15	Fishery Lab.	EBM	Costa Rica	Ta find the geographic position af investigation area.	In operation
2002	58	Caliper	U-09924-06	Cole-Parmer	61.75	2	123.50	Fishery Lab.	EBM	Costa Rica	Used to measure the samples.	In operation
2002	59	Caliper	U-09924-08	Cole-Parmer	109.00	3	327.00	Fishery Lab.	EBM	Costa Rica	Used to measure the samples.	In operation
2002	71	Stereo microscope	A-48923-46	Cole-Parmer	2,410.00	1	2,410.00	Quality Control Lab.	EBM	Costa Rica	Ta observe the otolith, scale, ovary and the stomach contents.	In operation
2002	72	Inverted microscope	TE-2000-S	Nikon	23,730.00	1	23,730.00	Quality Control Lab.	EBM	Costa Rica	To abserve cultured bacteria and transplant nucleus.	In operation
2002	74	Colony Counter	A-14015-00	Cole-Parmer	1,870.00	1	1,870.00	Quality Control Lab.	EBM	Costa Rica	To measure automatically the number of calonies on agar.	In operation
2002	75	Personnel computer	Satellite 2410 s205	Toshiba	1,938.00	1	1,938.00	Fishery Lab.	EBM	Costa Rica	Used in connection with the microscope.	In operation
2002	76	Electric balance	A-11100-20	Cole-Parmer	2,742.00	1	2,742.00	Fishery Lab.	EBM	Costa Rica	To measure the sampla weight.	In operation
2002	77	Aging Determination Equipment			20,445.00	1	20,445.00	Fishery Lab.	EBM	Japan	Used to determinate the fish age.	In operation
						Tatal	145,465.64					

ANNEX5-3. MACHINERY AND EQUIPMENT PROVIDED BY THE JAPANESE SIDE FOR INCOPESCA IN JFY 2003

(Unit: US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2003	2	Autoclave	MLS-3750	SANYO	7,400.00	1	7,400.00	Marketing Section	INCOPESCA	Costa Rica	Used to carry out a bacteriological examination in aseptic condition.	In operation
2003	6	Oven	3512	LAB-LINE	865.00	1	865.00	Marketing Section	INCOPESCA	Costa Rica	To sterilize and dry testing utensils.	In operation
2003	7	Personnel computer	Sntellite 2410 s205	Toshiba	1,513.76	1	1,513.76	Marketing Section	INCOPESCA	Costa Rica	Used in connexion with the computer to analyze data obtained by microscope.	In operation
2003	9	Glassware		Fisher	3,133.00	1	3,133.00	Marketing Section	INCOPESCA	Costa Rica	Glassware used for chimical and bacteriological examinations.	In operation
2003	13	Trailer	A2460	Boston WHALER	2,916.00	1	2,916.00	Investigation/ Develop. Section	INCOPESCA	Costa Rica	Used to transport the boat by land.	In operation
2003	14	Accessorias for Outboard Motors		Johnson	1,641.25	1	1,641.25	Investigation/ Develop. Section	INCOPESCA	Costa Rica	Used to fix outboard motors.	In operation
2003	15	Mobile Unit	Prado 2004	TOYOTA	29,000.00	1	29,000.00	Fisheries Management/ Quality Control	INCOPESCA	Costa Rica	Used for extension services.	In operation
2003	16	Copy Machine	IMAGERUNNER 2000	CANON	3,958.00	1	3,958.00	Computer Room	INCOPESCA	Costa Rica	Ta copy statistic data.	In operation
						Total	50,427.01					

ANNEX5-3. MACHINERY AND EQUIPMENT PROVIDED BY THE JAPANESE SIDE FOR UNA IN JFY 2003

(Unit : US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2003	1	Clean Benche with duct	1284 with duct	Thermo-form	8,495.00	1	8,495.00	Quality Control Lab.	EBM	Coste Rica	Used to carry out a baoteriological exaamination in aseptic condition.	In operation
2003	2	Autoclave	MLS-3780	SANYO	9,490.00	1	9,490.00	Quality Coatrol Lab.	EBM	Costa Rica	Ta sterilize the instruments for cultivation of bacteria/phytoplankton.	In operation
2003	3	Freezer	13-990-70	REVCO	7,125.00	1	7,125.00	Quality Control Lab.	EBM	Costa Rica	To conserve samples and reagents for freshness inspection/toxic shellfish inspection.	In operation
2003	4	Fume Hood	Model Premier	LABCONCO	7,895.00	1	7,895.00	Quality Control Lab.	EBM	Costa Rica	Use to handle volatile materials safely.	In operation
2003	5	Portable Balance	11650-25	Cols-Parmer	1,316.00	1	1,316.00	Fishery Lab.	EBM	Costa Rica	To measure the fish weight in the field.	In operation
2003	8	Equipment for Mark-recapture Experiment	ASI-23, RR-115, RR-37, TP-110, SN-6C, SN-BC, DC-20, TRS2, FTN-q000, TG, TGN, TGS	Acuatic Ecosystem	4,415.00	I	4,415.00	Fishery Lab.	EBM	Costa Rica	To carry out the mark-recapture experiment.	In operation
2003	10	Desicator	EW-08901-50	Fisher	1,654.90	1	1,654.90	Quality Control Lab.	EBM	Costa Rica	To keep dry reagents.	In operation
2003	11	Sample Bottle	I01005	General Oceanics	816.60	1	816.60	Phytoplankton Lab.	EBM	Costa Rica	To collect seawater sample.	In operation
2003	12	Refrigerator		Sistema de Refrigeracion USA S.A.	1,164.71	1	1,164.71	Quality Control Lab.	EBM	Costa Rica	To conserve culture mediums and reagents.	In operation
						Total	42,372.21					

ANNEX5-3. MACHINERY AND EQUIPMENT PROVIDED BY THE JAPANESE SIDE FOR INCOPESCA IN JFY 2005

(Unit: US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2005	5	Digital Hanging Scale	OCS-M	BALLAR	395.00	1	395.00	Investigation/ Develop. Section	INCOPESCA	Costa Rica	To measure the fish weight at landing site and on board.	In operation
2005	10	Multimedia Projector	LV-S3	Canon	1,400.00	1	1,400.00	Extension Service Section	INCOPESCA	Costa Rica	Used for seminars/workshops.	In operation
2005	11	Work Station	Precision 670	Dell	3,349.00	3	10,047.00	Statistics Section	INCOPESCA	Costa Rica	Used to build the fishery data management system.	In operation
2005	12	Printer	LBP-3200	Canon	130.00	2	260.00	Statistics Section	INCOPESCA	Costa Rica	To print the data for the fishery data management system.	In operation
2005	13	Anti Virus Program	Internet Security 2006	McAlfee	70.00	3	210.00	Statistics Section	INCOPESCA	Costa Rica	Used to protect the work station against virus.	In operation
2005	14	External Memory	Hi-speed USB 2.0 (120 GB)	Iomega	177.30	3	531.90	Statistics Section	INCOPESCA	Costa Rica	Used to backup data and restore the most up-to-date data when a system trouble occures.	In operation
						Total	12,843.90					

ANNEX5-3. MACHINERY AND EQUIPMENT PROVIDED BY THE JAPANESE SIDE FOR UNA IN JFY 2005

(Unit: US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procurement Place	Purpose of Use	Operational State
2005	1	Geographic Information System	Marine Explorer Ver. 4	Environment Simulation Institute Co.,Ltd.	12,907.00	1	12,907.00	Fishery Lab.	EBM	Japan	Used to draw up the submarine topgraphy.	In operation
2005	1	Computer DELL OptiPlex	OptiPlex GX520	DELL	1,549.00	1	1,549.00	Fishery Lab.	EBM	Costa Rica	Used to operate the G.I.S. software.	To measure the fish weight at landing site and on board.
2005	2	Color LCD GPS Plotter w/ GSP Receiver and Echo Sounder	GP-1850WF	FURUNO	3,908.00	1	3,908.00	Fishery Lab.	EBM	Costa Rica	To measure the depth of the ocean floor.	In operation
2005	6	Vacuum Filter Holder and Manifold	Catalogue No. 09-747	NALGENE	918.00	1	918.00	Phytoplankton Lab.	EBM	Costa Rica	To collect and filter the plankton of the sea wuater.	In operation
2005	7	Dispenser Universal Repipet	07903-60	Universal Repiet	356.00	2	712.00	Quality Control Lab.	EBM	Costa Rica	To take the reagent precisely.	In operation
2005	8	Pipette-Aid w/ Spare Filters	07897-30	Cole-Parmer	361.00	2	722.00	Quality Control Lab.	EBM	Costa Rica	To take the reagent precisely.	In operation
2005	9	Ouartz Cuvettes	83200-02	Cole-Parmer	160.00	6	960.00	Quality Control Lab.	EBM	Costa Rica	Vessel for samples by spectroscopic analysis.	In operation
2005	10	Printer	LBP-5200	CANON	660.00	1	660.00	Fishery Lab.	EBM	Costa Rica	To print the submarine topographic map by G.I.S.	In operation
2005	11	Printer Cartridge	Toner cartridge 101	CANON	129.00	13	1,677.00	Fishery Lab.	EBM	Costa Rica	For the above printer.	In operation
2005	12	Drum Cartoridge for printer	Drum cartridge 101	CANON	217.00	1	217.00	Fishery Lab.	EBM	Costa Rica	For the above printer.	In operation
						Total	21,676.00					

ANNEX5-3. MACHINERY AND EQUIPMENT PROVIDED BY THE JAPANESE SIDE FOR INCOPESCA IN JFY 2006

(Unit: US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2006	4	Electric balance	SK-20KWP	AND USA	390.00	1	390.00	Investigation/ Develop. Section	INCOPESCA	Costa Rica	To measure the fish weight at landing site and on board.	In operation
						Total	390.00					

ANNEX5-3. MACHINERY AND EQUIPMENT PROVIDED BY THE JAPANESE SIDE FOR UNA IN JFY 2006

(Unit : US$)

Fiscal Year	No.	Item	Model	Maker	Unit Price	Quantity	Amount US$	Section in Use	Installation Site	Procu-rement Place	Purpose of Use	Operational State
2006	1	Deionizator	D440066 (D2)	Branstead	1,865.00	1	1,865.00	Quality Control Lab.	EBM	Costa Rica	Used in connexion with distillation apparatus to reduce the carbonate contained in water.	In operation
2006	2	Ice maker	Model 50	ARTIC-TEMP	2,900.00	1	2,900.00	Fishery Lab.	EBM	Costa Rica	Used to make ice for maintaining fresh the sample fishes.	In operation
2006	3	Incubator	Model L15	SHEL LAB B.O.D.	1,700.00	2	3,400.00	Quality Control Lab.	EBM	Costa Rica	To analyze the decomposition of marine products.	In operation
2006	5	Object Lens (60X) for the Inverted Microscope	Cat. MRH18620	NIKON	3,150.00	1	3,150.00	Phytoplankton Lab.	EBM	Costa Rica	Used to improve the analitical precision of the inverted microscope.	In operation
2006	6	Fraction collector	CZ-01473-93	Cole-Parmer	4,978.00	1	4,978.00	Quality Control Lab.	EBM	Costa Rica	To determinate the K-value.	In operation
2006	7	Adjustable-Volume pipette	CZ-07897-30	Cole-Parmer	486.00	1	486.00	Quality Control Lab.	EBM	Costa Rica	Used to measure the necessary volume.	In operation
2006	8	Water and shock-resistant Lap-top Personal Computer	Toughbook 51, CF-51QF2DEBM	PANASONIC	3,382.14	1	3,382.14	Fishery Lab.	EBM	Costa Rica	Used to collect the resource management data in field survey (on board, at landing site, etc.)	In operation
						Total	20,161.14					

ANNEX 5-4. Expenses by the Japanese Side

(Unit: US dollars)

Japanese Fiscal Year	2002	2003	2004	2005	2006	2007	Total
Provision of Machinery & Equipment	229,045.72	92,799.22	0 (included in JFY2003)	34,519.99	20,551.14		376,915.98
Local Cost Support	17,513.12	52,325.49	50,359.13	42,276.11	87,850.00		250,323.85

ANNEX 6-1. Plan for Appropriation of Local Cost for the Project- INCOPESCA

(UNIT: US$)

	2002	2003	2004	2005	(**)2006	2007	TOTAL
Staff Expense	(67,200)	(67,200)	(67,200)	(128,515)	(176,867)		(506,982)
	16,800.00	107,674.00	142,373.00	139,200.00	172,840.00		578,887.00
Basic Services	(450)	(450)	(450)	(6,593)	(6,280)		(14,223)
	113.00	510.00	7,495.00	6,940.00	6,280.00		21,338.00
Travel	(8,000)	(8,000)	(8,000)	(4,090)	(4,963)		(33,053)
	2,000.00	10,200.00	8,200.00	5,200.00	4,840.00		30,440.00
Transportation Equipment	(14,500)	(14,500)	(14,500)	(5,568)	(9,013)		(58,081)
	3,625.00	17,000.00	14,500.00	5,590.00	9,013.00		49,728.00
Field and Laboratory Supplies	(100)	(100)	(100)	(100)	(288)		(688)
	0.00	0.00	332.00	120.00	288.00		740.00
Rental Expenses	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)		(0.00)
	0.00	0.00	556.00	0.00	0.00		556.00
Facility Expenses	(20,000)	(20,000)	(20,000)	(20)	(20,000)		(80,020)
	5,000.00	20,000.00	20,000.00	20.00	20,000.00		65,020.00
Field and Laboratory Equipment	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)		(0.00)
	0.00	0.00	0.00	0.00	0.00		0.00
Total (A)	(110,250)	(110,250)	(110,250)	(144,886)	(217,411)		(693,047)
(B)	27,538.00	155,384.00	193,456.00	157,070.00	213,261.00		746,709.00
Ratio (B/A) (%)	25.0%	140.9%	175.5%	108.4%	98.1%		107.7%

Note :

1. Costa Rican fiscal year starts in January and ends in December.
2. Upper row is budget as projected and lower row 2002, 2003, 2004 and 2005 figures are real expenses.
3. The item with (**) disbursed December, 2006.

ANNEX 6-1.Plan for Appropriation of Local Cost for the Project- UNA

(UNIT: US$)

	2002	2003	2004	2005	(**)2006	2007	TOTAL
Staff Expense	(64,200)	(64,200)	(64,200)	(64,200)	(64,200)		(321,000)
	868.20	73,737.00	72,000.00	76,000.00	84,311.00		306,916.20
Basic Services	(2,500)	(2,500)	(3,500)	(2,500)	(2,500)		(13,500)
	0.00	3,400.00	4,000.00	4,500.00	3,168.67		15,068.67
Travel	(3,580)	(3,580)	(2,500)	(3,580)	(3,580)		(16,820)
	0.00	3,000.00	4,200.00	4,800.00	1,521.70		13,521.70
Transportation Equipment	(7,500)	(7,500)	(7,500)	(7,500)	(7,500)		(37,500)
	0.00	7,000.00	12,000.00	4,300.00	11,236.20		34,536.20
Field and Laboratory Supplies	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)		(15,000)
	0.00	4,000.00	7,000.00	3,200.00	1,200.00		15,400.00
Rental Expenses	(4,285)	(4,285)	(4,285)	(4,285)	(4,285)		(21,425)
	0.00	0.00	5,300.00	6,400.00	3,064.00		14,764.00
Facility Expenses	(24,000)	(24,000)	(24,000)	(24,000)	(24,000)		(120,000)
	0.00	32,000.00	22,000.00	22,000.00	23,000.00		99,000.00
Field and Laboratory Equipment	(41,600)	(41,600)	(41,600)	(41,600)	(41,600)		(208,000)
	0.00	55,400.00	35,000.00	24,025.00	14,374.00		128,799.00
Office Equipment for the JICA Experts			(4,000)	(2,000)	(2,000)		(8,000)
			850.00	1,200.00	6,028.00		8,078.00
Total (A)	(150,665)	(150,665)	(154,585)	(152,665)	(152,665)		(761,245)
(B)	868.20	178,537.00	162,350.00	146,425.00	147,903.57		636,083.77
Ratio (B/A) (%)	0.6%	118.5%	105.0%	95.9%	96.9%		83.6%

Note :

1. Costa Rican fiscal year starts in January and ends in December.
2. Upper row is budget as projected and lower row 2002, 2003, 2004 and 2005 figures are real expenses.
3. The item with (**) disbursed December, 2006.

ANNEX 6-2. Allocation of Counterpart Personnel and Other Staff

	Name of Counterpart and managerial position	Designation	Allocation Period in the Project	Name of Expert in Charge of Technology Transfer	Working Period in Counterpart Organ	Remarks
1	Juana Maria Coto Campos (UNA) Dean of Collage of Exacts & Natural Sciences, UNA	Project Director	10/2002-9/2004		22 years (1975-2007)	At present she is filling the post of councilor in the UNA.
2	Luis Manuel Sierra Sierra (UNA) Dean of Collage of Exacts & Natural Sciences, UNA	Project Director	10/2004-9/2007		16 years (1991-2007)	
3	Jorge Arturo Rodriguez (UNA) Director of Biological Sciences School, UNA	Project Manager	10/2002-5/2004		In May, 2003, he took mandatory retirement.	At present he is a part-time teacher at Biological Sciences School, UNA.
4	Ricardo Jiménez Montealegre (UNA), Director of Biological Sciences School, UNA	Project Manager	6/2004-9/2007		17 years (1990-2007)	
5	Antonio Porras Porras (INCOPESCA), General Technical Director	Project Manager/ Fisheries policy	10/2002-6/2004	Hitoshi Fujita	13 years (1994-2007)	In July, 2004, he was sent on loan to FAO.
6.	Berny Marín Alpizar (INCOPESCA), Chief of Environment Protection Section	Project Manager/ Fisheries Policy	7/2004-9/2007	Yasuhiko Shimazu	13 years (1994-2007)	
7	Cristian Fonseca (UNA), Researcher at the Quality Control Lab. at EBM.	Quality Control(bacteriological examination)	10/2002-9/2007	Hikaru Ishihara	5 years (2002-2007)	
8	Emilia Calvo Vargas (UNA), Researcher of the Phytoplankton Lab. at EBM	Quality Control (Shellfish Toxin Monitoring)	10/2002-9/2007	Hikaru Ishihara	9 years (1998-2007)	

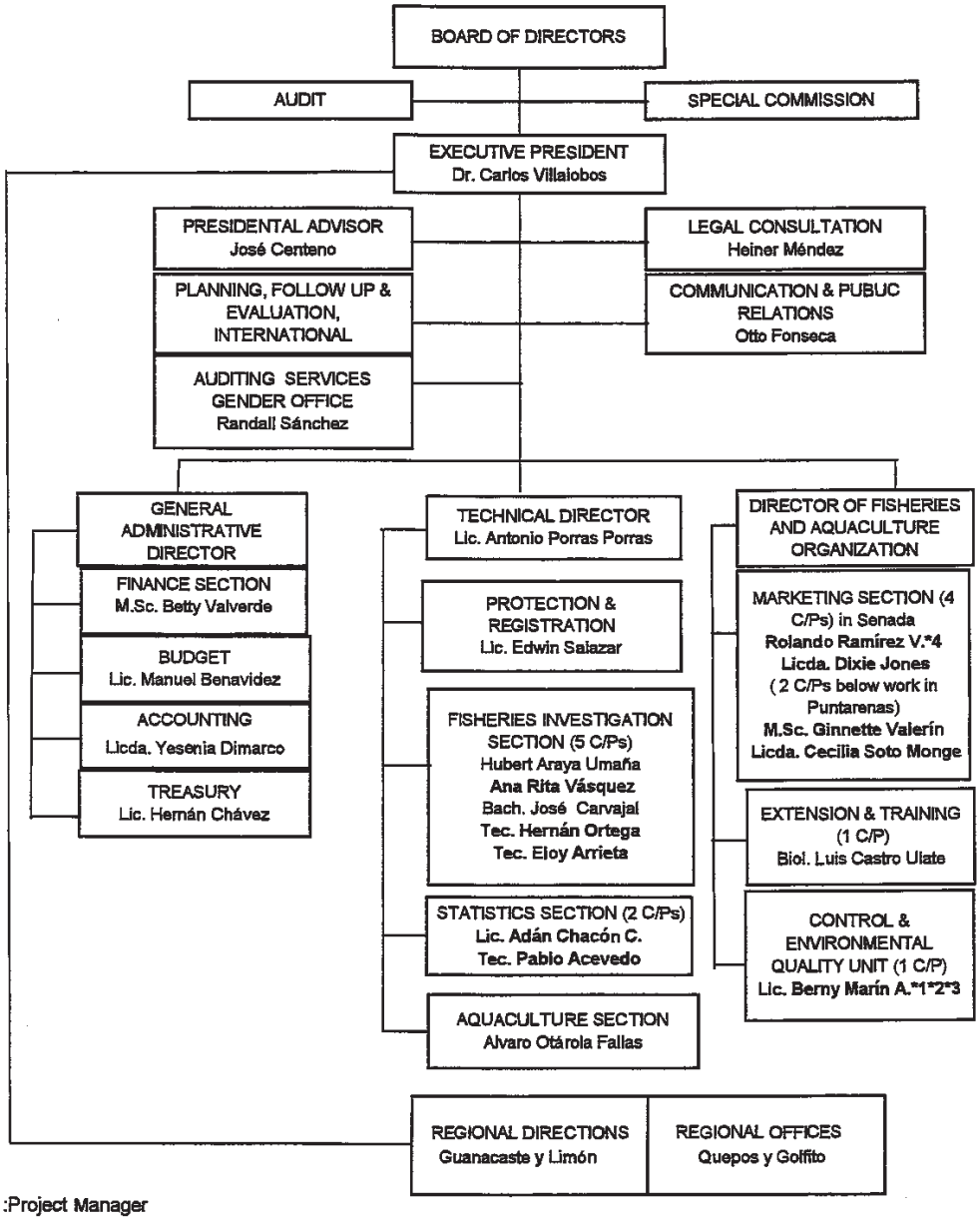
9	Hannia Vega (UNA), Researcher of the Phytoplankton Lab. at EBM	Quality Control (Shellfish Toxin Monitoring and GIS)	10/2002-9/2007	Hikaru Ishihara/ Kazuhito Hiramatsu	5 years (2002-2007)	
10	Carolina Marín (UNA),Researcher of the Quality Control Lab. at EBM.	Quality Control(bacteriological examination)	1/2005-9/2007	Hikaru Ishihara	5 years (2002-2007)	
11	Sidey Arias (UNA), Researcher of the Quality Control Lab. at EBM.	Quality Control(bacteriological examination)	1/2005-9/2007	Hikaru Ishihara	13 years (1994-2007)	
12	Rolando Ramírez Villalobos (INCOPESCA), Chief of Marketing Section	Quality Control of Marine Products	10/2002-9/2007	Hikaru Ishihara	12 years (1995-2007)	
13	Giselle Blanco Venegas (INCOPESCA), Technical Officer, Marketing Section	Quality Control of Marine Products	10/2002-9/2005	Hikaru Ishihara	13 years (1994-2007)	She leaved *the* post of counterpart.
14	Cecilia Soto Monge (INCOPESCA), Technical Officer, Marketing Section	Quality Control of Marine Products	10/2002-9/2007	Hikaru Ishihara	13 years (1994-2007)	
15	Dixie Jones (INCOPESCA), Technical Officer, Marketing Section	Quality Control of Marine Products	10/2002-9/2007	Hikaru Ishihara	2 years (2005-2007)	She replaced the C/P No. 13 (Giselle Blanco).
16	Ginnette Valerín (INCOPESCA), Technical Officer, Marketing Section	Quality Control of Marine Products	7/2005-9/2007	Hikaru Ishihara	2 years (2005-2007)	
17	José Palacios (UNA), Professor on the Faculty of Exacts & Natural Sciences	Fishery Resource Management (Stock Assessment)	1/2004-9/2007	Kazuhito Hiramatsu	22 years (1985-2007)	
18	Rosa L. Soto (UNA), Researcher of the Fishery Lab. at EBM	Fishery Resource Management (Stock Assessment)	10/2002-9/2007	Kazuhito Hiramatsu	12 years (1995-2007)	
19	Alberto Villarreal (UNA), Researcher of the Fishery Lab. at EBM	Fishery Resource Management (Stock Assessment)	1/2004-9/2007	Kazuhito Hiramatsu	17 years (1990-2007)	

20	Luis Adrián Hernández Noguera (UNA), Researcher of the Fishery Lab. at EBM.	Fishery Resource Management (Stock Assessment)	1/2006-9/2007	Kazuhito Hiramatsu	1 year (2006-2007)	
21	Fernando Mejía (UNA), Researcher of the Fishery Lab. at EBM	Fishery Resource Management (Stock Assessment)	1/2004-9/2007	Kazuhito Hiramatsu	4 years (2003-2007)	
22	Hubert Araya Umaña (INCOPESCA), Chief of Investigation/ Development Section	Fishery Resource Management (Stock Assessment)	10/2002-9/2007	Kazuhito Hiramatsu	13 years (1994-2007)	
23	Adán Chacón (INCOPESCA), Chief of Statistics Section	Fishery Resource Management (Fishery Statistics)	10/2002-9/2007	Kazuhito Hiramatsu	13 years (1994-2007)	
24	Ana R. Vásquez (INCOPESCA), Technical Officer, Investigation/ Development Section	Fishery Resource Management (Stock Assessment)	10/2002-9/2007	Kazuhito Hiramatsu	13 years (1994-2007)	
25	Eloy Arrieta (INCOPESCA), Operator, Investigation/ Development Section	Fishery Resource Management	10/2002-9/2007	Kazuhito Hiramatsu	13 years (1994-2007)	
26	Hernán Ortega (INCOPESCA), Operator, Investigation/ Development Section	Fishery Resource Management	10/2002-9/2007	Kazuhito Hiramatsu	13 years (1994-2007)	
27	Luis Castro Ulate (INCOPESCA), Chief of Extension Service Section	Fishery Resource Management	1/2004-9/2007	Kazuhito Hiramatsu	13 years (1994-2007)	
28	Rodrigo Brenes (INCOPESCA), Operator of Statistics Section	Fishery Resource Management (Stock Assessment)	9/2002-2006/8	Kazuhito Hiramatsu	13 years (1994-2007)	He leaved *the* post of counterpart
29	José Miguel Caravajal Rodriguez (INCOPESCA), Technical Officer, Investigation/ Development Section	Fishery Resource Management (Stock Assessment)	11/2005-9/2007	Kazuhito Hiramatsu	2 years (2005-2007)	

30	Pablo Acevedo (INCOPESCA), Operator of Statistics Section	Fishery Resource Management (Stock Assessment)	8/2005-9/2007	Kazuhito Hiramatsu	13 years (1994-2007)	He replaced the C/P No. 28 (Rodrigo Brenes).
31	Luis Angel Picado (INCOPESCA), operador of Marketing Section	Quality Control of Marine Products	7/2003-5/2005	Hikaru Ishihara	29 years (1978-2007)	He leaved *the* post of counterpart
32	Jorge Boza (UNA), Researcher of the Fish Cultura at EBM	Fishery Resource Management (Stock Assessment)	1/2004-1/2006	Kazuhito Hiramatsu	21 years (1986-2007)	He replaced the C/P No. 20 (Luis Adrián Hernández Noguera).

ANNEX 7-1

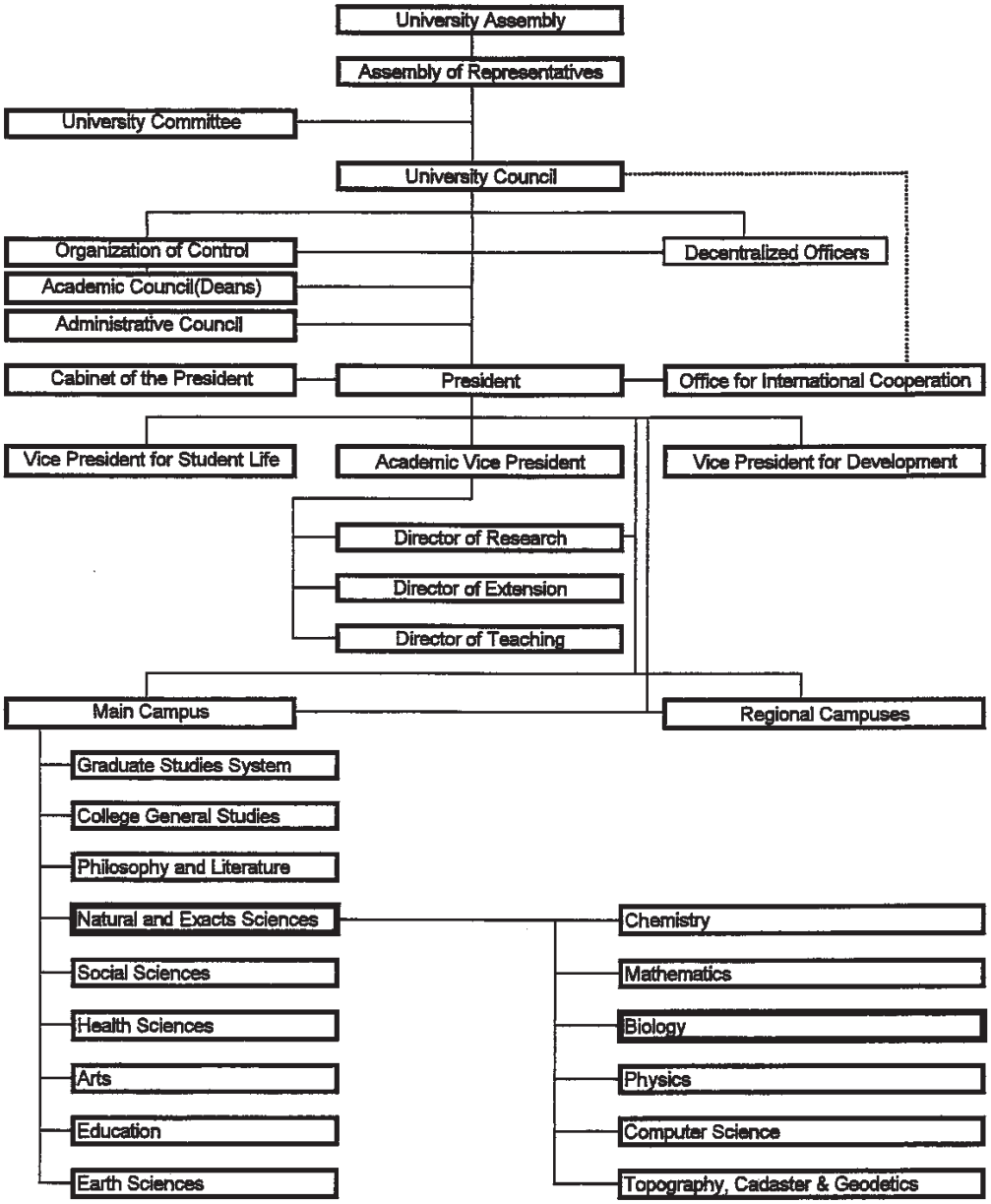
Organization Chart of INCOPESCA



*1:Project Manager
*2:Coordinator of the implementation agency
*3:Coordinator of the area of resource management in each implementation agency
*4:Coordinator of the area of quality control in each implementation agency
Counterpart shown in the bold font

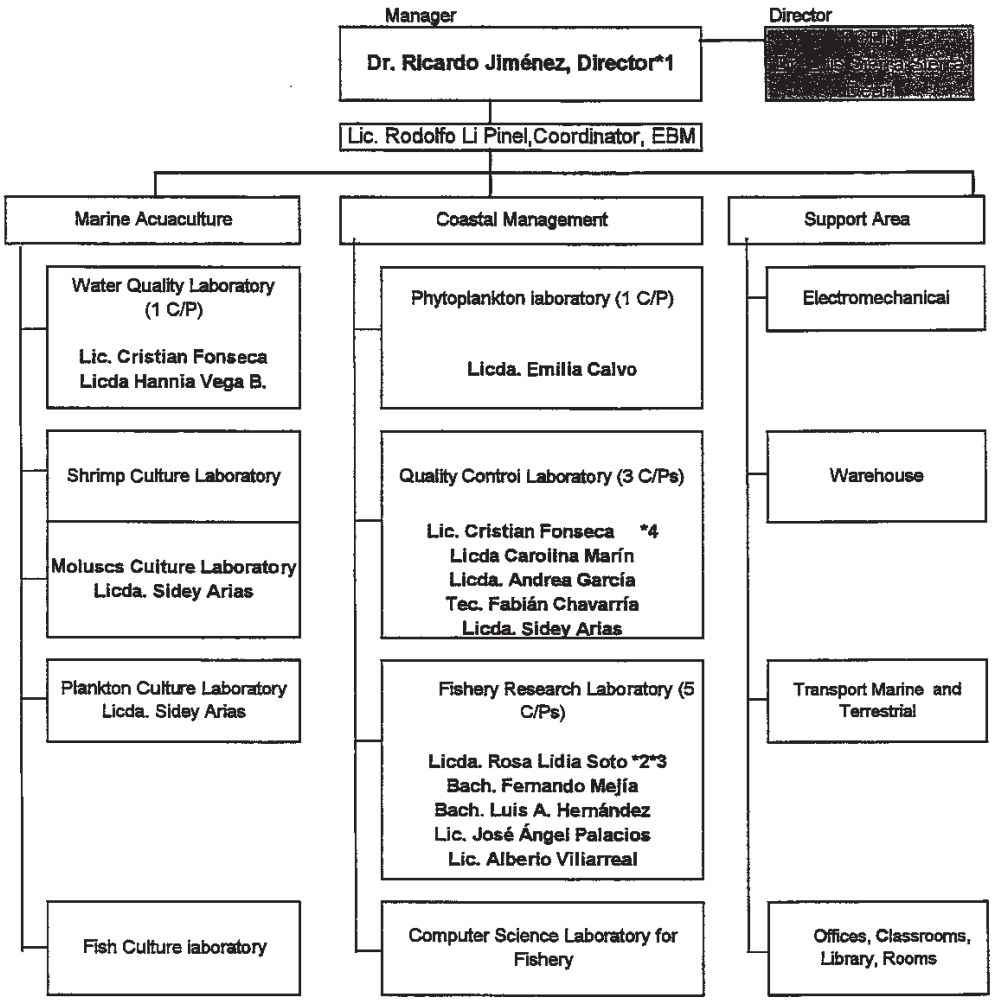
ANNEX 7-2

Organization Chart of UNA



ANNEX 7-3

Organization Chart of EBM



*1:Project Manager
*2:Coordinator of the implementation agency
*3:Coordinator of the area of resource management in each implementation agency
*4:Coordinator of the area of quality control in each implementation agency
Counterpart shown in the bold font

ANNEX 7-4 **Organization Chart of FCEN**

Facultad de Ciencias Exactas y Naturales (Faculty of Natural Sciences)	**Dr. Luis Manuel Sierra *1**	Decano (Dean)
	M. Alberto Segura	Vicedecano (Vice Dean)
Departamento Fisica (Department of Physics)	Dr. Daniel Ballestero	Director
	Msc. Carlos Brenez	Subdirector
Esc. de Química (School of Chemistry)	Msc. Marco Calvo	Director
	Dr. Roy Soto	Subdirector
Esc. de Matemática (School of Mathematics)	Dr. Edwin Chaves	Director
	Dr. Mario Castillo	Subdirector
Esc. de Topografia, Catastro y Geodesia (School of Topography, Cadaster & Geodetics)	Msc. Felipe Reyes	Director
	Lic. Jorge Moya	Subdirector
Esc. de Informática (School of Computer Science)	Msc. Elizabeth González	Directora
	Msc. Eliette Alvarez	Subdirectora
Esc. de Ciencias Biológicas (School of Biological Sciences)	**Dr. Ricardo Jimenez*2**	Director
	Dr. Juan Ulloa	Subdirector
Estación de Bilogía Marina (EBM) (Station of Marine Biology)		
Director :	**Dr. Ricardo Jimenez*2**	
Coodinador :	Lic. Rafael Cruz	
Estación Acuicola 28 Millas (28 Miles Station for Aquaculture)		
Estación Tropical Río Macho (River Macho Tropical Station)		
Estación de Ciencias Marinas (Station of Marine Science)		

*1:Project Director

*2:Project Manager

Counterpart shown in the bold font

ANNEX 8 : The summary of the results of workshops

Title of Workshop	Target group	Total number of workshops	Total number of participants
Shellfish Toxin	・Shellfish Collectors	24	709
GMP (Good Manufacturing Practice)	・Fishermen ・Shellfish Collectors ・Staffs of landing site	197	5,471
	・Distributors ・Fish stores	50	923
	・Supermarkets	23	440
	・Processing Industries	6	342
Total		300	7885

(Duration: From Jan. 2003 to Mar. 2007)

1(4). 2002年度供与機材実績(INCOPESCA)

(単位:US$)

年度	機材番号	機材名	型式	ﾒｰｶｰ	購入価格	数量	総額	使用ｾｸｼｮﾝ	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2002	1	車両	Pic-up frontier, Doble Cabine AX, Motor ZD Turbo Diesel, Model 2003	NISSAN	20,300.00	1	20,300.00	INCOPESCA 資源管理/品質管理	INCOPESCA	現地.	魚類ｻﾝﾌﾟﾙ採集	稼動中
2002	17	携帯採取キット	Histamine kit, , 9271/9302,9505	NEOGEN	4,330.00	1	4,330.00	市場調査課	INCOPESCA実験室	現地.	ﾋｽﾀﾐﾝ試験	稼動中
2002	46	携帯測深器	FCV-600L, 520-5PSD	FURUNO	976.95	1	976.95	調査・開発課	INCOPESCA	現地.	水位測定	稼動中
2002	47	秤	A-11133-10	Cole-Parmer	1,648.00	1	1,648.00	調査・開発課	INCOPESCA	現地.	魚類体重測定	稼動中
2002	48	電子秤	A-11125-20	Cole-Parmer	1,277.00	1	1,277.00	調査・開発課	INCOPESCA	現地.	魚類体重測定	稼動中
2002	49	水温・塩分計	A-99851-06	Cole-Parmer	1,950.00	1	1,950.00	市場調査課	INCOPESCA	現地.	水温・塩分測定	稼動中
2002	50	実体顕微鏡	A-48923-46	Cole-Parmer	1,874.50	1	1,874.50	調査・開発課	INCOPESCA	現地.	耳石、鱗、卵巣、胃内容物の観察	稼動中
2002	51	生物顕微鏡	A-03911-10	Cole-Parmer	5,245.40	1	5,245.40	調査・開発課	INCOPESCA	現地.	耳石の観察・測定	稼動中
2002	54	測定板	Forestry Supp. 77309	WILDCO	178.00	3	534.00	調査・開発課	INCOPESCA	現地.	魚体長測定	稼動中
2002	57	GPS	GP-31	Furuno	299.15	1	299.15	調査・開発課	INCOPESCA	現地.	調査海域の位置測定	稼動中
2002	58	キャリパー(150m/m)	U-09924-06	Cole-Parmer	61.75	2	123.50	調査・開発課	INCOPESCA	現地.	試料の寸法測定に使用	稼動中
2002	59	キャリパー(300m/m)	U-09924-08	Cole-Parmer	109.00	2	218.00	調査・開発課	INCOPESCA	現地.	試料の寸法測定に使用	稼動中
2002	60	パソコン		NETSOFT	1,950.00	1	1,950.00	調査・開発課	INCOPESCA	現地.	漁獲統計データの解析	稼動中
2002	61	プリンター	Laser printer LBP-1210	Canon	365.75	1	365.75	調査・開発課	INCOPESCA	現地.	上記パソコン用	稼動中
2002	62	データベースソフト	Spss Base 1, Tables 11.0, Maps 11.0	SPSS Inc	2,796.00	1	2,796.00	統計科	INCOPESCA	現地.	上記(60)パソコン用	稼動中
2002	63	スクリーン		3M	327.00	1	327.00	市場調査課	INCOPESCA	現地.	セミナー、研修に使用	稼動中
2002	64	マルチメディアプロジェクター	LV-S1	Canon	2,400.00	1	2,400.00	市場調査課	INCOPESCA	現地.	セミナー、研修に使用	稼動中
2002	65	モニターテレビ	FS100	Sony	396.01	1	396.01	市場調査課	INCOPESCA	現地.	セミナー、研修に使用	稼動中
2002	66	ビデオデッキ	PV-V4022	Panasonic	121.23	1	121.23	市場調査課	INCOPESCA	現地.	セミナー、研修に使用	稼動中
2002	67	ビデオカメラ	CCDTRV 308	Sony	556.06	1	556.06	市場調査課	INCOPESCA	現地.	セミナー、研修に使用	稼動中
2002	68	デジタルカメラ	DSC-51	Sony	330.53	1	330.53	市場調査課	INCOPESCA	現地.	セミナー、研修に使用	稼動中
2002	70	船外機	105WPL	Johnson	7,227.00	3	21,681.00	調査・開発課	INCOPESCA	現地.	海洋調査船に使用	稼動中
2002	73	インキュベーター	U-03611-10	Cole-Parmer	4,600.00	2	9,200.00	市場調査課	INCOPESCA	現地.	細菌の培養	稼動中
2002	75	ラップトップ型パソコン	Satellite 2410 s205	Toshiba	1,938.00	1	1,938.00	市場調査課	INCOPESCA	現地.	生物顕微鏡に接続して使用	稼動中
2002	76	台秤	A-11100-20	Cole-Parmer	2,742.00	1	2,742.00	調査・開発課	INCOPESCA	現地.	魚類体重測定	稼動中
						Total	83,580.08					

1(4). 2002年度供与機材実績（UNA）

（単位：US$）

年度	機材番号	機材名	型式	ﾒｰｶｰ	購入価格	数量	総額	使用ｾｸｼｮﾝ	設置場所	現地／本邦調達	使用目的	現状の稼動状況・使用状況
2002	2	複写機	IR 3300	Canon	9,500.00	1	9,500.00	ﾌﾟﾛｼﾞｪｸﾄ管理部	EBM	現地.	研修、ｾﾐﾅｰ等の試料作成	稼動中
2002	3	採水機	101005, 1000MG	General Oceanics	755.00	1	755.00	品質管理研究室	EBM	現地.	海水中の有毒ﾌﾟﾗﾝｸﾄﾝを測定するために海水を採取する。	稼動中
2002	4	遠心機	U-17303-10, U-17303-50, U-17304-54, U-06106-10, U-17404-06, U-34531-15	Cole-Parmer	13,087.00	1	13,087.00	品質管理研究室	EBM	現地.	貝の肉抽出、鮮度判定ｻﾝﾌﾟﾙの抽出	稼動中
2002	5	分光光度計	UV-1240, P/N 206-89175-92, P/N 206-60605-01, P/N 220-92017-02	SHIMAZU	7,421.94	1	7,421.94	品質管理研究室	EBM	現地.	K値の測定、その他の物質の定量測定	稼動中
2002	6	試験管立て	U-06737-63	Cole-Parmer	19.00	1	19.00	品質管理研究室	EBM	現地.	試験管立て	稼動中
2002	7	ホモジナイザー	U-36900-20, 36900-52, 36900-82, 36900-54, 36900-84	Cole-Parmer	3,490.00	1	3,490.00	品質管理研究室	EBM	現地.	貝及び魚肉を粉砕するため	稼動中
2002	8	製氷機	U-00410-00	Cole-Parmer	4,257.00	1	4,257.00	漁業研究室／品質管理研究室	EBM	現地.	水産物の保存、試料、試薬の保存	修理不可のため稼動停止
2002	9	ピペットマン (0.5-10μl)	05-402-86	Fisher	303.45	2	606.90	品質管理研究室	EBM	現地.	試料、試薬の正確な定量を取るため	稼動中
2002	10	ピペットマン(10-100μl)	05-402-88	Fisher	291.50	3	874.50	品質管理研究室	EBM	現地.	試料、試薬の正確な定量を取るため	稼動中
2002	11	ピペットマン(20-200μl)	05-402-89	Fisher	290.75	3	872.25	品質管理研究室	EBM	現地.	試料、試薬の正確な定量を取るため	稼動中
2002	12	ピペットマン(100-1000μl)	05-402-90	Fisher	291.50	2	583.00	品質管理研究室	EBM	現地.	試料、試薬の正確な定量を取るため	稼動中
2002	13	pHメーター	U-59330-00	Cole-Parmer	848.00	1	848.00	品質管理研究室	EBM	現地.	試料のpH調整に使用	稼動中
2002	14	プランクトンネット	5115-20,5110SR,5100TC	General Oceanics	490.00	1	490.00	植物ﾌﾟﾗﾝｸﾄﾝ研究室	EBM	現地.	有毒ﾌﾟﾗﾝｸﾄﾝを網ですくって捕るため	稼動中
2002	15	純水機	U-99292-10	Cole-Parmer	4,294.00	1	4,294.00	品質管理研究室	EBM	現地.	実験に使用する純水を製造する。	稼動中
2002	16	精密重量秤	U-11206-30	Cole-Parmer	4,660.00	1	4,660.00	品質管理研究室	EBM	現地.	試薬を正確に量るため	稼動中
2002	18	ピペット(1ml)	13-665F	Fisher	54.30	1	54.30	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	19	ピペット(2ml)	13-665H	Fisher	53.95	1	53.95	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	20	ピペット(5ml)	13-665K	Fisher	66.80	1	66.80	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	21	ピペット(10ml)	13-665M	Fisher	70.05	1	70.05	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	22	ピペット(25ml)	13-665N	Fisher	89.65	1	89.65	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	23	ビーカー(50ml)	02-540G	Fisher	26.45	1	26.45	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	24	ビーカー(100ml)	02-540H	Fisher	28.50	1	28.50	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中

年度	機材番号	機材名	型式	ﾒｰｶｰ	購入価格	数量	総額	使用ｾｸｼｮﾝ	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2002	25	ビーカー(250ml)	02-540K	Fisher	28.20	1	28.20	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	26	ビーカー(500ml)	02-540M	Fisher	21.85	2	43.70	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	27	ビーカー(1000ml)	02-540P	Fisher	42.00	2	84.00	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	28	ビーカー(2000ml)	02-540R	Fisher	50.90	3	152.70	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2002	29	メスシリンダー(10ml)	08-552B	Fisher	8.70	10	87.00	品質管理研究室	EBM	現地.	ｻﾝﾌﾟﾙ・試薬の調整	稼動中
2002	30	メスシリンダー(25ml)	08-552C	Fisher	12.30	10	123.00	品質管理研究室	EBM	現地.	ｻﾝﾌﾟﾙ・試薬の調整	稼動中
2002	31	メスシリンダー(50ml)	08-552D	Fisher	210.15	1	210.15	品質管理研究室	EBM	現地.	ｻﾝﾌﾟﾙ・試薬の調整	稼動中
2002	32	メスシリンダー(100ml)	08-552E	Fisher	169.00	1	169.00	品質管理研究室	EBM	現地.	ｻﾝﾌﾟﾙ・試薬の調整	稼動中
2002	33	メスシリンダー(250ml)	08-552F	Fisher	236.75	1	236.75	品質管理研究室	EBM	現地.	ｻﾝﾌﾟﾙ・試薬の調整	稼動中
2002	34	メスシリンダー(1000ml)	08-552H	Fisher	44.10	10	441.00	品質管理研究室	EBM	現地.	ｻﾝﾌﾟﾙ・試薬の調整	稼動中
2002	35	グラスフィルター(600ml)	10-358-5V	Fisher	200.45	1	200.45	品質管理研究室	EBM	現地.	イオン交換クロマトグラフィーゲルの戦場・調整	稼動中
2002	36	グラスフィルター(3000ml)	10-358-22R	Fisher	207.80	1	207.80	品質管理研究室	EBM	現地.	イオン交換クロマトグラフィーゲルの戦場・調整	稼動中
2002	37	濾過瓶	10-18OF	Fisher	169.85	1	169.85	品質管理研究室	EBM	現地.	グラスフィルターに接続し、ゲルの戦場・調整	稼動中
2002	38	試験管	RG-73-0013	CAROLINA	403.00	3	1,209.00	品質管理研究室	EBM	現地.	化学分析用道具	稼動中
2002	39	フラクションコレクター	A-01473-90, A-01473-93	Cole-Parmer	6,300.00	1	6,300.00	品質管理研究室	EBM	現地.	実験に必要な試験管、ビーカー、メスシリンダー	稼動中
2002	40	超音波洗浄器(硝子器具用)	U-08893-21	Cole-Parmer	1,080.00	1	1,080.00	品質管理研究室	EBM	現地.	硝子器具の洗浄	稼動中
2002	41	超音波洗浄器(ピペット用)	U-08855-00	Cole-Parmer	1,317.00	1	1,317.00	品質管理研究室	EBM	現地.	ピペットの洗浄	稼動中
2002	42	乾燥機	A-52501-10	Cole-Parmer	2,770.00	1	2,770.00	品質管理研究室	EBM	現地.	化学器具洗浄後の乾燥	稼動中
2002	43	スターラー	U-51450-22	Cole-Parmer	1,424.00	1	1,424.00	品質管理研究室	EBM	現地.	試薬を溶かす	稼動中
2002	44	恒温水槽装置	62400-910	VWR	1,540.50	1	1,540.50	品質管理研究室	EBM	現地.	化学分析用道具	稼動中
2002	45	インキュベーター	U-03611-10	Cole-Parmer	4,483.00	1	4,483.00	品質管理研究室	EBM	現地.	細菌の培養、塩基性窒素の定量	稼動中
2002	46	携帯測深器	FCV-600L, 520-5PSD	FURUNO	976.95	1	976.95	漁業研究室	EBM	現地.	水深を測定	稼動中
2002	47	秤	A-11133-10	Cole-Parmer	1,648.00	1	1,648.00	漁業研究室	EBM	現地.	試料重量の測定	稼動中
2002	48	電子台秤	A-11125-20	Cole-Parmer	1,277.00	1	1,277.00	品質管理研究室	EBM	現地.	試料重量の測定	稼動中
2002	50	実体顕微鏡	A-48923-46	Cole-Parmer	1,874.50	1	1,874.50	漁業研究室	EBM	現地.	耳石、鱗、卵巣、胃内容物の観察	稼動中
2002	51	生物顕微鏡	A-03911-10	Cole-Parmer	5,245.40	1	5,245.40	漁業研究室	EBM	現地.	耳石の観察・測定	稼動中

年度	機材番号	機材名	型式	ﾒｰｶｰ	購入価格	数量	総額	使用ｾｸｼｮﾝ	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2002	52	冷凍庫		Refrigeracion Hermanos Gonzales	955.75	1	955.75	品質管理研究室	EBM	現地.	試料の冷凍保管	稼動中
2002	53	冷蔵庫	SR28	Samsung	402.00	1	402.00	品質管理研究室	EBM	現地.	試薬、試料の保管	稼動中
2002	54	測定板	Forestry Supp. 77309	WILDCO	178.00	2	356.00	品質管理研究室	EBM	現地.	魚体長測定	稼動中
2002	55	多項目測定器	A-99852-02, 99852-52, 05519-61	Cole-Parmer	4,340.00	1	4,340.00	植物ﾌﾟﾗﾝｸﾄﾝ研究室	EBM	現地.	調査海域の水質測定	稼動中
2002	56	マイクロメーター	A-48404-86	Cole-Parmer	40.00	2	80.00	漁業研究室	EBM	現地.	実態顕微鏡接眼レンズに使用	稼動中
2002	57	GPS	GP-31	FURUNO	299.15	1	299.15	漁業研究室	EBM	現地.	調査海域の位置測定	稼動中
2002	58	キャリパー(150m/m)	U-09924-06	Cole-Parmer	61.75	2	123.50	漁業研究室	EBM	現地.	試料の寸法測定に使用	稼動中
2002	59	キャリパー(300m/m)	U-09924-08	Cole-Parmer	109.00	3	327.00	漁業研究室	EBM	現地.	試料の寸法測定に使用	稼動中
2002	71	実態顕微鏡	A-48923-46	Cole-Parmer	2,410.00	1	2,410.00	品質管理研究室	EBM	現地.	耳石、鱗、卵巣、胃内容物の観察	稼動中
2002	72	倒立顕微鏡	TE-2000-S	Nikon	23,730.00	1	23,730.00	品質管理研究室	EBM	現地.	培養中細胞の観察、核移植に使用	稼動中
2002	74	コロニーカウンター	A-14015-00	Cole-Parmer	1,870.00	1	1,870.00	品質管理研究室	EBM	現地.	寒天培地上のコロニー数を自動計測する	稼動中
2002	75	ﾗｯﾌﾟﾄｯﾌﾟ型ﾊﾟｿｺﾝ	Satellite 2410 s205	Toshiba	1,938.00	1	1,938.00	漁業研究室	EBM	現地.	生物顕微鏡に接続して使用	稼動中
2002	76	電子台秤	A-11100-20	Cole-Parmer	2,742.00	1	2,742.00	漁業研究室	EBM	現地.	試料重量の測定	稼動中
2002	77	魚年齢査定関連設備一式			20,445.00	1	20,445.00	漁業研究室	EBM	本邦	ｻﾝﾌﾟﾙ・試薬の調整	稼動中
						Total	145,465.64					

1(4). 2003年度供与機材実績（INCOPESCA)

（単位：US$）

年度	機材番号	機材名	型式	メーカー	購入価格	数量	総額	使用セクション	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2003	2	オートクレーブ	MLS-3750	SANYO	7,400.00	1	7,400.00	市場調査課	INCOPESCA	現地.	細菌検査(病原性細菌、一般細菌)を無菌の状態で行うために使用。	稼動中
2003	6	滅菌用オーブン	3512	LAB-LINE	865.00	1	865.00	市場調査課	INCOPESCA	現地.	試験器具の滅菌・乾燥	稼動中
2003	7	顕微鏡解析用コンピュータ	Satellite 2410 s205	Toshiba	1,513.76	1	1,513.76	市場調査課	INCOPESCA	現地.	顕微鏡に接続し、顕微鏡データの解析に使用。	稼動中
2003	9	鮮度検査硝子器具		Fisher	3,133.00	1	3,133.00	市場調査課	INCOPESCA	現地.	化学検査・細菌検査に使用する硝子機器。	稼動中
2003	13	ボート輸送用トレーラー	A2460	Boston WHALER	2,916.00	1	2,916.00	調査・開発課	INCOPESCA	現地.	ボートを陸上輸送するのに使用。	稼動中
2003	14	船外機付属品		Johnson	1,641.25	1	1,641.25	調査・開発課	INCOPESCA	現地.	船外機を取り付けるための付属品。	稼動中
2003	15	車両	Prado 2004	TOYOTA	29,000.00	1	29,000.00	資源管理/品質管理	INCOPESCA	現地.	巡回指導に使用。	稼動中
2003	16	複写機	IMAGERUNNER 2000	CANON	3,958.00	1	3,958.00	電算機室	INCOPESCA	現地.	統計資料の複写	稼動中
						Total	50,427.01					

1(4). 2003年度供与機材実績（UNA)

（単位：US$）

年度	機材番号	機材名	型式	ﾒｰｶｰ	購入価格	数量	総額	使用ｾｸｼｮﾝ	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2003	1	クリーンベンチ	1284 with duct	Thermo-form	8,495.00	1	8,495.00	品質管理研究室	EBM	現地.	細菌検査(病原性細菌、一般細菌)を無菌の状態で行うために使用。	稼動中
2003	2	オートクレーブ	MLS-3780	SANYO	9,490.00	1	9,490.00	品質管理研究室	EBM	現地.	細菌培養、植物ﾌﾟﾗﾝｸﾄﾝ培養機材の滅菌。	稼動中
2003	3	冷凍庫	13-990-70	REVCO	7,125.00	1	7,125.00	品質管理研究室	EBM	現地.	鮮度検査及び貝毒検査のｻﾝﾌﾟﾙ及び試薬の保管。	稼動中
2003	4	ドラフトチャンバー	Model Premier	LABCONCO	7,895.00	1	7,895.00	品質管理研究室	EBM	現地.	揮発性物質を安全に取り扱うため。	稼動中
2003	5	野外調査用秤	11650-25	Cole-Parmer	1,316.00	1	1,316.00	漁業研究室	EBM	現地.	野外調査で魚類の重量を測定する。	稼動中
2003	8	放流試験機材	ASI-23, RR-115, RR-37, TP-110, SN-6C, SN-BC, DC-20, TRS2, FTN-q000, TG, TGN,	Acuatic Ecosystem	4,415.00	1	4,415.00	漁業研究室	EBM	現地.	標識を使って魚の回遊路を調査する。	稼動中
2003	10	ステンレス製乾燥器	EW-08901-50	Fisher	1,654.90	1	1,654.90	品質管理研究室	EBM	現地.	試薬の保存(湿気を防ぐ)	稼動中
2003	11	ｻﾝﾌﾟﾙボトル	101005	General Oceanics	816.60	1	816.60	植物ﾌﾟﾗﾝｸﾄﾝ研究所	EBM	現地.	海水ｻﾝﾌﾟﾙを採集するため。	稼動中
2003	12	冷蔵庫		Sistema de Refrigeracio n USA S.A.	1,164.71	1	1,164.71	品質管理研究室	EBM	現地.	培地・試薬の保存	稼動中
						Total	42,372.21					

1(4). 2005年度供与機材実績（INCOPESCA)

（単位：US$）

年度	機材番号	機材名	型式	メーカー	購入価格	数量	総額	使用セクション	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2005	5	電子吊秤	OCS-M	BALLAR	395.00	1	395.00	調査・開発課	INCOPESCA	現地.	水揚げ場、船上にて魚の重量を計量する。	稼動中
2005	10	マルチメディアプロジェクター	LV-S3	Canon	1,400.00	1	1,400.00	巡回指導課	INCOPESCA	現地.	セミナー・研修に使用	稼動中
2005	11	ワークステーション(コンピュータ)	Precision 670	Dell	3,349.00	3	10,047.00	統計課	INCOPESCA	現地.	漁獲データ管理システムを構築するために、ワークステーションを導入する。	稼動中
2005	12	プリンター	LBP-3200	Canon	130.00	2	260.00	統計課	INCOPESCA	現地.	漁獲データ管理システムにおけるデータの印字。	稼動中
2005	13	ビールス対策ソフト	Internet Security 2006	McAlfee	70.00	3	210.00	統計課	INCOPESCA	現地.	ワークステーションに対する総合的なセキュリティー対策ソフト。	稼動中
2005	14	外付けメモリー	Hi-speed USB 2.0 (120 GB)	Iomega	177.30	3	531.90	統計課	INCOPESCA	現地.	システム障害において、最新のファイルを回復し、最新のデータバックアップを復旧する	稼動中
						Total	12,843.90					

1(4). 2005年度供与機材実績(UNA)

(単位:US$)

年度	機材番号	機材名	型式	ﾒｰｶｰ	購入価格	数量	総額	使用ｾｸｼｮﾝ	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2005	1	海洋版GISMarine Explorer モジュール(GISソフト)	Marine Explorer Ver. 4	(株)環境シュミレーション研究所	12,907.00	1	12,907.00	漁業研究室	EBM	本邦	G.I.S.による海底地形図の作成に使用。	稼動中
2005	1	海洋版GISMarine Explorer モジュール(GISソフト)用コンピュータ	OptiPlex GX520	DELL	1,549.00	1	1,549.00	漁業研究室	EBM	現地.	G.I.S.ソフトを作動させるためのコンピュータ	稼動中
2005	2	魚群探知機	GP-1850WF	FURUNO	3,908.00	1	3,908.00	漁業研究室	EBM	本邦	海底の深度を測定する。	稼動中
2005	6	バキュームフィルターホルダー及びマニホールド	Catalogue No. 09-747	NALGENE	918.00	1	918.00	ﾌﾟﾗﾝｸﾄﾝ培養研究室	EBM	現地.	海水ﾌﾟﾗﾝｸﾄﾝを濾過収集する。	稼動中
2005	7	分散器	07903-60	Universal	356.00	2	712.00	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2005	8	定量ピペット	07897-30	Cole-Parmer	361.00	2	722.00	品質管理研究室	EBM	現地.	試薬を正確に採る。	稼動中
2005	9	分光光度計用セル	83200-02	Cole-Parmer	160.00	6	960.00	品質管理研究室	EBM	現地.	分光分析時の試料を入れる容器。	稼動中
2005	10	プリンター	LBP-5200	CANON	660.00	1	660.00	漁業研究室	EBM	現地.	G.I.S.による海底地形図の印刷	稼動中
2005	11	プリンターカートリッジ	Toner cartridge 101	CANON	129.00	13	1,677.00	漁業研究室	EBM	現地.	上記プリンター用	稼動中
2005	12	プリンター用ドラムカートリッジ	Drum cartridge 101	CANON	217.00	1	217.00	漁業研究室	EBM	現地.	上記プリンター用	稼動中
						Total	21,676.00					

1(4). 2006年度供与機材実績（INCOPESCA)

（単位：US$）

年度	機材番号	機材名	型式	メーカー	購入価格	数量	総額	使用セクション	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2006	4	電子台秤	SK-20KWP	AND USA	390.00	1	390.00	調査・開発課	INCOPESCA	現地.	水揚げ場、船上にて魚の重量を計量する。	稼動中
						Total	390.00					

1(4). 2006年度供与機材実績（UNA)

（単位：US$）

年度	機材番号	機材名	型式	ﾒｰｶｰ	購入価格	数量	総額	使用ｾｸｼｮﾝ	設置場所	現地./本邦調達	使用目的	現状の稼動状況・使用状況
2006	1	消イオン器	D440066 (D2)	Branstead	1,865.00	1	1,865.00	品質管理研究室	EBM	現地.	蒸留装置に接続し、水の中の炭酸塩量を減少させる。	稼動中
2006	2	製氷機	Model 50	ARTIC-TEMP	2,900.00	1	2,900.00	漁業研究室	EBM	現地.	標本魚類の鮮度維持のために氷を使用。	稼動中
2006	3	インキュベーター	Model L15	SHEL LAB B.O.D.	1,700.00	2	3,400.00	品質管理研究室	EBM	現地.	魚類製品の腐敗分析に使用。	稼動中
2006	5	倒立顕微鏡用対物レンズ（60X）	Cat. MRH18620	NIKON	3,150.00	1	3,150.00	ﾌﾟﾗﾝｸﾄﾝ培養研究室	EBM	現地.	微藻類分類同定用倒立顕微鏡の解析度を向上させる。	稼動中
2006	6	フラクションコレクター	CZ-01473-93	Cole-Parmer	4,978.00	1	4,978.00	品質管理研究室	EBM	現地.	K値を決定するために使用。	稼動中
2006	7	容量調整可能ピペット	CZ-07897-30	Cole-Parmer	486.00	1	486.00	品質管理研究室	EBM	現地.	必要容量を正確に量りとる。	稼動中
2006	8	耐水、耐衝撃ラップトップパソコン	Toughbook 51, CF-51QF2DEBM	PANASONIC	3,382.14	1	3,382.14	漁業研究室	EBM	現地.	資源データ入手のための現地調査(船上、水揚げ場、等)に使用。	稼動中
						Total	20,161.14					

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