



THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY  
(Ministry of Commerce & Industry, Government of India)

## ANNUAL REPORT 2011 - 12



## VALUE ADDED PRODUCTS



*Breaded Shrimp*



*Cobia Fish Fillets*



# **ANNUAL REPORT**

**2011 - 2012**



**THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY**

**PANAMPILLY AVENUE  
KOCHI - 682 036**



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## 1.0. THE AUTHORITY

The Marine Products Export Development Authority under the Ministry of Commerce and Industry is a statutory body entrusted with the primary task of promotion of export of marine products.

The Authority was re-constituted on 28<sup>th</sup> July 2010 and the members as on 31.03.2012 are given in Appendix - 1. Ms. Leena Nair, IAS continued as the Chairman of MPEDA during the period under report.

The list of members of the three Standing Committees viz. the Executive Committee, Export Promotion Committee and the Technical Committee as on 31.03.2012 is given in Appendix - 2.

During the year 2011-12, two meetings of the Authority (121<sup>st</sup> Authority on 28.06.2011 and 122<sup>nd</sup> Authority on 04.01.2012), Two meetings of the Executive Committee (98<sup>th</sup> Executive Committee on 27.06.2011 and 99<sup>th</sup> Executive Committee on 17.11.2011) one meeting of Technical Committee (53<sup>rd</sup> Technical Committee on 27.06.2011) at Kochi and one meeting of Export Promotion Committee (53<sup>rd</sup> Export Promotion Committee on 18.02.2012) was held at Chennai.

## 2.0. OFFICE STRUCTURE

The Marine Products Export Development Authority functions under the overall supervision of the Chairman, supported by a team of officials both at the Head Office and the field offices.

The Authority has field offices in all the maritime States to carry out various export promotion functions assigned to it. It also runs Trade Promotion Offices to liaise with the importers and agencies in the seafood trade and various Central Ministries.

The team of officers of the Authority as on 31.03.2012 at the Head Office, Regional and Sub-Regional Offices, Trade Promotion Offices in New Delhi, Tokyo and New York, Regional and Sub-Regional Centres of Aquaculture and Laboratories at Nellore & Bhimavaram is given at Appendix - 3.

### 2.1. Regional & Sub-Regional Offices/Centres

The Regional Offices at Veraval, Mumbai, Kochi, Chennai, Vizag, Kolkata, and Sub-Regional Offices at Goa, Mangalore, Kollam, Tuticorin, Bhubaneswar and Guwahati continued to discharge its functions relating to export promotion by providing support and assistance to the processing industry and the trade. The Regional/Sub-Regional Offices functioned in close association with the Departments of Fisheries of the respective State Governments, the seafood industry and other organisations involved in the export trade. The Regional Centres for Aquaculture at Valsad, Panvel, Kochi, Thanjavur, Vijayawada, Bhubaneswar and the Sub-Regional Centres at Kolkata, Bhimavaram, Karwar and Kannur continued to promote aquaculture development for augmenting production for exports. MPEDA is implementing a National Residue Control Programme through its laboratories at Kochi, Nellore and Bhimavaram. A LC-MSMS Laboratory at Bhubaneswar and sixteen ELISA test Laboratories in coastal states are also being operated under management contract basis for the benefit of the marine products export industry.

### 2.2. Trade Promotion Offices (Overseas)

MPEDA has two Trade Promotion Offices (TPO) - in Tokyo and New York - to service the leading markets of Indian seafood. The Trade Promotion Offices at Tokyo and New York have been functioning since 1978 and 1984 respectively. Japan and USA continued to be among the leading markets for marine products and these offices play a key role in sustaining our export in spite of high competition from other supplying nations. They liaise with importers, Government agencies, quarantine authorities, associations, etc. and keep a close watch on various developments within the country as well as the adjoining countries that may have an impact on the seafood trade from India.





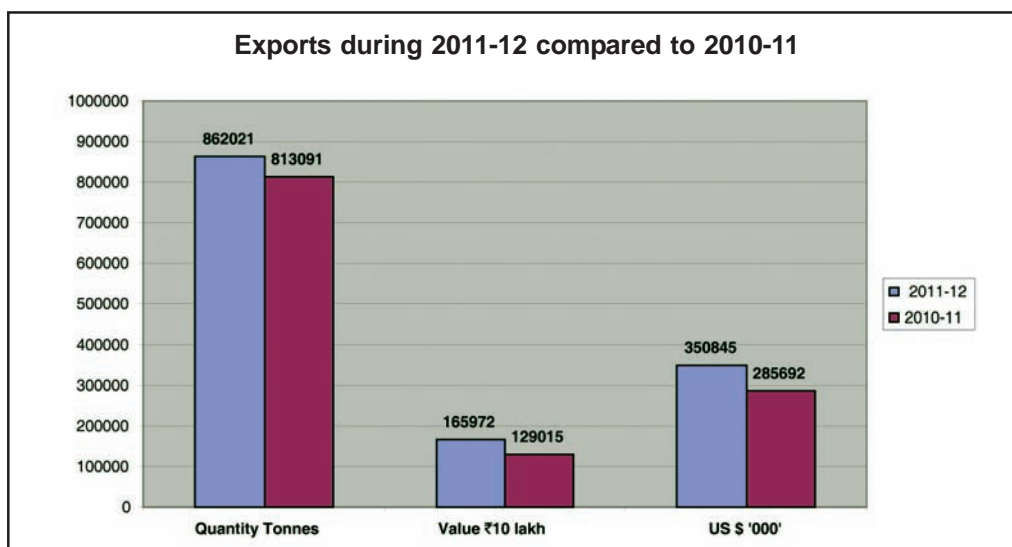
## 3.0. EXPORT PERFORMANCE

### 3.1. Overall export of marine products

During the financial year 2011-12, for the first time in the history of Marine product exports, the export earnings have crossed USD 3.5 billion. This is also first time export has crossed all previous records in quantity, Rupee value and US \$ terms. Exports aggregated to 862021 Tonnes valued at ₹ 16597.23 crore and USD 3508.45 million. Compared to the previous year, seafood exports recorded a growth of 6.02% in quantity, 28.65% in Rupee and 22.81% growth in US\$ earnings respectively as per details given below:-

Exports during 2011-12 compared to 2010-11

Export details	2011-12	2010-11	Growth %
Quantity Tonnes	862021	813091	6.02
Value ₹ crore	16597.23	12901.47	28.65
Value US \$ Million	3508.45	2856.92	22.81



### 3.2. Major items of export

Frozen Shrimp continued to be the major export value item accounting for 49.63% of the total US \$ earnings. Shrimp exports during the period increased by 24.86%, 42.97% and 37.99% in quantity, Rupee value and US\$ value respectively.

Fish, has retained its position as the principal export item in quantity terms and the second largest export item in value terms, accounted for a share of about 40.27% in quantity and 19.48% in US\$ earnings.

Frozen Cuttlefish recorded a growth of 21.92% in Rupee value and 15.58% in USD terms. Unit value also increased by 25.06%, however, there is a decline in quantity (7.59%). Export of Frozen Squid showed an increase of 21.53% in Rupee value and 17.46% in US\$ realization. Unit value also increased by 32.95%. However, there is a decrease of 11.65% in terms of quantity.

Live items also showed a growth of 8.76% in terms of Rupee value and 3.18 % in terms of US\$ realization compared to the previous year. Dried items showed a drastic decline in quantity, value and US\$ terms by 32.05%, 41.08% and 44.56% respectively. The details are given in the following table.



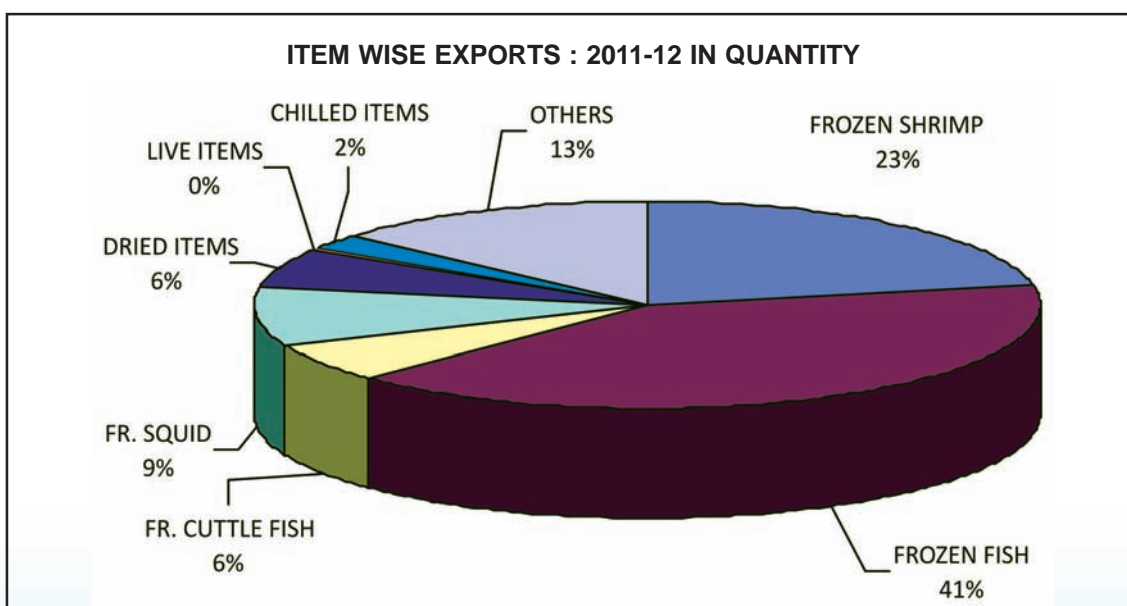
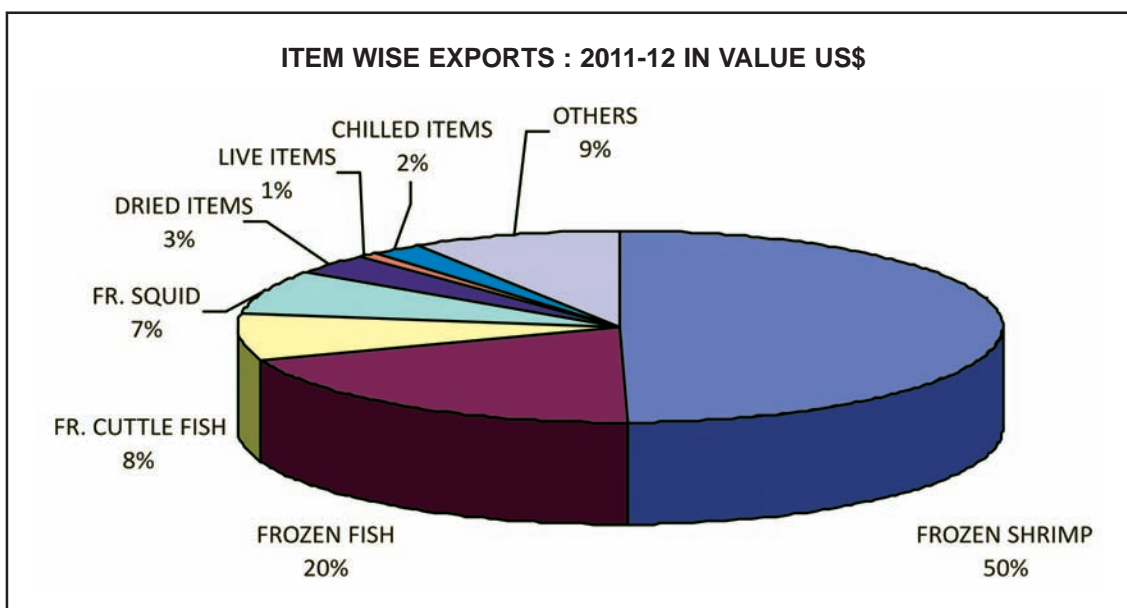


## MAJOR ITEM WISE EXPORTS

(Q: Quantity in Tons, V: Value in ₹ Crore, \$: US\$ Million, UV\$: Unit Value \$ / kg.)

Item		Share %	2011-12	2010-11	Variation	(%)
1		2	3	4	5	6
Frozen Shrimp	Q:	22	189125	151465	37660	24.86
	V:	49.26	8175.26	5718.13	2457.13	42.97
	\$:	49.63	1741.20	1261.81	479.39	37.99
	UV\$:		9.21	8.33	1	10.51
Frozen Fish	Q:	40	347118	312358	34759	11.13
	V:	19.79	3284.15	2623.89	660.25	25.16
	\$:	19.48	683.50	583.48	100.02	17.14
	UV\$:		1.97	1.87	0	5.41
Frozen Cuttlefish	Q:	6	54671	59159	-4488	-7.59
	V:	8.11	1346.72	1104.57	242.15	21.92
	\$:	8.06	282.72	244.62	38.10	15.58
	UV\$:		5.17	4.13	1	25.06
Frozen Squid	Q:	9	77373	87579	-10207	-11.65
	V:	7.40	1228.19	1010.57	217.61	21.53
	\$:	7.49	262.72	223.67	39.04	17.46
	UV\$:		3.40	2.55	1	32.95
Dried items	Q:	6	53721	79059	-25338	-32.05
	V:	3.39	562.65	954.94	-392.30	-41.08
	\$:	3.35	117.66	212.22	-94.56	-44.56
	UV\$:		2.19	2.68	0	-18.41
Live items	Q:	0	4199	5208	-1009	-19.37
	V:	0.93	154.61	142.15	12.45	8.76
	\$:	0.93	32.46	31.46	1.00	3.18
	UV\$:		7.73	6.04	2	27.98
Chilled items	Q:	2	21278	21118	160	0.76
	V:	2.15	357.42	257.54	99.88	38.78
	\$:	2.11	74.03	56.93	17.10	30.03
	UV\$:		3.48	2.70	1	29.05
Others	Q:	13	114538	97145	17393	17.90
	V:	8.97	1488.24	1089.67	398.57	36.58
	\$:	8.95	314.16	242.72	71.44	29.43
	UV\$:		2.74	2.50	0	9.78
Total	Q:	100	862021	813091	48931	6.02
	V:	100	16597.23	12901.47	3695.76	28.65
	\$:	100	3508.45	2856.92	651.53	22.81
	UV\$:		4.07	3.51	1	15.83





### 3.3. Major export markets

South East Asia became the largest buyer of Indian marine products with a share of 39.90 % in volume and 25.09% in US \$ realization. European Union (EU) got into the second place with a share of 22.96% followed by USA 18.17%, Japan 13.01%, China 7.51%, Middle East 5.33% and Other Countries by 7.95% in US \$ terms.

Exports to South East Asia registered a growth of 87.51% in US\$ realization and 47.01% in terms of volume. Increase in export of Frozen Shrimp, Frozen Fish and Chilled items contributed to the growth. Exports to US had registered a positive growth of 36.45% in quantity and 45.39% in US\$ realization and is mainly attributed by the export of Frozen Shrimp and cephalopods. Exports of Vannamei shrimp showed a tremendous increase in US market by 212% in quantity and 209% in US \$ realization.



Export to Japan also registered a positive growth of 21.33% in quantity and 22.35% in US \$ terms. Exports of chilled items showed a tremendous increase in Japanese market by 120.12% in quantity and 220.34% in US \$ realization.

Exports to China showed a drastic decline of 46.89% in quantity and 40.17% in US\$ terms. The marine products exports have strengthened India's presence in South East Asia. There is a significant increase in exports to South East Asian Countries compared to the previous year.

Export of Frozen Shrimp to South East Asia has registered a growth of about 222.43% in volume and 356.36% in US\$ terms. Export of Frozen Shrimp to USA has also showed a growth of about 47.68% in volume and 47.55% in US\$ terms. Export of Vannamei shrimp had also picked up. We have exported about 40787 MT of Vannamei shrimp during this period.

Export to Middle East countries showed an increase of 25.98% in US\$ realization but declined in quantity by 13.25%. The details are given in the following table.

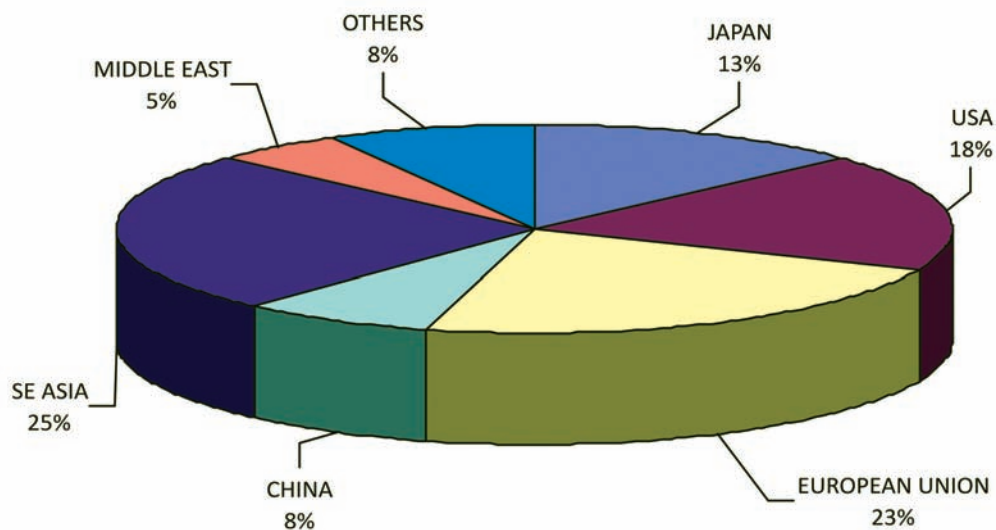
**MAJOR MARKET WISE EXPORTS**  
(Q: Quantity in Tons, V: Value in ₹ Crore, \$: USD Million)

Country		Share %	2011- 12	2010 - 11	Variation	(%)
1		2	3	4	5	6
Japan	Q:	10	85800	70714	15085	21.33
	V:	12.90	2,140.67	1,683.39	457.28	27.16
	\$:	13.01	456.35	373.00	83.36	22.35
USA	Q:	8	68354	50095	18259	36.45
	V:	17.94	2,977.53	1,990.26	987.26	49.60
	\$:	18.17	637.53	438.49	199.04	45.39
European Union	Q:	18	154221	170963	-16742	-9.79
	V:	22.96	3,810.44	3,459.40	351.04	10.15
	\$:	22.96	805.38	765.15	40.23	5.26
China	Q:	10	84515	159147	-74631	-46.89
	V:	7.59	1,259.23	1,977.81	-718.58	-36.33
	\$:	7.51	263.30	440.10	-176.80	-40.17
South East Asia	Q:	40	343962	233964	109998	47.01
	V:	25.27	4,193.27	2,114.48	2,078.79	98.31
	\$:	25.09	880.09	469.36	410.73	87.51
Middle East	Q:	4	38155	43983	-5827	-13.25
	V:	5.39	894.38	670.35	224.03	33.42
	\$:	5.33	186.85	148.31	38.53	25.98
Others	Q:	10	87014	84225	2789	3.31
	V:	7.96	1,321.72	1,005.77	315.94	31.41
	\$:	7.95	278.94	222.50	56.44	25.37
Total	Q:	100	862021	813091	48931	6.02
	V:	100	16,597.23	12,901.47	3,695.76	28.65
	\$:	100	3,508.45	2,856.92	651.53	22.81

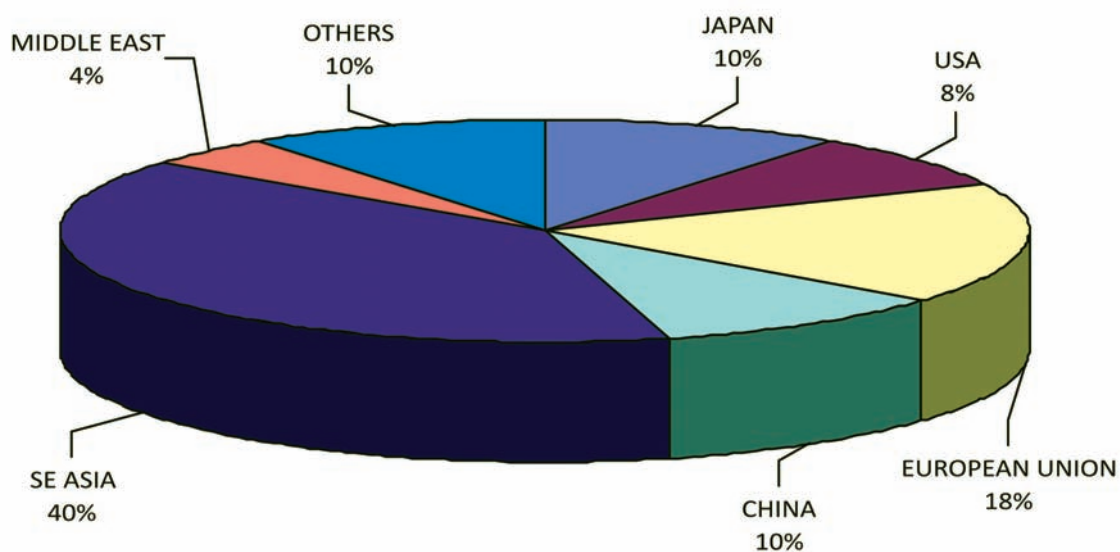




MARKET WISE EXPORTS : 2011-12 IN VALUE



MARKET WISE EXPORTS : 2011-12 IN QUANTITY



### 3.4. Major Port-wise Exports

Exports were effected through 21 sea/air/land ports. Exports improved from Kochi, Vizag, Pipavav, Kolkata, Tuticorin and Goa compared to previous year. The details are given in the following table:-





## MAJOR PORT WISE EXPORT OF MARINE PRODUCTS

(Q: Quantity in Tons, V: Value in ₹ Crore, \$: USD Million)

Ports		Share %	April 2011 - March 2012	April 2010 - March 2011	Variation	(%)
1		2	3	4	5	6
Kochi	Q:	17.68	152445	121550	30894	25.42
	V:	17.23	2,859.02	1,892.14	966.88	51.10
	\$:	17.25	605.25	418.10	187.14	44.76
Vizag	Q:	7.22	62215	38217	23998	62.79
	V:	15.98	2,652.15	1,300.28	1,351.87	103.97
	\$:	16.10	565.03	286.44	278.58	97.26
Pipavav	Q:	25.50	219801	197478	22323	11.30
	V:	16.33	2,710.34	2,025.72	684.62	33.80
	\$:	16.08	564.30	452.22	112.08	24.78
J N P	Q:	17.27	148891	155829	-6937	-4.45
	V:	12.96	2,151.66	1,970.65	181.01	9.19
	\$:	12.90	452.57	437.73	14.84	3.39
Chennai	Q:	5.36	46184	55961	-9777	-17.47
	V:	11.13	1,847.88	1,979.76	-131.89	-6.66
	\$:	11.25	394.61	436.77	-42.16	-9.65
Kolkata	Q:	6.86	59151	56060	3091	5.51
	V:	10.43	1,730.89	1,313.67	417.22	31.76
	\$:	10.55	370.14	290.50	79.63	27.41
Tuticorin	Q:	4.01	34532	30220	4311	14.27
	V:	7.11	1,180.84	880.41	300.43	34.12
	\$:	7.14	250.58	194.12	56.45	29.08
Mangalore/ICD	Q:	10.02	86367	104821	-18453	-17.60
	V:	3.97	659.41	688.32	-28.91	-4.20
	\$:	3.93	137.90	152.45	-14.55	-9.55
Goa	Q:	4.69	40432	35728	4704	13.17
	V:	2.12	351.17	275.30	75.87	27.56
	\$:	2.10	73.66	61.04	12.62	20.67
Mumbai	Q:	0.34	2973	1965	1009	51.35
	V:	1.62	268.51	273.49	-4.97	-1.82
	\$:	1.59	55.68	60.73	-5.05	-8.32
Trivandrum	Q:	0.33	2867	2932	-65	-2.22
	V:	0.71	117.54	105.61	11.93	11.30
	\$:	0.70	24.56	23.33	1.23	5.27
Mid Sea	Q:	0.23	1963	7600	-5637	-74.17
	V:	0.13	21.68	52.23	-30.55	-58.49
	\$:	0.13	4.56	11.44	-6.88	-60.13
Calicut	Q:	0.05	403	132	270	204.03
	V:	0.07	11.77	4.36	7.41	170.14
	\$:	0.07	2.48	0.97	1.51	155.40





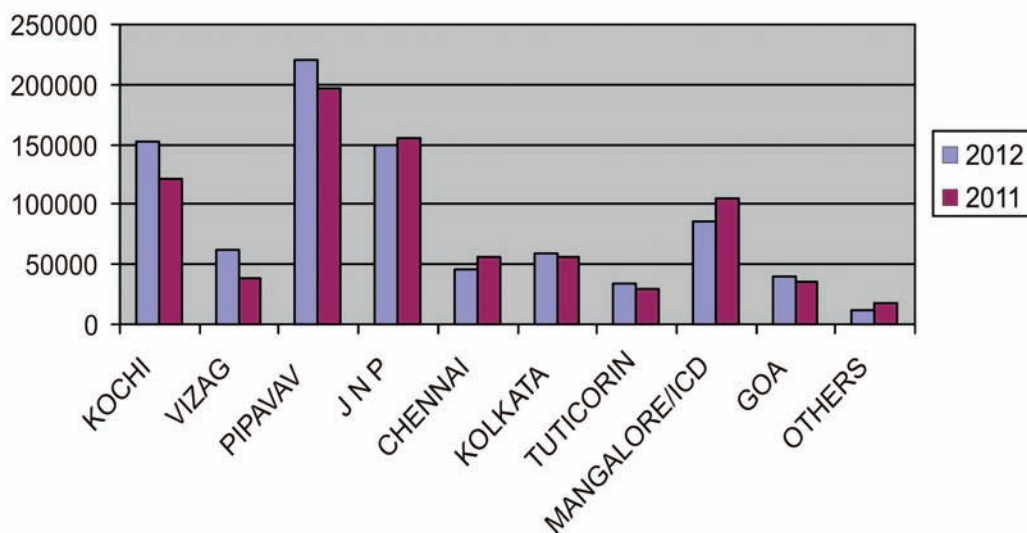
# Annual Report 2011-12

## MPEDA

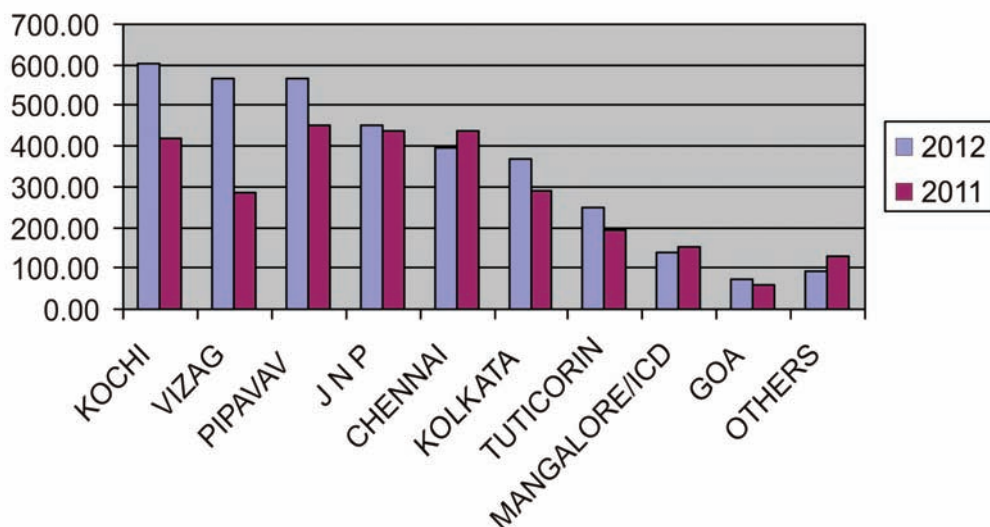
1		2	3	4	5	6
Mundra	Q:	0.07	573	263	311	118.15
	V:	0.07	11.15	3.79	7.36	193.92
	\$:	0.07	2.28	0.84	1.44	170.38
Hill Land customs	Q:	0.32	2736	3714	-978	-26.34
	V:	0.04	6.62	8.35	-1.74	-20.80
	\$:	0.04	1.36	1.85	-0.49	-26.38
Delhi	Q:	0.00	34	0	34	***
	V:	0.03	4.94	0.00	4.94	***
	\$:	0.03	1.05	0.00	1.05	***
Ahmadabad	Q:	0.01	87	432	-345	-79.89
	V:	0.03	4.77	124.94	-120.17	-96.18
	\$:	0.03	1.04	27.81	-26.77	-96.26
Hyderabad	Q:	0.01	85	2	82	3,709.27
	V:	0.02	3.24	0.03	3.21	11,629.59
	\$:	0.02	0.68	0.01	0.67	***
Veraval	Q:	0.01	101	0	101	***
	V:	0.01	1.77	0.00	1.77	***
	\$:	0.01	0.34	0.00	0.34	***
Bangalore	Q:	0.00	8	3	6	189.14
	V:	0.00	0.81	0.22	0.60	274.87
	\$:	0.00	0.17	0.05	0.12	254.80
Trichy	Q:	0.00	22	10	12	117.51
	V:	0.00	0.44	0.31	0.13	42.41
	\$:	0.00	0.10	0.07	0.03	47.75
Haldia	Q:	0.00	28	0	28	***
	V:	0.00	0.33	0.00	0.33	***
	\$:	0.00	0.07	0.00	0.07	***
Agartala	Q:	0.01	105	0	105	***
	V:	0.00	0.24	0.00	0.24	***
	\$:	0.00	0.05	0.00	0.05	***
Karimganj	Q:	0.00	19	51	-32	-63.38
	V:	0.00	0.04	0.14	-0.10	-72.77
	\$:	0.00	0.01	0.03	-0.02	-73.23
Port Blair	Q:	0.00	1	0	1	***
	V:	0.00	0.01	0.00	0.01	***
	\$:	0.00	0.00	0.00	0.00	***
Kandla	Q:	0.00	0	124	-124	-100.00
	V:	0.00	0.00	1.75	-1.75	-100.00
	\$:	0.00	0.00	0.40	-0.40	-100.00
Total	Q:	100	862021	813091	48931	6.02
	V:	100	16,597.23	12,901.47	3,695.76	28.65
	\$:	100	3,508.45	2,856.92	651.53	22.81



**MAJOR PORT WISE EXPORTS (IN QUANTITY TONS)**



**MAJOR PORTWISE EXPORTS (IN US\$ MILLION)**



## 4.0. ANNUAL PLAN WITH BUDGET AND EXPENDITURE

### 04.1. Progress of plan scheme implementation

The developmental/promotional activities were carried out under six major heads viz. (i) Market Promotion, (ii) Capture Fisheries, (iii) Culture Fisheries (iv) Processing Infrastructure & Value Addition, (v) Quality Control (vi) Research & Development.





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# MPEDA

Plan Budget (RE) for 2011-12 was ₹ 110 crore. The Department of Commerce released ₹ 109.28 crore under Plan Scheme.

(₹ in lakh)

Sl. No.	Name of Heads	Amount
1.	Market Promotion	₹ 2,541.03
2.	Capture Fisheries	₹ 1,133.75
3.	Culture Fisheries	₹ 1,905.73
4.	Processing Infrastructure & Value Addition	₹ 2,534.20
5.	Quality Control	₹ 1,704.56
6.	Research and Development	₹ 1,500.00
	<b>Total</b>	<b>₹ 11,319.27</b>

A statement showing Plan expenditure during the previous years can be seen in the following table:-

(₹ in lakh)

Year	Budget Provision	Plan funds released by the MoCI	Plan expenditure by the MPEDA	Unutilized funds at the end of the year
2001-02	3,000.00	3,000.00	3,007.14	- 62.19*
2002-03	4,000.00	4,090.00	4,061.84	- 8.11*
2003-04	4,100.00	4,100.00	4,005.00	+643.70**
2004-05	4,400.00	4,400.00	4,382.19	+661.51
2005-06	5,400.00	4,738.00	5,209.00	214.80
2006-07	5,835.00	4,785.00	4,952.25	- 47.72*
2007-08	8,000.00	7,666.60	7,807.82	- 31.85
2008-09	9,000.00	8,763.00	8,706.52	58.14#
2009-10	9,050.00	8,991.86	9,018.37	66.93##
2010-11	9,000.00	8,933.07	9,001.23	71.92###
2011-12	11,000.00	10,928.08	11,319.27	- 213.89####

(\*) Negative figure indicates excess of Plan expenditure over Plan funds received from the MoCI. Closing balance is arrived after adjusting Extra Budgetary Resources, if any.

(\*\*) Closing Balance as on 31.03.2004 includes ₹ 600 lakh reimbursed from ASIDE Fund towards purchase of HPLC MS-MS equipments, which was originally met from Plan Funds during 2002-03.

(#) The closing balance of ₹ 58.14 lakh as on 31.03.2009 includes ₹ 25.00 lakh interests on General Deposit of Plan Funds received from MoCI as per instruction of MoCI.

(##) The closing balance of ₹ 66.93 lakh as on 31.03.2010 includes ₹ 35.30 lakh interests on General Deposit of Plan Fund received from MoCI as per instruction of MoCI.

(###) The closing balance of ₹ 71.92 lakh as on 31.03.2011 including ₹ 73.15 lakh interest earned on General Deposit of Plan Fund received from MoCI.

(####) The closing balance of ₹ 213.89 lakh as on 31.03.2012 including ₹ 105.38 lakh (provisional) interest earned on General Deposit of Plan Fund received from MoCI

## 5.0. REGISTRATION

The Authority under the statutory provisions of the MPEDA Act and Rules continued to register / de-register and cancel the Exporters, Fishing Vessels, Processing Plants, Ice Plants, Cold Storages and Handling Centres, etc. during 2011-12. The details of registration / de-registration and cancellation effected as on 31.3.2012 under various categories are shown below:-





## REGISTRATIONS, DE-REGISTRATIONS AND CANCELLATIONS DURING THE PERIOD FROM 01.04.2011 TO 31.03.2012

Category	Registered as on 01.04.2011	Registration done	De-Registration done	Cancellation done	Registered as on 31.03.2012	Capacity in M.T.
Manufacturer Exporter	426	58	5	13	466	NA
Merchant Exporter	465	89	26	40	488	NA
Route Thro Merchant Exporter	31	9	1	1	38	NA
Ornamental Fish Exporter	51	9	3	0	57	NA
Fishing Vessels	8139	891	2	37	8991	NA
Processing Plants	416	33	11	0	438	17033.43
Ice Plants	73	4	1	0	76	2078.35
Peeling Shed	591	36	17	0	610	5699.11
Conveyance	159	10	0	0	169	1212.07
Storages	499	44	15	1	527	188737.10
Fresh/ Chilled Fish H. Centre	31	7	5	0	33	1452.90
Live Fish Handling Centre	28	6	2	0	32	2332.13
Salted/Dried Fish H. Centre	50	13	1	0	62	1036.98

NA: Not Applicable

## 6.0. MARKET PROMOTION

### 6.1. MARKET SERVICES

**6.1.1.** Indian shrimp exports to USA have been subjected to Anti Dumping Duty from August 2004. Added to this, US Customs were taking cash deposits, continuous bonds from Importers. The Dispute Settlement Body of WTO ruled in favour of India regarding the issue of continuous bond requirement by the US Customs and Board of Protection on Frozen shrimp exports to US. Based on this US Customs and Boarder Protection has done away with the enhanced Bond Requirement prospectively from the date of decision i.e. from 01.04.2009. But the Bonds for the period August 2004 to 31<sup>st</sup> March 2009 were not released. This matter was taken up with MoCI for discussion in the US Trade Policy Forum. The details of outstanding Bonds, Collaterals were collected from the concerned exporters. This matter was also raised by Chairman, MPEDA during the meeting with Her Excellency the Ambassador of India in USA and meeting with US DoC and CBP, in March 2012.

US DoC has also announced the preliminary results of 6<sup>th</sup> Administrative review on Anti dumping duty for the period 01.02.2010 to 31.01.2011. Review specific average rate of antidumping duty for frozen warm water shrimp from India is 2.51%.

**6.1.2.** Suggestions/Proposals for Pre-budget exercise of the Union Government for 2011-12 were forwarded to MoCI. Based on the pre budget proposal from MPEDA the basic customs duty has come down for the following items:-

- ❖ Basic customs duty on Artemia is being reduced from 30% to 5%.
- ❖ Basic customs duty on probiotics is being reduced from 10% to 5%.
- ❖ Basic customs duty on Marine seawater pumps with the fiber impellers and Automatic fish / prawn feeder is being reduced from 10% to 5%.





- 6.1.3.** Suggestions for Sectoral Review Meeting are forwarded to DGFT for Duty exemption for import of machinery and equipments used for aquaculture operation, and increase duty free entitlement from 1% to 2% for import of specialized inputs used in marine sector. In addition to this suggestion has been made for increase of duty draw back to 8% and VKGUY to 5% for frozen marine products. A duty drawback rate of 8% was suggested for value added fish products under tariff item number 1604 and 1605. Suggestions for inclusion of Fish Oil in the Duty Draw back schedule were forwarded to Central Board of Excise and Customs.
- 6.1.4.** Comments were provided from MPEDA for fixing of SION against Advance Authorizations issued for Frozen meal kit containing Shrimps, Pasta, Vegetables & Sauce, Retort Processed Tuna in Pouch, Frozen Meal kit containing Tilapia fish sauce & Rice, Sterilized Dried Fish Meal Powder, Agar Agar strips / Powder Grade Food / Microbiological / Bacteriological/ Pharma obtained from the Agar Agar Powder Commercial Grade, Frozen Imitation Crab Sticks/Chunk/Bite & Marine Oil KM 2040 for import of ingredients for the purpose of availing duty exemption.
- 6.1.5.** During this period MPEDA forwarded comments to MoCI in connection with India - EFTA Trade Negotiation, India-EU Trade Negotiation, India - Australia FTA Negotiations, India - Israel Free Trade Negotiation, India - New Zealand Trade Negotiation, India-Chile PTA. In addition to this MPEDA offered comments to Ministry of Agriculture for Canada's New Regulatory requirements for import of aquatic animals from India.
- 6.1.6.** Comments were forwarded to MoA for agenda points for 13<sup>th</sup> Session of the Committee on Fisheries (COFI) Sub-Committee on Fish Trade held in Hyderabad from 20-24 February 2012. Deputy Director (MS) participated in the Sub Committee on Fish Trade as an Indian delegate.
- 6.1.7.** MPEDA circulated the trade enquiries in the industry and addressed trade & quality complaints for amicable settlement.

#### **6.1.8. Market Service Schemes**

##### **1) Sea Freight Assistance**

During 2011-12 an assistance of ₹ 14.44 Crore was extended to 80 manufacturer exporters under the scheme for the export of value added marine products.

##### **2) Group Insurance Scheme**

The scheme is operated in association with M/s. United India Insurance Company Ltd., Kochi. During 2011-12, 16161 workers were brought under the scheme.

##### **3) Development Assistance for export of Ornamental / Aquarium Fishes/ Live Aquarium Plants**

During 2011-12, extended an assistance of ₹ 10.20 lakh to 7 beneficiaries under the scheme.

##### **4) Logo Promotion Scheme**

With the aim of promotion of Value added fish products, processed/produced in MPEDA registered processing plants Logo scheme has been implemented. For promotion of the scheme, processing plants were visited and discussed with exporters on the importance of registration of Logo with MPEDA.





*Women workers involved in processing work*

## 6.2. PUBLICITY & MARKET PROMOTION

### 6.2.1. Participation in fairs abroad and within India.

With the approval of MoCI MPEDA participated in the following international fairs during 2011-12:-

- 1) European Seafood Exposition, Brussels, 3-5 May 2011 (ESE 2011)
- 2) AQUARAMA Ornamental fish exhibition, 26-29 May 2011
- 3) 12<sup>th</sup> Japan International Seafood Expo held at Tokyo, Japan, 27-29 July 2011 (Organised through TPO)
- 4) Asian Seafood Exposition, Hong Kong 6-8 September 2011
- 5) Dubai International Seafood & Fisheries Expo, September 26-28, 2011
- 6) China Fisheries & Seafood Expo, Qingdao, China, November 1-3, 2011
- 7) International Boston Seafood Show (IBSS), New York, March 11-13, 2012
- 8) Brand India Expo, Ottawa, 13-14 March 2012



*MPEDA - Indian Pavilion at European Seafood Exposition 2012,  
Brussels, Belgium*







Through our effective participation in these fairs, MPEDA could display India's immense fishery resources, potential world class processing facilities and above all a wide range of products being processed and exported from India. Value added products displayed in MPEDA stall have highlighted the innovationness of Indian products.

### ❖ European Seafood Exposition (ESE 2011)

This year's participation in ESE 2011 held during 3<sup>rd</sup> to 5<sup>th</sup> May, 2011 was the largest having two pavilions of total 448 sq. m. There were 17 co-exhibitors in the India Pavilion at ESE 2011. MPEDA has also hosted the ESE-India event, a buyer-seller meet cum luncheon programme for major importers of Indian seafood and Diplomats/Policy Makers in Belgium, European Commission. Chairman, MPEDA made a presentation on the Indian seafood scenario, MPEDA and its role in ensuring quality exports.

### ❖ International Boston Seafood Show (IBSS 2012)

MPEDA also had 6 co-exhibitors for the International Boston Seafood Show held during 11-13 March, 2012.

The trade enquires received during the Shows were disseminated to the trade through MPEDA publication, Newsletter. Co-exhibitors also had direct business dealings and enquiries. In Shows like Asian Seafood Expo,



*Ms. Leena Nair IAS, Chairman MPEDA making presentation on the Indian seafood production and processing scenario during India Event at ESE 2011*



*Chairman MPEDA, Director (Marketing) and Resident Director, TPO, New York interact with a visitor at International Boston Seafood Show 2012*





Aquarama and Dubai Expo, interested exporters were given table space in MPEDA stall which were utilized by them for business deals.

A proposal for participation in international fairs during 2012-13 has been forwarded to MoCI for approval.

#### ❖ **Domestic fairs**

In order to disseminate the vast potential of the fisheries, aquaculture and ornamental fish sectors and to highlight investment opportunities in this field, MPEDA participated in the following 10 domestic fairs during this period.

- 1) Haritholsavam 2011 organised by the Department of Agriculture, Kerala held at Kochi from 3<sup>rd</sup> to 7<sup>th</sup> September, 2011.
- 2) Krishi Utsav, held at Kota, Rajasthan during 22-23 September, 2011.
- 3) Kollam Fest - organised by Corporation of Kollam, Kerala, during 7-11 December, 2011.
- 4) Swasraya Bharath organised by Swadeshi Science Movement held at Kochi, Kerala, during 16-18 December, 2011.
- 5) Karshika Mela, held at Thodupuzha, Kerala, during 26<sup>th</sup> December 2011 to 4<sup>th</sup> January 2012.
- 6) 99<sup>th</sup> Indian Science Congress - Pride of India Expo - held at Bhubaneswar during 3<sup>rd</sup> to 7<sup>th</sup> January, 2012.
- 7) Workshop on ornamental fishes held at Shillong, Meghalaya during 11-12 January, 2012.
- 8) Meenakshi Matsya Mahotsav Fair 2012 (Fish Festival) organised by the Department of Fisheries, Government of Madhya Pradesh, during 4-6 February, 2012 at Bhopal.
- 9) North East Regional Agricultural Fair - 2012 from 10-12 February 2012 organised by Assam Agricultural University.
- 10) India International Aqua Show 2012, 10-14 Feb. 2012 organised by Director of Fisheries, Kerala at Kochi.
- 11) Matsya Mela Belgaum organised by Rare Brains Group of Companies, Bangalore during 10-12 March 2012.

#### **6.2.2. INFOFISH meetings**

Chairman, MPEDA attended the INFOFISH Technical Advisory Board meeting held at Kuala Lumpur, Malaysia, during 5-7 July 2011. Joint Secretary, EP(MP), MoCI attended the INFOFISH Governing Council meeting held at Sri Lanka during 7-10 December 2011.

#### **6.2.3. Logo - Incredible India**

Approval from the Ministry of Tourism has been obtained for using the Logo “Incredible India” at fairs in which MPEDA participates and in advertisements in MPEDA’s promotional campaigns for a period up to 31<sup>st</sup> March 2013.

#### **6.2.4. Printing of publications**

The revised editions of the following free and priced publications were brought out during the year:-

- ❖ India - an ocean of opportunities - snapshot (2 editions - 2011 and 2012)
- ❖ Export with sustainability - brochure (2 editions)





- ❖ Exporters Directory in CD format
- ❖ OFD Scheme brochure
- ❖ Indian Fishery Handbook
- ❖ Chart on Commercial fishes of India
- ❖ Indian Seafood Product Catalogue
- ❖ Commercial fin fishes and Shell fishes of India
- ❖ Compendium on Aqua Aquaria India
- ❖ Hindi version of MPEDA brochure on Ornamental Fish Development Schemes
- ❖ Green certification of freshwater ornamental fish (pamphlet)
- ❖ New Year Cards 2012
- ❖ MPEDA Planner 2012

Besides other promotional aids brought out include: -

- ❖ Carry bags, Non woven fablon bags
- ❖ Carry bags with picture of Indian Vannamei for Japan Expo
- ❖ Fablon 140 GSM carry bags of 2 designs (IBSS 2012)
- ❖ Designs for advertisement in various national and international journals
- ❖ Backdrops for various Domestic / International fairs

#### 6.2.5. Visit of students

Students from 11 Educational / Fisheries Institutions visited MPEDA during 2011-12. They were briefed on the activities of MPEDA.

Besides two batches of IAS officer trainees from Lal Bahadur Shastri National Academy of Administration who visited MPEDA were also briefed on MPEDA activities.

#### 6.2.6. Delegation visit

Arrangements were made for the visit of a delegation from Indonesia on 23.11.2011 to MPEDA, and a presentation on MPEDA activities was made to them.

Similarly, adequate support in organising FVO Mission visit to MPEDA was provided by the section.

Deputy Director (P&MP) has attended the oral evidence of the Parliament Committee on Commerce & Industry along with Planning Commission members on 29<sup>th</sup> September 2011 at Parliament Annex, New Delhi.

#### 6.2.7. Release of advertisement

During the year under review, 60 External advertisements and 122 Internal advertisements were released in leading fisheries magazines, journals, etc.

#### 6.2.8. Sale of publications & Newsletter

An amount of ₹ 2,33,625/- was collected by sale of publications during the year under review.

Brought out 12 issues of MPEDA News letter.



#### 6.2.9. India International Seafood Show 28<sup>th</sup> February to 2<sup>nd</sup> March, 2012

Organised the 18<sup>th</sup> India International Seafood Show 2012 (IIS-2012) in association with the Seafood Exporters Association of India (SEAI), at Chennai Trade Centre, Chennai, from 29<sup>th</sup> February to 2<sup>nd</sup> March 2012.

His Excellency, The Governor of Tamil Nadu, Dr. K. Rosaiah, inaugurated the event on 28<sup>th</sup> February, 2012 in a grand function at CTC, Chennai. Shri Gagandeep Singh Bedi, IAS, Secretary, Department of Animal Husbandry, Dairying and Fisheries, Government of Tamil Nadu delivered the keynote address and Chairman, MPEDA, welcomed the gathering on the occasion.



*His Excellency, The Governor of Tamil Nadu, Dr. K. Rosaiah, inaugurating the 18<sup>th</sup> India International Seafood Show on 28<sup>th</sup> February, 2012 in Chennai*



*His Excellency, The Governor of Tamil Nadu, Dr. K. Rosaiah, delivering the inaugural address of 18<sup>th</sup> India International Seafood Show on 28<sup>th</sup> February 2012 in Chennai*

Technical sessions to the benefit of seafood processing entrepreneurs were arranged by Indian and overseas experts on different aspects. There were 210 exhibitors (stalls) and over 2100 delegates and visitors for the Show. The exhibitors included seafood exporters, processors, buyers and allied industries related to seafood sector from India and Japan, USA, EU, Vietnam, Taiwan, Malaysia, Argentina, Singapore, China, and Thailand. Apart from India, delegates attended included those from Japan, EU, China, USA, Japan, UAE, Turkey, Lebanon, and Thailand. The Show had a separate Japanese pavilion and a sizeable number of Japanese exhibitors and delegates attended the Show.







*August gathering at the inaugural function of 18<sup>th</sup> India International Seafood Show on 28<sup>th</sup> February 2012*

In the inaugural ceremony, awards were given to the top exporters in different categories. Veterans in the industry were also suitably honoured by the Chief Guest.



*A view of exhibition stalls of 18<sup>th</sup> India International Seafood Show on 28<sup>th</sup> February 2012*

## 7.0. CAPTURE FISHERIES

Fishing in India is major industry in the coastal belts employing several millions of people. Capture fisheries in the marine sector play an important role in the export of marine products from the country. Exploitation from coastal waters has reached a saturation level forcing us to move to distant and deeper waters for the fishing of under/unexploited resources in order to boost the export production.

With an aim to increase the export production from capture fisheries Appraisal & Investment Section has been implementing the following schemes:-

### 7.1. Financial assistance for the conversion of existing fishing vessels to Tuna long liners

Under this scheme, mechanized/deep sea fishing vessel owners are encouraged to convert/modify their existing fishing vessels to Tuna long liners for the exploitation of deep sea Tuna for export production and value addition. The quantum of assistance for vessel conversion/modification (including the cost of





monofilament long line) will be 50% of the cost subject to the maximum of ₹ 15 lakh for deep sea fishing vessel of Over All Length (OAL) more than 20 metres and ₹ 7.5 lakh for mechanized fishing vessels (OAL up to 20 metres).

During the year 2011-12, 208 fishing vessels were converted to Tuna long liners and an amount of ₹ 824.46 lakh was disbursed as subsidy to the vessel owners.

### 7.2. Interest subsidy for the construction of new Tuna long liners

Under this scheme, entrepreneurs are encouraged to construct new Tuna long liners availing finance from authorized financial institutions. Each beneficiary will be provided 5% of the interest subsidy subject to a maximum of ₹ 10 lakh to the mechanized fishing vessel (below 20 metres OAL) and ₹ 15 lakh for deep sea fishing vessels. Each beneficiary can avail a maximum of ₹ 40 lakh for construction of 4 fishing vessels and ₹ 60 lakh for 4 deep sea fishing vessel.

During the year 2011-12, an amount of ₹ 10.6 lakh was disbursed as subsidy to one beneficiary towards interest subsidy for the construction of two Tuna long liners.



*A view of Tuna Longliners*

### 7.3. Financial assistance for the installation of insulated/refrigerated fish hold/ refrigerated Sea water System (RSW) and Ice making machine onboard mechanized fishing vessels

Under the scheme, fishing vessel owners are assisted for the insulation of fish hold onboard fishing vessel for better preservation of catch enabling them to undertake multiday fishing voyages and subsequent increase in earnings for the catch. The assistance will be 30% of total expenditure involved in the installation work of fish hold subject to the maximum of ₹ 5 lakh per beneficiary.

During the year 2011-12, an amount of ₹ 121.30 lakh was disbursed as subsidy to 233 fishing vessel owners for the installation of insulated fish holds onboard fishing vessels.

### 7.4. Conservation of marine resources- Catch Certification Scheme

As per the EU Regulation, No.1005/2008 MPEDA has been implementing the Catch Certification Regime since January 2010 for the export of sea foods to EU countries. Catch Certification is an integral part of EU Regulation which is designed to prevent, deter and eliminate Illegal, Unreported and Unregulated (IUU) fishing. This regulation, apart from improving the traceability of the product exported to the EU, will also facilitates control of their compliance with conservation and management measures.





During the year 2011-12, we have validated 9029 catch certificates through various filed offices of MPEDA. An amount of ₹ 109.28 lakh has been spent for this purpose.

## 7.5. Assistance to Gujarat Fishermen

During the year 2011-12, MPEDA processed 55 applications and assisted for the release of ₹ 330 lakh to 55 fishing vessel owners from Gujarat for the replacement of their fishing crafts under the MoA Package. Under the PMNR Fund, we have assisted 40 vessel owners by releasing an amount of ₹ 200 lakh (assistance for the 15 fishing vessel owners are expected to be released during the current year).

## 8.0. CULTURE FISHERIES

### 8.1. Export production through aquaculture

Aquaculture production for export in the country continued to increase significantly during the year 2011-12 also and reached an all time figure of over 2,16,500 MT. The export oriented aquaculture production which registered 58% increase over the previous year also resulted in increased contribution to shrimp exports from the country. Awareness created on the importance of maintaining quality and food safety in farmed shrimp by adopting good management practices in supply chain has helped to sustain the aquaculture sector in the country, despite a number of crises facing the shrimp culture sector.

#### 8.1.1. Status of aquaculture production

The reports on the production received from various Regional and Sub Regional Centers indicated significant increase in Aquaculture production. While Tiger shrimp production showed an increase of 14.5%, increase in *L. vannamei* production showed an exponential pattern with increase of 342% when compared to the previous year figures. In comparison increase in production of scampi was slightly negative.

#### 8.1.2. Shrimp aquaculture production

During the year 2011-12 the area utilized for shrimp aquaculture production was 1,23,179 Ha which produced 2,16,494 MT of shrimp. The progress in shrimp culture in the country over the years is depicted in Figure-1 below:-

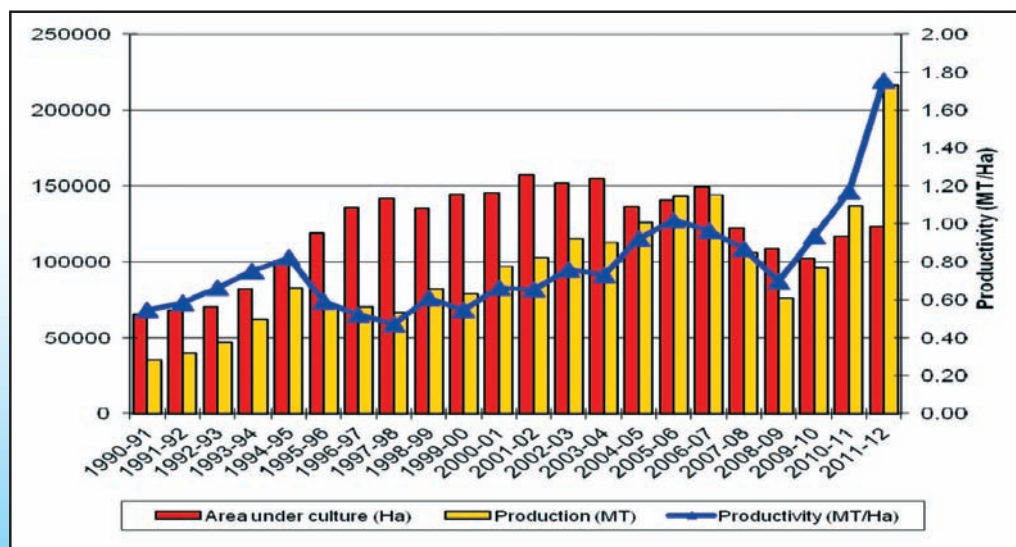


Figure-1: Area under culture, production and productivity of shrimp farming

The species-wise details of area under culture and production are given below:-



### 8.1.3. Tiger Shrimp

During the year 2011-12, a total of 1,35,778 MT of shrimps were produced from an area of 1,15,342 ha. State-wise details of Shrimp farming are given in Table - 1.

Table - 1: State-wise details of Tiger shrimp farming 2011-12

Sl. No.	State	Area Utilized (ha)	Production (MT)	Productivity (MT/ha/Year)
1	West Bengal	48,558	45,999	0.95
2	Odisha	8,597	10,901	1.27
3	Andhra Pradesh	35,274	51,081	1.45
4	Tamil Nadu	6,332	12,409	1.96
5	Kerala	12,809	8,138	0.64
6	Karnataka	650	609	0.94
7	Goa	53	51	0.96
8	Maharashtra	1,098	1,721	1.57
9	Gujarat	1,971	4,869	2.47
	<b>Total</b>	<b>1,15,342</b>	<b>1,35,778</b>	<b>1.18</b>

Compared to the production of 1,18,575 MT the year 2010-11, an increase in production by 14.51% was recorded. The estimated value of shrimp produced during the year was ₹ 4,073 crore, registered an increase of ₹ 993 crore over the previous year (Table - 2).

Table - 2: Tiger Shrimp Production through Aquaculture

Year	Live weight (MT)	Product weight (MT)	Estimated Value (₹ Crore)
2010-2011	1,18,575	74,702.00	3,080.00
2011-12	1,35,778	81,467.00	4,073.00
Increase	17,203	6,765.00	993.00
Difference %	14.51%	9.06%	32.24%

### 8.1.4. *L. vannamei* shrimp

As per the reports received from the field offices the growth of *L. vannamei* production has been stupendous. From a production of about 18,247 MT from 2930 ha in 2010-11, the *L. vannamei* production reached 80,717 MT from 7,837 ha registering an increase of 342% and 167% respectively in production and area under culture respectively. High productivity has been the hallmark of *L. vannamei* culture. The average productivity for the vannamei farms was nearly 10 MT/ha/ year. While Andhra Pradesh led the table with a total production of 75,385 MT and a productivity of 10.58 MT/ha/year, Gujarat lead in terms of productivity, with a production of 1,195 MT and a productivity of 13.59 MT/ha/year. The State of Tamil Nadu with a production of 2,863 MT is placed at the second place in terms of production, while the states of Maharashtra, Karnataka and Odisha followed in that order. The States of West Bengal, Kerala and Goa are yet to venture into *L. vannamei* culture.







*L. vannamei 'bounty' being harvested*



*A view of harvested L. vannamei*

**Table - 3: State-wise details of *L. vannamei* shrimp farming 2011-12**

Sl. No.	State	Area Utilized (ha)	Production (MT)	Productivity (MT/ha/Year)
1	Odisha	25	100	4.08
2	Andhra Pradesh	7,128	75,385	10.58
3	Tamil Nadu	397	2,863	7.21
4	Karnataka	72	232	3.21
5	Maharashtra	127	941	7.41
6	Gujarat	88	1,195	13.59
	<b>Total</b>	<b>7,837</b>	<b>80,717</b>	<b>10.30</b>

**Table - 4: Shrimp Production through Aquaculture**

Year	Live weight (MT)	Product weight (MT)	Estimated Value (₹ Crore)
2010-2011	18,247	10,948.00	365.00
2011-2012	80,717	48,430.00	2,400.00
Increase	62,470	37,482.00	2,035.00
Difference %	342.36%	342.36%	557.53%



### 8.1.5. Scampi

Production of Scampi continued to be at a low key, particularly because of lack of competitive buyers for the produce and on account of better returns in fresh water fish culture in comparison to the Scampi culture at present. Compared to the production of 3,721 MT from about 5,572 ha of scampi culture during the year 2010-11, a marginal increase in area of 672 ha and production 548 MT is reported from scientific Scampi farms. A State-wise detail of Scampi farming is given in Table - 5.

**Table - 5: State-wise details of Scampi culture 2010-11**

Sl. No.	State	Area Utilized (ha)	Production (MT)	Productivity (MT/ha/Year)
1	West Bengal	4,385	2,906	0.66
2	Odisha	743	513	0.69
3	Andhra Pradesh	485	475	0.98
4	Tamil Nadu	437	285	0.65
5	Kerala	161	52	0.32
6	Karnataka	0	0	0
7	Maharashtra	33	38	1.15
8	Gujarat	0	0	0
	<b>Total</b>	<b>6,244</b>	<b>4,269</b>	<b>0.68</b>

In addition to the production from scientific scampi farms the field offices have reported production of 3,724 MT of Scampi from reservoirs and village ponds (Table - 6). Thus the total Scampi production of 7,993 MT, about 785 MT less in comparison to the production of 8,778 MT achieved during the previous year.

**Table - 6: State-wise production of Scampi through traditional systems of farming and reservoirs in 2011-12**

Sl. No.	State	Type of farming	Area Utilized (ha)	Production (MT)
1	West Bengal	Poly culture and village ponds	No Report	229
2	Odisha	Poly culture and village ponds	6,825	891
3	Andhra Pradesh	Poly culture and reservoirs	No Report	300
4	Kerala	Padasekharams	550	6
5	Maharashtra	Reservoirs & Village Ponds	60,556	1,198
6	Gujarat	Reservoirs	No Report	1,100
	<b>Total</b>			<b>3,724</b>

Comparison of the production and value of Scampi during the year under report with that of the previous year is given in Table - 7.

**Table - 7: Scampi Production through Aquaculture 2011-12**

(Value ₹ crore)

Year	Live Weight (MT)	Product Weight (MT)	Estimated Value
2010-2011	8,778.00	4,388.00	140.00
2011-2012	7,993.00	3,996.00	130.00
Decrease	(-) 785	(-) 392	(-) 10.00
Difference in %	(-) 8.94	(-) 8.94	(-) 7.14







## 8.1.6. Total Shrimp and Scampi culture production for export

Thus, during the year 2011-12 overall export oriented aquaculture production comprising Shrimp and Scampi was estimated at about 2,24,500 MT. The total value of the production was estimated at ₹ 6,600 Crore, which works out to an average farm gate price of ₹ 300/- per kilogram of wet weight. This shows an increase of 78,900 MT by quantity and by ₹ 3,018.00 Crore in value (54.19% and 84.18% respectively) compared to the previous year production of 1,45,600 MT valued at ₹3,585.00 Crore (Table - 8).

**Table - 8: Total Shrimp & Scampi production through Aquaculture**

(Value ₹ crore)

Year	Live Weight (MT)	Product Weight (MT)	Estimated Value
2010-2011	1,45,600	90,038.00	3,585.00
2011-2012	2,24,500	1,33,893.00	6,603.00
Increase	78,900	43,855.00	3,018.00
Difference in %	54.19%	48.70%	84.18%

Figure - 2 below gives trends in aquaculture production of the major species of Shrimp and Scampi. It can be seen that while the Tiger Shrimp production is fast approaching the peak production achieved during the 2006-07 and *L. vannamei* is increasing leaps and bounds to catch up with Tiger Shrimp, Scampi production is not showing any signs of increase. Probably, availability of all male Scampi or increase in demand in international markets only will help revive Scampi culture.

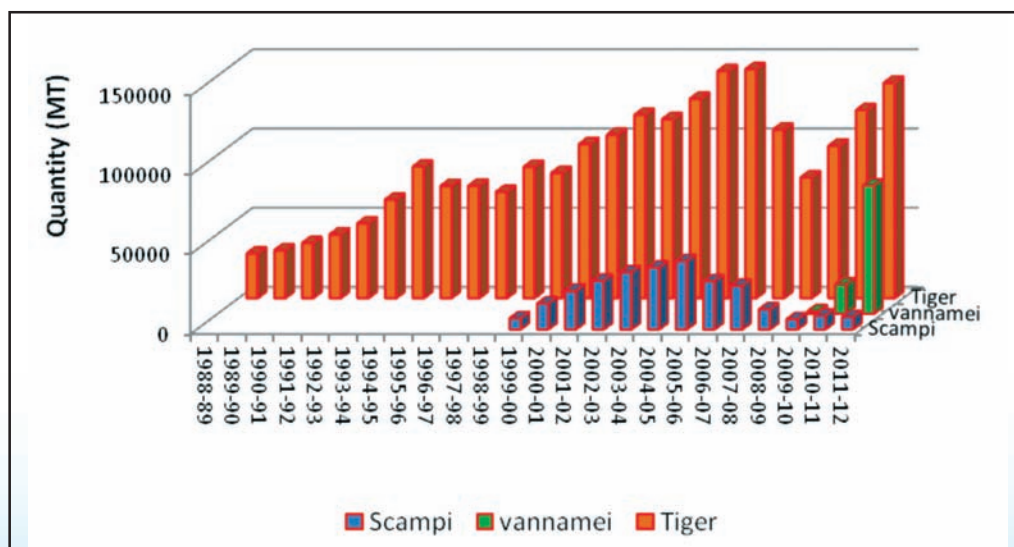


Figure-2: Trends in aquaculture production of the three major species of Shrimp/prawns

Though all Shrimp/Scampi produced in aqua farms is meant for export market only, it is understood that some quantities, particularly smaller counts, of *L. vannamei* and Black Tiger Shrimp and Scampi moved in to the domestic markets. The details of Shrimp and Scampi exports during the year 2011-12 are given in Table - 9.

During the year under report, the contribution of cultured shrimp and Scampi showed increase compared to the previous year, particularly because of the increase in export of *L. vannamei*. The export of Black Tiger, *L. vannamei* and Scampi for the financial year 2011-12 the total export of cultured Shrimp export is



1,16,434 MT valued ₹ 5,571.47 Crore (US \$1.191 Billion) registering increases of about 39% in quantity, 48% in Rupee terms and 43% in Dollar terms.

**Table - 9: Contribution of cultured Shrimp & Scampi in the export production**

Item	Quantity in MT	2011-12		2010-11			Difference		
		Value in ₹ Crore	Value in US \$ Million	Quantity in MT	Value in ₹ Crore	Value in US \$ Million	Quantity in MT	Value in ₹ Crore	Value in US \$ Million
Tiger	71,342	3,526.16	757.09	68,446	3,125.47	689.00	2,896 (4.23%)	400.69 (12.82%)	68.09 (9.88%)
Vannamei	40,787	1,819.70	385.95	12,047	480.96	106.71	28,740 (238.57%)	1,338.74 (278.35%)	279.24 (261.68%)
Scampi	2,723	154.62	33.17	2,069	113.26	24.93	654 (31.61%)	41.36 (36.52%)	8.24 (33.05%)
White	1,582	70.99	15.01	1,127	44.31	9.69	455 (40.37%)	26.68 (60.21%)	5.32 (54.90%)
<b>Total</b>	<b>1,16,434</b>	<b>5,571.47</b>	<b>1,191.22</b>	<b>83,688</b>	<b>3,763.99</b>	<b>830.34</b>	<b>32,746 (39.13%)</b>	<b>1,807.48 (48.02%)</b>	<b>360.88 (43.46%)</b>

#### 8.1.7. Production of other exportable aquaculture species

The efforts of the field centre on promoting other important exportable species yield significant results mainly focusing on Seabass and Mud Crab. During the year under report the following were reported on production of said species from various coastal states.

**Table - 10: State-wise Mud Crab and Seabass production**

Sl. No.	State	Mud Crab production in MT	Seabass production in MT
1	West Bengal	208.0	218.0
2	Odisha	40.0	18.0
3	Andhra Pradesh	505.0	143.0
4	Tamil Nadu	27.0	3.0
5	Kerala	108.0	0.4
6	Karnataka	--	1.7
7	Maharashtra	--	120.0
	<b>Total</b>	<b>888.0</b>	<b>504.1</b>

#### 8.2. Promotional activities

Aquaculture section at HO continued to plan, monitor and guide the field offices in implementation of financial assistance schemes (subsidy assistance) and promotional programmes by giving necessary approvals, sanctions and guidance from time to time. For coordinating the implementation of various promotional schemes and activities and for creation of a conducive environment for carrying out export-oriented aquaculture in various maritime States the Aquaculture Section at HO continued to maintain good liaison with various State Governments, other Central Government establishments, Financial and Insurance agencies, various National and International organizations and various stakeholders of aquaculture sector.





### 8.2.1. Co-ordination of the activities of NaCSA

Establishment of the National Centre for Sustainable Aquaculture (NaCSA) during the 11<sup>th</sup> plan period has been able to sustain the objectives for becoming a technical arm of the MPEDA in extending the necessary technical support for the aqua farmers in various maritime states. The acceptance of the BMPs by the aqua farmers is being reflected in improving the production and productivity among the aqua society farmers. To enable the aqua farmers to improve on the production, efforts are taken to convince the societies to seek power connection from the concerned agencies so that stocking densities could be significantly improved to achieve the desired objective.

During the current year, NaCSA was able to assist and facilitate in formation of 35 new Aqua Farmers Welfare Societies covering 733 Aqua Farmers and 627 ha of area in Andhra Pradesh, Tamil Nadu, Karnataka, Odisha and West Bengal. Efforts are being taken in formation of Aqua Societies in Kerala, Gujarat and Maharashtra. The total number of Societies set up through NaCSA has reached 807 involving 17,737 farmers having about 16,303 ha area. During the year under report of the total number of Societies registered by various state Governments reached 694. Out of these Societies 373 Societies received provisional registration with MPEDA, Till 31.3.2012, 115 were accorded Permanent Registration under the scheme for Registration of Aqua farmers Societies covering 2,629 farmers having 2,550 ha area.



*Chairman, MPEDA Inaugurating the Shrimp Pathology Workshop*

As part of the capacity building measures for improving the quality of the harvested produce from the aqua farms, NaCSA has taken steps to establish 3 nos. of tube ice plants in the states of Andhra Pradesh and West Bengal on a pilot basis so as to serve the Aqua Farmers in near by areas. The plants after establishment will be maintained and operated by the respective Aqua Societies.

The field centres of MPEDA are working in tandem with the NaCSA teams in various maritime states for promoting eco-friendly and sustainable aquaculture through adoption of Code of Practices.

### 8.2.2. Assistance to Societies

MPEDA has been registering Aqua Farmers Welfare Societies organized by NaCSA and registered with the respective Registrars of Societies of the respective maritime State and meeting the required eligibility criteria for encouraging adoption of Code of Practices (CoP) for sustainable aquaculture. During the year under report, 50 Societies were issued provisional registration and 38 Societies qualified the CoP Audit were accorded permanent registration.



### 8.2.3. GIS Mapping of shrimp farming areas

During the year under report, the Regional Remote Sensing Centre, Nagpur, completed the GIS mapping of the shrimp farms in the state of Maharashtra and submitted the maps and the database to MPEDA. Verification of the database was in progress.

Quality check of the GIS database of Shrimp and Scampi farms received from other similar agencies for 6 other states were also carried out and necessary corrections and clarifications are in progress. Efforts were being taken to initiate the GIS project in the State of West Bengal for creating the database of Shrimp and Scampi farms.

Side by side with the quality checks plans were also being drafted for utilization of the databases for the intended use of developing traceability of Aquaculture produce for international markets. In order to utilize the database for various purposes, customization of the data, application development suiting to the requirements and implementation of an enterprise GIS set up is envisaged.



*A view of Shrimp pathology workshop*



*Harvesting and ice killing of L.vannamei*

### 8.2.4. Assistance for Padasekharams of Kerala for Scampi Development

To utilize the vast low lying areas in the State of Kerala for aqua culture production that could augment the seafood exports from the State, MPEDA initiated a scheme to extend financial assistance to motivate the aqua farmers for investing in development of these areas.







As developments of such areas large low-lying areas require huge investments, the progress of the scheme was found to be very slow during the last few years. To overcome these problems, a high level meeting was held by Chairman, MPEDA with the Hon'ble Chief Minister of Kerala and Senior officials of the Fisheries, Agriculture from Secretariat and Department of Fisheries to discuss on issues related to development of such areas for aquaculture development. Sequel to the discussions, a plan of action was finalized to survey, identify and prepare project proposals for development of 10,000 ha suitable for Scampi and Finfish farming in the current year.

As per the plan of action, officials from MPEDA field centres in Tamil Nadu, Karnataka and Andhra Pradesh were deployed to various districts in Kerala to assist the local staff in survey and preparation of the proposals for submission to MPEDA/State Government for further action. Survey and identification of the proposed area was completed and the proposal was submitted for further necessary action. Further a series of High-level meetings were convened for finalizing on implementation of the scheme with the State officials.

### **8.2.5. Demonstration programmes on diversification of aquaculture**

To give thrust on the diversification programmes on finfish and shellfish, demonstration programmes of Seabass were organized by field centres in Gujarat, Maharashtra, Karnataka, Kerala, Andhra Pradesh and Odisha and Crab by field centres in Odisha and Kerala.

For the first time demonstration programmes of cage farming of Seabass were attempted in open water bodies and reservoir by field centres in Kerala and Maharashtra. Though the demonstration from open water body in Kerala was found to be encouraging, experiment indicate that the technology need to be further standardized since quality of water flowing through the cages changes at regular intervals. The demonstration programmes initiated in pond based cage farming in other places gave varied results. Report from Karnataka indicated about the successful demonstration for the second consecutive year. Harvest for the demonstration yielded around 1,700 Kgs that resulted in revenue earning of ₹5,95,000/- to the beneficiary and a survival of around 74%.

Demonstration programmes on Crab farming initiated by the field centres in Odisha indicated varied results. Demonstration in Kerala has commenced in late March and was in progress.

### **8.2.6. Registration of Hatcheries**

Registration of Shrimp Hatcheries situated in maritime states is in progress. During the current year, 9 hatcheries were registered by MPEDA as per the CAA Act. Hatcheries that have established in-house diagnostic laboratories and effluent treatment units were being considered for permanent registration.

As part of the quality control measures, field centers have been collecting the seed samples produced by the hatcheries on quarterly basis for quality checks for the presence disease causing pathogens and residue of banned antibiotics and pharmacologically active substances. Follow up actions are being taken whenever pathogens or residues of antibiotics are detected during surveillance.

### **8.2.7. Capacity Building of Officials.**

As part of the capacity building measures among the technical staff of the organization, various training programmes/workshops were organized during the year 2011-12.

- ❖ During April 2011, MPEDA has organized 4 workshops on "Aquaculture Food Safety Prevention" in collaboration with USFDA-JIFSAN, USA at Surat, Chennai, Vijayawada and Bhubaneswar that was attended by 202 participants that included officials from MPEDA, RGCA, Department of Fisheries of maritime





states, ICAR institutes like CIBA, CIFE, Export Inspection Agency, College of Fisheries, Andhra Pradesh, Kerala, Maharashtra and Tamil Nadu, leading aqua farmers, hatchery operators, feed mill operators and private technicians.

- ❖ In order to equip the Field officials in handling the work related to GIS applications and remote sensing, a tailor made programme was organized by MPEDA in association with National Remote Sensing Centre, Hyderabad during April/May 2011 to which 15 officials were nominated.
- ❖ With the introduction of the Exotic Shrimp into India by stakeholders with the approvals of Government of India, it has become vital for the technical staff of MPEDA to have a basic training on the culture protocols of the variety. With this objective two programmes in collaboration with Vannamei 101, an international agency involved in *L. vannamei* breeding and farming activities were organized during October 2011 at Nellore in Andhra Pradesh and Surat in Gujarat that was attended by all the technical staff of MPEDA and nominated officials from RGCA and NaCSA.

#### 8.2.8. PCR lab Inter-calibration exercise in collaboration with the Arizona University

Inter-calibration of PCR labs has become essential tool to ensure on the quality checks being made by Government and private diagnostic labs regarding seed produced by the hatcheries. MPEDA has been in conducting such exercises once in two years in association with the ICAR institutes. As part of this exercise, during the current year, MPEDA has collaborated with University of Arizona-APL, USA for conducting the inter-calibration exercise. 14 laboratories are participating in the inter-calibration exercise and accordingly steps are taken for conducting the exercise.

#### 8.2.9. Visits abroad

Deputy Director (Aqua) participated in the Aquaculture Europe 2011 Conference at Rhodes, Greece from 18<sup>th</sup> to 21<sup>st</sup> October 2011.

#### 8.3. Implementation of the financial assistance schemes

To achieve the desired objectives of the organization for increasing the seafood exports to the tune of 3.5 Billion US \$ by the end of 2011-12, MPEDA has been continuing its efforts to bring more suitable area under aquaculture development by suitably extending necessary financial support to the stakeholders for new farm development, establishment of hatcheries, disease diagnostic laboratories, effluent treatment units, support to the registered aqua society farmers etc. During the current year, a pilot scheme was initiated for establishment of nursery rearing centres as part of the hatchery scheme. Efforts for convincing the insurance sector has become a reality with National Insurance Company agreeing to the terms of the organization for covering all the diseases for the Aqua Society farmers during the current year. To motivate the Aqua Society farmers to insure their farms against losses due to disease outbreaks and against natural disasters, a pilot scheme was initiated by the MPEDA with the financial support from National Fisheries Development Board.

##### 8.3.1. Implementation of New Farm development assistance

During the year 2011-12, as against the targets of ₹ 318.00 lakh for developing 636 ha of Shrimp and Scampi area, an area of 624.71 ha was developed during the year for which financial assistance to the tune of ₹ 292.13 lakh was released to the concerned beneficiaries belonging to all the maritime States.

##### 8.3.2. Assistance for establishment of disease diagnostic labs

With the introduction of *L. vannamei* in India, a number of hatcheries in many States are keen to take up the seed production of the variety. As establishment of PCR labs has been a mandatory requirement by





CAA, hatcheries keen to commence the seed production activity are in the process of establishment of PCR labs. During the year as against the target of 19 labs with a financial requirement of ₹ 80 lakh, financial assistance to the tune of ₹ 96.41 lakh was released to 26 labs.

### 8.3.3. Assistance for establishment of Effluent Treatment Units

During the year 2011-12, as against the targets of 18 units with the financial requirement of ₹ 24.50 lakh, though field centres could forward proposals, only 6 units could be assisted during the year for which ₹ 8.00 lakh was sanctioned.

### 8.3.4. Assistance for establishing Commercial Hatcheries and Nurseries

During the year, as part of establishment of *L.vannamei* brood stock multiplication centre at TASPARG, RGCA was extended financial assistance to the tune of ₹ 50.00 lakh for re-modification of maintenance of the available machineries. During the year it was proposed to extend financial assistance to the tune of ₹ 25.92 lakh for establishment of 11 nurseries for rearing Scampi, Finfish varieties of which assistance could be extended to 5 nurseries to the tune of ₹ 6.76 lakh.

### 8.3.5. Assistance to Societies

Financial assistance as subsidies is being extended to the registered Societies for various activities like purchase of aerators, establishment of electricity, laboratory for making them self sufficient in producing top quality raw material. A total of 83 Societies received financial assistance to the tune of ₹ 72.55 lakh of which 62 Societies received start up grant assistance @ ₹ 50,000/- while the rest 21 Societies received the second grant for acquiring common facilities like aerators, established electricity facilities in the farming areas.

## 8.4. INDIA ORGANIC AQUACULTURE PROJECT (IOAP)

The Authority continued to promote Organic Aquaculture in the maritime States, during the year under report. The “India Organic Aquaculture Project” initiated in 2007-08 with the collaboration of SIPPO, Switzerland was concluded in 2009-10. Thereafter, MPEDA scaled up the programme to establish our status as one of the few nations, producing, processing and marketing organic seafood to the global market. A modified scheme was formulated to continue the scheme with revised pattern of assistance. The scheme was approved by the Government, and necessary guidelines were prepared to implement the programme. The revised scheme was popularized through the media for creating wider awareness. The modified programme was implemented initially in the States of West Bengal, Andhra Pradesh and Kerala. Certified Organic Black Tiger shrimps produced from the selected farms in West Bengal and Andhra Pradesh was successfully exported to EU, during 2011-12. Organic Aquaculture is progressing well in various States.

### 8.4.1. Modified Organic Aquaculture Programme

With reference to the SFC proposal submitted to the Ministry for modifying the scheme of MPEDA for assisting Organic Aquaculture, approval was obtained vide letter No.2/3/2007-EP (MP) dated 21.06.2011. Accordingly, the financial assistance from MPEDA has been revised to 50% of the expense on organic seed, organic feed as well as the inspection and certification heads. The guidelines for implementing modified scheme were prepared and the approved guidelines circulated to all the field offices for implementation.





*A view of organic shrimp farm*

#### **8.4.2. New areas identified for Organic Aquaculture**

MPEDA continued to identify potential areas in the coastal states for development of Organic Aquaculture. As a result, 2,306.42 ha of brackish water area and 208.32 ha of fresh water area were surveyed in different States during the year for assessing the suitability for taking up Organic Farming Projects.

#### **8.4.3. Area brought under culture**

In Kerala, 30.78 ha brackish water area and 4.4 ha fresh water area were stocked with Organic Shrimp and Organic Scampi seed respectively, during the year. Besides, 92.09 ha in Andhra Pradesh and 133 ha in West Bengal were stocked with the Organic Shrimp seeds during the year. Hence, the total area brought under Organic Aquaculture during the year is 260.27 ha.

#### **8.4.4. Monitoring of Organic Farms**

The organic aqua farms were monitored periodically by the IOAP/ MPEDA to provide necessary technical guidance to the farmers to adopt organic practices right from seed stocking to harvest. Further, the Internal Control System (ICS) is also implemented to ensure that farmer groups comply to the farm management as per organic certification standards.

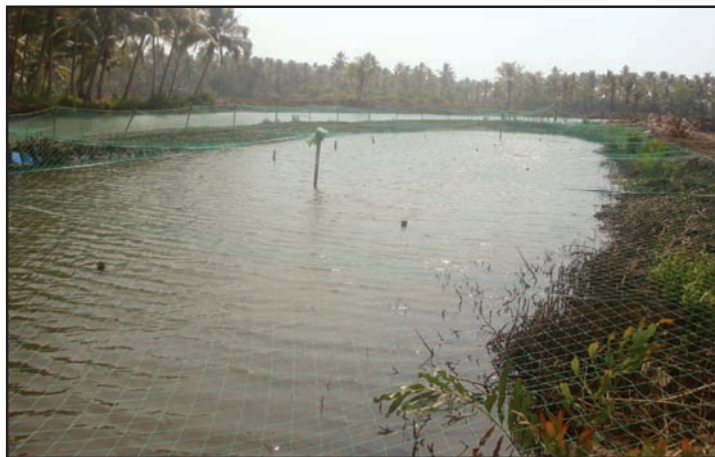
#### **8.4.5. Harvest of Organic Farms**

In Kerala, 1.5 Tonnes of Organic Scampi were harvested from the Organic Scampi farming group in the Kuttanad region and the product was supplied to the certified organic processor. A price committee meeting was convened at MPEDA, HO on 9.11.2011 and the committee fixed the price of Organic Scampi grades at 20% premium over the conventional prices. Besides, 23.76 Tonnes of Organic Shrimp from Andhra Pradesh and 16.83 Tonnes of Organic Shrimp from West Bengal were harvested under the Organic Shrimp farming project of M/s. WAB Trading International. The Organic Black Tiger Shrimps were processed in the certified processing plants in Andhra Pradesh and West Bengal respectively.

#### **8.4.6. Export of Organic Seafood from India**

An estimated 34 MT of Organic Black Tiger (BT) Shrimps were exported to the EU market, sourced from the Organic Shrimp farms of Andhra Pradesh and West Bengal, during the year.





*Bio security of Organic Farm*

#### 8.4.7. Empanelment of input suppliers

The committee meeting was convened at MPEDA, HO on 22.02.2012 to recommend the empanelment of input suppliers for Organic Aquaculture. The committee approved the following units for a period of 3 years:-

- 1) M/s. Matsyafed Hatchery, Kollam, Kerala - for supply of organic seed
- 2) M/s. Rama Shrimp Hatchery, Kakinada, Andhra Pradesh - for supply of organic seed
- 3) M/s. Indo Aqua Technologies, Vishakhapatnam, Andhra Pradesh - for supply of organic feed.

#### 8.4.8. IOAP subsidy assistance

As per the modified scheme, the subsidy assistance for development of organic aquaculture is 50% of the cost of organic inputs, i.e., seed and feed as well as 50% of the cost of Certification/ Inspection. The subsidy ceiling per ha is revised as ₹ 50,000/-.

A beneficiary can avail subsidy for a maximum area of 6.00 ha, subject to the financial ceiling of ₹ 3.0 lakh per beneficiary, for undertaking organic aquaculture. In case of groups/cluster/Society/Padasekharams, the upper limit is ₹ 15 lakh for 30 ha or more.



*A view of harvested organic shrimp*





During the year under report, an amount of ₹ 11,04,378/- was released in the State of Andhra Pradesh towards input subsidy assistance for development of 93.05 ha area under Organic Aquaculture by 69 farmers. In Kerala, an amount of ₹ 3,05,425/- was released towards subsidy assistance for development of 30.78 ha under Organic Aquaculture by 14 farmers. Therefore, a total amount of ₹ 14.09 lakh was released as subsidy assistance for Organic Aquaculture development in the States of Andhra Pradesh and Kerala.

#### 8.4.9. Training/Workshops/Seminars

- ❖ The IOAP section participated in the India International Food and Agri Expo 2011 and India Organic Fair held at Kochi from 26-28, November 2011 and the MPEDA stall depicted the promotional efforts for development of Organic Aquaculture. A seminar on Organic Aquaculture was sponsored by MPEDA during the Exposition and Technical presentations were made.
- ❖ Sub Regional Centre (Aqua), Kolkata organized a one day farmer's meet on 'Organic Shrimp Farming' at Matia Matsya Arat, North 24 Parganas on 15<sup>th</sup> December 2011.
- ❖ IOAP Section in association with M/s. INDOCERT Aluva conducted two days training programme on 'Organic Aquaculture Certification' at Ponda, Goa on 27-28, December 2011 to propagate Organic Aquaculture in the State.
- ❖ Regional Centre, Panvel organised a one day training programme for the farmers on Organic Aquaculture Certification, at Palghar on 16.03.2012 in association with M/s. INDOCERT, Aluva. About 24 participants attended the training.
- ❖ Assistant Director (Aqua), IOAP made a presentation on Organic Aquaculture during the NFDB sponsored training programme organized by the Kerala University of Fisheries & Ocean Studies at Kochi on 2<sup>nd</sup> February, 2012.
- ❖ Assistant Director (Aqua), IOAP attended the Karshika Seminar organized by the Malayala Manorama group at Alappuzha on 24<sup>th</sup> February 2012 and delivered a lecture on the prospects of Organic Aquaculture in Kuttanad region.



*Training programme on Organic Aquaculture at Palgar, Maharashtra*

#### 8.4.10. International conference

Joint Director (Aqua & Trg.) attended the conference 'Aquaculture Europe 2011' held at Athens in Greece from 18 - 21, October 2011 and presented a paper on Development of Organic Aquaculture initiatives under the India Organic Aquaculture Project (IOAP).







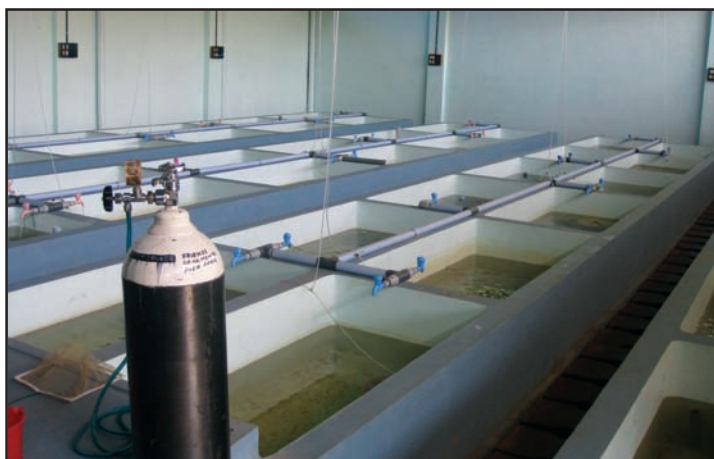
### 8.4.11. Brochure on Organic Aquaculture

A revised brochure on Organic Aqua Farming was printed and brought out by MPEDA during the year to circulate the same among the prospective entrepreneurs and organic farmers.

### 8.5. PROMOTION OF ORNAMENTAL FISH BREEDING FOR EXPORT

#### 8.5.1. Financial Assistance for establishment of Ornamental Fish Breeding Units (OFBUs)

- a) Under the budget head 300.05, a total assistance of ₹ 247.28 lakh has been released for the setting up of 64 OFBUs in the scheme implementing States during financial year 2011-12.
- b) National Fisheries Development Board (NFDB) has provided a funding support of ₹ 201.75 lakh to MPEDA for assisting the setting up of 63 Ornamental Fish breeding units in the scheme implementing States. 39 units have been set up during financial year 2011-12 and financial assistance of ₹ 140.45 lakh was released.



*A Grade - III Ornamental Fish Breeding Unit assisted by MPEDA*

#### 8.5.2. Activities in the newly selected scheme implementing states

Due to overwhelming response; MPEDA has expanded its Ornamental Fish development schemes to the States of Rajasthan, Himachal Pradesh, Madhya Pradesh & North Eastern Region and recruited a Programme Manager each for the State to Coordinate the activities.

The Programme Managers conducted preliminary surveys for the Preparation of Baseline Information on Ornamental Fish sector in the respective States and identified potential districts for the implementation of the scheme.

#### 8.5.3. Training programmes for Ornamental Fish Development

MPEDA has organized 8 basic training programmes and 3 advanced training programmes to the stakeholders for capacity building.

#### 8.5.4. People's campaign and General Awareness Programmes on Ornamental Fish development

MPEDA has organized 69 awareness & orientation programmes to general public and stakeholders about the Ornamental Fish sector and schemes.



## 8.5.5. Training programme on Health Certification of Ornamental Fishes

MPEDA in association with National Center for Aquatic Animal Health (NCAAH), CUSAT, organized a training programme on 'Health Certification of Ornamental fishes' for the newly recruited Programme Managers of OFD from 20.07.2011 to 22.07.2011.



*Training programme on Ornamental Fish culture for the beneficiaries of MPEDA scheme in Rajasthan*

## 8.5.6. Ornamental Fish Farm familiarization programme

MPEDA organized an Ornamental Fish Farm Familiarization Programme at Live Tropics, Madurai for the newly recruited Programme Managers (OFD) & Asst. Directors of MPEDA from 25.07.2011 to 30.07.2011.

## 8.5.7. Ornamental Fish Training Centres (OFTC)

MPEDA is setting up training centers initially in five States for capacity building of stakeholders. MPEDA has signed MoU with Training Centers in 4 States viz. Kerala, Tamil Nadu, Maharashtra & West Bengal and recruited Technical Officers & Technical Assistants for the OFTC of Kerala and Technical Officer for the OFTC of Tamil Nadu. Training centers are planned in the other scheme implementing States also.



*Awareness programme in Himachal Pradesh*





### 8.5.8. Green Certification of Ornamental Fishes

Guidelines for Green Certification of freshwater Ornamental Fishes have been uploaded in the MPEDA website, to give wide publicity for the initiative taken by MPEDA.

As an initial step of implementation of Green Certification, MPEDA is collecting a status report of the existing Ornamental Fish breeding units and wild collection centers and also plans to conduct awareness / orientation programmes / workshops etc. on Green Certification.

### 8.5.9. Health Certification of export consignment of Ornamental Fish

Government of India has declared MPEDA and EIC as the Central Competent Authorities for pre-shipment inspection and health certification of Ornamental Fishes for export to EU. The Local Competent Authorities empanelled by MPEDA are now issuing Health Certificate for Ornamental Fish consignments to EU & Singapore (based on specific request).

MPEDA has issued 39 Health Certificates for the Ornamental Fish consignments during 2011-12.

### 8.5.10. Participation in Training/ Seminar/ Workshops

- i) MPEDA has deputed Assistant Director (OFD) & Programme Manager (OFD-HO) to participate in the training programme on Marine Ornamental Fish Breeding & Culture organized by CMFRI, Vizhinjam Centre.
- ii) Programme Manager (OFD), Kerala attended seminar on Sustainable Agriculture and Food Security at KUFOS organized by Dooradarsan Kendra and also attended a workshop organized by Aquatic Biology & Fisheries, University of Kerala and presented a paper on 'Export potential of Indigenous Ornamental Fishes of Kerala'.
- iii) Assistant Director (OFD) & Programme Manager (OFD) participated in the Workshop on 'Live Gene Banking of freshwater fishes of Western Ghats' organized by National Bureau of Fish Genetic Resources (NBFGFR) on 21.05.2011 at Kumarakom, Alappuzha.
- iv) Assistant Director (OFD), Programme Managers at HO, Programme Manager (Kerala) and Technical Officer & Technical Assistant of OFTC (Kerala) had participated in International Conference "Sustainable Ornamental Fisheries - Way Forward" organized by School of Industrial Fisheries, CUSAT at Gokulam Park, Kaloor. Assistant Director (OFD) presented a paper on "Export of Ornamental Fishes and Developmental Interventions by MPEDA".

### 8.5.11. Participation in International Fairs

MPEDA has participated in Aquarama - 2011, Singapore from 24 to 31 May 2011, the largest ornamental fish trade fair in Asia. MPEDA has set up a stall in Aquarama 2011. Assistant Director, TPO - New Delhi and Assistant Director (OFD) had attended the programme.

### 8.5.12. Participation in National Fairs/Exhibitions

- i) Participation in Krishi Utsav 2011, Rajasthan:- MPEDA participated in the KRISHI UTSAV 2011, at KOTA Rajasthan from 22<sup>nd</sup> to 23<sup>rd</sup> September 2011. MPEDA was represented by Dr. A. Ansar Ali, AD (OFD) and Shri Amit Purohit, Programme Manager (OFD), Rajasthan.
- ii) India International Aqua Show 2012, Kochi: - MPEDA participated in the 6<sup>th</sup> India International Aqua Show 2012 organized by Department of Fisheries, Government of Kerala and State Fisheries Resource Management Society (FIRMA), Kerala from 10<sup>th</sup> to 15<sup>th</sup> February 2012 at Kochi. A seminar was also



arranged in connection with the show and Director (Marketing) made a presentation on “Export of Ornamental Fishes and Developmental Interventions by MPEDA” in the seminar.

- iii) Meenakshi Matsya Mahotsav 2012, Bhopal:- MPEDA participated in the Meenakshi Matsya Mahotsav, 2012 organized by Department of Fisheries, Government of Madhya Pradesh in collaboration with NFDB (National Fisheries Development Board, Hyderabad) from 4<sup>th</sup> to 6<sup>th</sup> February 2012 at Bhopal, Madhya Pradesh. MPEDA was represented by Deputy Director, Regional Centre, Panvel, Assistant Director, Regional Office, Mumbai and Programme Manager (OFD), Madhya Pradesh.
- iv) Programme Manager (Karnataka) participated in “Matsya Mela’ at Belgaum organized by Department of Fisheries, Government of Karnataka from 10<sup>th</sup> to 12<sup>th</sup> March 2012.
- v) Deputy Director, Sub Regional Office, Guwahati participated in launching function of Meghalaya State Aquaculture Mission and also in the exhibition on 5<sup>th</sup> March 2012.
- vi) MPEDA also participated in the North East Agri Fair 2012, Thodupuzha Karshikamela 2012, Kollam Fest 2011, and Swasraya Bharath 2011.
- vii) The activities of MPEDA in Ornamental Fish sector were effectively showcased in these shows by putting up stalls.

#### 8.5.13. Site visit for Aqua Park in Meghalaya

Deputy Director, Sub Regional Office, Guwahati and Programme Manager (OFD), NER Meghalaya conducted a preliminary land survey of the potential sites proposed by the State Department of Fisheries for setting up of Ornamental Fish Park in Meghalaya. Mr. A. Jyrwa, Superintendent of Fisheries, Shillong assisted the survey.

### 9.0. PROCESSING INFRASTRUCTURE AND VALUE ADDITION

The international market for seafood products has undergone several changes. Consumer preferences and tastes are strongly in favour of ready-to-cook and ready-to-eat convenience foods and eating in restaurants has become immensely popular. Convenience seafood items are now increasingly being purchased from the supermarkets. The food service sector has undergone drastic changes in terms of convenience ready-to-cook and ready-to-eat value added seafood items of products in demand. India’s production of ready-to-cook and ready-to-eat value added seafood products is less than 10%. Hence there is a tremendous scope in the seafood processing industry for processing and export of various ready-to-cook and ready-to-eat convenience seafoods.

With a vision to increase the percentage of value addition and accord high priority to the promotion of export of ready-to-cook and ready-to-eat value added seafood products, MPEDA continued to strive for establishment of the required state-of-art facilities in handling, preprocessing, processing, packaging, warehousing and transportation. To facilitate this, MPEDA is operating various subsidy schemes to help the existing exporters and the new entrepreneurs for creation of required infrastructure facilities for processing and export of value added marine products.

#### 9.1. Progress of implementation during 2011-12

During 2011-12 the following subsidies were extended towards modernization of Indian seafood processing industry for processing and export of value added seafood products. Scheme-wise details of the financial assistance sanctioned are furnished below:-







*Chairman MPEDA addressing the gathering at launching ceremony of INFOFISH MPEDA project held in Chennai - Dignitaries on the Dias (Left to Right) Shri B. Sreekumar, Secretary, MPEDA; Shri N Ramesh, Director (Marketing), MPEDA; Dr. Muhammad Ayub, Director, INFOFISH; Dr. (Ms) B. Meenakumari, Deputy Director General (Fisheries), ICAR, Shri V. Krishnamoorthy, His Excellency Deputy High Commissioner, Sri Lankan Embassy in India and Shri P. Mohanasundaram, Director, MPEDA*

## 9.1.1. Assistance for exporters for Value Addition

Export of value added seafood products requires state-of-art technology in handling, preprocessing, processing, packaging, warehousing and transportation. It calls for considerable investment in buildings, plant, machinery etc. To increase the processing capacity for processing of value added seafood products MPEDA is operating various subsidy schemes for the benefit of existing processors, exporters and also to the new entrepreneurs for creation of required infrastructure facilities.



*Dr. Mohammed Ayub, Director INFOFISH & Shri B. Sreekumar, Secretary MPEDA exchanging the agreement signed to "promote processing and marketing of freshwater fish products in India" in the presence of Ms. Leena Nair, Chairman, MPEDA, Shri V. Krishnamoorthy, His Excellency Deputy High Commissioner, Sri Lankan Embassy in India and Dr. (Ms) B. Meenakumari, Deputy Director General (Fisheries), ICAR*

### i) Technology Upgradation Schemes for Marine Products (TUSMP)

During 2011-12, under TUSMP scheme financial assistance has been extended to the tune of ₹ 1504.11 lakh to 23 processors for setting up new unit for value addition, expansion of the existing production capacity



of value added products and for diversifying into value addition by installing required machinery and equipments.

Since there was a slow progress in implementation of the scheme, as per the proposal of MPEDA, the ministry has accorded permission for reduction in export obligation from ₹ 20 crore, ₹ 15 crore and ₹ 8 crore annually for 7 years to ₹ 7 crore, ₹ 5.3 crore and ₹ 2.8 crore annually for 10 years for beneficiaries of Category I, II and III respectively and reduction in bank guarantee requirement from 50% of the eligible subsidy to 10% of the eligible subsidy for availing capital subsidy assistance more processor have now furnished their proposals for acquisition of machinery items under the scheme and this will definitely lead to increased export production of value added sea foods in subsequent years.

#### 9.1.2. Assistance for maintenance of Cold Chain

Control of the cold chain is very vital to preserve the safety and quality of seafood products. Quality of finished products much relies upon the effective management of 'Cold Chain'. It helps to extend and ensure the shelf life of seafood products till it reaches the consumer. Control of temperature is, therefore, very critical and essential. To control temperature at required levels, state of art facilities are required right from raw materials procurement to dispatch of finished products. MPEDA operates subsidy schemes for establishment of Large Cold Storage, setting up of modern Independent Ice Plant, renovation of existing independent Ice Plant, procurement of Insulated Fish Boxes and acquisition of Refrigerated Truck to cater the need of the seafood processing industry in maintenance of Cold Chain.

##### a) Financial support for acquisition of refrigerated truck / containers

During 2011-12, a sum of ₹ 31.50 lakh was given to 9 processors for acquisition of refrigerated truck / containers for transportation of raw material / finished products at the required temperature so as to maintain the cold chain during transportation.

##### b) Financial assistance for setting up large cold storages

Financial assistance amounting to ₹ 552.12 lakh has been extended to 27 processors for establishment of modern Large Cold Storages to store 27,606 Tons of various seafood products at -20°C for maintenance of the quality of frozen marine products till export.

##### c) Subsidized distribution of Insulated Fish Boxes

Financial assistance of ₹ 41.84 lakh was released to 1,104 beneficiaries under various categories of the scheme for proper preservation of raw materials in iced condition on board fishing vessel, in shrimp farms, Peeling Sheds, Processing Plants and Chilled Fish Handling Centers.

##### d) Subsidy for setting up new modern Ice Plant

Assistance to the tune of ₹ 41.09 lakh was given for establishment of three independent Ice Plants for supply of quality ice to fishermen, processors for better preservation of catches.

Due to the above measures quality of the seafood products exported are maintained quality requirements of the importing countries.

#### 9.1.3. Assistance for Chilled / Dried Fish Handling Centres

MPEDA also operates subsidy schemes to facilitate creation of adequate facilities necessary and essential for handling, processing, packing and storage for fresh / chilled and dried fishes to boost the export of fresh / chilled and dried fish items from to earn valuable foreign exchange to the country. These assistances helps





in creation of basic facilities for fresh / chilled and dried fish handling and to increase the share of dried fish items in the seafood export basket of India.

During 2011-12, a sum of ₹33.25 lakh was given for establishment of two fresh / chilled fish handling centre for handling of 18 Tons of fresh / chilled marine products for export. Assistance also extended to the tune of ₹ 15.18 lakh for creation of basic facilities for dried fish handling, packing and storage unit.

#### 9.1.4. Promotion of processing and export of value added products in freshwater fishes

This project is to encourage the sustainable utilization of freshwater fishery resources through appropriate product/market diversification strategies. The broad objectives are to provide support for both export and domestic marketing of freshwater fish and their products from India in a sustainable manner; to provide technical assistance to facilitate market development through innovative packaging/ presentation, reducing post-harvest losses and ensuring safety/quality of freshwater fish products marketed; to encourage small/ medium scale operators in production and marketing of freshwater fish species in export processing including domestic marketing and encourage investment in the sector. Project goals will be achieved through the introduction of methodologies for improved handling, processing and marketing of the resources from inland aquaculture, and inland capture fisheries where applicable, through environmentally friendly processing and marketing activities. The project, under the FAO Common Fund for Commodities (CFC), is the first of its kind that envisages transfer technology for aquaculture, production and marketing of value added products from farm raised fresh fishes in India. The three years project has four main components: viz., (1) Market / product studies, (2) Technology transfer, (3) Investment promotion (4) Capacity Building and Dissemination.

MPEDA has identified four beneficiaries for implementation of project which comprise Two companies are involved in production, processing and exporting of farmed freshwater fishes and remaining two companies are involved in processing and exporting of farmed freshwater fishes. MPEDA has executed Project Implementation Agreement with INFOFISH and four beneficiary companies. Outcome of this scheme will be taken over to all interested exporters / entrepreneurs for investment promotion through seminars / trainings etc to promote production, processing and export of value added products from farm raised freshwater fishes.

#### 9.2. Setting up of Special Economic Zone

MPEDA also has a vision to set up Seafood Export Park inside existing food based SEZ's to promote import of raw material for export into value added products and to make India as a Seafood Processing Hub. MPEDA has identified IFFCO Kisan Special Economic Zone at Nellore, Andhra Pradesh and Consolidated Construction Consortium Limited (CCCL), Chennai has floated Pearl City Food Port SEZ at Tuticorin for establishment of Seafood Park for Value Addition. MPEDA has requested IFFCO Kisan SEZ for the allotment of 125 acres in the proposed SEZ for establishment of Seafood Park, a hub for Value Addition. All the prospective export community from Chennai and Nellore region would be in a position to join this hub. CCCL has also approached MPEDA to assist for creation of cluster with 50 acre of land for establishment of Seafood Park for Value Addition. MPEDA will peruse the matter further.

#### 10.0. QUALITY CONTROL

MPEDA has a mandate to take such steps to improve the quality of seafood exported from the country. The Quality Control Section is oriented towards strengthening the seafood industry to produce internationally acceptable quality fishery products for export market. An outline of the work done by the Section during 2011-12 is given below:-



#### 10.1. Subsidy for setting up of mini laboratory

For the effective implementation of in-process quality control, MPEDA assists the processing plants to set up their own quality control laboratories by subsidizing 25% of the cost subject to a maximum of ₹ 1,50,000/- per unit. During 2011-12, an amount of ₹ 15.56 lakh was sanctioned/released as subsidy assistance to 14 processing plants.

#### 10.2. Subsidy for Captive Pre Processing Centre

The scheme aims to bring the pre-processing activities under the control of processors and to upgrade the facilities as per HACCP and EC Regulations. The subsidy assistance is 50% of the actual expenditure with a ceiling of ₹ 15 lakh for new construction and 45% of the actual expenditure with a ceiling of ₹ 13.5 lakh for renovation, which is also linked with the area of the pre-processing hall. The maximum limit for independent pre-processing centers is ₹ 22 lakh. An amount of ₹ 99.12 lakh was sanctioned/dispensed as subsidy to 8 beneficiaries for construction of Captive Pre Processing Center.

#### 10.3. Interest Subsidy Assistance

MPEDA with the approval of MoCI introduced the Interest Subsidy scheme to compensate a certain amount of interest payable by the plant owners to the bankers from whom they have availed loan for the upgradation of their facilities to achieve equivalency to EO/GOI norms. Providing such facilities require heavy capital investment. Even though institutional finance is available, such term loans attract high interest ranging from 14 to 18.5%. The quantum of assistance is 7% of the rate of interest charged by the Bank over and above the International Interest of 7% or the actual rate of interest over and above the International Interest (i.e.7%) whichever is less subject to a maximum of ₹ 15 lakh per unit. During the year under report an amount of ₹ 69.76 lakh was sanctioned/dispensed to 7 beneficiaries towards Interest subsidy assistance for upgradation of seafood processing plant.

#### 10.4. Rapid Alert Notifications by EU (RASFF)

30 Rapid Alert Notifications were received during the financial year and the concerned Regional Offices/ Sub Regional Offices have investigated and furnished their report.



*The EIC Inspection Team at CPC, Ambalapuzha*

#### 10.5. Common Pre processing Centre at Ambalapuzha and Sakthikulangara

To prevent unhygienic and unauthorised pre-processing activities in the region, two Common Pre-processing Centres (CPC) have been constructed at Ambalapuzha and Sakthikulangara in Kerala and Ambalapuzha CPC already put into commercial operation.







A proposal for another CPC at Balramgarhi in Odisha has been submitted to the States Cell of MoCI for availing funds under ASIDE scheme and administrative approval has been accorded. The land for the project has already been acquired.

### 10.6. HACCP Training Programme

As a technically Competent Authority in India, MPEDA has been providing technical assistance to the seafood industry in HACCP implementation by imparting training to the technical personnel from the industry. Nine HACCP (basic) training programmes (including refresher training programme for MPEDA Officials) were conducted during the year, at Mumbai, Veraval, Kollam, Vizag, Bhubaneswar, Tuticorin, Kolkata and Kochi. And refresher course for MPEDA staff was conducted at HO. Altogether more than 250 technologists / QC personnel who are attached to the seafood industry were trained.

### 10.7. HACCP Manual Scrutiny

10 HACCP manuals were scrutinised during the year. HACCP compliance certificate was issued to 5 units during the year under report.

### 10.8. EU Approved establishments

Periodic updation of the list of seafood processing establishments approved for export to EU in the MPEDA website was done. At the end of the financial year there was 241 seafood processing establishments and 34 independent cold storages approved by the EU.

### 10.9. Export of Marine Products to Russia

Federal Service for Veterinary and Phytosanitary Surveillance (FSVPS) has so far approved 84 Indian seafood processing establishments for export of marine products to Russian Federation.

### 10.10. Upgradation of Fishing Harbours

Tube Ice machines/Chill rooms were being installed at three harbours in Andhra Pradesh and two harbours in Tamil Nadu.

### 10.11. Logo Scheme

During the year under report, Two units one each at Vizag and Veraval were assessed by the IDP and recommended for approval under the Marine Products (Quality Marking) Scheme.



*Shri K. S. Nair, Assistant Director (QC) presenting "Implementation of HACCP and Quality Control Measures" during the Japan International Seafood Expo, Osaka, Japan*





*The Indian delegation during ISO/TC-234 Working Group meeting at Boulogne-sur-Mer, France*

#### 10.12. Visit of EU, FVO Mission

An inspection Team of the Food and Veterinary Office (FVO) of the European Commission visited India from 14<sup>th</sup> to 25<sup>th</sup> November, 2011. During their visit they had monitored the maintenance of hygiene and sanitation in the primary production areas such as Fishing Vessels, Fishing Harbours, Landing Centres, Aqua Farms, Seafood Processing establishments and Ice Plants etc. and they have observed the follow up action taken by us on the recommendations of previous missions.

#### 10.13. Visit of Japanese Study Team

A Japanese Study Team visited India from 24-28, October, 2011 and undertook a study on capacity Building and Quality Control System Management including implementation of HACCP system in Indian Seafood Industry, relevant EU Regulation for promoting export of marine products to the European Union, etc. The team visited processing plants in Kochi and Mumbai, fishing harbours, labs and the offices of MPEDA and EIA.

#### 10.14. 5<sup>th</sup> meeting of the ISO/TC-234

Assistant Director (QC) and Technical Officer (QC) attended the 5<sup>th</sup> meeting of the ISO/TC-234 for presenting the New Work Item Proposal (NWIP) on “Traceability of Shellfish, including Crustaceans & Molluscs” held at Boulogne-sur-Mer, France from 22<sup>nd</sup> to 24<sup>th</sup> November, 2011.

#### 10.15. Presentation on Seafood HACCP in Japan

Based on an invitation from the Fishing Boat & System Engineering Association (Japanese Ministry of Agriculture, Forestry & Fisheries), a presentation on “Implementation of Seafood HACCP & Quality Control Measures adopted in Indian Seafood Industry for Export of Seafood to the European Union” was made by Assistant Director (QC) at Osaka, Japan on 14<sup>th</sup> February, 2012 in conjunction with the “Japan International Seafood Expo” held at Osaka.

### 11.0. QUALITY CONTROL LABORATORIES

#### 11.1. National Residue Control Plan (NRCP) 2011

As pre requirement under EU Directive 96/23/EC, the MPEDA operates the National Residue Control Plan (NRCP) for aquaculture products. The NRCP is a statutory requirement to be implemented by the countries for exporting to EU countries. The conceptualizing, planning and implementation of NRCP is undertaken by the MPEDA Quality Control Laboratories at: (1) Kochi, (2) Nellore and (3) Bhimavaram.





Under the Residue Control Programme NRCP 2011, a total number of 2,662 samples were received and analysed by the three MPEDA QC Laboratories (Kochi, Bhimavaram & Nellore) against the target of 2,598 samples. The particulars of samples analyzed and results communicated are as follows:-

Sl. No.	Name of the QC Lab	Target (2011)	No. of samples	
			Received	Analysed
1	QC Laboratory Kochi (HO)	965	979	979
2	QC Laboratory Nellore	811	830	830
3	QC Laboratory Bhimavaram	822	853	853
	<b>Total</b>	<b>2,598</b>	<b>2,662</b>	<b>2,662</b>

## 11.2. ELISA Screening Laboratories (16 ELISA Labs) - Pre harvest Testing (PHT)

The MPEDA has set up 16 (sixteen) ELISA Screening Laboratories at various centers (as shown below) in the maritime States of India to conduct the pre-harvest testing/screening of the Aquaculture products (Shrimp/ Fish) for the presence of antibiotics residues like Chloramphenicol & Nitrofurans metabolites before the produce is harvested. These ELISA Laboratories are equipped with fully automated ELISA Readers and other required accessory equipments.



*A view of the sophisticated instruments in MPEDA Quality Control Laboratory at Kochi*

### Locations of the 16 ELISA Laboratories

State	No. of ELISA Labs	Locations
Kerala	1	Payyannur
Karnataka	1	Kumta
Tamil Nadu	1	Nagapattinam
Andhra Pradesh	6	Nellore, Ongole, Bapatla, Bhimavaram, Amalapuram & Kakinada.
West Bengal	3	Contai, Haroa, Kharibari
Odisha	2	Paradeep, Balasore (Paradeep recently shifted to Dhamara)
Maharashtra	1	Palghar
Gujarat	1	Valsad





## Details of Pre-harvest Testing (PHT) in 2011

Sl. No.	ELISA Labs	No. of Samples tested by ELISA	No. of ELISA positives	No. of Non-Compliant samples
1	Andhra Pradesh (6)	15904	104	37
2	West Bengal (3)	5113	24	Nil
3	Odisha (2)	1102	Nil	Nil
4	Tamil Nadu	1329	Nil	Nil
5	Kerala	39	1	1
6	Karnataka	56	Nil	Nil
7	Maharashtra	315	Nil	Nil
8	Gujarat	1950	Nil	Nil
	<b>Total</b>	<b>25808</b>	<b>129</b>	<b>38</b>



*Instruments in operation at MPEDA Quality Control Laboratory, Bhimavaram*



*Instruments in operation at MPEDA Quality Control Laboratory, Nellore*

### 11.3. Testing of Commercial Samples by QC Labs Bhimavaram & Kochi

During the year 2011-12, the Lab Bhimavaram and Lab Kochi analysed 133 and 4 samples respectively under commercial sample category.







### 11.4. Accreditation for Laboratories

The NABL accreditations for MPEDA Labs - Kochi, Bhimavaram and Nellore have been renewed and valid for the period up to 24<sup>th</sup> September 2012, 24<sup>th</sup> October 2012 and 4<sup>th</sup> February 2013 respectively.

### 11.5. EIC Approval for laboratories

The EIC approval of MPEDA Labs - Kochi and Nellore is valid up to 13.05.2013 and 10.08.2013 and renewal audit of Lab Bhimavaram has been completed.

### 11.6. Monitoring of Cadmium in Cephalopods off Gujarat

During the year 2011-12, the monitoring of Cadmium content in Cephalopods (Squid, Cuttlefish & Octopus) were studied by Lab Kochi in 100 samples caught in different regions on East & West Coasts.

### 11.7. Monitoring of Pesticide Residues at National Level (MPRNL)

The project being funded by Ministry of Agriculture (MoA) is ongoing and during the year 2011-12, 480 samples of inland fishes and crustaceans and marine crustaceans from all the maritime States of India have been analyzed and the results communicated by Lab Kochi.

### 11.8. Training of personnel of the Quality Control labs

During the year 2011-12, 16 technical personnel of Labs Kochi, Bhimavaram & Nellore were trained in 10 different training programmes (Management and Technical), including of 2 overseas programmes.

### 11.9. MPEDA Quality Control Laboratory at Bhubaneswar

The MPEDA QC Lab at Bhubaneswar is leased out on management contract basis to M/s. Interfield Laboratories for analysis of commercial samples.

### 11.10. Proposal for setting up of new QC Labs at Tamil Nadu and Odisha

#### 1) Odisha

MPEDA has taken possession of the land for establishing Quality Control Laboratory at Bhubaneswar. The agreement between Dept. of Fisheries and MPEDA is being executed. Consultant has been identified and the work was awarded to Consultant Civil Engineer for preparation of detailed project report for submission to Ministry of Food Processing Industries for availing the financial assistance for setting up of Quality Control Laboratory.

#### 2) Tamil Nadu

The Tamil Nadu Veterinary and Animal Sciences University has been requested for providing suitable land under their control for long term lease basis (i.e., for a period of 99 years) for establishment of MPEDA Quality Control Lab.

### 11.11. Proposal for setting up of own facilities for shifting of QC Labs Nellore and Bhimavaram

#### 1) Bhimavaram, Andhra Pradesh

The Commissioner of Fisheries, Government of Andhra Pradesh has accorded permission to MPEDA to construct the building for Quality Control Lab at Bhimavaram. Consultant has been identified and the work was awarded to Consultant Civil Engineer for preparation of detailed project report for submission to Ministry of Food Processing Industries for availing the financial assistance for setting up of Quality Control Laboratory.



## 2) Nellore, Andhra Pradesh

MPEDA has taken possession of the land for establishing Quality Control Laboratory at Nellore, Andhra Pradesh. Consultant has been identified and the work was awarded to Consultant Civil Engineer for preparation of detailed project report for submission to Ministry of Food Processing Industries for availing the financial assistance for setting up of Quality Control Laboratory.

### 11.12. Inter-Laboratory Comparison Programme

Sl. No.	Name of the Laboratory	ILC originated	ILC participated	Total
1	QC Lab, Kochi	5	10	15
2	QC Lab, Nellore	4	13	17
3	QC Lab, Bhimavaram	6	10	16

### 11.13. Proficiency Test programme

During 2011, Labs Kochi, Bhimavaram and Nellore have participated in the International Proficiency Tests for analysis of Chloramphenicol, Tetracycline and Dyes (Malachite Green and Leuco Malachite Green) organized by FAPAS - CSL, UK, Chemical Elements organized by LGC Promochem, UK.

### 11.14. New Method Development and Validation Study

- 1) Methodologies for analysis of Sulphonamides and Nitroimidazoles have been developed by Lab Kochi and the validation of methods is in progress.
- 2) Development of methodology and validation for Aflatoxins have been completed by Lab Kochi.

## 12.0. SOCIETIES UNDER MPEDA

### 12.1. Rajiv Gandhi Centre for Aquaculture (RGCA)

Rajiv Gandhi Centre for Aquaculture (RGCA), a Society registered under the Tamil Nadu Societies Registration Act, is the Research and Development arm of the Marine Products Export Development Authority. RGCA has been implementing several species specific R&D projects in the development of Aquaculture Technologies for Finfish and Shell Fish, export oriented ones in particular to strengthen the Aquaculture production base in the country. The technologies developed at these projects are disseminated to the industry at the Technology Transfer Training and Administrative Complex of RGCA established at Sirkali, Nagapattinam District in Tamil Nadu.

The activities and progress of implementation at these technology development projects during the year under review are detailed below:-

#### 12.1.1. Technology Transfer Training and Administrative Complex - Sirkali

The Technology Transfer Training and Administrative Complex at Sirkali, where the RGCA Head Quarters started functioning in July 2010, now boasts of a Central Aquaculture Pathology Laboratory and a Central Genetics Laboratory, both devoted solely for Aquaculture Research.

The Central Pathology Laboratory has been established to cater the disease diagnostic and pathogen surveillance needs of various ongoing and upcoming RGCA projects and to serve the aquaculture industry by providing disease diagnostic and pathogen surveillance services on need basis.

This has been created in the lines of the Aquaculture pathology Lab of Dr. Donald Lightner at Arizona and has all the necessary kits, equipment and trained manpower needed for testing the presence of all known pathogens as well as for the identification of new unseen pathogens in Aquaculture systems.





The Central Genetics laboratory of RGCA carries out studies on strain improvement and breeding plans for development of desirable traits in cultivable Shrimp, Prawn, Mud Crab and Finfish. This Lab is presently monitoring & supervising and maintaining the Genetic Database of all the breeding activities at different projects of RGCA that includes managing genetic data for Domestication of Tiger Shrimp (DTSP) & Tilapia projects, evaluating of breeding strategies and proposing breeding plans for above project, construction of family pedigree: 5<sup>th</sup> generation DTSP pedigree constructed using LINEAGE software and determined inbreeding, tagging of fish using VIE and PIT: VIE tagging of Finfish and Shellfishes done experimentally; sixty families of GIFT strain Tilapia tagged with PIT for future genetic improvement.

An Aquaculture reference Library solely devoted to Aquaculture and allied subjects has been developed by RGCA at this complex and would cater to the information needs not only of the Aquaculture professionals of the Industry, but also to students and researchers in the Field of Aquaculture. The library presently has E - resources in Aquaculture that will provide electronic information services to identify and source any reference material from all over the world.

### 12.1.2. Technology Transfer and Training (TTT)

During the year 2011-12, the Technology Transfer and Training wing of RGCA has organized 3 hands on training programmes in Best Husbandry practices in Asian Seabass Aquaculture for 48 beneficiaries and 2 training programmes in Mud Crab Aquaculture for 15 beneficiaries. Apart from these, the TTT wing has also conducted 13 familiarization and awareness programmes in Seabass and Mud Crab farming for the benefit of farmers, fishermen, technocrats, students and Government officials. Around 544 persons were benefitted through these programmes.

The Technology Transfer and Training wing also organized an International Workshop in Shrimp Pathology in collaboration with the Aquaculture Pathology Laboratory of Dr. Donald Lightner under the University of Arizona at the Technology Transfer Training and Administrative Complex of RGCA at Sirkali during November 2011. 63 beneficiaries from the Shrimp Farming Industry as well as the Government sector benefitted through the programme.

A training programme in Recirculation Systems was also organized by the TTT wing at the Technology Transfer Training and Administrative Complex of RGCA at Sirkali during January 2012 with International Faculty for the benefit of MPEDA officials. 20 officers from MPEDA and RGCA participated in the training.

### 12.1.3. Domestication of Tiger Shrimp Project- Andamans

The Primary Quarantine Unit (PQU) of Domestication of Tiger Shrimp Project has successfully produced 6 more founder families and was transferred to the secondary quarantine unit. Additional three families are maintained as buffer stock in PQU itself. In addition to the above, this facility was utilized for Collection, Screening and Selection of Wild Brood Stock for the Production of High Health Nauplii under the Project SBNPC, Odisha. The Brood stock collection for the purpose was started by the month of November 2011 and produced 10.468 million High Health Nauplii and transferred to SBNPC, Odisha.

In the Secondary Quarantine Unit, Eight Founder Families identified have been transferred for maturation and thus produced Six families of second generation Tiger Shrimps.

Additional Civil Constructions works in the NBC such as Construction of Overhead Tank, Packing Shed, Raised Platforms for grow out raceways, Rainwater Drains, Approach Road Curbs, Store Building, Generator Room, Reservoir Filter Pad, etc. are nearing completion. The facility shall be ready for operation by August 2012.



In OSSPARC, 4 families of G5 SPF animals were produced. At present the average weight of animals in each family varies between 29.8 to 43.6g. In a separate hatchery section developed in OSSPARC, 1.8 million High Health Tiger Shrimp seeds were produced and supplied to farmers identified by NaCSA and MPEDA-RC's. Additional stock of about 5 million PL's available in the hatchery will be supplied during the month of April 2012.

Broodstock Multiplication Centre of Domestication of Tiger Shrimp Project has completed Environmental Impact Assessment Study and Satellite aided CRZ mapping of the project site and submitted with all necessary enclosures to the Competent Authority for CRZ clearance. Property allotted for BMC has been fully secured by fencing and constructing security sheds. Macro level and micro level survey of the project site has been completed. Design has been finalized. Tendering process for initiating the construction work is progressing.

A mini shrimp feed unit set up to produce bio-secure high quality shrimp feed produced a total of 275 kgs. of Semi-moist & Dry pelletized feed according to the requirements of the different units of DTSP.

#### 12.1.4. Scampi Broodstock Development Project

The Scampi Broodstock Development Project of RGCA established at Kankipadu in Krishna District, Andhra Pradesh has achieved a major breakthrough in breeding of Neofemales for all Male Scampi seed production for the first time in the country. The project had earlier successfully completed the diallel crossing experiment and identified the best Indian strain of Scampi for farming in India, developed from three geographically distinct wild strains collected from different areas in the country.

The project has developed 4 confirmed Neofemales during the year and has also been able to develop a large numbers of suspected Neofemales required for all Male Scampi seed production. An Integrated Experiment to study the performance of all Male Scampi seed produced under different methods of grow out farming is now underway. The completion of this experiment would provide the Scampi farmers with best culture techniques to maximize production and profits through all Male Scampi farming.

#### 12.1.5. Aquatic Quarantine Facility - Neelankarai, Chennai

During the year 2011-12, witnessed a marked increase in lots quarantined when compared to the previous years. About 83 batches of broodstock were quarantined in this year which was almost twice than that quarantined in the previous year (42 lots). The addition of new receiving area (RA-II) to the existing infrastructure of the facility enabled AQF to receive two lots imported simultaneously by 2 different hatcheries from the same supplier. This served to quarantine more no. of broodstock consignments during 2011-12. The



*The PCR Lab at the Aquatic Quarantine Facility*





second receiving area (RA-II) was put into operation from 28<sup>th</sup> November '11 onwards. About 22 lots were received in this section since its operation till the end of financial year 2012. The overall cubicle occupancy recorded during this financial year was 136.

The total no. of broodstock imported was 37,960 (18,980 males and 18,980 females) and that quarantined & despatched was 36,224 (18,062 males & 18,162 females) at a survival rate of 95.43%.

#### 12.1.6. Mud Crab Hatchery Project - Thoduvai

The pilot scale Mud Crab Hatchery facility continued to achieve high survival rates in Crab Instar production and recorded a highest survival rate of 17.5% as against a highest of 14% achieved during the previous year and the normal world average of 3%. Several water management strategies have been experimented which have helped in the enhancement of survival rates. During the year 2011-12, production of Crab instars continued at the facility and around 1.72 lakh Crab instars were supplied from the facility to farmers in addition to 67,000 crablets supplied from the RGCA Demonstration farm at Karaikal.

The civil construction of a Full Scale Main Mud Crab Hatchery has been completed. Upon completion of minor electrical and plumbing works, the facility would be made operational during 2012-13.

#### 12.1.7. Artemia Project - Tuticorin

The Artemia project of RGCA, located at Tharuvaikulam in Tuticorin has successfully been able to standardize the production of Artemia Biomass and Cyst. Record Artemia Cyst production of 105 Kg Artemia Cyst/Ha/60 day crop was achieved during the year. The supply of frozen WSSV (White Spot Syndrome Virus) free Biomass to Ornamental Fish breeding units, Shrimp and other finfish hatcheries continued from the project.

During the period under review, the project has been able to produce around 1.52 Tons of Artemia Biomass. Around 1.46 Tons of frozen Biomass was sold to Ornamental Fish breeding units, Shrimp and other finfish hatcheries during the period. Cyst production also continued and around 103.85 Kgs. of wet Artemia Cyst were produced during the year in comparison to 32 kgs. produced the previous year.

Sites suitable for Artemia production have been identified to set up a Demonstration farm for Artemia Cyst and Biomass production. A package for transfer of technology for Artemia Cyst and Biomass production has also been worked out for dissemination to SHGs in the area.



*A view of the Seabass farming cages at the Aquaculture demonstration farm of RGCA at Karaikal*



#### 12.1.8. Seabass Hatchery Project

The construction of the 600 MT Seawater reservoirs, the office building of the Seabass and Mud Crab project and the new link across Buckingham Canal for approaching the facility had been completed.

Production of Seabass seed continued at the hatchery facility and around 4.72 lakh fingerlings have been produced and supplied to 132 farmers and research institutions/MPEDA from the facility during the period under review. The discharge from a Fish Meal Plant established adjacent to the facility had seriously affected production and the issue was taken up with the Pollution Control Board and Ministry of Environment and Forests.

#### 12.1.9. Aquaculture Demonstration Farm - Karaikal, UT of Puducherry

Demonstration programmes in Cage farming of Asian Seabass in Aquaculture ponds, nursery rearing of Crab Instars to Crablets, Farming of Crablets to harvest sizes and Soft Shell Crab production trials continued at the Demonstration Farm at Karaikal. During the period under review, around 75,000 Crablets were produced at the facility in addition to the harvest of around 2.2 tons of Asian Seabass and 233 kgs of Mud Crab.

Apart from training programmes in Cage farming of Seabass in Aquaculture ponds, around 15 awareness and orientation programmes in Seabass and Mud Crab farming were also conducted at the facility during the period.



*A view of the Soft Shell Crab production pond at Karaikal*

#### 12.1.10. Grouper Project - Andamans

During the period under review, nine larval rearing runs of the Tiger Grouper were initiated out of which 5 successful cycles have been obtained at the Hatchery facility and approximately 3500 fingerlings have been produced at a survival rate of 0.54%. Around 2500 Tiger Grouper fingerlings were produced at the facility during the year at a survival of 72%. Breeding of Orange Spotted Grouper was also obtained during the year but the larval run had to be terminated on the 17<sup>th</sup> day due to poor survival and growth.

Around 5500 Tiger Grouper fingerlings stocked in three batches were reared to harvest sizes for a period of 2 years and around 1.5 tons of Groupers were harvested and marketed locally. Export of Live Groupers was not possible as the quantity was insufficient for the buyers.





### 12.1.11. Tilapia Project - Krishna District, Andhra Pradesh

60 families of GIFT Tilapia imported from Worldfish Centre Malaysia during August 2011 have been grown to broodstock sizes at the Tilapia Project located at Manikonda Village, Krishna District, Andhra Pradesh. Each of the 1100 fish was tagged using PIT tags and the selective breeding programme for the production of 1<sup>st</sup> Generation GIFT Tilapia in India has been initiated.



*Tiger Grouper Harvested from the RGCA Sea cage farm*

568 Fingerlings of the Red Line YY Tilapia, imported in November 2010 from M/s. FishGen UK have been reared to broodstock sizes and successful breeding for the production of all Male Tilapia without the use of hormone has been obtained with the stocks at the farm.

Breeding methodologies for both the strains have been standardized at the facility and the project now is capable of production of millions of Tilapia Fry. A comparative field study with between all Male GIFT fry (produced through administration of hormone feed) and Redline GMT YY (all Male) Tilapia fry is presently underway.



*Marine Stock Enhancement Programme of RGCA being flagged off by Hon'ble Chief Minister of Kerala*







*Harvestable sized Sea Farm reared Cobia*

#### 12.1.12. Marine Finfish Hatchery Project

The Marine Finfish Project of RGCA has been able to standardize breeding of Cobia and during the period under review, the multiple breeding of Cobia was achieved in recirculation system three successive times at a stipulated two month intervals during November 2011, January and March 2012 respectively. Around 1700 no's of juveniles were sold to Fisheries College and Research Institute, Thoothukudi for their ongoing research project on Cobia.

Technology for larval rearing of Cobia in hatchery systems for the production of fingerlings has been standardized. A grow out farming trial in open sea cages at Muttom in south Tamil Nadu is progressing successfully with the stock reaching an average size of around 5 Kgs each. The project took up a natural marine stock enhancement programme during the year which was inaugurated on 22<sup>nd</sup> July 2011 by the Hon'ble Chief Minister of Kerala, Shri Oommen Chandy at Vizhinjam.

#### 12.2. Network for Fish Quality Management and Sustainable Fishing (NETFISH)

For the financial year 2011-12, NETFISH had kept on its work strategy of conducting repeated training programmes at the selected areas. Along with the regular awareness classes, a variety of special programmes were also conducted during the year. During 2011-12, altogether 3,144 extension programmes were conducted along the maritime states of India which consisted of 2,353 regular programmes on various aspects of fish quality management, conservation and sustainable fishing and 791 special programmes such as Street plays (631 nos.), Medical camps (7 nos.), Harbour / Coastal clean ups (10 nos.), school programmes (14 nos.), Door to Door programmes (15), Mass communications (73 nos.) and other special programmes (41 nos.), (see Table 1). The extension tools developed by NETFISH such as posters, leaflets, documentaries and animation films were made use of for delivering the messages effectively during the programmes. Awareness on MPEDA's subsidy schemes were also given to the beneficiaries in the NETFISH training programmes. Apart from these programmes, a series of meetings and discussions were also held and certain linkages were established with various National / State Departments, Institutes, Agencies, etc. to solve the various issues regarding fish quality management & sustainable fishing and also for the development of infrastructure facilities at harbours and landing centers. Also, NETFISH State Coordinators attended various seminars and workshops organized in their regions by other organizations. Moreover, NETFISH participated in several exhibitions conducted at different provinces, including the India International Seafood Show 2012 held at Chennai during which leaflets and posters depicting NETFISH activities & messages were displayed and all NETFISH documentaries & animation films were played continuously in the stalls.





Table - 1: Details of Extension Programmes conducted by NETFISH during 2011-12

Sl. No.	State/Region	Landing Centre - Quality	Conservation	On board	Pre-processing	Aqua farm	Dry fish	Total	Street-plays	Medical Camps	Harbour/coastal clean-ups	School programme	Door to Door programme	Mass communications	Other special programmes	Total	Financial Year Total
1	Kerala - South	72	36	14	120	0	0	242	70	0	0	0	0	7	4	81	323
2	Kerala - North	108	107	9	0	0	0	224	117	0	4	0	0	35	1	157	381
3	Karnataka/Goa	101	80	12	9	9	31	242	54	2	1	2	11	0	7	77	319
4	Maharashtra	76	71	14	20	12	36	229	30	0	2	0	0	9	5	46	275
5	Gujarat	121	76	10	32	0	19	258	80	0	1	3	4	9	0	97	355
6	Tami Nadu - South	91	92	22	2	20	0	227	56	0	1	4	0	0	0	61	288
7	Tamil Nadu - North	82	94	21	0	0	10	207	65	0	1	0	0	0	0	66	273
8	Andhra Pradesh	85	72	5	24	24	12	222	45	0	0	0	0	11	9	65	287
9	Odisha	47	67	102	15	12	10	253	30	4	0	0	0	0	8	42	295
10	West Bengal	84	31	24	20	70	20	249	84	1	0	5	0	2	7	99	348
	Total Break-up	867	726	233	242	147	138	2353	631	7	10	14	15	73	41	791	3144

### 12.2.1. CIFT Training programme on Square Mesh Netting

NETFISH State Coordinators had undergone a 5-day intensive training programme on Square Mesh Netting at CIFT Kochi from 27<sup>th</sup> September to 1<sup>st</sup> October 2011. The training programme included theoretical sessions explaining various aspects related to marine resource conservation and fisheries. The major highlight of the programme was exhaustive hands-on training on conversion of diamond mesh cod ends to square mesh cod ends. All the participants got an opportunity to carry out practical training individually thereby attaining excellence in square mesh netting. The training programme also included onboard demonstration on the positive impact of using square mesh cod ends in trawl nets.

### 12.2.2. Development of new extension tools

A new documentary film entitled “Hygienic Handling of Fish at Pre-processing Centers” and an animation film entitled “An Escape to the Depths” were produced in English language which will be further dubbed in to 9 regional languages to be used in the extension training programmes at different regions. The first draft of four new leaflets viz. ‘Good Practices in Shrimp Farming’, ‘Mesh Size Regulation for Sustainable Fishing’, ‘Personal Hygiene in Seafood Handling’ and ‘Overfishing’ were prepared in English language and further work for the printing and also for its production in regional languages is going on. NETFISH prepared 3 charts on ‘Good Practice Onboard Fishing Vessels’, ‘Good Practices in a Pre-processing Centre’ & ‘Good Practices in Fish Landing Centres’.

### 12.2.3. Meetings

The Monitoring Committee of NETFISH met 5 times during the year and scrutinized the activities of NETFISH. The Executive Committee meeting was convened on 24.05.2011 & 15.09.2011 during the financial year. The Annual General Body meeting of the NETFISH was held at Kochi on 26.09.2011.



#### 12.2.4. Regional Review Meeting

In April 2011, review meeting with NGO members and MPEDA officials were held by NETFISH State Coordinators in their respective regions to discuss the achievements and short falls of NETFISH activities in previous years as well as to prepare the action plan for the new fiscal year.

#### 12.2.5. Special Activities

##### (1) Distribution of Trolley

NETFISH had been organizing wide awareness campaigns at Beypore & Puthiyappa Harbours for the last three years to upgrade the hygienic standards at the harbour and also to ensure conservation of fish resources as well as sustainable fishing. As part of these campaigns and to encourage and ensure hygienic handling of fishes at harbours, NETFISH provided 10 trolleys for the loading unloading workers of both the harbours. These trolleys are capable of carrying 12 to 14 crates/boxes at a time and will be highly useful for the transport of fish from boats to auction hall, ice from vehicles to boats, auctioned fish to vehicles, etc. The use of trolleys will help to eliminate all the harmful impacts to a great extent and the workers and fishermen were also made aware of the advantage of using these trolleys.

##### (2) Distribution of Plastic Baskets

In order to motivate fishermen and other stakeholders to replace bamboo baskets with plastic baskets and thus to maintain fish quality, NETFISH distributed plastic baskets for the beneficiaries. In West Bengal round perforated plastic baskets were supplied to boat owners at Namkhana, Dashmile, Digha, Bijoybati, Raidighi and Kakdwip fishing harbours. Plastic baskets were distributed to the loading-unloading workers of the Kayamkulam, Thottapally and Thopumpady fisheries harbours in Kerala. Also plastic basket distribution was done in Mallipattinam, Tamil Nadu. The beneficiaries were given awareness on adverse impact of bamboo basket and significances of plastic basket for handling of catch at onboard vessels as well as at landing centers and also requested them to make proper use of plastic baskets to maintain quality of the fish and to fetch better price.



*Plastic basket distribution at West Bengal*

##### (3) Free Medical Camps

To facilitate awareness as well as to build community relationships, NETFISH organized free medical camps in Odisha, Karnataka and West Bengal. Four free medical camps were conducted in Odisha during



December 2011 benefitting the fishers from 6 fishermen villages along Chilka viz. Baghalanzi, Borakudi, Mota, Gopinathpur, Banamalipur and Gola. A pathologist and an assistant provided their service for the camps which were organized with the support of NETFISH member NGO, RPRDS. The camps which functioned from 10 am to 4 pm every day were arranged at places where the fisher folks have easy access. More than 400 people turned up for the medical camps in which 'blood group' of all the attendees were determined and each was provided with a 'blood group card' consisting of their name, address, age, sex and blood group. NETFISH logo and contact details were also printed on the card. A register was maintained with all the data including blood group of individual fisherman. In addition, NETFISH used the camp as an opportunity to raise awareness on basic health issues, personal hygiene, fish quality, sustainable use of Chilka fishery resources, activities of NETFISH, need of activation of their Primary Fishermen Co-operative Society (PFCs), etc. It was also a chance for NETFISH to collect data on the villages and the main activities, concerns, socioeconomic conditions, etc of the people in that area. The villagers responded positively to the discussions and expressed their appreciation for making an effort to bring attention to their issues. The camps which reached the door step of fisher folks to examine their blood created a great enthusiasm as this was a completely new experience for them. The main motive behind this medical camp was to involve all fisher folk of the particular fishermen village with NETFISH activities which was not possible alone by conventional extension training classes.



*Free medical camp at Odisha*

#### (4) Harbour & Coastal Clean-up programmes

##### a) Clean-up Programme in Tamil Nadu

In connection with International Coastal Clean-up Day, NETFISH Tamil Nadu along with MSSRF took an opportunity to educate students, fisher folks, service groups and other stakeholders about the adverse impacts of marine debris and the mean to prevent it. The major objectives of the programmes were (i) to create awareness among the coastal community on coastal pollution and its bad impact and (ii) to remove debris and other waste materials along the coast and harbour for encouraging the local community in doing so. With this view two clean-up programmes were organized in Tamil Nadu; one at Mandapam in Ramnad District on 17<sup>th</sup> September 2011 and the other one at Pazhaiyar in Nagapattinam District on 20<sup>th</sup> September 2011. The programme in Pazhaiyar was initiated with active participation of more than 100 volunteers including students from Pudhupattinam Higher Secondary School and President and members of Mechanized Boat Owners Association and the Village Head. Impact of Coastal pollution and importance of Coastal Clean-up programme were explained to the participants. The participants removed garbage, debris and non bio-degradable materials





found on the beach which in turn motivated the local populace towards maintaining a clean environment. The programme also included a rally by the students holding banners, phrases and slogans about cleanliness and coastal pollution etc., which has drawn much attention of natives of the Pazhaiyar. The clean-up programme conducted at Mandapam region involved 200 volunteers including NSS volunteer from Schools, Youth Club members, Members of Boat Owner's Association, NVA Fellows, Fisheries Officials, Scientists from CMFRI, Coast Guard Officials, VKC Knowledge workers and MSSRF staff team. Coastal line of 500m was cleaned by the volunteers and removed the debris and garbage from the north part of Mandapam coast. After the coastal clean-up, bit notices were distributed to the fishing community by the volunteers to raise awareness on the importance of clean fishing harbor. Do's and Don'ts banners were also prepared and pasted in the Mandapam Fishing Harbour for further reference of fisher folks. The clean-up programmes envisaged the creation of awareness among the coastal community of Mandapam and Pazhaiyar on coastal pollution, causes of litter and their impact and removal of waste along the coast.

#### b) Coastal Cleanup in Kerala

In the clean-up programmes conducted at Munakkakadavu & Chettuva harbour, NETFISH provided cleaning materials such as brooms, baskets, bleaching powder, spades, etc to the stakeholders who did the cleaning. Panchayat president, Vice-president and news reporters were present for the programme which got wide coverage in news papers and TV channels. The Panchayat engaged members of "Deshiya Thozilurappu Paddhathi" for cleaning the harbours once in a week. NETFISH also provided dust bins for proper waste disposal so as to keep the harbour premises clean.



*International coastal clean-up day celebration at Mandapam*

#### c) Cleanup in Karnataka

Fishers and students participated in the cleanup programme organized during coastal cleanup day and cleaned Karwar and nearby landing centres. NETFISH posters were displayed and leaflets on conservation were distributed to the participants.

#### (5) School Programmes

NETFISH conducted special awareness programmes for the school going children of fisher folks, mostly for the high school and higher secondary students. These children can act as an effective medium to spread the NETFISH messages among their family members who are involved in fisheries activities. During the financial year school programmes were organized at selected schools in Purba Medinipur district of West Bengal,







*Mass awareness programme at Veraval*

Mangrol & Vanakbara regions of Gujarat, Ankola region of Karnataka and Kanyakumari district of Tamil Nadu. The programmes included lecture class on topics such as Fish Quality Management, Conservation of Marine Resources, Best Management Practices in Aquafarms, hygiene, etc., description of various NETFISH posters, distribution of leaflets and documentary & animation film shows. In Tamil Nadu, apart from these a few competitions were also organized for the students on topics like marine conservation. In Gujarat the President and Committee Members of Fishermen communities also attended the programmes and the President appreciated NETFISH's effort in conserving marine resources and also requested to arrange more number of school programmes to create awareness among students of fishermen community.

### **(6) Mass Boat Clean-up**

In West Bengal, a mass boat clean-up programmes was organized at Freserganj Fishing Harbour and Dash mile fish landing centre on 2<sup>nd</sup> June 2011 with a view to create awareness among fishing boat owners and fishermen about the proper hygienic and sanitation condition of fishing boats, fish hold and necessary accessories related to fishing. As part of the programme NETFISH distributed sanitation kits which consisted of liquid soap, bleaching powder and a coir brush to 27 boat owners. The programme included lecture on significance of hygiene and cleaning of fishing boats, fish holds, etc. and practical demonstration on cleaning & sanitation practices onboard. NETFISH Maharashtra has conducted boat clean-up programmes on 8<sup>th</sup> and 9<sup>th</sup> of September 2011 at Karla and Golap landing centres in Ratnagiri area respectively. A total of 190 fishermen/boat owners participated in these programmes and 30 fishing vessels were cleaned. The mass boat clean-up awareness programmes conducted at Visakhapatnam in Andhra Pradesh included boat to boat awareness and also pasting of stickers prepared by NETFISH depicting hygiene and conservation methods to be followed onboard. About 100 vessels of Visakhapatnam fishing harbour were covered in the programme.

### **(7) Mass Communication Programme**

In Karnataka a Mass Communication Programme was arranged on 8.9.2011 at Mangalore fishing harbour in association with Dr. Shivaprakash of College of Fisheries, Mangalore. A hoarding on sustainable fishing was unveiled during the programme. The Mass Communication Programme organized jointly by NETFISH and State Fisheries at Mangalore on 19<sup>th</sup> November was attended by Fishers from various societies, merchants and fish workers. NETFISH documentaries and street play were showed and a harbour clean-up programme was also organized jointly by Department of Fisheries, NETFISH and City Corporation. The Mass Communication Programmes conducted at Veraval and Mangrol in Gujarat were attended by mass gatherings including Exporters, Suppliers, Boat owners, Transporters, Ice plant owners, etc.



**(8) Follow up programme in Odisha**

On 3<sup>rd</sup> May, 2011 a follow up programme was conducted at Dhamara regarding sanitation and hygienic practices in Dhamara fishing harbour. In the programme, discussions were held with members of Dhamara Trawler Association, Secretary and Manager of Management Society and it was suggested to appoint a permanent worker for carrying out the day-to-day cleaning activity of the harbour.

**(9) Study Tour for Fishers in Karnataka**

In the study tour organized in association with Snehakunja Trust, about 35 fishers were participated and they were taken to fish drying area and aqua farms and explained the quality aspects in farming and drying yards.

**(10) Workshop for fishermen in Harne area**

A workshop was organized at Utambar in Harne area on 27<sup>th</sup> July 2011. About 72 boat owners/fishermen (mainly trawler owners) who operate their fishing vessels from Harne port participated in this workshop. Leaflets were distributed among the participants and NETFISH documentaries were exhibited to them, explaining each and every point of responsible fishing. MPEDA subsidy schemes were also explained to them.

**12.3. National Centre For Sustainable Aquaculture (NaCSA)**

Aquaculture mainly Shrimp plays a key role in providing livelihood to coastal villages in India. It is also earning foreign exchange through export of Shrimp from India to China, US, EU, Japan and other countries. Shrimp farming is mainly carried out by small and marginal farmers with less than 2 ha per individual. To improve access of farmers to sustainable and eco friendly farming methods and its contribution to national economy, effective extension work is essential and prerequisite from the concerned agencies.

Although several Central and State agencies are involved and extending technical assistance through their extension network, it has not been possible to reach a major chunk of these farmers due to their sheer numbers and remote locations. To address this MPEDA had started an extension arm National Centre for Sustainable Aquaculture (NaCSA) through Government of India's 11<sup>th</sup> 5 year plan from 2007. Main objectives of NaCSA includes:-

1. Promote science-based management to improve aquaculture sustainability through participatory approach
2. Empower and build capacity of small scale aquaculture farmers
3. Facilitate improved service provision to small scale aquaculture farmers
4. Connect farmers to markets to receive better prices for good quality products
5. Facilitate interaction among stakeholders, Promoting Better Management Practices to improve aquaculture productivity and profits

NaCSA work plan approved for 2011-12 were:-

- ❖ Cluster Certification of Societies Project implementation by NaCSA
- ❖ Organizing and Registration of 400 Societies
- ❖ Preparation of Technical Training Video in vernacular languages
- ❖ Improving of NaCSA Website with dynamic content and discussion forums, online database.





- ❖ Publishing BMP practical Manual, BMP leaflets.
- ❖ Antibiotic /BMP Awareness Programmes
- ❖ Revival of Scampi farming through support of Hatcheries, Exporters and Educational Institution's.

### 12.3.1. Proposal and implementation of Common Shrimp Nursery Centre for Societies in West Bengal

NaCSA had organized a meeting with 33 society farmers in West Bengal at Meen Bhavan, Contai on 18.08.2011. Farmers were keen to do Shrimp farming and planned to initiate the activity after establishing a Common Nursery at Contai. During the meeting they suggested for setting up of such centre through a lead Society.



*A view of NaCSA Farmers meet in West Bengal*



*A view of meetings conducted in East Godavari and Krishna districts*

### 12.3.2. Organizing and Registration of Societies

NaCSA presently operating in five coastal States of India organized 35 Societies during 2011-12 NaCSA had concentrated on registering formally State registered Societies with MPEDA to achieve sustainable shrimp farming through planned scheme. NaCSA had facilitated 363 Societies till 31<sup>st</sup> March, 2012 to register with MPEDA and also assisted Societies to avail financial support through MPEDA Society's registration scheme.





**Societies organised in 2011-12**

State	Societies Registered	Total farmers	Total area (Ha)
Andhra Pradesh	23	469	453
Tamil Nadu	5	117	106
Odisha	1	20	15
West Bengal	5	102	35
Kerala	1	25	18
<b>Grand Total</b>	<b>35</b>	<b>733</b>	<b>627</b>

**Cumulative Societies**

State	Cumulative Societies	Cumulative Farmers	Cumulative Area(Ha)
Andhra Pradesh	628	13,739	12,703
Tamil Nadu	47	1,144	1,938
Odisha	55	1,188	801
West Bengal	55	1,267	434
Karnataka & Kerala	22	399	427
<b>Grand Total</b>	<b>807</b>	<b>17,737</b>	<b>16,303</b>

**12.3.3. Preparation of Technical Training Video in vernacular languages**

NaCSA had prepared an illustrative step by step video of Better Management Practices implementation with Society concept in English. This video had been very popular during Aqua Aquaria - 2011 and it was planned to translate the same from English to eight vernacular languages namely Tamil, Telugu, Malayalam, Gujarati, Odiya, Bengali, Kannada and Hindi.

**12.3.4. Publications**

NaCSA had published information leaflets in Telugu to disseminate guidelines of Society Management, record maintenance and MPEDA scheme guidelines to avail financial assistance and submission of various documents during the process.

NaCSA had published Pond Management Booklets and distributed to all society farmers to record the daily management to each and individual pond. This is being maintained for each pond by Society farmer/ Society coordinator.

**12.3.5. Insurance scheme to Aqua Societies**

With the increase crop success rate in Society farms, Insurance Companies are showing interest in Crop Insurance for Societies, with the effort of MPEDA one of the insurance companies came forward to do crop insurance this will be implemented in this coming crops. The insurance of crop including the coverage for WSSV and natural help the farmers to avoid the risks. Also to reclaim most of the abandoned farms through organizing farmer groups and promoting aquaculture through cluster approach. Upto now 100 Hectares have been insured with 91 farmers in 12 Societies.

**12.3.6. Visit of Officials and Trainings at NaCSA office and Societies**

- 1) Twenty four Post Graduate students from Sri Vasavi Kanyakaparameswari Arts & Science College, Penugonda had visited NaCSA office on 1<sup>st</sup> April 2011 and got exposure on Sustainable Aquaculture and BMPs and opportunities in Aquaculture.







- 2) Diploma Students from Fisheries Polytechnic College, Avanigadda, Krishna district have been trained by NaCSA as a part of their semester programme in NaCSA Societies in Sakshinetipalli area, East Godavari district, on various aspects of Society Organization, Technical support, etc., from 5<sup>th</sup> to 15<sup>th</sup> April, 2011.
- 3) Fair-trade team visited NaCSA and discussed about the linking of Societies with processors through fair trade certification. As a part of the programme the team members had visited in East and West Godavari areas.
- 4) Seven and thirteen students from CIFE have visited NaCSA office on 25<sup>th</sup> July 2011 and 2<sup>nd</sup> August 2011 respectively and learned about the Better Management Practices through Society concept and the about NaCSA activities

### 12.3.7. NaCSA's Work with other organizations and Participations in various activities

- 1) 'Rythu Chaitanya Yatra' a programme of the Andhra Pradesh State Government conducted across the State on 17.05.2011 to educate farmers about the use of latest technology and Government schemes in agriculture and allied sectors in which four officials of NaCSA participated.
- 2) Field Manager, NaCSA, Odisha participated in brackishwater aqua farmers meet organized by CIBA at Bhadrak, Odisha on 10.06.2011
- 3) State Coordinator, NaCSA, Tamil Nadu has participated in the NABARD assisted "e-Extension strategy for ensuring knowledge led rural growth" programme of CIBA at Avarikadu village of Nagapattinam district on 23<sup>rd</sup> June 2011
- 4) Field Manager, NaCSA, West Bengal had attended the meeting at Kakdwip Research Centre, CIBA on 21<sup>st</sup> October 2011 on brackish water and freshwater aqua farmer farming
- 5) Chief Executive, NaCSA participated in CIBA programme on effect of climate change at Undi on 08.12.2011,
- 6) Two Field Managers participated in the stakeholder panel consultation to discuss and prepare a draft in continuation of the project on Aqua climate change project of CIBA at Vijayawada on 8<sup>th</sup> December 2011
- 7) Field Manager NaCSA has participated in the Training Programme organized by FRS/RKNY, Kakinada from 19<sup>th</sup> to 21<sup>st</sup> March 2012.
- 8) Seven NaCSA officials were attended in USFDA/ CFSAN/MPEDA training programme on "Trainers Training on Aquaculture Food Safety Prevention"
- 9) Three officials of NaCSA participated in the ICAR/MPEDA/MoA/EU-ASEM/ NACA National workshop on "Scaling up Strategies and Build Consensus for an implementation plan for wider adoption of Shrimp" at CIBA, Chennai from 16<sup>th</sup> to 18<sup>th</sup> May 2011.
- 10) Regional Coordinator, NaCSA participated in the Workshop on "Current Trends in Aquaculture Development in India, its Future Development and, Prospects of Processing and Marketing" at JNTU Kakinada by SPICAM.
- 11) Chief Executive, NaCSA participated in the NFDB meeting on 17<sup>th</sup> February 2012 at Hyderabad on "Aquaculture Insurance scheme for Brackish Water Aquaculture."
- 12) Three officials of NaCSA had participated seminar on "New Vistas in Indian Aquaculture" organized by CIBA at Chennai between 23<sup>rd</sup> and 24<sup>th</sup> February 2012



- 13) MPEDA and SEAI has jointly organised IISS-2012 and celebrated 40<sup>th</sup> year of service to the Indian seafood sector in Chennai Trade Centre Complex, Chennai and attended by various stakeholders from India and abroad. The show showcased the potential available in the country both products and Infrastructure wise, NaCSA has participated in the show and set up a stall where the processors and various buyers were visited and enquired about the NaCSA progress and also discussed about linking Societies to processors and its compliances.
- 14) Ten NaCSA staff has participated in the international training programme on “*L. vannamei* Breeding and Farming” at Nellore and Surat.
- 15) Three officials from NaCSA has participated in Basic Shrimp Pathology Training and one official in Advanced Shrimp Pathology Training organized by RGCA and University of Arizona at Sirkali, Tamil Nadu from 14<sup>th</sup> to 19<sup>th</sup> November 2011

### 13.0. OFFICIAL LANGUAGE ACTIVITIES

The Marine Products Export Development Authority has implemented the Official Language Policy effectively during the year. The targets fixed for various activities such as originating correspondence in Hindi, letters received in Hindi to be answered in Hindi, noting in Hindi and 50% of the expenditure for the purchase of Hindi books have been achieved. Kochi Town Official Language Committee Meetings were attended by MPEDA Officials. Official Language Implementation Committee Meetings were conducted in every quarter. Three Hindi workshops and one Hindi seminar were also conducted during the year.

Other major activities covered during the year are:-

1. Four Quarterly Meetings of the Official Language Implementation Committee (OLIC) were convened in HO on 21.6.2011, 30.9.2011, 26.12.2011, 30.3.2012 respectively.

These meetings were presided over by the Chairman. Various measures connected with the strict compliance of the instructions/directions/orders from the Ministry were discussed and chalked out programmes and action taken was reviewed.



*Shri P. Mohanasundaran, Director, MPEDA receiving the prestigious Indira Gandhi Rajbhasha Award from Her Excellency Smt. Pratibha Devisingh Patil, Honorable President of India for the Best Official Language Implementation*



2. Three Hindi workshops of two days duration were conducted during each quarter in HO as well as in outstation offices. Tests were conducted at the end of each workshop and the participants who scored the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> positions were awarded with cash prizes of ₹ 250/-, ₹ 200/- and ₹ 150/- respectively.
3. A Rajbhasha Seminar was organized on 6.7.2011 in which 26 officers/staff of the Authority participated.
4. As prescribed in the Annual Programme in compliance of instructions to use 50% of the total fund allocated for the purchase of books for the Library, personal copies of the sequence of Malayalam-Hindi-English were provided to all officers and staff in HO. The staff members whose mother tongue is other than Hindi were asked to give their options for language and arrangements are being made to provide personal copies accordingly. All the outstation offices are asked to purchase the individual copies of dictionaries for each according to their choice for which prior financial sanction has to be obtained.
5. The Quarterly Hindi Magazine 'Sagarika' was released regularly.
6. The two Stenographers nominated for Hindi (Computer) Stenography training and one Junior Clerk nominated for Hindi typing under Hindi Teaching Scheme, Kochi during last year have successfully completed the training and they were given eligible incentives.
7. In all the computers in MPEDA Head Office and Field Offices, UNICODE has been installed and UNICODE based Computer Training was imparted to the staff.



*A Glimpse of the Hindi competition conducted for the school children in and around Kochi in connection with the Hindi Fortnight Celebrations 2011-12*

8. (a) Hindi Fortnight was celebrated in MPEDA from 14.09.2011 to 28.09.2011 with various competitions. The Official who scored the highest points in Hindi competitions was awarded with the 'Rajbhasha Prathibha' title and a cash prize of ₹ 600/-. The Publicity Section scoring the highest points among the sections of HO was awarded the Rajbhasha Trophy. Hindi Divas was celebrated on 14.09.2011 in all the Field Offices of the Authority also.
- (b) Hindi competitions were conducted separately in connection with the Hindi Fortnight Celebrations 2011 for children of the employees of MPEDA and the children of 41 schools in and around Kochi. Bhavan's Adarsh Vidyalaya, Kakkanad and Rajagiri Public School, Kalamassery won the Rajbhasha Rolling Trophy (1<sup>st</sup>) and Rajbhasha Rolling Trophy (2<sup>nd</sup>) respectively.



9. Assistant Director (Implementation), Regional Implementation Office, Kochi visited MPEDA on 25.10.2011 and reviewed the progressive use of Hindi as Official Language.
10. In the Joint Hindi Week Celebrations held under the auspices of the Kochi TOLIC during 14-25 November, 2011, MPEDA Officers and Staff participated and won many prizes. The prizes were distributed in the TOLIC meeting held on 29.3.2012.
11. The Hindi Salahkar Samiti Meeting of the Ministry of Commerce and Industry, held on 25<sup>th</sup> July, 2011 was attended by the then Secretary Shri J. Ramesh and Hindi Officer.

The progressive use of Hindi in each and every Section/Office was monitored through the Quarterly Progressive Reports and Requisite Reports forwarded by the Heads of Sections/outstation offices. All of them were reviewed and corrective measures were suggested and asked to send the Action Taken Report to ensure the compliance.

All efforts have been made for the propagation of Hindi by way of various procedural literature and publications. In this direction, Hindi version of Pamphlet on the 'Schemes for providing Financial Assistance to Ornamental Fish Breeding Units' was brought out. A book namely 'India - An Ocean of Opportunities' was also published in Hindi. A coloured Pamphlet on 'Green Certification of Freshwater Ornamental Fishes' was also printed. Copies of all were sent to the members of Hindi Salahkar Samiti and member organizations of the Kochi TOLIC. The Hindi equivalents of the lists of English words received from all the sections and field offices were prepared and action is being taken for printing the section- wise dictionaries by compiling the same.

All the concerted efforts put into were well appreciated by Kochi TOLIC/Hindi Salahkar Samiti / Department of Official Language, Ministry of Home Affairs and in recognition of the same, the Authority was awarded with:-

- ❖ Indira Gandhi Rajbhasha Shield (3<sup>rd</sup> Prize) instituted by the Department of Official Language, Ministry of Home Affairs, Government of India for its outstanding Official Language performance during the year. In a grand function organised at the Plenary Hall, Udyog Bhawan, New Delhi Shri Mohanasundaram, Director, MPEDA received the award from Her Excellency Smt. Pratibha Devisingh Patil, the Honorable President of India.
- ❖ MPEDA won the Rajbhasha Trophy (1<sup>st</sup> Prize) instituted for the Organisations under the Ministry of Commerce located in non-Hindi Speaking States for 2008-09 and 2009-10 for the outstanding performance in implementing Official Language. On behalf of Chairman, MPEDA Shri J Ramesh, the then Secretary, MPEDA received the trophy from the Hon'ble Minister of State for Commerce & Industry, Shri Jyothiraditya Sindhya.

Authority also won the Rajbhasha Shield (1<sup>st</sup> Prize) instituted by the Kochi Town Official Language Implementation Committee during the year. Hindi House Magazine 'Sagarika' published by the Authority was also awarded with the Rajbhasha Shield (1<sup>st</sup> Prize) among the member organisations of the Kochi TOLIC during the year for the best house magazine. On behalf of MPEDA Shri N Ramesh, Director (M) received the Rajbhasha Rolling Trophy and Certificate from Commissioner of Income Tax, Shri Kaushal Kumar Sharma, IRS.

During the year under report, Authority has continued the Schemes and Programmes formulated earlier for motivating and encouraging the officials for the use of Hindi.







Officers/staff who write 10000 Hindi words in files and registers are awarded cash incentives @ ₹ 1000/- each per year.

Personal pay and cash incentives are awarded to the employees on passing Hindi/Hindi Typewriting/ Hindi Stenography examinations as per the orders of the Department of Official Language.

The Officer/staff who secures highest points in various Hindi competitions conducted in connection with the Hindi Fortnight Celebration is awarded a cash incentive @ ₹ 600/- along with the title 'Rajbhasha Prathibha'.

A Rajbhasha Trophy is awarded to the section, which secures highest points in various Hindi competitions, conducted in connection with the Hindi Fortnight Celebrations.

Cash incentives are awarded to the officers/staff coming first, second and third in the test conducted in connection with the Hindi workshops.

Cash incentives @ ₹ 400/- each are awarded to the children of the employees who secure highest marks in Hindi in the SSLC/CBSE/ICSE 10<sup>th</sup> Standard and Plus 2 examinations.

Cash incentives @ ₹ 750/- each are awarded to the Group 'C' employees who write a Hindi word with its English equivalent in the black/white board exhibited at the entrance of field offices.

Following programmes are proposed to be completed by the end of 2012:-

- A documentary film on Ornamental Fishes.
- A booklet on the Medicinal properties of the Fish.
- A booklet on the qualitative aspects of Marine Products.

#### 14.0. TRAINING PROGRAMMES

Training Programmes / Workshops / Seminar etc. conducted / attended during the period for the participation of officers and staffs for their capacity building are given below:-

Sl. No.	Duration of the training	Subject of training	No. of officials attended	Name of the faculty members
1.	One day seminar on 12 <sup>th</sup> May 2011 at Kochi	Emerging issues in Asian Aquaculture	1	NACA/ CMFRI, Kochi
2.	Eleven days training programme on 9 <sup>th</sup> to 19 <sup>th</sup> May 2011 at RGCA.	Training on Cage Culture of Seabass.	5	RGCA, Sirkali
3.	Five days training on 15 <sup>th</sup> to 19 <sup>th</sup> May 2011 at CIBA, Chennai.	Training on National Workshop on scaling up of BMPs in Shrimp farming.	8	NACA/CIBA/NaCSA
4.	Three days training on 7 <sup>th</sup> to 9 <sup>th</sup> June 2011 at Trivandrum	Training on GIS	4	KSREC





5.	Four days training programme on 19 <sup>th</sup> to 22 <sup>nd</sup> July 2011 at MPEDA, HO	Arc-GIS software training programme.	8	ESRI, Bangalore
6.	Ten days training programme from 1 <sup>st</sup> to 12 <sup>th</sup> August 2011	Promotion to the post of Assistant Director (RO)	11	MPEDA, Kochi
7.	One day Workshop on 9 <sup>th</sup> August 2011 at Nagapattinam	Workshop on Climate changes.	1	CIBA, Chennai
8.	Eleven days training programme from 16 <sup>th</sup> to 29 <sup>th</sup> August 2011.	Promotion to the post of JTO (EP).	11	MPEDA, Kochi
9.	One day training programme on 13.9.2011	Electrical Energy Conservation.	1	Kerala State Productivity Council
10.	One day Regional workshop on 30 <sup>th</sup> October 2011 at Kakinada.	Marine Fishery Resources.	1	Fishery Survey of India, Chennai
11.	Four days Symposium on 22 <sup>nd</sup> to 25 <sup>th</sup> November 2011 at Mangalore.	8 <sup>th</sup> International Symposium on disease in Asian Aquaculture.	3	Collage of Fisheries, Mangalore
12.	Six days training programme from 14 <sup>th</sup> to 19 <sup>th</sup> November 2011.	Training programme on Basic and Advanced courses in Pathology of Shrimps.	10	RGCA with University of Arizona- APL, USA
13.	Five days training programme on 17 <sup>th</sup> to 21 <sup>st</sup> January 2012 at Chennai.	JIFSAN's Trainers Training Programme on Good Aquaculture Practices.	4	CAA with TANUVAS, Chennai
14.	Three days training on 2 <sup>nd</sup> to 5 <sup>th</sup> November 2011 at Chennai.	Training on GIS.	5	IRS, Anna University, Chennai
15.	Seven days training on 23 <sup>rd</sup> to 29 <sup>th</sup> November 2011 at Bhubaneswar.	Training programme on Fish Disease, Diagnosis and Control.	1	CIFA, Bhubaneswar
16.	Seven days training on 23 <sup>rd</sup> to 29 <sup>th</sup> November 2011 at Bhubaneswar.	Training programme on Fish Health Management.	1	CIFA, Bhubaneswar
17.	One day Seminar on 8 <sup>th</sup> December 2011 at Vijayawada.	Effect on climate change in Aquaculture.	1	CIBA / NACA, Chennai
18.	One day workshop on 9 <sup>th</sup> December 2011 at Alappuzha.	Impact of climate in Aquaculture.	1	CIBA, Chennai.





19. Fourteen days training programme on 8 <sup>th</sup> to 21 <sup>st</sup> December 2011 at CIFA, Bhubaneswar.	Training programme on Nutrient use in Aquaculture.	1	CIFA, Bhubaneswar
20. Six days training programme from 23 <sup>rd</sup> to 28 <sup>th</sup> , January 2012 at Sirkali and Andaman & Nicobar Islands.	Training programme on Re-circulation in Aquaculture system.	18	RGCA & M/s. Aquasmith Inc, USA
21. Two days training programme from 10 <sup>th</sup> & 11 <sup>th</sup> January 2012.	Operation and maintenance of Electrical Equipment and Machines.	1	Kerala State Productivity Council
22. Two days National Symposium on 23 <sup>rd</sup> and 24 <sup>th</sup> February 2012 at Chennai.	National Symposium on new vistas in Commercialization of Aquaculture.	3	CIBA, Chennai.

### 15.0. ACKNOWLEDGEMENT

The achievement in the export front was made possible through the sincere and valuable efforts made by the seafood export industry including the members representing the trade in the Authority.

The Authority has received the active co-operation of all Ministries, the Planning Commission and the State Governments and the Authority gratefully acknowledges the same. The Export Inspection Council of India (EIC), the Directorate General of Foreign Trade (DGFT), the ICAR Institutes (CIFT/ CMFRI/ CIBA), the National Institute of Fisheries Post Harvest Technology and Training (NIFPHATT), the Fishery Survey of India (FSI) and the Central Institute of Fisheries Nautical & Engineering Training (CIFNET), Department of Ocean Development, Department of Bio-Technology etc. have also played active role in developing the trade and achieving the export of marine products. Our embassies in the important overseas markets have extended their co-operation in solving various problems relating to export marketing of seafoods and also played an important role in boosting our exports to those markets. The Authority also wishes to place on record its gratitude to all these organisations. The Authority is also deeply indebted to the support and co-operation extended by the seafood export industry and trade.

The dedicated services of the officers and staff of MPEDA at its Head Quarters, Regional Offices and the Sub Regional Offices, Aquaculture Promotion Centres, Quality Control Laboratories and the Trade Promotion Offices Overseas and at Delhi have contributed significantly to the overall functioning and performance and the Authority wishes to acknowledge their contribution with appreciation.



## Appendix - 1

### LIST OF AUTHORITY MEMBERS AS ON 31.03.2012

- |  |  |
|--|--|
| <p>1. Ms. Leena Nair, IAS<br/>Chairman<br/>MPEDA<br/>MPEDA House<br/>Panampilly Avenue<br/>Kochi - 682 036.</p>  | <p>2. Shri P. Mohanasundaram<br/>Director<br/>MPEDA<br/>MPEDA House<br/>Panampilly Avenue<br/>Kochi - 682 036.</p>   |
| <p>3. Shri K. P. Dhanapalan<br/>Member of Parliament (Lok Sabha)<br/>Kalathil House<br/>North Paravur<br/>Ernakulam - 683 513.</p>   | <p>4. Shri Bishnu Pada Ray<br/>Member of Parliament (Lok Sabha)<br/>26, North Avenue<br/>New Delhi - 110001.</p>   |
| <p>5. Smt. T. Ratna Bai<br/>Member of Parliament (Rajya Sabha)<br/>B-303, MS Flats<br/>MKS Marg<br/>New Delhi - 110 001.</p>   | <p>6. Shri Tarun Shridhar, IAS<br/>Joint Secretary (Fisheries)<br/>Government of India<br/>Ministry of Agriculture, Deptt. of<br/>AH Dairying &amp; Fisheries<br/>Room No.221, Krishi Bhawan<br/>Dr. Rajendra Prasad Road<br/>New Delhi - 110 001.</p> |
| <p>7. Ms. Amrit Raj<br/>Director (Finance)<br/>Department of Commerce<br/>Ministry of Commerce &amp; Industry<br/>Room No. 224<br/>Udyog Bhawan<br/>New Delhi - 110 011.</p>   | <p>8. Shri Avinash P. Joshi<br/>Director EP (MP)<br/>Department of Commerce<br/>Ministry of Commerce &amp; Industry<br/>Room No.250<br/>Udyog Bhawan<br/>New Delhi - 110 011.</p>  |
| <p>9. Shri Rajbir Singh Panvar, IAS<br/>Director<br/>Ministry of Food Processing Industries<br/>Room No. 101- B<br/>Punchasheel Bhawan<br/>August Kranti Marg<br/>New Delhi - 110 049.</p>   | <p>10. Shri Sudhir G. Bhandare<br/>Deputy Director General<br/>Directorate General of Shipping<br/>Jahaz Bhawan<br/>Walchand Hirachand Marg<br/>Ballard Estate<br/>Mumbai - 400 001.</p>   |
| <p>11. Shri Shripad Bhalerao, IAS<br/>Special Chief Secretary<br/>(AH, DD &amp; Fisheries Deptt.)<br/>Government of Andhra Pradesh<br/>Room No.236-A, 1<sup>st</sup> Floor, 'D' Block<br/>A P Secretariat, Hyderabad<br/>Andhra Pradesh - 500 022.</p> | <p>12. Shri Dinesh H. Brahmabhatt, IAS<br/>Secretary to Government<br/>(AH, CB, Dairying &amp; Fisheries)<br/>Government of Gujarat<br/>Block No.5, 2<sup>nd</sup> Floor<br/>Sardhar Bhavan, Sachivalaya<br/>Gandhinagar - 382 010.</p>                |







13. Shri P. K. Mohanty, IAS  
Secretary to Government  
Fisheries Department  
Government of Kerala  
Room No.394  
Secretariat  
Thiruvananthapuram - 695 001.
14. Shri Anil Diggikar, IAS  
Secretary to Government  
(Animal Husbandry, Diary  
Development & Fisheries Deptt.)  
Government of Maharashtra  
5<sup>th</sup> Floor, Room No 524  
Annex, Mantralaya  
Mumbai - 400 032.
15. Ms. V. Manjula, IAS  
Principal Secretary  
(Animal Husbandry & Fisheries)  
Karnataka Government Secretariat  
Room No.404, 4<sup>th</sup> Floor, Vikasa Soudha  
Dr. B. R. Ambedkar Veedhi  
Bangalore - 560 001.
16. Shri Satyabrata Sahu, IAS  
Commissioner-cum-Secretary  
(Fisheries & ARD Deptt.)  
Government of Odisha  
Odisha Secretariat  
Sachivalaya Marg  
Bhubaneswar - 751 001.
17. Shri Gagandeep Singh Bedi, IAS  
Secretary to Government  
AH, Dairying and Fisheries Deptt.  
Government of Tamil Nadu  
Secretariat, Fort St. George  
Chennai  
Tamil Nadu - 600 009.
18. Shri Sayeed Ahmed Baba, IAS  
Secretary (Fisheries)  
Government of West Bengal  
Fisheries Department  
Ground Floor (Near Gate No.6)  
Writers Building  
Kolkata - 700 001.
19. Dr. N. Vasanthakumar, IAS  
Collector cum Development  
Commissioner  
Union Territory of Lakshadweep  
Lakshadweep Administration  
Kavaratti - 682 555.
20. Shri Anwar Hashim  
Managing Director  
Abad Fisheries Pvt. Ltd  
Abad Building, 13 / 681  
Jew Town Road  
Kochangadi  
Kochi - 682 002.
21. Shri Manish Mavji Lodhary  
Opposite Old Light House  
Bundar Road  
Porbandar  
Gujarat - 360 575.
22. Shri K. G. Lawrence  
Managing Partner  
M/s. Geo Seafoods  
Pallichal Road, Palluruthy  
Kochi- 682 006.
23. Shri S. Venugopal  
63 / 28  
P. V. Koil Street  
Royapuram  
Chennai  
Tamil Nadu - 600 013.
24. Shri Anis Ahmed Khan  
Partner  
M/s. S. A. Exports  
548, Jessore Road  
Kolkata  
West Bengal - 700 055.





25. Shri M. S. Rawther  
"Crescent",  
15, C. S. M. Nagar  
Edappazhinji  
Sasthamangalam - PO  
Thiruvananthapuram - 695 010.
26. Dr. K. V. Prasad  
Managing Director  
M/s. Sandhya Marine Ltd  
402, Vantage Apartments  
East Point Colony, Vizag  
Andhra Pradesh - 530 017.
27. Dr. (Ms) B. Meenakumari  
Deputy Director General (Fy)  
Indian Council of Agricultural Research  
Department of Fisheries  
Krishi Anusandhan Bhawan - II  
Dr. K. S. Krishnan Marg, Pusa  
New Delhi - 110 012.
28. Prof. Vinod Ramkrishna Bonde  
Kishor Appa's Farm  
Nakane Road  
Deopur  
Dhule  
Maharashtra - 424 002.
29. Shri Moulana Ibrahim  
House No.1 / 2913  
Behind P.W.D. Office  
Opp. Atlantic Water Proofing  
Don Bosco Road  
Fatorda, Margoa, Goa - 403 602.
30. Shri I. Moosa  
Irakuniyil  
Vellikulangara  
Orkkatteri - PO  
Vadakara (Via)  
Calicut - 673 101.





### Appendix - 2

#### LIST OF EXECUTIVE COMMITTEE MEMBERS AS ON 31.03.2012

1. Ms. Leena Nair, IAS, Chairman, MPEDA, MPEDA House, Panampilly Avenue, Kochi - 682 036.
2. Shri Anwar Hashim, Vice Chairman MPEDA & Managing Director, Abad Fisheries Pvt. Ltd, Abad Building, 13 / 681, Jew Town Road, Kochangadi, Kochi - 682 002.
3. Shri K. P. Dhanapalan, Member of Parliament (Lok Sabha), Kalathil House, North Parur, Ernakulam - 683 513.
4. Shri P Mohanasundaram, Director, MPEDA, MPEDA House, Panampilly Avenue, Kochi - 682 036.
5. Shri Avinash P. Joshi, Director EP (MP), Room No.250, Ministry of Commerce & Industry, Udyog Bhawan, New Delhi - 110 011.
6. Shri Shripad Bhalerao, Special Chief Secretary & Secretary to AH, DD & Fisheries Department, Government of Andhra Pradesh, Room No.236A, 1<sup>st</sup> Floor, 'D' Block, A. P. Secretariat, Hyderabad - 500 022.
7. Shri B. Sreekumar, Secretary, MPEDA, MPEDA House, Panampilly Avenue, Cochin - 682 036.

#### LIST OF EXPORT PROMOTION COMMITTEE MEMBERS AS ON 31.03.2012

1. Ms. Leena Nair, IAS, Chairman, MPEDA, MPEDA House, Panampilly Avenue, Kochi - 682 036.
2. Shri Anwar Hashim, Vice Chairman MPEDA & Managing Director, Abad Fisheries Pvt. Ltd, Abad Building, 13 / 681, Jew Town Road, Kochangadi, Kochi - 682 002.
3. Shri Bishnu Pada Ray, Member of Parliament (Lok Sabha), 26, North Avenue, New Delhi - 110001.
4. Shri P. Mohanasundaram, Director, MPEDA, MPEDA House, Panampilly Avenue, Kochi - 682 036.
5. Shri M. S. Rawther, "Crescent", 15, C. S. M. Nagar, Edappazhinji, Sasthamangalam - PO, Thiruvananthapuram - 695 010.
6. Ms. V. Manjula, IAS, Principal Secretary (AH & Fy), Karnataka Government Secretariat, Room No.404, 4<sup>th</sup> floor, Vikasa Soudha, Dr. B. R. Ambedkar Veedhi, Bangalore - 560 001.

#### LIST OF TECHNICAL COMMITTEE MEMBERS AS ON 31.03.2012

1. Ms. Leena Nair, IAS, Chairman, MPEDA, MPEDA House, Panampilly Avenue, Kochi - 682 036.
2. Shri Anwar Hashim, Vice Chairman MPEDA & Managing Director, Abad Fisheries Pvt. Ltd, Abad Building, 13 / 681, Jew Town Road, Kochangadi, Kochi - 682 002.
3. Smt. T. Ratna Bai, Member of Parliament (Rajya Sabha), B-303, MS Flats, MKS Marg, New Delhi - 110 001.
4. Shri P. Mohanasundaram, Director, MPEDA, MPEDA House, Panampilly Avenue, Kochi - 682 036.
5. Shri I. Moosa, Irakuniyil, Vellikulangara, Orkkatteri - P. O., Vadakara (Via), Calicut - 673 101.





6. Shri K. G. Lawrence, Managing Partner, M/s. Geo Seafoods, Pallichal Road, Palluruthy, Kochi- 682 006.
7. Shri Tarun Shridhar, IAS, Joint Secretary (Fisheries), Government of India, Ministry of Agriculture, Deptt. of AH, Dairying & Fisheries, Room No.221, Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi - 110 001.
8. Shri Sudhir G. Bhandare, Deputy Director General, Directorate General of Shipping, Jahaz Bhawan, Walchand Hirachand Marg, Mumbai - 400 001.
9. Dr. (Ms.) B. Meenakumari, Deputy Director General (Fisheries), Indian Council of Agricultural Research, Division of Fisheries, Krishi Anusandhan Bhawan - II, Dr. K. S. Krishnan Marg, Pusa, New Delhi - 110 012.
10. Shri Gagandeep Singh Bedi, IAS, Secretary to Government, AH, Dairying and Fisheries Deptt., Government of Tamil Nadu, Secretariat, Fort St. George, Chennai, Tamil Nadu - 600 009.
11. Shri S. Venugopal, 63/28 P. V. Koil Street, Royapuram, Chennai, Tamil Nadu - 600 013.







### Appendix - 3

#### LIST OF OFFICERS OF THE AUTHORITY AS ON 31.03.2011

##### HEAD OFFICE:

1. Chairman	: Ms. Leena Nair, IAS
2. Director (Marketing)	: Shri N. Ramesh, ITS
3. Director	: Shri P. Mohanasundaram
4. Secretary	: Shri B. Sreekumar
5. Joint Director (Dev)	: Smt. K. M. Veena
6. Joint Director (Aqua & Trg)	: Shri Y. C. Thampi Samraj
7. Joint Director (QC)	: Shri K. N. Vimal Kumar
8. Deputy Director (Stat)	: Shri T. S. Baby
9. Deputy Director (C&G)	: Shri K. J. Antony
10. Deputy Director (P&MP)	: Dr. M. K. Ram Mohan
11. Deputy Director (Admn)	: Shri P. K. Unnikrishnan
12. Deputy Director (QC)	: Shri V. L. Patrick
13. Deputy Director (Lab)	: Shri V. I. George
14. Deputy Director (Pers)	: Shri K. Muralidharan
15. Deputy Director (Soc)	: Dr. Al Muthuraman
16. Deputy Director (Aqua)	: Shri Saifuddin Anis
17. Deputy Director (MS)	: Dr. Shine Kumar
18. Deputy Director (OL)	: Dr. Usha Rani
19. Assistant Director (Pub)	: Shri N. Chandrasekharan
20. Assistant Director (EP)	: Smt. V. K. Vijayakumari
21. Assistant Director (Dev)	: Shri Asok Kumar
22. Assistant Director (OFD)	: Dr. Ansar Ali
23. Assistant Director (Stat)	: Shri K. V. Premdev
24. Assistant Director (Pers)	: Shri V. V. Suresh Kumar
25. Assistant Director (A&I)	: Shri Subrata Ray
26. Assistant Director (QC)	: Shri K. Sasidharan Nair
27. Assistant Director (QC)	: Shri V. Vivekanandan





28. Assistant Director (QC)	: Shri G. Mahesh
29. Assistant Director (Aqua)	: Shri J. Purushotham Sai
30. Assistant Director (Aqua)	: Shri M. Shaji
31. Assistant Director (Aqua)	: Shri P. N. Vinod
32. Assistant Director (Aqua)	: Shri R. Sankara Pillai
33. Assistant Director (Aqua)	: Shri M. Viswakumar
34. Systems Analyst	: Smt. Usha Singh
35. Accounts Officer	: Smt. Verlin Patrick
36. Accounts Officer	: Shri P. K. Vinu
37. Accounts Officer	: Shri G. Rajendran
38. Section Officer	: Smt. A. R. Sajibai
39. Section Officer	: Shri Darshan Lal Dhondiyal
40. Senior Accountant	: Shri K. A. Jacob
41. Senior Accountant	: Shri K. S. Unnikrishnan
42. Hindi Officer	: Smt. Mallika Unnikrishnan
43. Senior Hindi Translator	: Smt. Tulsi Nair
44. Technical Officer (QC)	: Shri Walter John Meyn
45. Technical Officer (QC)	: Shri V. Vinod
46. Technical Officer (QC)	: Shri P. Uthirapathy
47. Technical Officer (QC)	: Smt. A. Suma
48. Technical Officer (QC)	: Shri E. C. Abhilash
49. Assistant Library & Information officer	: Shri R. Prabhakaran

### REGIONAL OFFICE, KOCHI:

1. Deputy Director	: Smt. P. V. Karthiyayani
2. Assistant Director (EP)	: Shri Shaji George
3. Technical Officer (QC)	: Shri S. S. Shaji

### REGIONAL OFFICE, CHENNAI:

1. Deputy Director	: Shri A. Jayabal
2. Technical Officer (QC)	: Dr. O. K. Sindhu





### REGIONAL OFFICE, MUMBAI:

- |                            |                                |
|----------------------------|--------------------------------|
| 1. Assistant Director (EP) | : Dr. P.G. Sreenath            |
| 2. Technical Officer (QC)  | : Shri Rajesh Anant Dagare     |
| 3. Senior Hindi Translator | : Smt. Mrinalini Paresh Arekar |

### REGIONAL OFFICE, KOLKATA:

- |                            |                             |
|----------------------------|-----------------------------|
| 1. Joint Director          | : Smt. Asha C. Parameswaran |
| 2. Assistant Director (QC) | : Shri Barun Kumar Das      |
| 3. Technical Officer (QC)  | : Shri P. K. Pramanik       |

### REGIONAL OFFICE, VIZAG:

- |                            |                          |
|----------------------------|--------------------------|
| 1. Deputy Director (EP)    | : Shri Raju K. Joseph    |
| 2. Assistant Director (EP) | : Shri Vasa Venkata Raju |

### REGIONAL OFFICE, VERAVAL:

- |                            |                               |
|----------------------------|-------------------------------|
| 1. Deputy Director (EP)    | : Shri Vijayakumar C. Yaragal |
| 2. Assistant Director (EP) | : Dr. K. K. Anikuttan         |
| 3. Technical Officer (QC)  | : Shri M. Shrimali Vinodkumar |

### SUB-REGIONAL OFFICE, MANGALORE:

- |                            |                         |
|----------------------------|-------------------------|
| 1. Assistant Director (EP) | : Shri Rajkumar S. Naik |
|----------------------------|-------------------------|

### SUB-REGIONAL OFFICE, GOA:

- |                            |                      |
|----------------------------|----------------------|
| 1. Assistant Director (EP) | : Smt. M. C. Elsamma |
|----------------------------|----------------------|

### SUB-REGIONAL OFFICE, KOLLAM:

- |                         |                             |
|-------------------------|-----------------------------|
| 1. Deputy Director (EP) | : Smt. K. A. Ivy Bernadette |
|-------------------------|-----------------------------|

### SUB-REGIONAL OFFICE, BHUBANESWAR:

- |                            |                           |
|----------------------------|---------------------------|
| 1. Assistant Director (EP) | : Shri Sudhir Kumar Patra |
|----------------------------|---------------------------|

### SUB-REGIONAL OFFICE, TUTICORIN:

- |                            |                          |
|----------------------------|--------------------------|
| 1. Assistant Director (EP) | : Shri K. Rajendramany   |
| 2. Technical Officer (QC)  | : Shri V. Lakshmikanthan |

### SUB-REGIONAL OFFICE, GUWAHATI

- |                         |                         |
|-------------------------|-------------------------|
| 1. Deputy Director (EP) | : Dr. T. R. Gibin Kumar |
|-------------------------|-------------------------|



**REGIONAL CENTRES (AQUACULTURE):****KOCHI:**

- |                              |                             |
|------------------------------|-----------------------------|
| 1. Joint Director (Aqua)     | : Dr. Anand Sankar Upadhyay |
| 2. Deputy Director (Aqua)    | : Shri S. X. Prince         |
| 3. Assistant Director (Aqua) | : Smt. Elsamma Ithack       |

**BHUBANESWAR:**

- |                              |                                |
|------------------------------|--------------------------------|
| 1. Deputy Director (Aqua)    | : Shri G. Rathinaraj           |
| 2. Assistant Director (Aqua) | : Shri Umesh Chandra Mohapatra |

**VIJAYAWADA:**

- |                              |                           |
|------------------------------|---------------------------|
| 1. Deputy Director (Aqua)    | : Shri C. J. Sampathkumar |
| 2. Assistant Director (Aqua) | : Shri P. Brahmeswara Rao |
| 3. Assistant Director (AE)   | : Shri K. Shanmukha Rao   |

**THANJAVUR:**

- |                              |                  |
|------------------------------|------------------|
| 1. Deputy Director (Aqua)    | : Shri C. Wilson |
| 2. Assistant Director (Aqua) | : Dr. S. Kandan  |
| 3. Assistant Director (AE)   | : Shri Razak Ali |

**VALSAD:**

- |                              |                      |
|------------------------------|----------------------|
| 1. Deputy Director (Aqua)    | : Dr. S. Vijayakumar |
| 2. Assistant Director (Aqua) | : Dr. G. Gopakumar   |

**PANVEL:**

- |                              |                          |
|------------------------------|--------------------------|
| 1. Deputy Director (Aqua)    | : Shri Maruti D. Yaligar |
| 2. Assistant Director (Aqua) | : Shri Reji Mathew       |
| 3. Assistant Director (AE)   | : Shri K. Sivaraman      |

**SUB-REGIONAL CENTRES (AQUACULTURE):****KARWAR:**

- |                           |                        |
|---------------------------|------------------------|
| 1. Deputy Director (Aqua) | : Shri Ram Adhar Gupta |
|---------------------------|------------------------|

**KOLKATA:**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Deputy Director (Aqua)  | : Shri Dileep Kumar Biswas |
| 2. Assistant Director (AE) | : Shri Dhirit Ekka         |







### **BHIMAVARAM:**

1. Assistant Director (Aqua) : Shri Vasa Subha Rao

### **KANNUR:**

1. Assistant Director (Aqua) :

### **QUALITY CONTROL LABORATORY, BHIMAVARAM:**

1. Deputy Director (QC) : Shri K. Vijayakumar  
2. Technical Officer (QC) : Shri Dubakula Venugopal

### **QUALITY CONTROL LABORATORY, NELLORE:**

1. Assistant Director (QC) : Shri P. D. Satheesan  
2. Technical Officer (QC) : Shri P. P. Suresh Babu

### **TRADE PROMOTION OFFICE:**

#### **NEW DELHI:**

1. Assistant Director (EP) :

#### **NEW YORK:**

1. Resident Director : Smt. Monika A. Batra, IRS

#### **JAPAN:**

1. Resident Director : Shri K. Premachandran



# **FINANCIAL STATEMENTS**

## **2011-12**



**THE MARINE PRODUCTS EXPORT  
DEVELOPMENT AUTHORITY**

**KOCHI - 36**





## ANNUAL ACCOUNTS 2011-12

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### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
BALANCE SHEET AS AT 31.03.2012

		(Amount - ₹)
CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Previous Year (2010-11)
CORPUS/CAPITAL FUND	1	123313761
RESERVES AND SURPLUS	2	0
EARMARKED/ENDOWMENT FUNDS	3	239912474
SECURED LOANS AND BORROWINGS	4	0
UNSECURED LOANS AND BORROWINGS	5	0
DEFERRED CREDIT LIABILITIES	6	0
CURRENT LIABILITIES AND PROVISIONS	7	1119007179
<b>TOTAL</b>		<b>1482233414</b>
ASSETS		
FIXED ASSETS	8	114740863
INVESTMENTS - FROM EARMARKED/ENDOWMENT FUNDS	9	235571738
INVESTMENTS - OTHERS	10	0
CURRENT ASSETS, LOAN, ADVANCES ETC.	11	247718094
MISCELLANEOUS EXPENDITURE (Provision for employees retirement & terminal benefits)		884202719
(In the extent not written off or adjusted)		
<b>TOTAL</b>		<b>1453603978</b>
SIGNIFICANT ACCOUNTING POLICIES	24	
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25	
<b>TOTAL</b>		<b>1482233414</b>

*Shreehari*

SECRETARY

*Shreehari*

CHAIRMAN

*Shreehari*

CHIEF ACCOUNTS OFFICER





## FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2012

(Amount - ₹)					
INCOME	Schedule	Current Year (2011-12)	Previous Year (2010-11)		
Income from Sales/Services	12	13205629	13057797		
Grants/Subsidies	13	1128977702	957736235		
Fees/Subscriptions	14	8089025	7247497		
Income from Investments (Income on Investment from earmarked/endowment funds transferred to Funds)	15	0	0		
Income from Royalty, Publication etc.	16	869646	852788		
Interest Earned	17	12007697	8947556		
Other Income	18	1109860	2697755		
Increased/(decrease) in stock of Finished goods and work-in-progress	19	0	0		
<b>TOTAL (A)</b>		<b>1164259559</b>	<b>990539628</b>		
<b>EXPENDITURE</b>					
Establishment Expenses	20	232872335	209251346		
Other Administrative Expenses etc.	21	89830616	86897126		
Expenditure on Grants, Subsidies etc.	22	804459334	672775153		
Interest	23	0	0		
Depreciation (Net Total at the year-end-corresponding to Schedule 8)		21538031	28108137		
<b>TOTAL (B)</b>		<b>1148700316</b>	<b>997031762</b>		
Balance being excess of Income over Expenditure (B-A)		15559243	(6492134)		
Prior Period Adjustments		3619302	211861		
Transfer to Special Reserve (Specify each)					
Transfer to/ from General Reserve					
<b>BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND</b>		<b>19178545</b>	<b>(6280273)</b>		
SIGNIFICANT ACCOUNTING POLICIES	24				
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25				

*Janis*

CHIEF ACCOUNTS OFFICER

*Shreebend*

SECRETARY

*Seave Nar*

CHAIRMAN



THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED ON 31.03.2012

RECEIPTS	(Amount - ₹)	
	2011-12 ₹	2011-12 ₹
<b>1. Opening Balance</b>		<b>328867899.00</b>
i. Cash	16440705.00	232872335.00
ii. Bank Account; in Current Account	38175.00	89830616.00
	16402530.00	6164948.00
<b>2. Grant Received from Govt. of India</b>	<b>1324416184.00</b>	<b>963494009.00</b>
i. Grants from Ministry (Plan & Non Plan)	1142808000.00	804459334.00
ii. Towards Earmarked/ Endow. Fund	181608184.00	159034675.00
<b>3. Income on Investments</b>	<b>10538114.00</b>	<b>7020850.00</b>
i. Own fund	10538114.00	6680416.00
		340434.00
<b>4. Investments &amp; Deposits</b>	<b>14211818.00</b>	
i. ASIDE Central	14211818.00	



# Annual Report 2011-12

## MPEDA

RECEIPTS	2011-12 ₹	PAYMENTS	2011-12 ₹
<b>5. Other Income</b>	<b>23274160.00</b>	<b>4. Expenditure on Fixed Assets and Capital work-in - progress</b>	<b>41294336.00</b>
i. Income from sale (Services)	13205629.00	Purchase of Fixed Assets	41294336.00
ii. Fees/subscription	8089025.00		
iii. Income from Royalty/publication	869646.00		
iv. Others (incl. profit on asset sold)	1109860.00		
<b>6. Other Receipts</b>	<b>400000.00</b>	<b>5. Advance &amp; Receivable (net)</b>	<b>6527693.00</b>
i. EPS investments	400000.00	Advances and other amount receivable	6527693.00
7. Other source	6099766.00	6. Closing Balance	65849868.00
i. Replacement of fishing vessels	4162819.00	i. Cash in Hand	81996.00
ii. Interest from adv. to employees	1469583.00	ii. Bank Balance: in Current Account	65767872.00
iii. FD Contributory Pension	467364.00		
8. Prior Period Adjustment	3619302.00		
9. Other Current Liabilities	14054606.00		
<b>TOTAL</b>	<b>1413054655.00</b>	<b>TOTAL</b>	<b>1413054655.00</b>

CHIEF ACCOUNTS OFFICER

SECRETARY

CHAIRMAN



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

	(Amount - ₹)		
	Current year (2011-12)	Previous year (2010-11)	
<b>SCHEDULE 1 - CORPUS/CAPITAL FUND:</b>			
Balance as at the beginning of the year	123313761	118950318	118950318
Add: Contributions towards Corpus/Capital Fund	13830298	10643716	10643716
Add/Less: Excess of income over expenditure	19178545	(6280273)	(6280273)
<b>BALANCE AS AT THE YEAR - END</b>	<b>156322604</b>	<b>123313761</b>	
<b>SCHEDULE 2- RESERVES AND SURPLUS:</b>			
1. Capital Reserve:			
As per last Account			
Addition during the year			
Less: Deductions during the year			
2. Revaluation Reserve:			
As per last Account			
Addition during the year			
Less: Deductions during the year			
3. Special Reserves:			
As per last Account			
Addition during the year			
Less: Deductions during the year			
4. General Reserves:			
As per last Account			
Addition during the year			
Less: Deductions during the year			
<b>TOTAL</b>			



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

(Amount - ₹)

	Current year (2011-12)	Previous year (2010-11)
<b>SCHEDULE 3 - EARMARKED/ENDOWMENT FUND (Annexure - 1)</b>		
a) Opening balance of the funds	239912474	417677732
b) Additions to the Funds:		
i. Donations/grants	136673803	52866324
ii. Income from Investments made on account of funds	8907619	9934772
iii. Other additions (specify nature)	35834061	44866686
<b>TOTAL (a+b)</b>	<b>421327957</b>	<b>525345514</b>
c) Utilisation/Expenditure towards objectives of funds		
i. Capital Expenditure		
- Fixed Assets		21932995
- Others	84396095	21932995
<b>Total</b>	<b>84396095</b>	
ii. Revenue Expenditure		
- Salaries, Wages and allowances etc.	865371	834533
- Rent	0	0
- Other Administrative expenses	15970914	16187244
- Refund	57802295	33725881
- Others (EPS)		212752387
<b>Total</b>	<b>74638580</b>	<b>263500045</b>
<b>TOTAL ( c )</b>	<b>159034675</b>	<b>285433040</b>
<b>NET BALANCE AS AT THE YEAR-END (a+b-c)</b>	<b>262293282</b>	<b>239912474</b>



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

	(Amount - ₹)	
	Current Year (2011-12)	Previous year (2010-11)
<b>SCHEDULE 4 - SECURED LOANS AND BORROWINGS:</b>		
1. Central Government		
2. State Government (Specify)		
3. Financial Institutions		
a) Term Loans		
b) Interest accrued and due		
4. Banks:		
a) Term Loans		
- Interest accrued and due		
b) Other loans (specify)		
- Interest accrued and due		
5. Other Institutions and Agencies		
6. Debentures and Bonds		
7. Others (Specify)		
<b>TOTAL</b>		

Note: Amounts due within one year



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

	(Amount - ₹)	
	Current Year (2011-12)	Previous year (2010-11)
<b>SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS:</b>		
1. Central Government		
2. State Government (Specify)		
3. Financial Institutions		
4. Banks:		
a) Term Loans		
b) Other loans (specify)		
5. Other Institutions and Agencies		
6. Debentures and Bonds		
7. Fixed Deposits		
8. Others (Specify)		
<b>TOTAL</b>		
Note: Amounts due within one year		
<b>SCHEDULE 6 - DEFERRED CREDIT LIABILITIES:</b>		
a) Acceptances secured by hypothecation of capital equipment and other assets		
b) Others		
<b>TOTAL</b>		
Note: Amounts due within one year		



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

(Amount - ₹)

	Current Year (2011-12)	Previous Year (2010-11)
<b>SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS:</b>		
<b>A. CURRENT LIABILITIES</b>		
1. Acceptances		
2. Sundry Creditors:		
a) For Goods		
b) Others		
3. Advances Received (Annexure - 2)	8207546	2704542
4. Interest accrued but not due on:		
a) Secured Loans/borrowings		
b) Unsecured Loans/borrowings		
5. Statutory Liabilities:		
a) Overdue		
b) Others (Annexure - 3)	6661752	5358629
6. Other current Liabilities (Annexure - 4)	21237381	13988902
7. Others (EPS)		212752387
<b>TOTAL (A)</b>	<b>36106679</b>	<b>234804460</b>
<b>B. PROVISIONS</b>		
1. Gratuity	119778115	111514149
2. Superannuation/Pension	819195857	720881867
3. Accumulated Leave Encashment	59907441	51806703
4. Trade Warranties/Claims		
5. Others (Specify)		
<b>TOTAL (B)</b>	<b>998881413</b>	<b>884202719</b>
<b>TOTAL (A + B)</b>	<b>1034988092</b>	<b>1119007179</b>



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

#### SCHEDULE 8

GROUP	DESCRIPTION	GROSS BLOCK			Rate	DEPRECIATION			NET BLOCK	
		Cost/Valuation as at beginning of the year	Additions during the year	Deductions during the year		As at the beginning of the year	During the year	On Deduction during the year upto the year end	As at the current year-end	As at the previous year-end
1	BOOKS	1774687	163287	4542	10	1075733	77760	4542	784481	698954
2	BUILDINGS	25831823	2273298	0	5	14108383	588466	0	13408272	11723440
3	COMPUTERS/PERIPHERALS	24356561	3198338	317547	60	21329924	1523226	307501	4691703	3026637
4	FURNITURE AND FIXTURES (MOVABLE)	20372721	308352	456609	10	7839653	727912	357226	12014125	12533068
5	HATCHERY COMPLEX VALARPADOM	10143895	158828	0	5	5785196	218130	0	4299397	4358699
6	HATCHERY EQUIPMENT VALLARPADOM	30200	0	0	25	28504	186	0	1510	1696
7	LAB AND FARM EQUIPMENTS	220552280	5693849	43640	25	162923529	15174859	30083	48134184	57628751
8	LAND	1968738	544500	0	0	0	0	0	2513238	1968738
9	OFFICE VEHICLE	4956261	3800	1340	25	3682467	243512	1289	1034031	1273794
10	OTHER ASSETS	2948401	574085	77741	25	2231004	219719	64480	1058502	717397
11	PLANT MACHINERY & DRY FISH STORAGE	1085246	0	0	10	1030984	0	0	54262	54262
12	OFFICE EQUIPMENTS	8877973	364926	422929	20	7078954	381378	373449	1733087	1799019
13	FIXTURES (IMMOVABLE)	24346750	547035	87151	20	12747128	2382883	80228	9756851	11599622
	TOTAL Current Year	347245536	13830298	1411499		239861459	21538031	1218798	99483643	107384077
	Previous year	342737515	11117417	6609396		218262205	28016199	6416945	124475310	111982070
	Work in progress:	₹ 34820824								



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

(Amount - ₹)

	Current Year (2011-12)	Previous Year (2010-11)
<b>SCHEDULE 9 - INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS</b>		
1. In Government Securities		
2. Other approved Securities		
3. Shares (Annexure - 5)	55090700	55490700
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures	25000000	25000000
6. Others (to be specified) (Annexure - 6)	143259887	155081038
<b>TOTAL</b>	<b>223350587</b>	<b>235571738</b>

	Current Year	Previous Year
<b>SCHEDULE 10 - INVESTMENTS - OTHERS</b>		
1. In Government Securities		
2. Other approved Securities		
3. Shares		
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures		
6. Others (to be specified)		
<b>TOTAL</b>		

### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

(Amount - ₹)

	Current Year (2011-12)	Previous year (2010-11)
<b>SCHEDULE 11 - CURRENT ASSETS, LOANS, ADVANCES, ETC.</b>		
<b>A. CURRENT ASSETS:</b>		
1. Inventories:		
a) Stores and Spares	7146657	981709
b) Loose Tools		
c) Stock-in-trade		
Finished Goods		981709
Work-in-progress		
Raw Materials		
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding six months		
b) Others - Doubtful debts (EPS)	212752387	212752387
3. Cash balances in hand (including cheques/drafts and imprest) (Annexure - 7)	81996	38175
4. Bank Balances:		
a) With Scheduled Banks:		
- On Current Accounts (Annexure - 8)	65767872	16402530
- On Deposit Accounts (includes margin money)		
- On Savings Accounts		
b) With non-Scheduled Banks		
- On Current Accounts		
- On Deposit Accounts		
- On Savings Accounts		
5. Post Office-Savings Accounts		
<b>TOTAL (A)</b>	<b>72996525</b>	<b>230174801</b>



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2012

	(Amount - ₹)	
	Current Year (2011-12)	Previous year (2010-11)
<b>SCHEDULE 11 - CURRENT ASSETS, LOANS, ADVANCES, ETC. (Contd.)</b>		
<b>B. LOANS, ADVANCES AND OTHER ASSETS</b>		
1. Loans:		
a) Staff (Annexure - 9)	6559252	4895579
b) Other Entities engaged in activities/objectives similar to that of the Entity	6559252	4895579
c) Other (specify)		4895579
2. Advances and other amounts recoverable in cash or in kind or for value to be received		
a) On Capital Account	1441180	1151758
b) Prepayments		1151758
c) Others (Annexure - 10)	6692531	6332739
3. Income Accrued:		
a) On Investments from Earmarked/Endowment Funds		
b) On Investments - Others		
c) On Loans and Advances		
d) Others		
(includes income due unrealised ₹.....)		
4. Claims Receivable	9378023	5163217
<b>TOTAL (B)</b>	<b>24070986</b>	<b>17543293</b>
<b>TOTAL (A + B)</b>	<b>97067511</b>	<b>247718094</b>



## FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD / YEAR ENDED 31.03.2012

(Amount - ₹)

	Current Year (2011-12)			Previous Year (2010-11)		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
<b>SCHEDULE 12 - INCOME FROM SALES/SERVICES</b>						
1) Income from Sales						
a) Sale of Finished Goods						
b) Sale of Raw Material						
c) Sale of Scraps (Sale of old items)		569	569		87388	87388
d) Others (Sale of Fish/Prawn)						
2) Income from Services						
a) Labour and Processing Charges						
b) Professional/Consultancy Services			0			
c) Agency Commission and Brokerage						
d) Maintenance Services (Equipment/Property)						
e) Others (Specify) (Lease Rent-Lab BBSR-ELISA LAB)		13205060	13205060		12970409	12970409
<b>TOTAL</b>		<b>13205629</b>	<b>13205629</b>		<b>13057797</b>	<b>13057797</b>

	Current Year (2011-12)			Previous Year (2010-11)		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
<b>SCHEDULE 13 - GRANTS/SUBSIDIES</b>						
(Irrevocable Grants & Subsidies Received)						
1) Central Government	1082878323	46099379	1128977702	887626778	66139757	953766535
2) State Government(s)						
3) Government Agencies						
4) Institutions/Welfare Bodies						
5) International Organisations						
6) Others (Specify) INDIAQUA for truss work			0		3969700	3969700
<b>TOTAL</b>	<b>1082878323</b>	<b>46099379</b>	<b>1128977702</b>	<b>887626778</b>	<b>70109457</b>	<b>957736235</b>



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD / YEAR ENDED 31.03.2012

	(Amount - ₹)			
	Current Year (2011-12)		Previous Year (2010-11)	
	PLAN	NON PLAN	PLAN	NON PLAN
<b>SCHEDULE 14 - FEES/SUBSCRIPTIONS</b>				
1) Entrance Fees				
2) Annual Fees/Subscriptions (Annexure-11)		73200		70250
3) Seminar/Program Fees (Annexure-12)		8015825		7177247
4) Consultancy Fees				
5) Others (Specify)				
<b>TOTAL</b>		<b>8089025</b>		<b>7247497</b>

Note: Accounting Policies towards each item are to be disclosed

	Investment from Earmarked Fund		Investment - Others	
	Current Year		Current Year	
	(2011-12)	(2010-11)	(2011-12)	(2011-12)
<b>SCHEDULE 15 - INCOME FROM INVESTMENTS</b>				
(Income on Invest. from Earmarked/Endowment Funds transferred to Funds)				
1) Interest				
a) On Govt. Securities				
b) Other Bonds/Debentures				
2) Dividends:				
a) On Shares				
b) On Mutual Fund Securities				
3) Rents				
4) Others (Specify)				
<b>TOTAL</b>				
<b>TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS</b>				

### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD / YEAR ENDED 31.03.2012

(Amount - ₹)

	Current year (2011-12)		Previous Year (2010-11)	
	PLAN	NON PLAN	PLAN	NON PLAN
<b>TOTAL</b>				
1) Income from Royalty				
2) Income from Publications (Annexure - 13)		546421		426513
3) Others (Specify)(Annexure - 14)		323225		426275
<b>TOTAL</b>		<b>869646</b>		<b>852788</b>

#### SCHEDULE 16 - INCOME FROM ROYALTY, PUBLICATION ETC.

	Current year (2011-12)		Previous Year (2010-11)	
	PLAN	NON PLAN	PLAN	NON PLAN
<b>TOTAL</b>				
1) On Term Deposits	10538114		7314883	
a) With Scheduled Banks				
b) With Non-Scheduled Banks				
c) With Institutions				
d) Others				
2) On Savings Accounts:				
a) With Scheduled Banks				
b) With Non-Scheduled Banks				
c) Post Office Savings Accounts				
d) Others				
3) On Loans				
a) Employees/Staff (Annexure - 15)		1469583		1632673
b) Others				
4) Interest on Debtors and Other Receivables				
<b>TOTAL</b>	<b>10538114</b>	<b>1469583</b>	<b>7314883</b>	<b>1632673</b>

#### SCHEDULE 17 - INTEREST EARNED

	Current year (2011-12)		Previous Year (2010-11)	
	PLAN	NON PLAN	PLAN	NON PLAN
<b>TOTAL</b>				
1) On Term Deposits	10538114		7314883	
a) With Scheduled Banks				
b) With Non-Scheduled Banks				
c) With Institutions				
d) Others				
2) On Savings Accounts:				
a) With Scheduled Banks				
b) With Non-Scheduled Banks				
c) Post Office Savings Accounts				
d) Others				
3) On Loans				
a) Employees/Staff (Annexure - 15)		1469583		1632673
b) Others				
4) Interest on Debtors and Other Receivables				
<b>TOTAL</b>	<b>10538114</b>	<b>1469583</b>	<b>7314883</b>	<b>1632673</b>



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD / YEAR ENDED 31.03.2012

(Amount - ₹)

SCHEDULE 18 - OTHER INCOME	Current Year (2011-12)		Previous Year (2010-11)	
	PLAN	NON PLAN	PLAN	NON PLAN
1) Profit on Sale/disposal of Assets				
a) Owned assets		(73830)		374257
b) Assets acquired out of grants, or received free of cost				
2) Export Incentives realized				
3) Fees for Miscellaneous Services				
4) Miscellaneous Income		1183690		2323498
<b>TOTAL</b>		<b>1109860</b>		<b>2697755</b>

### SCHEDULE 19 - INCREASE/ (DECREASE) IN STOCK OF FINISHED GOODS & WORK IN -PROGRESS

	Current Year (2011-12)		Previous Year (2010-11)	
	PLAN	NON PLAN	PLAN	NON PLAN
a) Closing stock				
- Finished Goods				
- Work-in-progress				
b) Less: Opening Stock				
- Finished Goods				
- Work-in-progress				

### NET INCREASE/(DECREASE) (a-b)

SCHEDULE 20 - ESTABLISHMENT EXPENSES	Current Year (2011-12)		Previous Year (2010-11)	
	PLAN	NON PLAN	PLAN	NON PLAN
a) Salaries and Wages	134950631	30049890	122578664	30238300
b) Allowances and Bonus	2458308	276420	1771675	699085
c) Contribution to Provident Fund	0	0	0	2470760
d) Contribution to Other Fund (DCPS Contribution)		1616209		1090583
e) Staff Welfare Expenses	83072	201119	42879	107138
f) Expenses on Employees' Retirement and Terminal Benefits	23854463	39382223	19108340	33614682
g) Provision for Retirement Benefits				52723022
h) Others (specify)				
<b>TOTAL</b>	<b>161346474</b>	<b>71525861</b>	<b>143501558</b>	<b>65749788</b>



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD / YEAR ENDED 31.03.2012

SCHEDULE 21 - OTHER ADMINISTRATIVE EXPENSES ETC.	CURRENT YEAR (2011-12)				Previous YEAR (2010-11)	
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
	(Amount - ₹)					
a) Purchases	0		0	0	0	0
b) Labour and processing expenses	0		0	0	0	0
c) Cartage and Carriage Inwards	0		0	0	0	0
d) Electricity and Power	3765497	1416065	5181562	2756686	1704500	4461186
e) Water charges	0		0	0	0	0
f) Insurance	2067090	34335	2101425	1783401	28676	1812077
g) Repairs and maintenance	3570786	1035163	4605949	3859283	2701686	6560969
h) Excise Duty	0		0	0	0	0
i) Rent, Rates and Taxes	21781338	0	21781338	18950288	0	18950288
j) Vehicles Running and Maintenance	1025205	400838	1426043	965321	257474	1222795
k) P&T, Communication Charges, Printing & Stationary	785550	927051	1712601	6063202	1482295	7545497
m) Travelling and Conveyance Expenses	21271147	1232961	22504108	12927415	2195262	15122677
n) Expenses on Seminar/Workshops	0		0	0	0	0
o) Subscription Expenses	0		0	0	0	0
p) Expenses on Fees	0		0	0	0	0
q) Auditors Remuneration	0	(641620)	(641620)	0	902100	902100
r) Hospitality Expenses (Entertainment)	21828	30578	52406	489862	23273	513135
s) Professional Charges (Legal)	144265	331091	475356	259290	421684	680974
t) Provision for Bad and Doubtful Debts/Advances			0	0	0	0
u) Irrecoverable Balances Written-off			0	0	0	0
v) Packing Charges			0	0	0	0
w) Freight and Forwarding Expenses			0	0	0	0
x) Distribution Expenses			0	0	0	0
y) Advertisement and Publicity	0	85822	85822	0	0	0
z) Others (Annexure - 16)	25729905	4815721	30545626	21221474	7903954	29125428
<b>TOTAL</b>	<b>80162611</b>	<b>9668005</b>	<b>89830616</b>	<b>69276222</b>	<b>17620904</b>	<b>86897126</b>



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31.03.2012

SCHEDULE 22 - EXPENDITURE ON GRANTS, SUBSIDIES ETC.		(Amount - ₹)				Previous Year (2010-11)			
		Current Year (2011-12)		Previous Year (2010-11)		PLAN		NON PLAN	
		PLAN	NON PLAN	TOTAL	TOTAL	PLAN	NON PLAN	TOTAL	TOTAL
a)	Grants given to Institutions/Organisations (Annexure - 17)	190000000	0	190000000	323300000	0	0	323300000	323300000
b)	Subsidies given to Institutions/Organisations (Annexure - 18)	526579397	0	526579397	293340035	0	0	293340035	293340035
c)	Others (Annexure-19)	87879937	0	87879937	56135118	0	0	56135118	56135118
	<b>TOTAL</b>	<b>804459334</b>	<b>0</b>	<b>804459334</b>	<b>672775153</b>	<b>0</b>	<b>0</b>	<b>672775153</b>	<b>672775153</b>

Note: Name of the Entities, their Activities along with the amount of Grants/Subsidies are to be disclosed

SCHEDULE 23 - INTEREST		Current Year (2011-12)				Previous Year (2010-11)			
		Current Year (2011-12)		Previous Year (2010-11)		PLAN		NON PLAN	
		PLAN	NON PLAN	TOTAL	TOTAL	PLAN	NON PLAN	TOTAL	TOTAL
a)	On Fixed Loans								
b)	On other Loans (including Bank Charges)								
c)	Others (specify)								
	<b>TOTAL</b>								



### FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31.03.2012

#### SCHEDULE 24 - SIGNIFICANT ACCOUNTING POLICIES (Illustrative)

##### 1. ACCOUNTING CONVENTION

The Authority follows accrual basis of accounting in the preparation of Income and Expenditure and Balance Sheet from the year 2007-08. The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting. All departmental incomes (IEBR) received by the Authority except the interest earned on short term deposits of plan fund are taken under Non Plan.

##### 2. INVENTORY VALUATION

2.1. Stores and Spares (including machinery spares) are valued at cost - N.A

2.2. Raw materials, semi-finished goods and finished goods are valued at lower of cost and net realizable value. The costs are based on weighted average cost. Cost of finished goods and semi-finished goods is determined by considering material, labour and related overhead - N.A

##### 3. INVESTMENTS

3.1. Investments classified as "long term investments" are carried at cost. Provision for decline, other than temporary, is made in carrying cost of such investments - N.A

3.2. Investments classified as "Current" are carried at lower cost and fair value. Provision for shortfall on the value of such investments is made for each investment considered individually and not on a global basis.

3.3. Cost includes acquisition expenses like brokerage, transfer stamps.

##### 4. EXCISE DUTY

Liability for excise duty in respect of goods produced by the entity, other than for exports, is accounted upon completion of manufacture and provision is made for excisable manufactured goods as at the year-end.

##### 5. FIXED ASSETS

5.1. Fixed Assets are stated at cost of acquisition inclusive of inward freight, duties and taxes and incidental and direct expenses related to acquisition. In respect of projects involving construction, related pre-operational expenses (including interest on loans for specific project prior to its completion), form part of the value of the assets capitalized.

5.2. Fixed Assets received by way of non-monetary grants, (other than towards the Corpus Fund), are capitalized at values stated, by corresponding credit to Capital Reserve

##### 6. DEPRECIATION

6.1. Depreciation is provided on Written Down Value (WDV) method except depreciation on cost adjustments arising on account of conversion of foreign currency liabilities for acquisition of fixed assets, which is amortized over the residual life of the respective assets.



**FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)**

**Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31.03.2012**

**SCHEDULE 24 - SIGNIFICANT ACCOUNTING POLICIES (Illustrative) - Contd...**

6.2. In respect of additions to/deductions from fixed assets during the year, depreciation is considered on pro-rata basis.

6.3. Depreciation is provided on WDV basis upto 95% of the original cost of assets and thereafter retained at book value without any further depreciation.

**7. MISCELLANEOUS EXPENDITURE**

Under this head provision for employees retirement and terminal benefits have been made.

**8. ACCOUNTING FOR SALES**

Sales include excise duty and are net of sales returns, rebate and trade discount - N.A

**9. GOVERNMENT GRANTS/SUBSIDIES**

9.1. Government grants of the nature of contribution towards capital cost of setting up projects are treated as Capital Reserve.

9.2. Grants in respects of specific fixed assets acquired are shown as a deduction from the cost of the related assets.

9.3. Government grants/subsidy are accounted on realization basis - N.A

**10. FOREIGN CURRENCY TRANSACTIONS**

10.1. Transactions denominated in foreign currency are accounted at the exchange rate prevailing at the date of the transaction.

10.2. Current assets, foreign currency loans and current liabilities are converted at the exchange rate prevailing as at the year end and the resultant gain/ loss is adjusted to cost of fixed assets, if the foreign currency liability relates to fixed assets and in other cases is considered to revenue.

**11. LEASE**

Lease rentals are expensed with reference to lease terms

**12. RETIREMENT BENEFITS**

12.1 & 12.2 Every year budget provision is made under non plan for the retirement benefits like gratuity, leave encashment, pension commutation, pension etc. and the expenditure is met from this. During the year, the liability existing as on 31.03.2012 have been valued on actuarial basis and the liability provided in the accounts. There is no separate reserve fund for retirement/terminal benefits. The liability on gratuity etc. are not accrued for the current year and hence not charged under Income and Expenditure Account. The commitments are subjected to release of funds by the Government towards the specific purposes.

**CHIEF ACCOUNTS OFFICER****SECRETARY****CHAIRMAN**



## FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31.03.2012

### SCHEDULE 25 - CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS (Illustrative)

#### 1. CONTINGENT LIABILITIES

1.1. Claims against the Entity not acknowledged as debts - ₹ ..... - ..... (Previous year ₹ ..... - .....)

1.2. In respect of:

- Bank guarantees given by/on behalf of the Entity - ₹ ..... - ..... (Previous year ₹ ..... - .....)

- Letters of Credit opened by Bank on behalf of the Entity ₹ ..... - ..... (Previous year ₹ ..... - .....)

- Bills discounted with banks ₹ ..... - ..... (Previous year ₹ ..... - .....)

1.3. Disputed demands in respect of

Income tax ₹ ..... - ..... (Previous year ₹ ..... - .....)

Sales-tax ₹ ..... - ..... (Previous year ₹ ..... - .....)

Municipal Taxes ₹ ..... - ..... (Previous year ₹ ..... - .....)

1.4. In respect of claims from parties on non execution of orders but contested by the entity - N.A

#### 2. CAPITAL COMMITMENTS

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances)  
₹ ..... - ..... (Previous year ₹ ..... - .....)

#### 3. LEASE OBLIGATIONS

Future obligations for rentals under finance lease arrangements for plant and machinery amount to  
₹ ..... - ..... (Previous year ₹ ..... - .....)

#### 4. CURRENT ASSETS, LOANS AND ADVANCES

In the opinion of the Management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregated amount shown in the Balance Sheet.

#### 5. TAXATION

In view of there being no taxable income under Income-Tax Act, 1961, no provision for Income tax has been considered necessary.





## FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity : THE MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY, KOCHI - 36  
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31.03.2012

## SCHEDULE 25 - CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS (Illustrative) - Contd.

6. FOREIGN CURRENCY TRANSACTIONS	Current Year (2011-12)	Previous year (2010-11)
6.1. Value of Imports Calculated on C.I.F.Basis:		
- Purchase of finished Goods		
- Raw Materials & Components (Including in transit)		
- Capital Goods		
- Stores, Spares and Consumables		
6.2. Expenditure in foreign currency		
a) Travel(per diem allowance)	US \$ 35989	US \$ 8279
b) Remittances and Interest payment to Financial Institutions/ Banks in Foreign Currency		
c) Other expenditure:	US \$ 2128201	US\$ 1241044
- Commission on Sales		
- Legal and Professional Expenses		
- Miscellaneous Expenses		
6.3. Earnings:		
Value of Exports on FOB basis - N.A		
6.4. Remuneration to auditors: - N.A		
As Auditors		
- Taxation matters		
- For Management services		
- For certification		
Others		

Corresponding figures for the previous year have been regrouped/rearranged, wherever necessary

Schedule 1 to 25 are annexed to and forming an integral part of the Balance Sheet as at 31.03.2012 and the Income Expenditure Account for the year ended on that date.



CHIEF ACCOUNTS OFFICER



SECRETARY



CHAIRMAN





NOTES ATTACHED TO AND FORMING PART OF THE ACCOUNTS  
OF MARINE PRODUCTS EXPORT DEVELOPMENT AUTHORITY (MPEDA)  
FOR THE YEAR 2011-2012

1. CAPITAL FUND

Balance of the fund as on 01.04.2011 was ₹ 12,33,13,761.00. Entire source of fund was the allocation received from Central Government. Excess of income over expenditure for the year is ₹ 1,91,78,545.00. Fund received during the year as grants for acquisition of fixed assets under Plan and Non-Plan, has not been considered as earmarked funds for specific usage since it is not fund meant for any specific asset but is fund of capital nature for acquisition of assets from general fund of MPEDA. Such Grants utilized for acquisition of assets (₹ 13,830,298.00) has been added to the Capital Fund.

2. The Organization has not created any capital reserves/revaluation reserves during the year. There is no General reserve created/appropriated.

3. During the year earmarked funds existing are viz.,

(a) Critical Infrastructure fund

The fund was received in 1998-1999 from MOC as grant- in- Aid. No receipt to the fund were made during the year. The fund was invested in shares of the Joint venture company (MIDCON). Income received during the year was NIL. No fund utilization was made during the year. Balance in the fund account as on 31.03.2012 is ₹ 2,50,00,000.00.

(b) Equity Participation Scheme

Balance in the fund account as on 01.04.2011 was ₹ 8,75,76,592 .00, which included equity amount as well as interest. No utilization has been made from fund during 2011-2012. The share value has been taken at cost for ₹ 5,50,90,700.00. The balance in the Investment account as on 31.03.2012 is ₹ 3,24,26,326.00. Received ₹ 4,00,000.00 from one of the party which is adjusted with cost price of the shares. As the provision for increase in share value as per the arbitration awards were removed from the accounts in previous year the amount received from M/s Oceanic Enterprises Ltd. were adjusted with the share amount.

The share value has been taken at cost for ₹ 5,50,90,700.00.

The Authority has constituted a Committee for devising a solution for the settlement of dues under EPS.

In all the eleven cases where the buyback of shares were made, we received the full amount. Further in all the cases where arbitration award were made, all are in favour of MPEDA. In view of the above no provision for doubtful debts is made during the year 2011-12. The issue is under review.

(c) ASIDE Fund

Balance in the fund account on 01.04.2011 was ₹ 1,42,11,818.00. Fund received during the year from Government was ₹ 88,34,803.00. Income from investments for the year was ₹ 3,32,762.00. The amount utilized during the year was ₹ 2,33,79,383.00. Balance in the fund account as on 31.03.2012 is Nil.

(d) GPF Fund

The balance in the fund account as on 01.04.2011 was ₹ 10,01,67,203.00. The fund represents the accumulated contribution by employees and interest thereon. The total contribution by way of



subscription and loan repayment aggregated to ₹ 3,58,34,061.00. Interest received for the year was ₹ 81,61,586.00. Accordingly total utilization for the year was ₹ 3,72,52,295.00. The balance in the fund account on 31.03.2012 is ₹ 10,13,03,925.00

(e) **Fund for Replacement of Fishing Vessels held in Captivity in Pakistan (MOA)**

Balance under this as on 01.04.2011 was ₹ 83,62,819.00. Fund received for the scheme during the financial year was ₹ 3,50,00,000.00. Under this scheme capital subsidy of 30% cost of each vessel subject to a ceiling of ₹ 6,00,000.00 will be provided to each vessel owner for replacement of fishing vessels seized in Pakistan. The amount utilized during the year was ₹ 17,40,00,000.00. Income from investment from the fund for the year was ₹ 72,837.00. Balance in the fund as on 31.03.2012 is ₹ 2,60,35,656.00.

(f) **Other Funds**

i. **UNCTAD FUND**

Balance under UNCTAD Fund as on 01.04.2011 was ₹ 1,34,045.00. Fund received during the year and the amount utilized during the year was Nil. The balance as on 31.03.2012 is ₹ 1,34,045.00.

ii. **MPRNL FUND**

Balance under MPRNL fund as on 01.04.2011 was ₹ 14,85,081.00 Fund received during the year was ₹ 8,14,000.00. An amount of ₹ 15,21,558.00 was utilized during the year and balance as on 31.03.2012 is ₹ 7,94,974.00.

iii. **Prime Minister's National Relief FUND (MOA)**

Fund received during the year 2011-12 was ₹ 4,30,00,000.00. The amount was fully utilized during the year. Balance as on 31.03.2012 is NIL.

iv. **NFDB FUND (OFD)**

The Balance fund as on 01.04.2011 was ₹ 29,74,916.00. A sum of ₹ 4,07,25,000.00 was received from NFDB during 2011-12 for setting up of ornamental fish breeding units. Utilization during 2011-12 was ₹ 1,56,79,888.00. A sum of ₹ 2,05,50,000.00 was refunded to Ministry during the year 2011-12. The Balance under this fund as on 31.03.2012 is ₹ 74,70,028.00.

v. **NFDB FUND (AQ Insurance)**

A sum of ₹ 83,00,000.00 was received from NFDB for Aquaculture Insurance. Utilization during 2011-12 was ₹ 2,69,002.00. The Balance under this fund as on 31.03.2012 is ₹ 80,30,998.00.

**4. Fixed Assets**

- (a) Fixed Assets are recorded in the books of Accounts at its cost of acquisition together with expenditure incurred incidental or ancillary to acquisition or construction. Depreciation has been charged in the Accounts under Written Down Value (WDV) method. Depreciation has been provided proportionately on assets from the date of its acquisition. Rate of depreciation is fixed by the organizations and charged under WDV basis based on the expected utilization/life time of the fixed assets.
- (b) During the year old assets disposed off realized ₹ 1,18,871.00. Book value of disposed assets as on the date of disposal was ₹ 1,92,701.00.





- (c) Capital work in progress (included in Schedule-8) for the year ended 31.03.2012 is ₹ 3,48,20,824.00 (Previous year ₹ 73,56,786.00). This amount represents ₹ 34,90,000.00 was paid to CPWD Kochi for flooring work of MPEDA Head Quarters. From the previous advance to CPWD for roofing over roof work of ₹ 39,69,700.00, the total expenditure is ₹ 21,37,582.00 and the balance amount receivable from CPWD is ₹ 18,32,118.00. ₹ 3,15,50,804.00 was booked under Work-in-progress for opening LC to import of Lab equipments and ₹ 1,21,200.00 paid as advance for purchase of 15 KVA Generator set and ₹ 23,62,500.00 was paid as advance for replacing the existing lift to CPWD.
- (d) The fixed asset schedule include the Dry Fish Storage Tuticorin on the leasehold land given by Tamil Nadu Government.

### 5. Earmarked/Endowment Fund Investments-as on 31.03.2012

Break up of Funds and the pattern of Investment is briefly stated below:-

Sl. No.	Fund	₹	Investment	₹
(a)	(i) Critical infrastructure Fund	2,50,00,000.00	Invested in shares of joint venture	2,50,00,000.00
(b)	EPS Fund	87576592	(1) Invested in Equity Shares (including increase in value of shares)	5,54,90,700.00
			(2) EPS Fixed Deposit	
			(3) Current A/cs	3,24,26,326.00
(c)	ASIDE Central Fund	0	Invested in F D	0
(d)	GPF Fund		<b>Investments</b>	
1.	Net Liability as on 31.03.2012	9,15,95,794.00	(1) SBT	7,89,10,792.00
2.	Interest Liability as on 31.03.2012	73,10,716.00	(2) IDBI	1,09,29,314.00
3.	Excess Interest earned on investment than Liability	1,19,27,051.00	(3) KTDFC	1,31,75,596.00
4.	GPF Liability for March 2012	23,97,415.00	(4) SB A/c with SBT	78,17,859.00
			(5) Receivable for March 2012	23,97,415.00
				<b>11,32,30,976.00</b>
(e)	Indian Agriculture Research Fund (MPRNL)	7,94,974.00	Current Account at SBT	7,94,974.00
(f)	Fund for Replacement of Fishing Vessel	2,60,35,656.00	Current Account at SBT	2,60,35,656.00
(g)	UNCTAD	1,34,045.00	Current Account at SBT	1,34,045.00
(h)	NFDB Fund (OFD)	74,70,028.00	Current Account at SBT	74,70,028.00
(i)	NFDB Fund (AQ)	80,30,998.00	Current Account at SBT	80,30,998.00



The balance of funds remaining in the UNCTAD, MPRNL, NFDB and Fund for Replacement of Fishing Vessel funds have not been invested in Fixed Deposits as these are running accounts from which payment of revenue nature have to be made periodically.

**6. Stock and Spares as on 31.03.2012 is ₹ 71,46,657.00 includes:-**

(i) Stock of priced pub forms & Stationary	- ₹ 71,36,851.00
(ii) Stock of Stamp	- ₹ 9,806.00
Total	- ₹ 71,46,657.00

Stock and spares are valued at cost.

7. (a) A sum of ₹ 65,59,252.00 shown outstanding towards loans and advances to staff refers to various advances provided to staff. The recovery of principal is made first. Interest repayment is made only after principal is fully repaid. Interest income is recognized only on receipt basis. No provision is made for receivables for the year as is the normal practice.
- (b) Every year MPEDA makes Budget provision under Non-Plan for meeting Pension and other retirement benefits to the staff for that particular year and the expenditure is met from the funds released by the Ministry under Non-Plan. The same was done during the year 2011-12 also. In addition to this, the retirement benefits payable to employees have been provided on actuarial valuation basis from 2009-10 onwards. During the year 2011-12 a fresh actuarial valuation for the retirement benefits payable to employees as on 31.3.2012 has been made and provisions made in the books of accounts. There is no separate reserve fund for retirement/terminal benefits. The liability on gratuity, leave encashment, superannuation pension etc. is not accrued for the current year and hence not charged under Income & Expenditure Account. The commitments are subjected to release of funds by the Government towards the specific purpose.
8. The stall rentals and registration fee for stalls recovered from the participants (exporters) during the year have been taken under the plan head Trade Fairs (Other Expenses) and thus the total expenditure under other expenses in Annexure 19 is shown the net figure only.
9. The interest earned on fixed deposits other than plan funds are taken under departmental receipts.
10. Till the year 2007-08 all departmental incomes (IEBR) were taken under non-plan. However, since the year 2008-09, the interest earned on short term deposits of plan funds received is taken under plan (IEBR) as per Ministry's orders.
11. The expenditure on grants, subsidies (Schedule 22) does not include plan expenditure on establishment/ administration and acquisition of assets.
12. HACCP Department receipts represent fees collected from participants of training programme on Hazard Analysis Critical Control Programme and other quality control programme. The same is accounted as income in seminar/programme fee receipts in (Annexure-12).
13. DCPS contribution of ₹ 16,16,209.00 (previous year ₹ 10,90,583.00) refers to contribution of the employer to contributory Pension Scheme for the benefit of employees falling under the category. Contribution received as employee's share together with employer's contribution for the period up to 31.03.2012 have already been transferred to the approved Fund Managers (Bank of India, Ernakulam).







14. Grants/ Subsidies
  - (a) An amounts of ₹ 2.00 crore each have been disbursed during the year as assistance to NETFISH and NaCSA. Further, ₹ 15.00 crore was given as Assistance to Rajiv Gandhi Centre for Aquaculture towards Research and Development activity.
  - (b) Total subsidy disbursed for the year is ₹ 52,65,79,397.00 A list showing disbursement is annexed separately vide Annexure-18. Expenditure which were attributable/related to subsidy related activity but could not be directly considered as subsidy assistance have been classified under Annexure 19.
15. The Authority follows accrual basis of accounting in the preparation of Income & Expenditure and Balance Sheet from the year 2007-08.
16. India is a member of the governing council of INFOFISH. India's membership contribution is fixed at US \$ 25,000.00 every year and the payment is made during the last quarter of the year. As this is a one time payment and is a continuing nature, this is not considered as pre-paid expense.
17. Most of the investments were on short term deposits. However, out of the total deposit of ₹ 10,30,15,702.00 of GPF, an amount of ₹ 80.00 lakh is kept for 10 years deposit in May 2005.
18. The figures have been clubbed together wherever necessary.

CHIEF ACCOUNTS OFFICER

SECRETARY

CHAIRMAN



### Annexure - 1 - Earmarked / Endowment funds

	Critical Infr. structure Fund	EPS Fund	ASIDE Central Fund	GPF FUND	Fund for replacement of Fishing Vessel	Indian Agri. Research Fund (MPRNL)	Others (UNCTAD)	National Fisheries Board Fund (OFD)	National Fisheries Board Fund (AQ Insurance)	PMNRF FUND	TOTAL
a) Opening balance of the funds	25000000	87576592	14211818	100167203	8362819	1485081	134045	2974916	0	0	239912474
b) Additions to the funds											
(i) Donations / grants	0		8834803		35000000	814000	0	40725000	8300000	43000000	136673803
(ii) Income from investment made out of funds	0	340434	332762	8161586	72837	0	0				8907619
(iii) Other additions	0	0		35834061	0	0	0				35834061
<b>TOTAL (a)+(b)</b>	<b>25000000</b>	<b>87917026</b>	<b>23379383</b>	<b>144162850</b>	<b>43435656</b>	<b>2299081</b>	<b>134045</b>	<b>43699916</b>	<b>8300000</b>	<b>43000000</b>	<b>421327957</b>
c) Utilisation / Expenditure towards objectives of funds											
I. Capital Expenditure											
- Fixed Assets	0	0		0	0	0	0				0
- Others	0	0	23379383	0	17400000	616712	0			43000000	84396095
<b>Total</b>	<b>0</b>	<b>0</b>	<b>23379383</b>	<b>0</b>	<b>17400000</b>	<b>616712</b>	<b>0</b>			<b>43000000</b>	<b>84396095</b>
ii. Revenue Expenditure											
- Salaries, Wages and allowances etc						865371	0				865371
- Rent	0	0	0	0	0	0	0				0
- Other Administrative Expenses						22024	0	15679888	269002		15970914
- Refund/provisions			0	37252295				20550000			57802295
Others - (EPS)											0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37252295</b>	<b>0</b>	<b>887395</b>	<b>0</b>	<b>36229888</b>	<b>269002</b>	<b>0</b>	<b>74638580</b>
<b>TOTAL (c)</b>	<b>0</b>	<b>0</b>	<b>23379383</b>	<b>37252295</b>	<b>17400000</b>	<b>1504107</b>	<b>0</b>	<b>36229888</b>	<b>269002</b>	<b>43000000</b>	<b>159034675</b>
<b>NET BALANCE AS AT THE YEAR - END (a) + (b) - (c)</b>	<b>25000000</b>	<b>87917026</b>	<b>0</b>	<b>106910555</b>	<b>26035656</b>	<b>794974</b>	<b>134045</b>	<b>7470028</b>	<b>8030998</b>	<b>0</b>	<b>262293282</b>



### Annexure - 2 - Annexures to Schedules

Advances Received	31.03.2012	31.03.2011
EMD HO	6814406	1552142
EMD RO Kochi	1630	
Security Deposit HO	1391510	1152400
<b>TOTAL</b>	<b>8207546</b>	<b>2704542</b>

### Annexure - 3

Statutory Liabilities	31.03.2012	31.03.2011
CGIS / LIC on Deputaion	24925	240
DCPS. Contributory PF Recovery	2549570	2122154
GIS Group Insurance Scheme	24740	21885
GPF Subscription Deputation	51300	10300
GPF Loan Recovery on Deputation	12265	2700
Income Tax	137500	161000
Professional tax (other than salary recovery)	7696	
Leave Salary & Pension	3853756	3040350
<b>TOTAL</b>	<b>6661752</b>	<b>5358629</b>

### Annexure - 4

Other Current Liabilities	31.03.2012	31.03.2011
Court attachment	5398	5397
Credit Society	1524879	1378887
HDFC	2917	2917
LIC	245850	232808
MCA on deputation	4450	1900
MPEDA Consumer Society	1800	1800
MPEDA Employees welfare Fund	229984	222470
Salary payable	2284455	6520956
Staff Club Subscription	9850	1572
Urban Cooperative Society	67492	97544
Outstanding expenses	3162159	2658400
HBA on deputation	12000	10000
HRD	3038	708
Other Recoveries	0	0
Others (Accounts Payable)	13683109	2853543
<b>TOTAL</b>	<b>21237381</b>	<b>13988902</b>



## Annexure - 5

EPS - Equity Participation Fund Investment	31.03.2012	31.03.2011
EPS Investment in Equity shares at cost		
Andaman Fisheries, Port Blair	330000	330000
Bay Liners, Hyderabad	2700000	2700000
Blue Gold Maritech, Madras	500000	500000
Coromandel Fisheries, Hyderabad	2475000	2475000
DCL Maritech, Hyderabad	3500000	3500000
Fishing Falcons Ltd, Hyderabad	4900000	4900000
Indo Aquatics, Hyderabad	3600000	3600000
Integrated Rubian Exports Ltd	3000000	3000000
Kalyan sea foods, Hyderabad	3448000	3448000
King International Aqua Marine, Kollam	5000000	5000000
Koluthara Exports, Kochi	290000	290000
Lakshadeep Shilpi Aqua, Kochi	3000000	3000000
Oceanic Enterprises, Bhubaneswar	0	400000
Ocean Bounty, Kochi	440000	440000
Sudhesh Sea Foods, Mumbai	3600000	3600000
Summura Maritime Trades, Hyderabad	1207700	1207700
Surya chakra Sea Foods, Hyderabad	2500000	2500000
Suvarna Aqua Farms, Hyderabad	5000000	5000000
Technomin Aqua Exports, Vijayawada	1600000	1600000
Thirumala Fuji Tech, Hyderabad	5000000	5000000
Vijaya Shrimp Farm, Hyderabad	2500000	2500000
Samudira Marine Farms	500000	500000
<b>Sub Total</b>	<b>55090700</b>	<b>55490700</b>
Increase in value of shares as per financial collaboration agreement		0
<b>TOTAL</b>	<b>55090700</b>	<b>55490700</b>

## Annexure - 6

Others	31.03.2012	31.03.2011
EPS Fixed Deposit	32426326	32085892
FD Contributory Pension	0	467364
FD ASIDE Central	0	14211818
Replacement of fishing vessels investment	0	4162819
FD GPF	103015702	99180827
SB A/C GPF	7817859	4972318
<b>TOTAL</b>	<b>143259887</b>	<b>155081038</b>





### Annexure - 7 A

Cash Balance		31.03.2012	31.03.2011
Cash	Account (Head office)	2249	25615
RC	Kochi	15861	0
RO	Mumbai		1075
RO	Kolkata	15000	3000
RO	Kochi	39469	0
RO	Veraval	250	0
SRO	Kollam		821
<b>TOTAL</b>		<b>72829</b>	<b>30511</b>

### Annexure - 7 B

Imprest Cash Balance		31.03.2012	31.03.2011
Imprest	Cash Account - HO	641	490
Lab	Bhimavaram	800	470
Lab	Nellore	471	153
RC	Panvel	246	230
RC	Kochi	726	799
RC	Thanjavur	500	500
RC	Valsad	440	213
RC	Vijayawada	33	130
RC	Bhubaneswar	385	196
RO	Mumbai	500	555
RO	Kolkata	270	255
RO	Kochi	1094	520
RO	Chennai	99	140
RO	Veraval	150	128
RO	Vizag	295	425
SRC	Bhimavaram	136	122
SRC	Kolkata	142	275
SRC	Kannur	457	2
SRC	Karwar	46	8
SRO	Guwahati	459	36
SRO	Goa	507	741
SRO	Mangalore	271	0
SRO	Bhubaneswar	70	183
SRO	Kollam	8	270
SRO	Tuticorin	278	680
TPO	New Delhi	143	143
<b>TOTAL</b>		<b>9167</b>	<b>7664</b>
<b>Total of Schedule 7 A+ 7B</b>		<b>81996</b>	<b>38175</b>





### Annexure - 8

Cash at Bank		31.03.2012	31.03.2011
Central Bank of India - Ernakulam		24833	214230
SBT	Panampilly Nagar	50760957	45778
SBI	W. Island - Overseas Branch	87427	87427
Central Bank of India - New Delhi		11058	11058
Lab	Bhimavaram	462973	324255
Lab	Nellore	81381	417885
RC	Panvel	49758	366775
RC	Bhubaneswar	21085	114486
RC	Kochi	12730	55283
RC	Thanjavur	161465	264285
RC	Valsad	118507	374832
RC	Vijayawada	93319	241283
RO	Mumbai	358677	418136
RO	Kolkata	885804	488797
RO	Kochi	108673	271351
RO	Chennai	128670	239915
RO	Veraval	657764	4938244
RO	Vizag	153944	174194
SRC	Bhimavaram	55032	162470
SRC	Kolkata	444167	280860
SRC	Kannur	22691	22345
SRC	Karwar	190365	83369
SRO	Guwahati	96043	4142
SRO	Goa	82574	91967
SRO	Mangalore	109456	194470
SRO	Bhubaneswar	268597	134185
SRO	Kollam	68960	66152
SRO	Tuticorin	80927	232827
TPO	New Delhi	262356	267075
TPO	New York	6552951	1950254
TPO	Tokyo	3354728	3864200
<b>TOTAL</b>		<b>65767872</b>	<b>16402530</b>





### Annexure - 9

Loans, Advances & Other Assets		31.03.2012	31.03.2011
<b>Staff</b>			
Computer	Advance	492230	179690
House Building	Advance	2514751	3575552
Motor Car	Advance	204285	321700
Scooter	Advance	502566	510817
Bicycle	Advance	3475	9475
Festival	Advance	173645	129645
LTC	Advance	2547900	67000
Tour	Advance	62900	67700
Adjustable	Advance	57500	34000
<b>TOTAL</b>		<b>6559252</b>	<b>4895579</b>

### Annexure - 10

Deposits		31.03.2012	31.03.2011
Electricity	Deposit, HO	242992	240590
Electricity	Deposit, RO Mumbai	34080	34080
Electricity	Deposit, TCA Vallarpadom (RC)	164250	164250
Electricity	Deposit, SRC Kannur	212281	212281
Electricity	Deposit, Lab Nellore	44000	44000
Electricity	Deposit, RC Thanjavur	36474	36474
Electricity	Deposit, RC Valsad	94517	94517
Electricity	Deposit, SRO Bhubaneswar	483475	483475
Electricity	Deposit, SRO Mangalore	64659	64659
GAS	Deposit, Vallarpadom (RC)	10900	10900
GAS	Deposit, HO	6523	6523
GAS	Deposit, RO Kochi	3000	3000
GAS	Deposit, RO Vizag	2550	2550
GAS	Deposit, RO Mumbai	5000	5000
GAS	Deposit, SRO Kollam	1500	1500
GAS	Deposit, SRO Bhubaneswar	20000	20000
GAS	Deposit, SRO Tuticorin	1600	1600
GAS	Deposit, RC Thanjavur	10000	10000
GAS	Deposit, SRC Kannur	5000	5000
GAS	Deposit, SRO Mangalore	3550	0





Petrol	Deposit, HO	56160	56160
Petrol	Deposit, RC Kochi	10000	10000
Rent	Deposit, HO	47234	47234
Rent	Deposit, RC/PF, Bhubaneswar	548640	548640
Rent	Deposit, SRO Bhubaneswar	91362	91362
Rent	Deposit, RO, Vizag	180000	180000
Rent	Deposit, RO, Kolkata	110340	110340
Rent	Deposit, RO Chennai	330000	330000
Rent	Deposit, RO Veraval	30000	30000
Rent	Deposit, SRC Karwar	50000	10000
Rent	Deposit, SRO Tuticorin	20000	20000
Rent	Deposit, SRO Goa	36000	36000
Rent	Deposit, TPO New York - OFFICE	457600	457600
Rent	Deposit, TPO Tokyo	1594165	1594165
Rent	Deposit, RC Thanjavur	91200	91200
Rent	Deposit, TPO New Delhi	926884	611884
Rent	Deposit, RC Panvel	151032	151032
Rent	Deposit, RC Vijayawada	52500	52500
Rent	Deposit, RO Kochi	191250	191250
Rent	Deposit, SRO Guwahati	15000	15000
Rent	Deposit, Lab Nellore	136500	136500
Rent	Deposit, RO Mumbai	23352	23352
Telephone	Deposit, RO Veraval	10000	10000
Telephone	Deposit, RO Chennai	3033	3033
Telephone	Deposit, RC Valsad	10619	10619
Telephone	Deposit, SRC Karwar	220	220
Telephone	Deposit, RO Vizag	7632	7632
Telephone	Deposit, HO	21663	22823
Telephone	Deposit, SRC Kannur	4000	4000
Telephone	Deposit, RO Kochi	11030	11030
Telegram	Deposit, HO	26240	26240
Telegram	Deposit, RC Vijayawada	324	324
Telegram	Deposit, Thanjavur	2200	2200
<b>TOTAL</b>		<b>6692531</b>	<b>6332739</b>





### Annexure - 11

Annual fees / Subscription	31.03.2012	31.03.2011
Subscription for MPEDA Newsletter	52200	46850
Subscription for Prime	21000	23400
<b>TOTAL</b>	<b>73200</b>	<b>70250</b>

### Annexure - 12

Seminar / Programme fee	31.03.2012	31.03.2011
Registration/GSP Certificate/Revalidation fee	7412825	6838747
HACCP Department Receipts	598500	280000
I U U Receipts	4500	58500
<b>TOTAL</b>	<b>8015825</b>	<b>7177247</b>

### Annexure - 13

Income from Publications	31.03.2012	31.03.2011
Sale of fishery hand book		61025
Sale of other publication	277230	209420
Advertisement in MPEDA Newsletter	269191	156068
<b>TOTAL</b>	<b>546421</b>	<b>426513</b>

### Annexure - 14

Income from Royalty, Publication etc	31.03.2012	31.03.2011
<b>Others</b>		
Sale of Forms	271775	327900
GSP Forms	51450	98375
<b>TOTAL</b>	<b>323225</b>	<b>426275</b>



## Annexure - 15

Interest earned	31.03.2012	31.03.2011
<b>On Loans to employees</b>		
Bicycle / Fan Advance	4135	0
HBA	1353327	1473275
Motor Car	55024	42190
Interest on Computer Advance	5880	62439
Scooter	51217	54769
<b>TOTAL</b>	<b>1469583</b>	<b>1632673</b>

## Annexure - 16

Other expenses- others	Current year (2011-12)			Previous year (2010-11)		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
Bank Charges	371179	22818	393997	39746	6300	46046
Hindi Implementation	0	882669	882669	0	677279	677279
Misc. Admn. Expenses	10619907	1033666	11653573	10296305	2728943	13025248
Statistical Publications	0	0	0	0	0	0
Books & Periodicals	419227	811885	1231112	290822	549714	840536
GSP Forms (Printing)	0	0	0	0	100000	100000
Leave Travel Concession	2942253	1018042	3960295	4645441	2635213	7280654
Medical Claim	3499785	953019	4452804	2426834	942322	3369156
Membership Fee	1311951	0	1311951	1136325	0	1136325
Other Expenses		78763	78763	0	154337	154337
Training Programme	6565603	14859	6580462	2386001	109846	2495847
<b>TOTAL</b>	<b>25729905</b>	<b>4815721</b>	<b>30545626</b>	<b>21221474</b>	<b>7903954</b>	<b>29125428</b>

## Annexure - 17

Other Grants	31.03.2012	31.03.2011
Assistance to Rajiv Gandhi Centre for Aquaculture	150000000	300000000
Assistance for availing Technical consultancy NaCSA	20000000	7300000
Assistance to Netfish	20000000	16000000
<b>TOTAL</b>	<b>190000000</b>	<b>323300000</b>







### Annexure - 18

Subsidy given to Institutions / Organisation	31.03.2012	31.03.2011
Subsidy for Promotion of Commercial Hatcheries	5676136	2000000
Subsidy for New farm development in under developed area	29214123	22285274
Subsidy for set up of Effluent Treatment System	800346	1542328
Subsidy for taking up Organic Farming in selected/suitable area	1409802	11316
Subsidy for development assistance for PCR set up.	9640262	3973703
Subsidy for setting up Cold Storage	55212841	7493320
Subsidy for setting up of Modern Ice Plant	4109417	0
Subsidy for setting up Ornamental Fish Unit	24853906	9644574
Subsidy for construction / renovation of Captive Pre-processing Centre	9912951	5297074
Subsidy for setting up Mini Lab	1556449	472592
Subsidy for Insulated Fish Boxes	4184076	5719334
Subsidy for const/ Renovation of Independent Preprocessing Centres	3500000	10680554
Subsidy for procurement of Refrigerated Trucks/Containers	3150000	979163
Subsidy given for Tuna long lining div. Fishing	83505221	50799619
Assistance to Fishermen for better preservation of catch	12130688	11511072
Assistance for Padasekharams of Kerala	1040308	500000
Assistance to Societies	7252800	6106418
Assistance for acquisition of All Processing Machineries	0	0
Infrastructure facilities (GS, WPS, ETP, FIMM, CR, UDS)	3325799	1415722
Dev. assistance for export of Ornamental Aquarium fishes	1019858	1472614
Upgradation seafood plants to EU Standards	6976624	9704980
Seafreight Assistance	144441902	100503328
Special Scheme for Technology upgradation	113665888	41227050
<b>TOTAL</b>	<b>526579397</b>	<b>293340035</b>



## Annexure - 19

Expenditure on grant / subsidies	31.03.2012	31.03.2011
Others		
Seminar		
Professional charges	9886043	8745872
Publicity & Market Promotion (Advt.& Publicity)	7487161	4189103
Hospitality		
Insurance		
Subscription		
PCR lab facility maintenance		
Promotion of ornamental fish products		
Development of new value added product		
MPEDA lab expenses (Kochi)		
MPEDA lab expenses (Bhimavaram & Nellore)		
Monitoring of residual level of pesticides		
Seafood quality development programme		
Data bank & collection		
Development Division		
Assistance to societies		
HPLCMS antibiotic test		
Chemicals	3046921	1678679
Glasswares	172895	225425
Other Expenses	86470220	49521536
NRCP	843397	737003
<b>Total</b>	<b>107906637</b>	<b>65097618</b>
Less : Collection received for space allotted	20026700	8962500
<b>TOTAL</b>	<b>87879937</b>	<b>56135118</b>

### Note:

1. Other Expenses include all expenses incurred under Plan except Grants, Subsidies & Establishment expense





### Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of Marine Products Export Development Authority for the year ended 31<sup>st</sup> March 2012

1. We have audited the attached Balance Sheet of Marine Products Export Development Authority (Authority) as at 31<sup>st</sup> March 2012 and the Income & Expenditure Account and Receipts & Payment Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 19 of the Marine Products Export Development Authority Act, 1972. These financial statements include the accounts of units/branches of the Authority. These financial statements are the responsibility of the Authorities' management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules and regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
  - i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
  - ii. The Balance Sheet and Income and Expenditure Account/Receipts and Payments Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance, Government of India.
  - iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Authority as required under Section 19 of MPEDA Act, 1972 in so far as it appears from our examination of such books.
  - iv. We further report that:
    - A) **Balance sheet**
      1. **Assets**
        - 1.1. **Building (Schedule 8)**  
**Gross Block: ₹ 2.81 crore**
          - (a) The amounts of previous year opening Net Block and closing Net Block were wrongly shown as ₹ 11.20 crore and ₹ 12.45 crore instead of ₹ 12.45 crore and ₹ 10.74 crore.



## (b) Capital Work in Progress: ₹ 3.48 Crore

This is overstated by ₹ 2.92 crore on account of booking margin money deposit kept by banks for opening three letters of credit (₹ 2.41 crore) and customs duty provision (₹ 51.33 lakh) without the import actually taking place. This has further resulted in understatement of Bank Balances by ₹ 2.41 crore and overstatement of Current Liabilities by ₹ 51.33 lakh.

**B) Income and Expenditure Account****1. Expenditure****1.1. Establishment Expenses (Schedule 20): ₹ 23.29 Crore**

This is understated by ₹ 99.89 crore due to non charging of the liability for retirement benefits of employees as per actuarial valuation. The Authority has shown this liability under 'Current Liabilities' with corresponding wrong debit to 'Miscellaneous Expenditure' in Balance Sheet instead of routing it through Income and Expenditure Account as required under Accounting Standard 15, resulting in over statement of surplus carried to Capital Fund by ₹ 99.89 crore.

**C) Receipts and Payments Account**

Receipts and Payments account has not been prepared by accounting actual receipts and payments but compiled by incorporating differences of previous year and current year items under the head Fixed Assets, Current Assets and Current Liabilities. Other payments and receipts are ledger figures for the respective items. Since receipts and payments are derived figures, this account varies from the actual receipts and payments.

**D) General****1. Notes forming part of accounts (Schedule 25)**

- (a) A reference is invited to note no. 7(b) of above schedule wherein it is stated that liability on gratuity, leave encashment, superannuation, pension etc have not accrued for the current year and hence not charged to Income and Expenditure account. The statement is factually incorrect since liability as per actuarial valuation has not been provided but wrongly debited to Assets under the head 'Miscellaneous Expenditure' instead of charging to Income & Expenditure account. The Authority has failed to make necessary disclosure as per paras 119 and 120 of Accounting Standard 15 as regards enterprise's accounting policy for recognizing actuarial gains and losses, reconciliation of opening and closing balances of the present value of the defined benefit obligation and the principal actuarial assumptions used as at the balance sheet date which included discount rates; medical cost trend rates; and any other material actuarial assumptions used.
- (b) In Para 3 (e) of Schedule the utilization of fund for replacement of fishing vessels held in captivity in Pakistan (MOA) is shown as ₹ 17.40 crore instead of ₹ 1.74 crore.
- (c) In Para 5 of Schedule regarding breakup of earmarked funds and the pattern of investment following deficiencies were noticed





- ❖ Investment from EPS fund ₹ 3.24 crore was wrongly shown under Current Account instead of EPS Fixed Deposit.
  - ❖ Amount invested in Equity shares from EPS fund has been shown as ₹ 5.55 crore instead of ₹ 5.51 crore. The difference of four lakh was refunded by M/s Oceanic Enterprises which is yet to be adjusted from funds.
2. As per the Uniform Format of Financial Statements for Non-Profit Organizations, Name of the entities, their activities along with amount of grants/subsidies are to be disclosed for Expenditure made on grants, subsidies etc. (Schedule 22).
3. **Fixed Assets (Schedule 8)**  
**Land: ₹ 25.13 lakh**
- The fact that Authority is holding a lease of 1.65 acres of land at Tuticorin Port for 99 years with an investment in building (Gross Block of ₹ 10.85 lakh) has not been disclosed in the accounts as required under AS 19 and as envisaged in Uniform Format of Accounts for Autonomous Bodies.
4. The authority has not complied with Uniform Format of Financial Statement as applicable to Central Autonomous Bodies in respect of the following:
- ❖ As per the format for Non-Profit Organizations, additions to Endowment/ Earmarked Funds and Income from Investments-Others need to be specified in Schedule 3 and Schedule 15 respectively, which has not been complied with.
  - ❖ Accounting Policies towards each of the items in Schedule 14 - Fees/ Subscriptions are to be disclosed, which has not been done in the accounts.
  - ❖ In Current Assets, Loans, Advances etc under Schedule 11, Income Accrued from Earmarked/ Endowment Funds have not been disclosed.

### Impact of Comments

The net impact of the comments given above is that liabilities are overstated by ₹ 0.51 crore, assets overstated by ₹ 100.40 crore, and Excess of Income over Expenditure overstated by ₹ 100.40 crore.

### E) Grants in aid

Out of the total grant of ₹ 114.85 crore (including 0.57 crore carried forward from previous year) ₹ 114.10 crore was utilized, leaving a balance of ₹ 0.75 crore. It included ₹ 17.86 crore issued as Cheque during the last week of the financial year for obtaining demand drafts in favour of beneficiaries.

### F) Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Chairman, the Marine Products Export Development Authority, Kochi through a management letter issued separately for remedial/corrective action.





- (v) Subject to our observations in the preceding paragraphs, we report that the Balance sheet and Income & Expenditure Account/Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.
- (vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure-I to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:
- (a) In so far as it relates to the Balance Sheet, of the state of affairs of the Marine Products Export Development Authority as at 31<sup>st</sup> March 2012; and
- (b) In so far as it relates to Income & Expenditure Account of the Surplus for the year ended on that date.

For and on behalf of the Comptroller & Auditor General of India,

(Sd/-)

(S. RAJANI)

PRINCIPAL DIRECTOR OF COMMERCIAL AUDIT AND  
EX-OFFICIO MEMBER AUDIT BOARD, CHENNAI





### Annexure - I

#### ❖ Adequacy of Internal Audit System

The Internal Audit System existing in the authority was inadequate. Though the authority was set up in 1972 it was yet to prepare an Internal Audit Manual. The internal audit report was submitted to the Secretary instead of submission to the Chairman. The Internal audit wing was under the control of Chief Accounts Officer instead of directly reporting to the Chairman of the authority. Though the periodicity of the internal audit fixed by the Board is once in two years, it is in arrears in respect of 7 offices of the 28 auditable units and periodicity of arrears ranged from 1 year to 9 years.

#### ❖ Adequacy of Internal Control System

As per Rule 208 (vii) of General Financial Rules (GFR 2005), Autonomous organizations with a budgetary support of more than Rupees five crore per annum, should be required to enter into a Memorandum of Understanding with the Administrative Ministry or Department, spelling out clearly the output targets in terms of details of programme of work and qualitative improvement in output, along with commensurate input requirements. The output targets, given in measurable units of performance, should form the basis of budgetary support extended to these organizations. The authority has failed to execute MoU with the administrative ministry violating the provisions of Rule 208 (vii) of GFR 2005.

This was already communicated to authority during the accounts audit for 2010-11 for which compliance is awaited.

#### ❖ System of physical verification of assets

Assets as on 31<sup>st</sup> March 2012 have been physically verified by the head of respective offices and section officers (Stores) in respect of assets held in the Head Office.

#### ❖ System of physical verification of inventory

The system existing in the authority is satisfactory.

#### ❖ Regularity in payment of statutory dues

The authority was not regular in payment of statutory dues as the Laboratories providing service to Aqua farmers are not paying Service Tax.

(Sd/-)

Deputy Director



## Replies to Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of Marine Products Export Development Authority for the year ended 31<sup>st</sup> March 2012

Audit Observation	Replies/Comments
<p>1. We have audited the attached Balance Sheet of Marine Products Export Development Authority (Authority) as at 31 March 2012 and the Income &amp; Expenditure Account and Receipts &amp; Payment Account for the year ended on that date under Section 19(2) of the Comptroller &amp; Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 19 of the Marine Products Export Development Authority Act, 1972. These financial statements include the accounts of units/branches of the Authority. These financial statements are the responsibility of the Authorities' management. Our responsibility is to express an opinion on these financial statements based on our audit.</p>	<p>No comments</p>
<p>2. This separate Audit Report contains the comments of the Comptroller &amp; Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules and regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/ CAG's Audit Reports separately.</p>	<p>No comments</p>
<p>3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.</p>	<p>No comments</p>





Audit Observation	Replies/Comments
<p>4. Based on our audit, we report that:</p> <p>i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;</p> <p>ii) The Balance Sheet and Income and Expenditure Account/Receipts and Payments Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance, Government of India.</p> <p>iii) In our opinion, proper books of accounts and other relevant records have been maintained by the Authority as required under Section 19 of MPEDA Act, 1972 in so far as it appears from our examination of such books.</p> <p>iv) We further report that:</p> <p>(A) Balance sheet</p> <p>1. Assets</p> <p>1.1. Building (Schedule 8)</p> <p>Gross Block: ₹ 2.81 crore</p> <p>a) The amounts of previous year opening Net Block and closing Net Block were wrongly shown as ₹ 11.20 crore and ₹ 12.45 crore instead of ₹ 12.45 crore and ₹ 10.74 crore.</p> <p>b) Capital Work in Progress: ₹ 3.48 Crore</p> <p>This is overstated by ₹ 2.92 crore on account of booking margin money deposit kept by banks for opening three letters of credit (₹ 2.41 crore) and customs duty provision (₹ 51.33 lakh) without the import actually taking place. This has further resulted in understatement of Bank Balances by ₹ 2.41 crore and overstatement of Current Liabilities by ₹ 51.33 lakh.</p> <p>(B) Income and Expenditure Account</p> <p>1. Expenditure</p> <p>1.1. Establishment Expenses (Schedule 20): ₹ 23.29 Crore</p> <p>This is understated by ₹ 99.89 crore due to non charging of the liability for retirement benefits of</p>	<p>The opening net block of asset in the previous year (2010-11) is ₹ 11982070 and closing net block is ₹ 124475310. But in the assets schedule for the year 2011-12 the net block of previous years is mentioned wrongly which will be rectified.</p> <p>While submitting letter to Bank for opening Letter of credit for import of lab equipments, authorised the bank to debit the equal amount from our bank account and necessary entries were also made in the cash book. Normally while opening LC for procurement of assets and its customs duty, the same are being booked under Capital work-in-progress and after installation, the same will be considered as Fixed asset and depreciation charged.</p> <p>As MPEDA had not created pension fund, liabilities of retirement benefits are being met from the year-wise</p>



## Audit Observation

## Replies/Comments

employees as per actuarial valuation. The Authority has shown this liability under 'Current Liabilities' with corresponding wrong debit to 'Miscellaneous Expenditure' in Balance Sheet instead of routing it through Income and Expenditure Account as required under Accounting Standard 15, resulting in over statement of surplus carried to Capital Fund by ₹ 99.89 crore.

fund allocation and directly booked under revenue expenditure.

The actuarial valuation of retirement benefits including gratuity, pension, leave encashment etc have been done by M/s SBI Life Insurance Company Ltd as on 31.03.2012. The actuarial valuation amount of ₹ 99,88,81,413/- was shown in Schedules 7B - 'Current Liabilities and Provision' and 'Miscellaneous expenditure' directly mentioned in the Balance Sheet asset side as prescribed in the format. Every year MPEDA is calculating a fresh actuarial valuation and it is adjusted with the earlier one.

The actuarial valuation amount for the last 4 financial years shown in the Financial statements are ₹ 84.33 Crore (2008-09), ₹ 93.14 Crore (2009-10), ₹ 88.42 Crore (2010-11) and ₹ 99.89 Crore (2011-12). In 2008-09 the total fund allocation for Plan & Non Plan was ₹ 90.82 crore (released) and if MPEDA charged the amount of ₹ 84.33 crore in income and expenditure account the balance fund available is ₹ 6.49 crore. However the observation is noted and the possibilities for future compliance will be explored.

The present form of Receipts & Payments was adopted since 2006-07 onwards while adopting new form of financial statements for the Central Autonomous Bodies (Non-Profit Organisations and similar institutions). The observation is noted for future guidance.

**(C) Receipts and Payments Account**

Receipts and payments account has not been prepared by accounting actual receipts and payments but compiled by incorporating differences of previous year and current year items under the head Fixed Assets, Current Assets and Current Liabilities. Other payments and receipts are ledger figures for the respective items.

Since receipts and payments are derived figures, this account varies from the actual receipts and payments.

**(D) General****1. Notes forming part of accounts (Schedule 25)**

- a) A reference is invited to note no. 7 (b) of above schedule wherein it is stated that liability on gratuity, leave encashment, superannuation, pension etc have not accrued for the current year and hence not charged to Income and Expenditure account. The statement is factually incorrect since liability as per actuarial valuation has not been provided but wrongly debited to Assets under the head 'Miscellaneous

As MPEDA had not created pension fund, liabilities of retirement benefits are being met from the year-wise fund allocation and directly booked under revenue expenditure.

The actuarial valuation of Retirement benefits including gratuity, pension, leave encashment etc have been got done by M/s. SBI Life Insurance Company Ltd as on 31.03.2012. The actuarial valuation amount of ₹ 99,88,81,413/- was shown in Schedules 7B - 'Current







Audit Observation	Replies/Comments
<p>Expenditure instead of charging to Income Expenditure account. The Authority has failed to make necessary disclosure as per paras 119 and 120 of Accounting Standard 15 as regards enterprise's accounting policy for recognizing actuarial gains and losses, reconciliation of opening and closing balances of the present value of the defined benefit obligation and the principal actuarial assumptions used as at the balance sheet date which included discount rates; medical cost trend rates; and any other material actuarial assumptions used.</p>	<p>Liabilities and Provision' and 'Miscellaneous expenditure' directly mentioned in the Balance Sheet asset side as prescribed in the format. Every year MPEDA is calculating a fresh actuarial valuation and the same is adjusted with earlier one.</p> <p>The actuarial valuation amount for the last 4 financial years shown in the Financial statements are ₹ 84.33 Crore (2008-09), ₹ 93.14 Crore (2009-10), ₹ 88.42 Crore (2010-11) and ₹ 99.89 Crore (2011-12). In 2008-09 the total fund allocation for Plan &amp; Non Plan was ₹ 90.82 crore (released) and if MPEDA charged the amount of ₹ 84.33 crore in income and expenditure account the balance fund available was ₹ 6.49 crore.</p> <p>In the note attached forming part of the accounts proper disclosure was made (7.b).</p> <p>There is no separate reserve fund for retirement/terminal benefits.</p>
<p>b) In Para 3 (e) of Schedule the utilization of fund for replacement of fishing vessels held in captivity in Pakistan (MOA) is shown as ₹ 17.40 crore instead of ₹ 1.74 crore.</p>	<p>Noted and will be rectified</p>
<p>c) In Para 5 of Schedule regarding breakup of earmarked funds and the pattern of investment following deficiencies were noticed:</p>	
<p>❖ Investment from EPS fund ₹ 3.24 crore was wrongly shown under Current Account instead of EPS Fixed Deposit.</p>	<p>Noted and will be rectified.</p>
<p>❖ Amount invested in Equity shares from EPS fund has been shown as ₹ 5.55 crore instead of ₹ 5.51 crore. The difference of four lakh was refunded by M/s Oceanic Enterprises which is yet to be adjusted from funds</p>	<p>Noted for compliance</p>
<p>2. As per the Uniform Format of Financial Statements for Non-Profit Organizations, Name of the entities, their activities along with amount of grants/subsidies are to be disclosed for Expenditure made on grants, subsidies etc. (Schedule 22).</p>	<p>Schedule 22 comprises Annexure 17 to 19. In Annexure 17 the name of the institutions were mentioned to which grants were released, all the institutions are societies formed under MPEDA. Scheme-wise total of subsidy amount is mentioned in Annexure 18. As the numbers of beneficiaries of all schemes are more in numbers and disclosing the details in the accounts is practically difficult one. In Annexure 19, the other expenses incurred for implementing the scheme were mentioned.</p>



Audit Observation	Replies/Comments
<p>3. <b>Fixed Assets (Schedule 8)</b> <b>Land: ₹ 25.13 lakh</b></p> <p>The fact that Authority is holding a lease of 1.65 acres of land at Tuticorin Port for 99 years with an investment in building (Gross Block of ₹ 10.85 lakh) has not been disclosed in the accounts as required under AS 19 and as envisaged in Uniform Format of Accounts for Autonomous Bodies.</p> <p>4. The authority has not complied with Uniform Format of Financial Statement as applicable to Central Autonomous Bodies in respect of the following:</p> <ul style="list-style-type: none"> <li>❖ As per the format for Non-Profit Organizations, additions to Endowment / Earmarked Funds and Income from Investments-Others need to be specified in Schedule 3 and Schedule 15 respectively, which has not been complied with.</li> <li>❖ Accounting Policies towards each of the items in Schedule 14 - Fees/ Subscriptions are to be disclosed, which has not been done in the accounts.</li> <li>❖ In Current Assets, Loans, Advances etc under Schedule 11, Income Accrued from Earmarked/ Endowment Funds have not been disclosed.</li> </ul>	<p>In Schedule - 25 under Fixed Asset (Sl No.4) it was disclosed that the Dry Fish Storage, Tuticorin is on leasehold land given by Tamil Nadu Government. On completion of construction in 1982, the storage was handed over to the Tamil Nadu Fisheries Development Corporation Ltd (TNFDC) for management.</p> <p>In Annexure - 1 which is attached to Schedule 3 the addition to endowment/Earmarked Funds and Income from Investments - Others are clearly specified. The Schedule 15 require to disclose income on investment from Earmarked/Endowment funds transferred to fund which was stated in the Schedule.</p> <p>Subscription for MPEDA Newsletter and Prime are included in the annual fee/Subscription under Schedule 14. The accounting policies towards each item will be disclosed in future.</p> <p>The full details were disclosed in Annexure 1 - Earmarked/ Endowment funds including income Accrued from Earmarked/Endowment funds which is also reflected in Schedule 3.</p>

## Impact of Comments

The net impact of the comments given above is that liabilities are overstated by ₹ 0.51 crore, assets overstated by ₹ 100.40 crore, and Excess of Income over Expenditure overstated by ₹ 100.40 crore.

No further comments

## E) Grants in aid


Out of the total grant of ₹ 114.85 crore (including 0.57 crore carried forward from previous year) ₹ 114.10 crore was utilized, leaving a balance of ₹ 0.75 crore. It included ₹ 17.86 crore issued as Cheque during the last week of the financial year for obtaining demand drafts in favour of beneficiaries.

For releasing of financial assistance (subsidy), strict scrutiny system is being adopted by MPEDA, issuance of advance approval, verifications by the Unit offices after obtaining application from beneficiaries, Unit offices will forward subsidy applications after confirming necessary rectifications were attended by the beneficiary on the basis of the verification of unit offices, further scrutiny of the applications are being done by Head Office and placing the same before the subsidy committee for its approval.





Audit Observation	Replies/Comments
<p><b>F) Management letter</b></p> <p>Deficiencies which have not been included in the Audit Report have been brought to the notice of the Chairman, the Marine Products Export Development Authority, Kochi through a management letter issued separately for remedial/corrective action.</p> <p>i) Subject to our observations in the preceding paragraphs, we report that the Balance sheet and Income &amp; Expenditure Account/Receipt &amp; Payment Account dealt with by this report are in agreement with the books of accounts.</p> <p>ii) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure-I to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:</p> <p>(a) In so far as it relates to the Balance Sheet, of the state of affairs of the Marine Products Export Development Authority as at 31<sup>st</sup> March 2012; and</p> <p>(b) In so far as it relates to Income &amp; Expenditure Account of the Surplus for the year ended on that date.</p>	<p>Normally, more applications in this regards are obtained during the end of 3<sup>rd</sup> quarter and effecting payments in the 4<sup>th</sup> quarter.</p> <p>Remedial/corrective action is being taken.</p> <p>No comments</p>

  
(B SREEKUMAR)  
SECRETARY



## Annexure - I

## ❖ Adequacy of Internal Audit System

The Internal Audit System existing in the authority was inadequate. Though the authority was set up in 1972 it was yet to prepare an Internal Audit Manual. The internal audit report was submitted to the Secretary instead of submission to the Chairman. The Internal audit wing was under the control of Chief Accounts Officer instead of directly reporting to the Chairman of the authority. Though the periodicity of the internal audit fixed by the Board is once in two years, it is in arrears in respect of 7 offices of the 28 auditable units and periodicity of arrears ranged from 1 year to 9 years.

As the audit wing is being restructured, the balance offices to be audited will be completed on restructuring. At present there is no internal audit manual. The audit is being conducted based on the Central Govt Rules. Remarks of audit regarding reporting/submission of reports the same is noted for compliance.

## ❖ Adequacy of Internal Control System

As per Rule 208 (vii) of General Financial Rules (GFR 2005), Autonomous organizations with a budgetary support of more than Rupees five crore per annum, should be required to enter into a Memorandum of Understanding with the Administrative Ministry or Department, spelling out clearly the output targets in terms of details of programme of work and qualitative improvement in output, along with commensurate input requirements. The output targets, given in measurable units of performance, should form the basis of budgetary support extended to these organizations. The authority has failed to execute MoU with the administrative ministry violating the provisions of Rule 208 (vii) of GFR 2005.

MPEDA was formed under the Act of Parliament. MPEDA follows the Central Govt Rules. Funds are received from Govt. of India through Ministry of Commerce. There is no MOU signed by MPEDA.

However, MPEDA is fixing specific targets and ensuring its achievements, and periodical reports are being furnished to Ministry.

This was already communicated to authority during the accounts audit for 2010-11 for which compliance is awaited.

## ❖ System of physical verification of assets

Assets as on 31<sup>st</sup> March 2012 have been physically verified by the head of respective offices and section officers (Stores) in respect of assets held in the Head Office.

No comments





❖ **System of physical verification of inventory**

The system existing in the authority is satisfactory.

No comments

❖ **Regularity in payment of statutory dues**

The authority was not regular in payment of statutory dues as the Laboratories providing service to Aqua farmers are not paying Service Tax.

MPEDA has already taken action with the Central Excise authorities to get exemption from paying the service tax for the service rendered for the marine products industry with a special reference to exports and in the context of the income created or received by MPEDA is being exempted within the provision of taxable income under sections 10(29A) of Income Tax Act.

(B SREEKUMAR)

SECRETARY





## VALUE ADDED PRODUCTS



*Cobia Fish Rolls*



*Cobia Fish Pickles*

