MARKETING NEWS

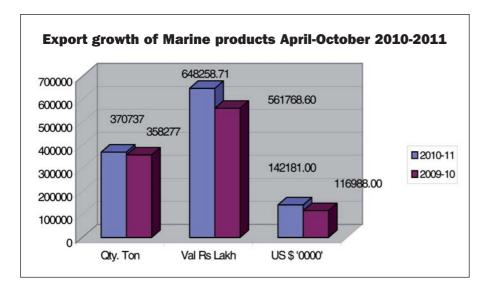
Half yearly review of export of marine products

Export of Marine Products have registered a growth of 3.48% during April - October of 2010 in quantity, 15.40% in rupee value and

21.53% in US\$ terms compared to the same period of previous year as shown below:-

Exports during APRIL-OCTOBER 2010-11 compared to 2009-10

Export details	April-October 2010-11	April-October 2009-10	Growth %	
Quantity Tonnes	370737	358277	3.48	
Value Rs.crore	6482.59	5617.69	15.40	
\$ Million	1421.81	1169.88	21.53	



There is considerable increase in export of Fr. Shrimp and Fr. Squid during the period. Introduction of Vannamei and increased landing of Squid can be attributed for the increase.

Major items of export

Frozen Shrimp continued to be the major export item accounting for 51.70% of the total US \$ earnings. Shrimp exports during the period increased by 8.13%, 27.16% and

34.04% in quantity, rupee value and US\$ value respectively. There is a considerable increase in unit value realization (23.97%). Export of Frozen Shrimp to USA has registered a tremendous growth of 76% in volume and 128% in US\$ terms. Fr. Shrimp export to Japan also showed an increase both in volume and value. Export of Vannamei shrimp had also picked up. We have exported about 3889 MT of Vannamei during this period.

Fish, the principal export item in quantity terms and the second largest export item in value terms, accounted for a share of about 30% in quantity and 14.24% in US\$ earnings showed a decline of 16.48% in quantity, 12.64% and 7.25% in rupee and US\$ value realisation respectively.

Fr. Squid recorded a growth of 99.25% in US\$ terms, 69.16% and 87.48% in quantity and rupee value respectively. As regards Fr.Cuttle Fish there is decline of 21.28% and 3.73% in quantity and rupee value respectively but showed 1.42% increase in US\$ realisation. There is a considerable increase in the unit value realization (28.84%). Dried items showed a substantial growth of 105.69%, 11.15% and 19.12% in quantity, rupee value and US\$ value realisation respectively compared to same period last year. However there is a drastic decline in the unit value realisation.

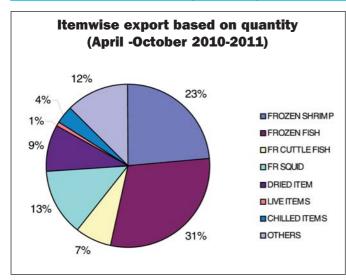
Export Compilation for April- 2010 to October- 2010 - Item wise Total

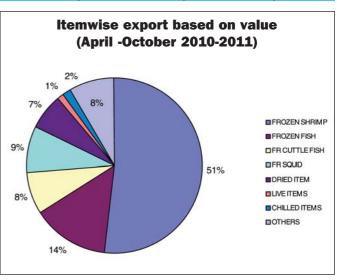
Q: Quantity in Tons, V: Value in Rs. Crores, \$: US\$ Million

ITEM		Share %	Apr-2010 - Oct-2010	Apr-2009 - Oct-2009	Variation	(%)
FROZEN SHRIMP	Q: V: \$: UV\$:	23 51.84 51.70	87022 3360.47 735.01 8.45	80482 2642.71 548.35 6.81	6540 717.77 186.66 1.63	8.13 27.16 34.04 23.97

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ITEM		Share %	Apr-2010 - Oct-2010	Apr-2009 - Oct-2009	Variation	(%)
FROZEN FISH	Q: V: \$: UV\$:	30 14.20 14.24	110546 920.27 202.45 1.83	132353 1053.38 218.28 1.65	-21807 -133.11 -15.83 0.18	-16.48 -12.64 -7.25 11.04
FR CUTTLE FISH	Q: V: \$:	7 7.65 7.63	26703 495.59 108.43 4.06	33922 514.78 106.91 3.15	-7220 -19.20 1.52 0.91	-21.28 -3.73 1.42 28.84
FR SQUID	Q: V: \$: UV\$:	13 8.68 8.70	49792 562.83 123.64 2.48	29435 300.21 62.05 2.11	20357 262.61 61.59 0.37	69.16 87.48 99.25 17.79
DRIED ITEM	Q: V: \$: UV\$:	9 6.70 6.75	34311 434.59 96.01 2.80	16681 390.98 80.60 4.83	17630 43.61 15.41 -2.03	105.69 11.15 19.12 -42.09
LIVE ITEMS	Q: V: \$: UV\$:	1 1.08 1.08	2783 69.90 15.35 5.52	3026 79.32 16.43 5.43	-243 -9.41 -1.08 0.09	-8.03 -11.87 -6.57 1.6
CHILLED ITEMS	Q: V: \$: UV\$:	4 1.64 1.63	13375 106.15 23.18 1.73	20872 152.90 31.59 1.51	-7497 -46.75 -8.41 0.22	-35.92 -30.58 -26.62 14.52
OTHERS	Q: V: \$: UV\$:	12 8.22 8.28	46205 532.79 117.73 2.55	41507 483.41 105.67 2.55	4699 49.38 12.07 0.00	11.32 10.21 11.42 ***
TOTAL	Q: V: \$: UV\$:	100 100 100 UV\$:	370737.16 6482.59 1422 3.84	358277.44 5617.69 1170 3.27	12,459.72 864.90 252 0.57	3.48 15.4 21.53 17.45





MARKETING NEWS

Major export markets

European Union (EU) continued to be the largest market with a share of 26.77% in US \$ realization. However, there is a decline in the export during the period. USA regained the second place with a share of 18.31%, followed by JAPAN 17.26%, South East Asia 13.61%,

China 11.61%, Middle East 4.74% and Other Countries 7.70%. Exports to USA registered a remarkable growth of 96.31% in US\$ realization and 44.08% in terms of quantity. Increase in the export of Fr. Shrimp, Fr. Squid and Fr. Cuttlefish contributed to the growth. Export to Japan also registered a positive growth of 31.15% in

quantity and 46.94% in US\$ term. Export of all items except chilled item showed an increasing trend in Japanese market. South East Asian countries had also registered a positive growth of 46.83% in quantity and 35.84% in US\$ realization. Export to China has declined considerably both in terms of quantity and value.

Export Compilation for April- 2010 to October- 2010 - Country wise Total

Q: Quantity in Tons, V: Value in Rs. Crores, \$: US\$ Million

COUNTRY		Share %	Apr-2010 - Oct-2010	Apr-2009 - Oct-2009	Variation	(%)
JAPAN	Q:	11.26	41736	31824	9912	31.15
	V:	17.20	1114.90	776.73	338.18	43.54
	\$:	17.26	245.40	167.01	78.39	46.94
USA	Q:	7.93	29402	20408	8995	44.08
	V:	18.41	1193.25	640.26	552.99	86.37
	\$:	18.31	260.33	132.61	127.72	96.31
EUROPEAN UNION	Q:	23.35	86578	93436	-6858	-7.34
	V:	26.80	1737.46	1791.67	-54.21	-3.03
	\$:	26.77	380.63	371.76	8.87	2.39
CHINA	Q:	15.46	57329	74805	-17476	-23.36
	V:	11.56	749.06	857.72	-108.66	-12.67
	\$:	11.61	165.02	177.13	-12.11	-6.84
SOUTH EAST ASIA	Q:	25.61	94958	64673	30286	46.83
	V:	13.58	880.40	686.34	194.06	28.27
	\$:	13.61	193.53	142.47	51.06	35.84
MIDDLE EAST	Q:	4.82	17862	18960	-1098	-5.79
	V:	4.75	308.11	319.75	-11.64	-3.64
	\$:	4.74	67.45	66.20	1.25	1.89
OTHERS	Q:	11.56	42871	54172	-11301	-20.86
	V:	7.70	499.40	545.22	-45.82	-8.40
	\$:	7.70	109.45	112.70	-3.25	-2.89
Total	Q:	100	370737	358277	12460	3.48
	V:	100	6482.59	5617.69	864.90	15.40
	\$:	100	1421.81	1169.88	251.92	21.53

MPEDA's participation in International Fairs

1) 4th Dubai Seafood Fair held during 25-27, October 2010

The 4th Dubai Seafood Fair was organized by Orange Fairs and Events from 25-27, Oct. 2010 in the Al-Bustan Rotana Convention Centre, Casa Blanca Road, Al-Garhoud, Dubai. The exihibition was inaugurated by Dr.Mariam Al Shenasi, Executive Director for Technical Affairs at the Ministry of Environment and Water. The event was also attended by dignitaries from other industries.

Dubai is rapidly emerging as a top destination for high quality seafood products. Dubai Sea Food Expo'2010 provided a platform for regional and global seafood traders and buyers to expand their network and initiate business with other companies. Dubai is considered as the most advantageous platform for business and development owing to its geographical location.

The show was attended by 140 participants from 20 countries. India, represented by MPEDA, had set up country pavilions. There were stalls by China, Bangladesh, Holland, Kuwait. Morocco, Russia and Srilanka. Major exhibitors amongst UAE companies were MAGENTAS, Ocean Fisheries, East Fish Processing, International Food Trading and Porche General Trading LLC etc. Apart from seafood importers, processors and suppliers from the world leaders in the seafood production and marketing, organisations like INFOFISH, INFOSAMAK, Department of Fisheries, Thailand, Fisheries Development Authority of Malaysia, Vietnam Association of Seafood Exporters and Producers and nongovernmental organisations also participated in the exhibition.

Dubai is rapidly emerging as a hub of seafood trading. Significant opportunities remain in the Middle



Smt.Asha C. Parameswaran, Deputy Director (P&MP) interacts with a visitor. Dr. Ansar Ali, Asst. Director looks on.

East for seafood exporters, as there is always an increasing demand for high-value, quality seafood products within the retail and hospitality sectors. The demand for quality seafood products in the Middle East has seen a substantial growth over the years. The fair provided an opportunity to showcase variety of Indian value added products to one of the fastest growing market in the world and to the seafood buyers.

MPEDA had displayed video clippings of Indian value added products, frozen value added products, fresh chilled whole fishes and ready to eat seafood products in the stall.

Visitors were briefed about the products available in India. Exporters CD, Chart of Commercial Fishes of India, and brochures and catalogues were distributed to the visitors. The display attracted the visitors as the focus was on value added products.

The fair was visited by many importers, buyers and key decision

makers from all over the world especially from Middle East countries like UAE, Kuwait, Oman, Qatar, Saudi Arabia, Iran, and Yemen. 4th Dubai Seafood fair was attended by Seafood Processors, Hotel and Catering firms, Restaurant buyers, Wholesalers and Distributors, Supermarket/ Hypermarket buyers, and Seafood machinery and Packaging industry representatives.

2) "Indianmela 2010" organized by the Indian Chamber of Commerce- Japan (ICCJ) at Kobe, Japan between 13-14, Nov. 2010

MPEDA participated in the Indianmela organized by the Indian Chamber of Commerce-Japan (ICCJ) at Kobe during 13-14, Nov. 2010. Value added products of shrimp, cuttle fish, octopus, surimi products etc were displayed. Cooking demonstration was organised on both the days in the MPEDA stall. Indian shrimp curries served to visitors was appreciated by

the visitors. The Indian curries are much preferred by Japanese especially the young generation who likes spicy and little hot seafoods.

The event was inaugurated by Mr Tatuso Yada, the Mayor of Kobe city. Mr Vikas Swarup, Consul general of India, Osaka, President of ICCJ, India club and ISS made felicitations. Hemant Krishan Singh, Ambassador EOI Tokyo attended the function

Cultural programmes like Japanese drums, Indian classical musics / dances, violin, sitar, Bharatnatyam, Odissi, bollywood etc including fashion show were performed by both Indian and Japanese artists during the event. Officials from Indian



Indian officials are seen with other VIPs in the MPEDA stall.

Consulate, International Afairs & Tourism Bureau, Hvogo Prefectural Government of Japan, State Bank of

India and many Indian residents at Kobe visited the event. The show had attracted about 47,000 visitors.

Upcoming Events

1) Aquatic Asia 2011 to be held from 9-11, March 2011 at BITEC, Bangkok, Thailand

quatic Asia 2011, a show dedicated to Asia's growing aquaculture business, aims to serve the fast-growing Asian aquaculture industry. In addition to fish, the show also focuses on mollusks, crustaceans and algae. Aquatic Asia 2011 is scheduled for March 9 -11, 2011, at BITEC, Bangkok, Thailand. In addition to the trade show, there will be seminars and conferences. "The Aquatic Asia 2011 Conference" is a program of non-commercial industry presentations about trends and developments.

For more information about

Aquatic Asia 2011, please contact Mr. Wara Rujataronjai - Communicaton Manager, N.C.C. Exhibition Organizer Co., Ltd., at phone: +66 2 203 4241, fax: +66 2 203 4250 and email: wara@qsncc.com or visit Aquatic Asia 2011 website at www.aquatic-asia.net

2) ILDEX India 2011 to offer business platform for poultry & aquaculture sectors

India's aquaculture production has Libeen increasing in the last decade. Although the major part of export of cultured products is shrimps, the contribution of carps, such as rohu, has been increasing over the years.

With an aim to meet the challenges, Thailand-based NCC Exhibitions Co. Ltd. (NEO), jointly with Inter Ads Exhibitions, is organising ILDEX India 2011 in

Chennai. The event which will take place on September 15-17, 2011, at Chennai Trade Centre and Convention Centre is a combination of technology and information platform for industry.

The show will offer poultry and aquaculture professionals with international business practice, both industries need to rise to the next level. The organisers are also introducing a

new conference and exhibition concept for the country's poultry and aquaculture industry with special focus in Chennai and its vicinity.

According to the press release, ILDEX India will feature 4 conference tracks, out of which 2 tracks are dedicated to poultry on breeding and husbandry while another 2 aim for aquaculture focusing on feed and aquatic health. - fnbnews.com

3) Asian-Pacific Aquaculture 2011 & Giant Prawn 2011

World Aquaculture Society (WAS) is the largest aquaculture organization in the world with members from all the major fish producing and trading nations.

The annual conferences and Trade Fairs organized by WAS present an ideal opportunity for all stakeholders in Fisheries and allied industries, including researchers, academics, students, farmers and so on to showcase their achievements and explore newer vistas of research. The Asia-Pacific Chapter of WAS (WAS-APC) is organizing the 2011 Asia-Pacific Conference and Exposition, the ASIAN-PACIFIC AQUACULTURE 2011 (ASPA 2011),

at Kochi. The mega event, jointly hosted by College of Fisheries, Kerala Agricultural University, Panangad, Kochi, and the Kerala State Fisheries Department, is scheduled to be held during 17 – 21 January 2011, at the Le Meridian Convention Centre, Kochi. Together with ASPA 2011, an exclusive Conference on freshwater prawns, GIANT PRAWN 2011 (GP 2011) will also be held.

The GP 2011, attached to ASPA 2011, is a special conference on giant freshwater prawn, as a sequel to the first International Giant Prawn Conference held in Bangkok, Thailand, in 1980. This is of special significance to India, and Kerala in

particular, being a major prawn farming center, and the College of Fisheries being a significant contributor in global freshwater prawn There will comprehensive conference involving technical and producer programs. Nearly 1000 scientific papers by experts will be presented in 6 to 7 concurrent sessions over 4 days. It is an international trade show involving products and services for the aguaculture industry. There will be post-conference tours for the delegates to see the aquaculture developments as well as to visit the major tourism attractions in Kerala.

Source: World Aquaculture Society

	PRICE LIST OF MPEDA PUBLICATIONS / PERIODICALS				
	PERIODICALS	Annual Subscription (Rs.)			
1.	PRIME WEEKLY (PRICE INDICATOR FOR MARINE PRODUCTS)	350.00			
2.	MPEDA NEWSLETTER	300.00			
	PUBLICATIONS	Price per copy (postage extra)			
3.	CHART ON COMMERCIAL FISHES OF INDIA	75.00			
4.	CHART ON ORNAMENTAL FISHES OF INDIA	75.00			
5.	MPEDA ACT, RULES & REGULATIONS	25.00			
6.	STATISTICS OF MARINE PRODUCTS 2007	250.00			
7.	SEAFOOD DELICACIES FROM INDIA	100.00			
8.	INDIAN FISHERY HAND BOOK	250.00			
9.	AN ILLUSTRATED GUIDE ON COMMERCIAL FISHES AND SHELL FISHES OF INDIA	125.00			
10.	PRODUCT CATALOGUE	150.00			
11.	HANDBOOK ON ORNAMENTAL FISH DISEASES	50.00			
12.	WATER QUALITY IN THE ORNAMENTAL AQUATIC INDUSTRY - SERIAL 1	125.00			
13.	INTERNATIONAL TRANSPORT OF LIVE FISH IN THE ORNAMENTAL AQUATIC INDUSTRY - SERIAL 2	125.00			
14.	LIVE FOOD CULTURE FOR THE ORNAMENTAL AQUATIC INDUSTRY - SERIAL 3	125.00			
15.	BIOSECURITY IN THE ORNAMENTAL AQUATIC INDUSTRY - SERIAL 4	125.00			

FOCUS AREA

Munambam fishing harbour, the first fishing harbour in India governed by a co-management society - A model to copy

Joice V. Thomas, Deepu A.V. and Afsal V.V., NETFISH

Introduction

Co-management of fisheries has not implemented much widely as noticed in other sectors like forestry and agriculture. However much efforts are being taken in various countries to introduce and implement this system in fisheries especially in third world countries of which, the results from the African countries are more encouraging. Co-management societies have found to be the best system for conservation of fish resources in many Asia Pacific countries. Collaborative management or Co-management is defined as a situation in which two or more social actors negotiate, define and guarantee amongst themselves a fair sharing of management functions, the entitlements and responsibilities for a given territory, area or set of natural resources. Though co-management is mainly for conservation of natural resources, the system established in Munambam Fishing harbour can be viewed as a model for the smooth running of the harbour combinely by government bodies and various stakeholder groups. The success of this

system is really an eve opener to government bodies and can be copied to other fishing harbours of India.

Munambam Fishing Harbour

Munambam fishing harbour is located in Vypin Island in Ernakulam district of Kerala State. This harbour established alongside the Munambam estuary by which the Perivar River connects to the Arabian Sea and is located about 40km north of Kochi harbour and 85 km south of Ponnani Port. Construction of this harbour was commenced in 1989 and was commissioned in the year 2000. The harbour was under the administrative control of the Harbour Engineering Division (HED) and Department of Fisheries, Government of Kerala before handing it over to Munambam Fishing Harbour Management Society (MFHMS).

Formation of the management committee

Munambam fishing harbour is the property of Department of Fisheries, Govt. of Kerala. The day to day activities of the harbour was controlled by the Department of Fisheries whereas the developmental works including construction maintenance, etc was carried out under the supervision of Harbour Engineering Division of Govt. of Kerala. The revenue of the harbour collected by way of toll for the entry of vehicles, berthing charge of boats, rent of commercial blocks, etc, was going to the Government Treasury. With regard to any maintenance work of the harbour, money had to be released from Government based on the proposal of the Harbour Engineering Department which usually delayed due to the hefty official procedure. In many occasions, the local fishermen and workers in the fishing harbour had to argue with the Engineering department for any urgent construction works to be carried out in the harbour. Understanding the grave situation, The Marine Products Export Development Authority (MPEDA) had taken an initiative to upgrade the Munambam fishing harbour availing fund from Ministry of Commerce under its Assistance to States for







FOCUS AREA

Developing Export Infrastructure and Allied Activities Scheme (ASIDE). For the better management of the fishing harbour, MPEDA and Department of Fisheries decided to form a society and accordingly a proposal was submitted to the Government of Kerala for approval. The present Munambam Fisheries Harbour Management Society (MFHMS) is the offspring of this effort. Now the day to day activities of the fishing harbour is controlled by the society. The revenue collected from the fishing harbour by way of toll charges, rent etc is going to the account of the society which is being utilised for the development of infrastructure and other activities in the harbour.

Members in the governing body of Munambam harbour development society

The control, administration and management of the affairs of the society are under the control of the Governing body which comprises 14 members as given below (Table 1). Deputy Director (Quality Control) MPEDA, Chief Executive and State Coordinator NETFISH are also included as the special invitees to the governing body.

Besides the governing body, an Executive Committee headed by the Joint Director of Fisheries as Chairman and other members including Executive Engineer (HED), Representatives from MPEDA, NETFISH, Matsyafed and stake holders, Port officer, Deputy Director of fisheries, etc, convene monthly to assess the various developments in the harbour. The society directly plan, implement and manage operations in Munambam fishing harbour with the help of the above two management committees. It has been empowered to make various revenue collection such as entry and parking charges of vehicles, landing/handling charges of fishing crafts, wharfage, registration and licensing of auctioneers, rent of shopping complex and canteen etc.

Code of conduct in the fishing harbour

A code of conduct has been successfully implemented in the fishing harbour with regard to the hygienic handling of fish and maintaining healthy working condition inside the harbour. Since the representatives of various stake holder groups of this harbour are included in the governing body of the society, the implementation of code of conduct and monitoring the compliance to it is found quite easier. Being the members in the governing body, all workers in this harbour feel

Table 1

S.No	Members	Capacity
1	District Collector, Ernakulam	Chairman
2	Executive Engineer, HED, Munambam	Vice Chairman
3	Joint Director of Fisheries (CZ), Ernakulam	Member Secretary/
		Convener
4	Deputy Director of Fisheries (Z), Ernakulam	Member
5	Deputy Director, MPEDA, Regional office, Cochin	Member
6	District Manager, Matsyafed, Ernakulam	Member
7	Superintending Engineer, Harbour Engineering	
	Department (south circle)	Member
8	Port Officer, Alappuzha	Member
9	Representatives from stake holders (5 nos)	Members
10	Representative of Department of Animal	
	Husbandry & Dairying, Government of India	Member

and treat the harbour as their own which helped tremendously to the successful implementation of the code of conduct in the fishing harbour. Any breach of code of conduct by any of the workers or by outsiders would be corrected if noticed by the workers in this harbour.

Network for fish quality management and sustainable fishing (NETFISH), a society under the aegis of MPEDA has a lead role in the implementation of code of conduct in this fishing harbour. NETFISH conducts regular extension training programmes in this fishing harbour to teach the various steps in hygienic handling of fishery resources in the harbour and also reminds the workers about the strict observation of the code of conduct implemented.

Facilities in the fishing harbour

Various facilities in place at the Munambam fishing harbour include three auction halls in which two of them are allotted for the mechanised boats and the other one for the traditional vessels. A Berthing and landing wharf of length 440m and width 6m is providing sufficient space for the mooring of vessels and easy transport of materials to the auction area. About 6500sq.m of parking area is provided well marked to accommodate trucks and perishable product movers. Fresh water supply is made available in the harbour for washing and drinking. A tube ice machine and chilled room with a capacity of ten tonnes each are established recently with the help of MPEDA. Other facilities like pay and use toilet block, canteen, material stores, etc, are also provided at the harbour.

Society manages the harbour

A coordinator is appointed by the society at the harbour who acts as the hygiene inspector also monitoring the activities of the various stake holders and ensures the sanitary conditions of

the harbour. He also maintains good liaison with the various stake holders and control the activities at the harbour to maintain a good discipline and fully observing the code of conduct implemented in the harbour. The obvious benefit recorded in the functioning of the society is that a timely action can be possible in case of any breach of cod of conduct and also in taking effective decision on the day to day operation of the harbour. The requirements of the harbour can effectively be addressed in the Executive Committee as well as in the governing body of the society where expeditious decisions will be taken for the smooth functioning of the harbour. It was also noticed that the stake holders in the fishing harbour takes the lead role in maintaining the hygienic atmosphere inside the harbour by closely watching the operations in every corner and any violations of code of conduct will be corrected on time. Being the members in the governing bodies of the harbour, the stake holders take the responsibility of the correct observance of cod of conduct and discipline in the harbour.

Advantages of society formation in controlling the fishing harbour

Munambam fishing harbour management society is the first society formed in India for managing the fishing harbour and the results show that the attempt was quite successful for the smooth running of the fishing harbours. The following things were noticed as advantage of the society formed for controlling the activities of the harbour.

- The active support of the various stake holders is ensured as they are the members in the governing bodies of the society
- 2. Effective implementation and observance of cod of conduct in the harbour

- 3. Swift action can be possible on the various development programmes of the fishing harbour as the decision can be taken by the governing body itself avoiding any procedural delay in the case of government system.
- 4. Stake holders shoulders the responsibility of the smooth running of the harbour
- 5. Effective decision on the welfare of the harbour can be taken by considering the idea/views of the stake holders as they are members in the governing bodies.

Conclusion

Munambam fishing harbour is the first fishing harbour in India being managed by a co-management society. The active participation of the stake holders is the main reason behind the success of the society. This model can be emulated to other fishing harbours in India for ensuring the hygienic operation of the harbours.

NETFISH associates with Matsyafed to conduct awareness programmes for fishermen

ETFISH in association with Matsyafed district office Kannur conducted awareness training programmes for fishermen at Mopla Bay harbor, Kannur district on 13-10-2010. Smt. Vanaja, District Manager, Matsyafed, Aliamma Kuriachan, State Coordinator, NETFISH and Mr. Mustafa,

representative from NETFISH member NGO were attended the programme. Smt. Vanaja welcomed the gathering and Smt. Aliamma Kuriachan delivered a talk on hygienic handling of fishes onboard and in harbours. Stake holder groups including fishermen, auctioneers, boat owners were attended the

NETFISH training programme at Valapattinam harbour

training programme. Different aspects quality measures to be taken while handling fishes onboard as well as in harbours were discussed in detail during the class. Active participation from fishermen community enriched the programme with their doubts and clarifications.

During the interaction with stake holders, they raised the concern over lack of infrastructural facilities at the harbor and the practical difficulties faced by them in handling fish. Various awarenss tools developed by NETFISH like documentaries, posters also were shown to the participants.

Matsyafed expressed their interest to associate with NETFISH in future to organize similar programmes in different parts of Kannur district to fisherfolk as well as the fishermen societies of Matsyafed.

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- Rapid kit for Sulfite Residue
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QUALITY FRONT

Training on rapid alert system for food and feed conducted

raining on the EU Rapid Alert System for Food and Feed was organised by MPEDA in association with Directorate General for Health & Consumers of the European Commission (DG SANCO) and Better Training for Safer Food (BTSF), at the Gateway Hotel, Cochin on 15th and 16th November, 2010. There were 21 participants in all including 8 participants each from Export Inspection Agency and MPEDA, 2 participants from Spices Board and one participant each from APEDA, Coastal Aquaculture Authority (CAA) and NIFPHATT.

The faculty for the training comprised M/s. Caroline Krejci, from the National RASFF Contact Point in Austria and Mr. Sebastien Rahoux, Project Manager (Quality, Conformity Assessment & Safety Department) of AETS.

The training was inaugurated by Shri Joy Ipe Kurian, Joint Director (Quality Control), MPEDA, Cochin. The topics covered in the training included the history of EU-RASFF, EU Food Law & Objectives of RASFF, TRAde Control and Expert System



Ms. Caroline Krejci addressing the participants.

(TRACES) and familiarization with the RASFF Windows.

As part of the training there were exercises on (1) Action to be taken on receipt of an alert (2) Information to be communicated to the concerned exporter and (3) Follow up action to be taken on the EU-RASFF Notifications.

During the interactive sessions, the faculty replied to the questions raised by the participants, on the areas were EU adopt laws/regulations and how EU law binds third countries etc. Clarifications were made on different categories of notifications, the number of consignments required to be cleared

and also the status of the rejected consignment.

There was an evaluation of the programme at the end of the training. A test was also conducted and certificates were issued to the participants. In general, the participants appreciated the objective of the training and found it quite useful to them as they could gain first hand information about the Rapid Alert System for Food and Feed in the European Union.

Altogether 3 such trainings were conducted in India during November 2010, the first at Delhi, the second at Mumbai and the third at Kochi.



Participants pose with the faculty members.

AQUACULTURE SCENE

Training programme on eco-friendly & sustainable aquaculture

1) Programme at Rupayan, West Bengal for SC/ST beneficiaries

PEDA, SRC, Kolkata conducted Ma 5-day Training Programme on "Eco-Friendly & Sustainable Aguaculture" from 13 - 17. September 2010 at Rupayan, Ramkrishna mission Lokshiksha Samity, Gosaba, South 24 parganas Dist. for the benefit of 19 Scampi farmers of different islands of Gosaba Block. Shri D K Biswas, Deputy Director (Aq), MPEDA briefed on the scope & present status of scampi farming in West Bengal. He also explained the need for crop

diversification and emphasized crab and Seabass culture as best alternative. He explained in brief cage culture of seabass and also the crab fattening techniques. The need for society formation for the development of the Sunderban area was told.

After the inaugural session, the role of MPEDA in the development of sustainable aquaculture, MPEDA's promotional schemes and scope of scampi culture in Gosaba block were explained.

During the remaining 4-days classes were taken on topics covering role and assistance offered by MPEDA for society formation, Site selection, scientific farm construction, pond preparation, water quality management before stocking, Seed selection, transportation,

acclamatization in pond, Water quality Management during culture, Feed Management, Disease management, Deleterious effect of Antibiotics in Aquaculture, Economics of Scampi culture, diversification in aquaculture and BMP and crop plan.

Shri Santi Das, FEO of State Fisheries Dept. spoke on the role of State Fisheries Dept. in the development of scampi culture in South 24 paragnas Dist. and on the Shrimp culture in West Bengal.

On the final day of the programme, a group discussion was arranged in which the farmers interacted with the officials on various problems faced by them. In the afternoon valedictory function was conducted.



Shri D.K. Biswas, DD(Aq) addressing the farmers

AQUACULTURE SCENE

2) Programme at Thalassery, Kannur Dist., Kerala for SC/ST beneficiaries

The Sub-Regional Centre (Aquaculture), Kannur organized a 5-day training programme for SC/ST beneficiaries on "Eco friendly and Sustainable shrimp farming" at Shri Narayana Samithy, Library Hall Vadakkumbad, Thalassery, Kannur Dist. from 27th September to 1st October 2010. Twenty candidates participated in the training programme. The objective of the training programme was to promote development of shrimp farming in the district among farmers belonging to SC/ST Communities.

The programme was inaugurated

by Shri K.P. Praheed, President of Eranholi Grama Panchayat. Trainees were advised to register their farms with Coastal Aquaculture Authority and requested them to adopt good management practices (GMPs) instead of using antibiotics for sustained and disease free aquaculture production. Trainees were taken to Mr. P. Pavithran's Shrimp farm at

Vadakkumbad for a practical exposure. Also the practical aspects of Mussel units were explained to trainees in the demonstration site at Pulinholikadvu, Vadakkumbad, Thalassery. A group discussion was held in the afternoon of the concluding day.

The programme was concluded with vote of thanks.



Shri. G. Kolappan, AD (Aqua), taking classes to the trainees

3) Programme at Bantumilli, Krishna District (A.P.)

MPEDA, RC (Aq), Vijayawada conducted a training programme on Eco-friendly and sustainable scampi farming under the auspices of the Fisheries Development Officer, Bantumilli, Krishna District from 21.9.10 to 23.9.2010. 21 farmers attended the programme. The training was inaugurated by Smt P Koteswaramma, President, Mandal Prajaparishad, Bantumilli, who welcomed the initiative taken by MPEDA to organize training programme and asked the trainees and farmers to practice scampi farming which fetches good price in the Domestic and export market. Dr.K Phani Prakash, Asst.Director, Department of Fisheries, Govt. of

Andhra Pradesh, in his presidential address informed that shrimp farming area was reduced due to various factors for the past five years and further in freshwater fish culture the profit also reduced due to fall in prices.

Dr.K Phani Prakash also delivered lecture on the potential of export oriented fresh water aquaculture. MPEDA officials presented importance of farm design equipments for improving productivity. The technical personnel extended lectures pertaining to freshwater scampi farming, pond preparation, improved culture methods, water quality management, feed management, pre and post harvest technology, guidelines for organic prawn farming and cage farming of seabass. A local field trip was also arranged to the trainees for practical experience in scampi farming. A total of 21 number of

trainees participated in the programme from 5 villages of Bantumilli Mandal, Krishna District. The programme was concluded on 23-9-2010 with valedictory function.

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4) Programme at Ongole in Prakasam Ditrict (A.P.) for SC/ST beneficiaries

MPEDA Regional Center (Aqua), Vijayawada has conducted a 5-day training programme on "Eco-Friendly & sustainable shrimp farming from 13-17 Sept., 2010 for 20 SC/ST beneficiaries at Nehru Yuva Kendra, Ongole in Prakasam District, Andhra Pradesh. The main objective of this training programme was to up date the trainees with the latest farming practices so that they will have a successful shrimp crop.

Sri Venkata Rao, Assistant Director of Fisheries, Ongole inaugurated the training programme on 13-9-2010 and explained the shrimp farming in the present scenario and suggested all the farmers to obtain CAA Licence and informed the role

of State Fisheries Department.in shrimp farming activities.

Sri M.Raju, Executive Director, SC Corporation, Ongole interacted with the trainees. The trainees expressed their grievances such as delay in getting patta for the land allotted by SC Corporation and electricity problems. Sri.Raju informed the farmers to send a letter to the Revenue Department with copy marked to SC Corporation so that he would make necessary arrangement to issue the patta. Regarding electricity he informed to contact the concerned Assistant Engineer of the Electricity Board to rectify the lines so that electric supply can be resumed. He assured all the possible assistance from his side.

On the afternoon of 13-09-2010 classes were taken on site selection, pond design, pond construction and role of MPEDA in promotion of shrimp farming. On 14-09-2010 the trainees were taken for field visit to farming area of L.vannamei and visited M/S. Prathyusha Aqua Farms,

Ravivaripalem, Tangutur Mandal, Prakasam District. Mr. Chenchu Ramaiah, Manager explained about farming practices of L.vannamei. Also farmers were taken to the nearby shrimp farming areas and the details of culture practices were explained to them.

On 15-09-2010, classes on "use of chemicals and probiotics in shrimp farming" "selection of quality shrimp seed, transportation and acclimatization" and on "Disease control and shrimp health management" were taken.

On 16-09-2010 a class on "pond preparation and water quality management in shrimp farming" was taken.

On 17-09-2010Sri. Chandra Mohan Reddy, Youth Co-coordinator, Nehru Yuva Kendra, Ongole, delivered valedictory address. Sri Chandra Mohan Reddy later distributed the certificates to the trainees. The programme was concluded with vote of thanks.

5) Programme at Olpad Village, Surat Dist., Gujarat

MPEDA Regional Centre (Aquaculture), Valsad organised a 5-day general training programme on "Eco friendly and sustainable shrimp farming" at the Sonsak group Cooperative Cotton Sale Society Hall, Asnad, village Olpad, Surat District from 20-24, September 2010. 29 farmers from different coastal villages of Surat Dist. attended the training programme.

In his inaugural address Shri Saifuddin Anis, Dy. Director (Aq), introduced the trainees on different culture practices of shrimp farming.

He also explained object of the programme titled "ECO-FRIENDLY AND SUSTAINABLE SHRIMP FARMING".

Important topics such as Role of MPEDA in shrimp farming activity, Site Selection and farm construction, Shrimp life cycle, Pond preparation, selection. Packing. transportation, acclimatization and stocking of seeds in culture pond, water quality management, feed management, Disease management, Chemical and Probiotics usage, Antibiotics usage and its hazards, Organic aquaculture, Economics of shrimp farming, Harvest and post harvest management etc. were covered in detail by technical officials of MPEDA, RC (Aqua), Valsad. Trainees were also made aware of land leasing policy, financial and other schmes of MPEDA, Coastal Aquaculture Authority Act & Rules and procedure to avail license and Good management practices. A field trip was organised on 22-09-2010 to the farm of Shri Iqbalbhai at Orma village, Surat Dist.

In the technical session quality requirement by importing countries was also covered. In this session, issues such as detection of antibiotics in aquaculture products, HACCP, traceability certificate for farmed shrimp, pre-harvest test certificate for the farm produce from approved ELISA lab etc. were explained. A group discussion was held in the afternoon of the concluding day.

The valedictory function was held on 24th September, 2010.

Awareness campaign against use of antibiotics in aquaculture

1) Campaign at Gopalpur No.2 Panchayat, North 24 Paragnas Dist., West Bengal

To make the shrimp farmers of West Bengal aware on the banned antibiotics / chemicals MPEDA proposed to conduct 10 awareness campaigns "Against use of Antibiotics in Aquaculture" in the State during the current financil year. In this series the seventh campaign was organized at Gopalpur No.2 Panchayat, North 24 Paragnas Dist.on 20.10.2010 by the Regional Centre. In Gopalpur No.2 Panchayat there are 150 small & marginal farmers who are operating mainly Gheri culture.

Apart from MPEDA officials, Md. Asmat Mondal, Pradhan and Md. Abdul Latif Mondal, Member of Gopalpur No2. Panchayat participated in the campaign. 46 farmers attended the Campaign and

evinced keen interest in the recent developments in best farming practices to ensure shrimp production with international quality specifications. In the campaign the farmers were requested to adopt better farm management practices instead of using antibiotics and chemicals in aquaculture and use probiotics instead of antibiotics for the pond bottom and water management.

Shri Hafizul Sekh Mondal, leading farmer of Bhubanpur village of Gopalpur No.2 Panchayat gave a brief account on the present status of shrimp culture in Gopalpur village & presented some major issues of the farmers, mainly white spot diseases, non availability of quality shrimp seeds etc.

It was conveyed by MPEDA that if the farmers were not maintaining international quality standards of the shrimp and also if they do not obtain licence either from State Fisheries Department or CAA, they would not be able to sell their shrimp for export after 31st December 2010. They should comply with various provisions of the law of the land, i.e., getting the Coastal Aquaculture Authority Licence, Licence from Dept. of Fisheries & Trade Certificate. It was suggested to form "Aqua Society" in each farming cluster to follow community farming which will enable them to obtain group certification. He advised the farmers to take up scientific farming with low stocking of hatchery produced PCR tested seeds and also on disease management by using suitable probiotics instead of antibiotics.

The meeting came to an end with the vote of thanks proposed by Mahasin Dhali, Field Supervisor of MPEDA.

2) Campaign at Kakatpur, Kendrapara Dist. in Orissa

MPEDA, RC (Aq), Bhubaneswar organised a campaign programme against use of antibiotics at Kakatpur, Kendrapara Dist. on 24-9-2010 which was attended by 44 shrimp farmers. The officials participated were Shri Jagadish Panda, DFO I/c, and Shri Biranchi Narayan Kar, Deputy Superintendent of Fisheries, Kendrapara.

MPEDA advised the farmers for the testing of shrimp/scampi samples by ELISA laboratories set up by MPEDA at Balasore and Paradeep for detection of antibiotics/chemicals prior to harvest. It was suggested to form cluster based Aqua Farmers Societies and to adopt BMPs for sustainable production.

Shri Jagadish Panda, DFO, I/c,

Kendrapara suggested farmers to stock PCR tested seed in their farms & requested farmers to apply for the registration with the Coastal Aquaculture Authority and avail all Govt. facilities after obtaining the

CAA registration.

A brief account on the present status of shrimp culture in the State, MPEDA's promotional activities and formation of cluster based Aqua clubs in each village, were specified.



L-R: Shri Biranchi Narayan Kar, DSF, BFDA, Kendrapara, Shri C Wilson, DD, MPEDA, Shri Jagadish Panda, DFO (I/c), BFDA, Kendrapara

AQUACULTURE SCENE

3) Campaign at Tantulbelari Village, Jagatsinghpur District, Orissa

MPEDA, RC (Aq), Bhubaneswar organized an awareness campaign against use of antibiotics/chemicals in aquaculture on 27.09.2010 at Tantulbelari village in Jagatsinghpur District, Orissa in which 50 farmers participated.

It was suggested that shrimp farmers should not use any banned antibiotics/chemicals during their culture practices and use only healthy and antibiotic free shrimp seed produced by hatcheries.

The farmers were cautioned that a few shrimp seed samples collected under NRCP & monitoring of hatcheries were being tested positive for antibiotics and WSSV and hence farmers should take utmost care while procuring seed from hatcheries. Officials also explained the concept involved in 'Eco-friendly & Sustainable Shrimp Farming' in detail.

Shri Rakhal Das, Ex-Sarpanch & Lead farmer narrated his experiences

in shrimp farming. 'Now farmers are facing multiple problems and responsibility of farmers are very high and they have to produce quality shrimp without using any banned antibiotics/chemicals', he said. The programme ended with vote of thanks.



Farmers & officials - A view

Awareness campaign on organic scampi culture & its export demand

MPEDA, RC (Aqua), Bhubaneswar has organized an Awareness Campaign on "Organic Scampi Culture" at Udala, Mayurbhanj Dist. on 27.09.2010. 50 scampi/fish farmers participated in the programme. Shri Raghunath Kar, Deputy Superintendent of Fisheries, Mayurbhanj and Shri Manmath Chandra Nayak, Fisheries Extension Officer, Udala addressed the farmers during the programme.

MPEDA officials explained about practical approach of scampi farming, advised the farmers to go for scampi farming and assured full support for development of the scampi farming in this area. He explained on the construction of ponds in scientific way to get successful crop. The farmers were advised not to use costly feeds and explained about MPEDA schemes for scampi farm development and Interstate study tour for scampi farmers.

Shri Raghunath Kar, DSF, Mayurbhani thanked MPEDA for conducting such valuable programme in their area & gave a note on the scampi culture practice of the area. He discussed on the present issues of the farmers & advised the farmers to utilise fully the information gathered during the programme. He emphasized upon organic scampi farming and requested the farmers to involve them in organic scampi farming with help of MPEDA.

Shri Manmath Ch Nayak, FEO, Udala thanked all the participants for attending the awareness campaign. He gave a note on the present aquaculture practice of the area. He discussed the present issues of the farmers & advised the farmers to utilize the information gathered during the programme for the future development.

MPEDA officials explained on the



L-R: Shri Manmath Ch Nayak, FEO, Udala, Shri C Wilson, DD, MPEDA, Shri Raghunath Kar. DSF, FFDA. Mayurbhani & Dr A Anand Kumar. JTO. MPEDA

nursery rearing, segregation of male & female, monoculture of scampi taking into consideration the local conditions and organic scampi farming with the assistance of MPEDA.

At the end of the programme a discussion was made and suggestions

were provided for the doubts raised by the farmers. All relevant literature on scampi farming was distributed by MPEDA.

3-day training programme on "Adoption of BMPs in shrimp culture and species diversification in aquaculture"

With an aim to disseminate technologies to the farmers a 3-day training was conducted on "Adoption of BMPs in shrimp culture and species diversification in aquaculture " from 15/09/10 to 17/09/10 at the hall belonging to Khadikapada Aqua Farmers Welfare Society, Khadikapada Village, Balasore District for the benefit of 20 farmers of the locality.

The inaugural programme was attended by Shri A. Samal , JFO ,Balasore, Sk Khalisa, State Coordinator, NaCSA, Balasore, Shri Tapan Mohapatra, Secretary, Khadikapada AFWS, Balasore besides MPEDA officials .

JFO, Balasore narrated the adverse impact in export trade upon usage of antibiotics in shrimp culture and requested farmers not to use any banned antibiotics /chemicals during the culture practice.

State co ordinater, NaCSA explained the role of NaCSA and expressed his heartfelt thanks in forming societies and doing shrimp culture in co-ordinated manner. He informed farmers, those who are not under the society, to form societies in their cluster and ensure successful crop during the ensuing culture. He suggested farmers to form more and more societies and take full advantage of MPEDA schemes for formation of societies.

Secretary, Khadikapada AFWS mentioned that shrimp culture during 2008 and 2009 faced severe disease outbrake and many farmers suffered loss.

The inaugural session was followed by training classes as per schedule.



Dignitaries on the dias

Classes on site selection, pond preparation, construction/maintenance of shrimp farm and seed quality testing, transportation, stocking in grow out pond etc. The lectures on the second day were on soil and water quality management in aquaculture and CAA act and registration.

Lectures were also delivered on the shrimp health management, feed management and pond management, economies of shrimp culture, post harvest technology to maintain quality of shrimp, abuse of antibiotics in aquaculture and preharvest ELISA test for traceability of shrimp.

On third day the classes were taken on BMPs in shrimp farming and effluent treatment system to minimize the chances of water pollution and spread of contamination and species diversification in aquaculture. Farming of diversified species like seabass, scampi, crab etc. were explained. Open pond /cage farming of seabass, crab farming, scampi farming etc were dealt with through power point presentation. A group discussion was arranged where the farmers interacted with the officials on various problems faced by them during the end of the training on 17-9-2010.



A view of the audience

Farmers meet on responsible shrimp farming for sustainable export market Agua Club in the a



Shri C Wilson, DD, MPEDA addresses the Farmers Meet

one-day Shrimp Farmers' meet Awas organized by the Regional Centre (Aqua), Bhubaneswar on "Responsible shrimp farming for sustained export market" where 105 shrimp farmers from nearby villages Gajagopalpur, Rajnagar, Sikharpahi, Dangamal, Talachua and nearby areas participated. Other dignitaries attended the meeting were Shri Jagadish Panda, Dist. Fisheries Officer-cum-CEO, BFDA/FFDA, Kendrapara, Shri Rabi Narayan Hati, Ex-Chairman, Rajnagar Block and Shri Girish Chandra Nayak, Sarpanch, Gupti Panchayat. Besides, officials from MPEDA & BFDA attended the meet.

MPEDA officials explained the need for sustainable shrimp farming in the State. He requested the farmers to join hands to form aqua society immediately to address the issues. It was informed that adoption of GAP in shrimp farms will minimise the production cost and get more profit.

In the inaugural address, Shri S N Sarkar, Deputy Director of Fisheries (BW), presented a brief account on the development of shrimp culture in the country vis-à-vis in Orissa mainly through various promotional activities of the Government. Shrimp culture was initiated way back in 1980.

Shri Jagadish Panda, Dist. Fisheries

Officer, Kendrapara during his felicitation address requested the farmers to join hands and form aqua society immediately to address the issues. He informed the new concept of organic farming which would fetch more price. He also stressed on early registration of farms with CAA under special drive within a time frame stipulated by Govt. and comply with pre harvest testing.

Shri Rabi Narayan Hati, Ex-Chairman, Rajnagar Block spoke on the local issues related to shrimp farming and suggested the organiser to implement the schemes related to shrimp farmers. He informed the farmers to make full use of the programme and requested MPEDA to conduct such programme in other farming areas too.

Shri Girish Chandra Nayak, Sarpanch, Gupti Panchayat requested shrimp farmers to join hands to form Aqua Club in the area. He also promised the Authority to cooperate in the special drive for CAA Registration of the shrimp farms within the stipulated period.

Few progressive shrimp farmers showed interest in the formation of Aqua Clubs. They requested officials on timely guidance on technical aspects and also requested the farmers to make groups and invite the Govt. officials regularly for interactions on recent issues and developments in the trade, which would help to propagate the message to all farming clusters.

The inaugural session was followed by technical session in which the following topics were presented:

- 1. Legal aspects of shrimp Farming,
- 2. Feed & Feed management,
- 3. Sustainable shrimp farming through BMPs'/GAP, Organic shrimp farming,
- 4. Antibiotic issues and need of ELISA Tests and
- 5. Need of aqua society for shrimp farming.
- 6. Species Diversification etc.,

A Group discussion was conducted to clear the doubts raised by the participants. There was a good interaction among the farmers and officials and it was generally expressed that cluster based aqua clubs will be formed which would be the best option for antibiotic free shrimps to be produced through adoption of BMPs. The programme ended with vote of thanks.



A view of shrimp farmers at the Farmers Meet

Training programme on "Sea Bass Cage Culture" at Kolad,

Kannur dist.

MPEDA, SRC (AQ), Kannur organised a 3-day training programme on "Seabass cage culture' at Kolad, Thalassery, Kannur dist. from 26 -28 August 2010 for the benefit of existing shrimp farmers and new entrepreneurs of the area. Twenty candidates participated in the training programme. The main objective of the training programme was to train the beneficiaries on Seabass cage culture and to motivate the trainees to take up Seabass culture wherever possible.

Smt. V. Leela, President, Pinarayi Panchayat, Thalassery inaugurated the training programme.

MPEDA officials took classes on various technical aspects of cage culture of Asian Seabass such as life cycle of seabass, identification and preparation of farm, installation of catwalk, nursery rearing, stocking in



Shri. G. Kolappan, AD (Aqua), taking classes to the trainees

cages, feeding, grading and harvesting.

Trainees were taken to the Seabass demonstration pond at Azhithala, Kasargode district. Sea bass culture techniques were explained to the trainees during the field trip.

A group discussion was held in the

afternoon of the concluding day. Officials of MPEDA clarified the doubts of trainees.

The training was concluded with distribution of certificates to 20 candidates who have successfully completed the training programme.



NEWS SPECTRUM

Exports record 21% growth in Oct to touch \$18 billion

The country's exports registered a 21.3 per cent growth at \$18 billion during October this year as compared to same month last year, while imports grew by 6.8 per cent to touch \$27.7 billion, the Commerce Secretary, Mr Rahul Khullar, said on Monday.

Addressing a press conference, Mr Khullar said during April-October this year, exports reached a level of \$121.4 billion registering a growth of 26.8 per cent while imports during the same period grew by 26 per cent at \$194.2 billion.

"Exports growth for first time (in last three to four years) is higher than imports growth," Mr Khullar said and added that the exports would cross the \$200 billion target set for the fiscal. The Secretary felt that sectors like engineering goods and petroleum products are likely to help boost exports.

During April-October this year, the trade deficit stood at \$72.8 billion and India could end the year with an import-export gap of about \$125 billion, Mr Khullar said.

The Secretary said that all the sectors including engineering, gems and jewellery, marine products, petroleum and its products, leather and leather products had done well.

Meanwhile, in a statement, the



President, Federation of Indian Export Organisation (FIEO), Mr A. Sakthivel, said that export growth outpacing import growth during April-October 2010 had taken "us by pleasant surprise."

He however said that the momentum given to exports in the last few months needs a further push in view of fragile market condition in the second half of the financial year. The growth in export is primarily due to overall improvement in export scenario across products barring a few, he said. The FIEO President pointed out that much of it is coming due to diversification of export market pushed through in last one-and-ahalf years.

- Business Line

UN finalises first global guidelines for fish production certification

Consumers will now benefit from standardised seafood labels, thanks to the first-ever global guidelines for aquaculture certification having been adopted at a United Nations-backed meeting; It was announced on October 1.

More than 50 countries attended

the Phuket, Thailand, meeting of the sub-committee on Aquaculture of the Committee on Fisheries, part of the UN Food and Agriculture Organisation (FAO). The sub-committee is the only global intergovernmental forum discussing aquaculture development.

The non-binding guidelines – finalised after four years of debate among governments, producers, processors and traders are the first to subject animal health, food safety, the environment and socio-economic issues relating to aquaculture workers to compliance or certification. They will go before the Committee on Fisheries for approval when the body meets next January in Rome.

If the guidelines are followed in full by countries, consumers at the fish counter will know whether the shrimp they are considering purchasing were raised without damaging a coastal mangrove swamp, whether the fish farm worker was paid a fair wage and whether the shrimp is contaminationfree.

FAO aquaculture expert Rohana Subasinghe said, "These guidelines have been developed to bring some harmony to what is the fastest-growing food sector in the world."

"Certification of aquaculture products has proliferated over the years claiming all kinds of things," he continued. "There was no criteria, no benchmarks or agreed principles. Aquaculture products are global-traded and it is important that we ensure responsible production and consumer satisfaction."

Among the world's fish farmers, 80% are small-scale, often with a backyard pond for fish or a shrimp pond along the coast. One thorny issue that had to be resolved was how a costly certification process could be engineered so that small-scale producers were not shut out of the market

The new guidelines call on governments to support fish producers develop and comply with aquaculture certification systems. "There are ways for small producers to operate within a modern certification system," said Subasinghe, who pointed to clusters of fish farmers in India and Thailand who share the costs of compliance.

- fnbnews.com

Asia-Pacific continues to remain largest market for seafood

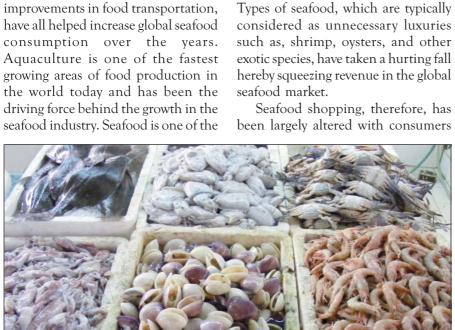
IA has announced the release of Jits comprehensive global report on Seafood (frozen, canned & fresh) market. Although currently tempered and moderated by the world economic recession, the global market for seafood is projected to regain poise, in the medium to long-term, to reach \$371.3 billion by 2015.

Factors fingered to drive this growth include growing population, post recession resurgence in consumer affluence, technological improvements in seafood processing, storage, packaging and infrastructure developments for better seafood transportation. Encouraging gains in demand from developing markets such as Asia-Pacific and Latin America also augurs well for the market.

Seafood today is considered as an extremely healthy diet, and a rich source of protein.

Innovations in seafood processing, rising health concerns, growing consumer awareness over the importance of healthy diet and most complex categories of food with regulatory changes, economics and weather having a direct impact on the delicate balance of supply and demand and price.

The current recession resulted in rising rates of unemployment, falling disposable incomes, reduction in household wealth, and crumbling consumer confidence. All these have triggered changes in consumer food purchasing and consumption patterns/behaviour. Decline in income levels have reduced the spending on groceries, especially meat, poultry, and seafood. Tight liquidity and financial constraints have redefined value and have induced simplicity in lifestyles including food consumption. With one of the inescapable symptoms of the recession being declines in consumer spending and purchasing power, a seismic change in attitude is currently underway with consumers cutting down spending on products including food that are considered as luxury.



reducing the frequency of seafood consumed at restaurants and fast food joints, and resorting to at-home cooking. While the at-home cooking trend has increased the number of trips to supermarkets and convenience stores, retail purchases have also shown shifts towards cheaper products. The market has witnessed rampant substitution of higher priced products/brands with less expensive yet healthy, high quality products. The market also witnessed consumers substitute seafood with other cheaper protein sources. With price becoming a major factor influencing the consumer food consumption trends, seafood has been largely replaced by less expensive alternatives such as chicken or other low-cost protein rich

With fewer consumer visits to highend restaurants, demand from restaurants and fast food centres for seafood has witnessed significant erosion. Seafood varieties such as fresh tuna, sushi and shrimp, which are usually consumed more at restaurants and other food service outlets have especially been the most affected product segments in the seafood market. In addition, rise in seafood prices as a result of accidental marine oil spills, such as the recent Gulf Coast oil spill, exert pressure on the market.

Although efforts to eat healthy food are currently crushed by financial considerations, the depressing economic factors are not expected to overshadow concerns of health and well being for long, especially in today's society where emphasis on healthy diet is gaining utmost significance. With the recession now at its tail end and with the green shoots of recovery in the world economy becoming increasingly visible amid the vellow weeds, resurgence in consumer confidence and spending power will push the emphasis back on high-nutrition foods.

As stated by the new market

NEWS SPECTRUM

research report, Asia-Pacific continued to remain the largest and the fastest growing regional market for seafood. Growth in Asia-Pacific was driven by increasing seafood consumption as a result of economic growth, growing income levels, and improving spending power in regional economies, especially China and India.

By product, Fresh/Frozen/Chilled Fish market was the largest segment. The Shell Fish market remained the fastest growing product segment.

Major market participants include Amalgam Enterprises, Dongwon Group, Faroe Seafood, Fishery Products International Inc, Fishery Group Trebon, Hansung Enterprise Co. Ltd, Lyons Seafoods Limited, Princes Ltd, Sajo Industries Co Ltd., Stolt Sea Farm S.A, Surapon Foods Public Co Ltd., The Seafood Company, Tri Marine International Inc., among others.

The research report provides a comprehensive review of trends, issues, product developments, mergers, acquisitions and other strategic industry activities. The report provides market estimates and projections for geographic markets such as the United States, Canada, Japan, Europe (France, Germany, Italy, UK, Spain, Russia and Rest of Europe), Asia-Pacific, Middle East and Latin America. Product segments analysed include Fresh/Frozen/Chilled Fish, Canned Fish, Cured Fish, and Shell Fish.

- fnbnews.com

Fisheries board to develop Arunachal's fish ponds



Itanagar, Oct 9 (PTI) The National Fisheries Development Board (NFDB) has embarked on an ambitious project to develop Arunachal's fish ponds on cluster basis towards augmenting the fish production."The NFDB, in its recent review meeting in Delhi, has decided to take up intensive aquaculture in entire Arunachal," Tage Moda, Director of Fisheries, said here

today. The NFDB has entrusted the College of Fisheries under Central Agriculture University at Tripura to conduct technical feasibility study to develop fisheries and aquaculture in a big way in all the 16 districts of the state. A team from the college recently undertook visits in Papum Pare and Lower Subansiri districts to conduct a technical feasibility study, Moda said.

PTI

Blue revolution in Surat's coastal villages

SURAT: Mr. Vasant Safri, sarpanch of Delasa village of Olpad taluka of Surat, worked as a metre reader of an electricity company and barely managed to feed his family. However, a plunge into shrimp farming changed his life. He started with one pond on the barren land next to his home and now has 10. His monthly income is nearly Rs 80,000 per month and he lives in a bungalow on the outskirts of Surat city.

This is not just an isolated incident. Shrimp farming has changed the lives of nearly 10,000 families of 20 villages in the district. It was in 1994 that Surat district collector granted 2 hectare of land each to 88 people of Dandi village in Olpad taluka for aquaculture.

Mr. Manoj Sharma of Surat Aqua Culture Farmers Association (SAFA), said, "Our main objective is to popularise shrimp farming, provide seed, feed and necessary information and knowledge to farmers and help them with collective marketing and exports."

At present shrimp farming is done on 1,500 hectares of land in the district, which produces a yield of 2,800 tonne of high quality shrimp and provides employment to 10,000 families.

"Site is an important factor in shrimp farming. Surat has 24,300 hectare of area with brackish water of which 1,500 hectares is being utilized for shrimp farming," said Sharma. "Shrimp farms are developed at a particular spot after a survey by MPEDA and Gujarat Government. Topography, climatic conditions, water quality, pollution levels etc. are important factors which are considered during site selection," he added.

- Times of India

US Govt selects two firms for anti-dumping fifth review

The US Department of Commerce (DoC) has selected two Indian seafood export companies, Falcon Marine and Apex Exports as mandatory respondents for the fifth administrative review (AR) of the anti-dumping duty on import of shrimp from India.

This is the first time that Apex Exports is selected as mandatory respondent while Falcon was included in all the ARs so far. The DoC had issued notice for the fifth AR in this April according to a petition filed by the two US shrimp producers, the Southern Shrimp Alliance (SSA) and Lousiana Shrimpers Association (LSA). They had requested to review the exports of 203 Indian companies, but DoC selected two Indian companies for detailed examination.

The anti-dumping duty on frozen shrimp imports to the US was imposed provisionally with effect from August 4, 2004 and the levy was confirmed through the Anti-dumping Duty Order dated February 1, 2005.

According to the order in 2005, the average duty imposed on Indian companies was 10.17 per cent and in the first AR it was reduced to 7.22 per cent. This was further reduced to 1.69 per cent in the second AR and to 0.79 per cent in the third review. But to the dismay of Indian exporters, the duty was hiked to 2.67 per cent in the next round. The Indian seafood export sector was actually hoping for zero duty. The Indian seafood exporters. led by the Seafood Exporters Association of India, presented their case promptly, but the US authorities hiked the duty. So the 5th AR is crucial for the sector.

- Business Std.

Matsya Mela to be held in Dec to bait investments

he Karnataka Fisheries Department and the National Fisheries Development Board are planning to hold a four-day Matsya Mela in December to give a fillip to the sector. "The mela is to focus mainly on food processing and seed generation. Importance will also be given to attract investments in the sector," Mr H.S. Veerappa Gowda, director, Karnataka Fisheries Department, told Business Line.

The National Fisheries Development Board, Hyderabad, and the Karnataka Fisheries Department are pitching in with Rs 25 lakh each to hold the mela from December 24 to 27 in Bangalore. A similar festival was held recently in Hyderabad. The main attraction at the mela will be demonstrations of fish products, value-added fish products (food processing), sale of aquarium accessories and ornamental fishes, said Mr Gowda.

The event, apart from highlighting the opportunities in the sector, will aim to attract investments in fish-related industries especially in food processing - ready-to-eat products. Highlighting the sector is crucial for the State as it offers employment to over 15 million rural people, both directly and indirectly. The fisheries department chief said exhibiting the State's potential can lead to domestic and international orders, in addition to creation of jobs by attracting investments. Another key aspect that is likely to be taken up at the event is the role of fish in nutritional and food security, as fish is the cheapest animal protein source. "Fish is considered as a health food by virtue of its richness in essential amino acids and minerals and because of its low-fat contents," said Mr Gowda. Another attraction at the mela will be a cookery competition. Efforts are on to organise food stalls.

The director said: "Efforts are being made to invite people who are well versed in preparing delicacies using seer fish, mackerel, sardine or pomfret."

- Hindu/B.Line

Rare prawn species discovered

"HIRUVANANTHAPURAM: zoologists, Madhusoodanan Pillai and V Unnikrishnan from the MG College. here have discovered a rare species of prawn. The finding has been published in the September issue of international 'Crustaceana' published from Holland. The zoologists found this new species from Ithikkara in the Western Ghats region. The largest

prawn they found measured 54 mm, which could have economic importance. This prawn differs from its closest relatives by the number and arrangement of teeth, size of rostrum and pigmentation on the tail.

The newly-discovered prawn has named Macrobrachium madhusoodani, after its discoverer, by the international panel of referees.

- Express News Service

Seafood exports up on US demand

KOCHI: The loss of marine life in the Gulf of Mexico after the disastrous BP oil spill has become a business bonanza for India . prawn and shrimp farms. Seafood exports to the US have seen an unexpected growth in the first five months of the current fiscal.

Seafood shipped to the US has seen a 60% increase in the April to August period this year. In dollar terms, the increase during this period was close to 68%. Mr Abdul Karim, managing director of Chennai-based Welcome Fisheries, told ET that "due to the low fishing activity in the Gulf of Mexico, there is a shortage of seafood products in US." He said that almost all major exporters to the US have shipped larger volumes this year.

Seafood exports from the country to the US were on the decline following the anti-dumping duty imposed by US Department of Commerce on shrimp exporters from six countries including India. The US was the largest importer of Indian seafood in the middle of this decade but moved to the fourth rank in the list of India's seafood trading partners by 2009-10.

- The Economic Times

Developing Vaccines To Protect Farmed Fish

US - US Department of Agriculture (USDA) scientists are developing vaccines to help protect healthy farm-raised catfish against key diseases.

Working as a team, microbiologist Phillip H. Klesius and molecular biologists Julia Pridgeon and Craig Shoemaker USDA's Agricultural with Research Service (ARS) at the agency's Aquatic Animal Health Research Unit in Auburn, Alaska, and Joyce J. Evans, aquatic pathologist at the Auburn unit's lab in Chestertown, are developing vaccines against Streptococcus iniae, S. agalactiae and other pathogens.

The scientists modify the genetic makeup of pathogens to make them nonvirulent, and then develop vaccines that expose fish to low doses of the modified forms of the pathogens.

Mr Klesius and Ms Pridgeon have developed a modified live S. iniae vaccine that appears to be superior to inactivated or killed vaccines. The live modified vaccine has enough similarity with the pathogen to create a lifelong immunity in fish, according to Mr Klesius.

Scientists are looking at new methods to vaccinate fish. But for now, the vaccination process consists of immersing the fish in water that contains the modified pathogen.

Previous research breakthroughs have benefited the catfish industry. For example, a ARS-developed vaccine against the pathogen Edwardsiella ictaluri, which causes enteric septicemia, has been widely adopted by fish growers.

In an earlier trial, the vaccine against enteric septicemia of catfish was tested by Mississippi State University researchers. Results showed a 12 per cent increase in the survival rate of fish that were given the vaccine, and a substantial increase in returns for producers who used the vaccine in their ponds.

- The Fish Site News Desk

Fishing nations force EU retreat on bluefin tuna

France, Spain and other Mediterranean nations forced the European Union to retreat, on November 18, from an ambitious plan to save the threatened and prized bluefin tuna.

After drawn-out negotiations, the 27-nation EU abandoned a plan to seek cutbacks in fishing quotas based only on scientific advice and said it will now also take the interests of tuna fishermen into account. Representatives from 48 countries around the world are preparing to set

fishing quotas for the Atlantic bluefin, whose tender red meat is popular in sushi in Japan.

Some conservationists want quotas slashed at the meeting, while others want fishing suspended entirely, saying that fraud and illegal fishing tactics are rampant in the Mediterranean. The conservation group WWF says the species is "on the brink of extinction."

Bluefin tuna stocks in the eastern Atlantic and the Mediterranean have dropped 60 per cent from 1997 to 2007. This year, large European fishing boats had to stop fishing for bluefin in June because they had already used up their entire yearly quota.

In March, Japan and other Asian nations blocked efforts at the United Nations to declare the fish an endangered species, which would effectively have banned any international trade in it. Japan consumes about 80 per cent of the world's Atlantic bluefin tuna.

- AP/The Hindu

NEWS SPECTRUM

Rising white shrimp production pushes up exports

Rising production and export of vannamei or white shrimps is likely to help Indian seafood exports record an impressive performance in the current financial year, officials of the Seafood Exporters Association of India (SEAI) said.

Strong demand from South Asian countries and revival in the US market are also helping the sector, national president of Seafood Exporters Association of India (SEAI) Anwar Hashim, told FE.

Hashim estimates that more than 20,000 tonne of vannamei shrimps is expected to be exported in the current financial year giving a competitive edge to Indian exporters on prices. According to figures of the Marine Exports Product Development Authority (MPEDA), exports during the four-month period of April-July 2010 is up by 23 % as compared to the same period last year. Exports in 2009-10 aggregated to 663,603 tonne valued at Rs 9,921.46 crore (\$2,105.60 million).

India started farming vannamei shrimps in 2010 following stiff competition from countries like Thailand and China in the global market.

India produces mainly black tiger shrimp and processing facilities are running at only about 30% of their capacity. Export rivals in Asia, such as Thailand, Vietnam and Indonesia, have already introduced this variety which lead to a jump in their production. Black tiger shrimps have higher production costs and lower yields than vannamei.

According to SEAI sources, the cost of production of vannamei is \$2.29 per kg which is just half the cost of producing other Indian shrimp species.

"Buying in the US and EU market has improved and a global shortage of shrimps is helping us get better value. Hopefully, after the fifth administrative review of ant-dumping duty things will improve very fast," Hashim said.

He added that buying from South Asian countries, which include China, has been sustained. China with a share of 17.73% of the total exports in 2009-10 is proving to be major focus for Indian exports in the future. South East Asia countries with 14.61% of the share follow China.

"The only dampener has been the appreciation of the Indian Rupee which has eroded profit margins. The increased catch in Indian coast has helped us withstand the loss suffered in exports," he added.

In the west coast of India landing of squid and cuttle fish, which are exported to China, have increased substantially in the last few months, helping in controlling the input cost. The sector has been further aided by the revival of aquaculture in the east coast.

- biz.yahoo.com

Women in Tuticorin village receive training in ornamental fish breeding

Tuticorin: A three-day training in ornamental fish breeding and culture was organised for 40 women recently at Thirukkalur under the

Establishment of Fisheries Rural Bioresource Complex project funded by the Department of Biotechnology, New Delhi.

The training programme was organised by Fisheries College and Research Institute (FCRI), a constitutent of TANUVAS, Chennai. Dr. V.K. Venkataramani, Director of Research and Extension, emphasised that ornamental fish culture and breeding activities would improve the socio-economic status of women.

Ornamental fish culture business would not require high investment; even with a meagre initial investment of Rs. 500 to Rs.1,000, women could start a venture.



ENTREPRENEURIAL SKILLS: V.K.
Venkataramani, Director of Research and
Extension, FCRI, addressing a training
programme at a village in Tuticorin
district.

The FCRI had initiated a marketing tie-up with ornamental fish wholesalers for buying the fish from the village itself.

Mrs.P. Padma, Block Development Officer, Thirukkalur, said that the village would soon become an ornamental fish breeding centre of Tuticorin region since the water resources were good.

There were demonstrations on ornamental fish breeding, preparation of pelleted feed using household kitchenware, construction of glass tank with silicon paste, monitoring of water quality and transportation of fish in polythene bags.

Dr. N. Felix and K. Ratnakumar were the programme coordinators.

- Hindu

Centre urged to defer Coastal Regulation Zone notification

CHENNAI: Chief Minister M. Karunanidhi on Friday requested Prime Minister Manmohan Singh to defer issuing the Coastal Regulation Zone (CRZ) notification till the apprehensions of fisherfolk and environmentalists are allayed.

In a letter, Mr. Karunanidhi said there was a strong apprehension among the coastal communities that the draft notification would cause widespread destruction to the livelihood of fishing communities and other poor communities in the coastal areas, resulting in damage to coastal ecology and marine resources.

Further, it was felt that the introduction of amendments under the draft CRZ Notification 2010 such

as "revision of Coastal Zone Management Plans every five years", "hazard line", "critically vulnerable coastal areas", gave the scope to tamper with zones and accommodate new interests from time to time.

Already, the State was experiencing a series of agitations in the coastal areas, strongly opposing the draft Notification.

Environmental concerns

Environmental groups were also apprehensive that the draft CRZ notification 2010 encouraged growth of certain interest groups at the cost of environment.

"Any drastic changes in the existing regulations may cause distress among the fisherfolk and some interested groups may create law and order problems utilising the situation," Mr. Karunanidhi said.

The Chief Minister recalled that in September 2008 he had requested Dr. Singh to defer issuing the draft Coastal Management Zone notification 2008 till the coastal communities, especially fishermen, accepted it.

The notification was allowed to lapse then, Mr. Karunanidhi pointed out.

The present letter was in response to the publication of the draft CRZ notification in September 2010, requesting objections or suggestions, he added.

- The Hindu

Seafood's healthful benefits far-reaching

A report released on the other day reaffirms seafood's position as a "super food" and suggests that the protein's healthful benefits are more far-reaching than dieticians and nutritionists realize.

A summary of the report's findings was presented by Amanda Johnson, a New Zealand registered dietitian, at the International Seafood and Health Conference in Melbourne, Australia. The five-day event runs through Wednesday.

"The Role of Seafood in Healthy

Diet" explains seafood's role in a healthy lifestyle and disease prevention.

The research suggests that in children there is a positive link between eating seafood and cognitive development, and that in adults regular seafood consumption may help reduce the risk of cardiovascular disease. Additionally, emerging research suggests that fish oil supplements may reduce the risk of some cancers and help alleviate the symptoms of some inflammatory

conditions such as rheumatoid arthritis.

"Fish provides an excellent package of nutrients, including protein, omega-3 fatty acids, B vitamins, iron, zinc, selenium and iodine," said Johnson. "My advice would be to have one to two portions each week, with a particular focus on oily fish such as salmon and sardines, which provide those all-important omega-3 fatty acids."

"We have known for some time that seafood can offer benefits in terms of heart health, but this new report indicates that there may be more far-reaching benefits from seafood in promoting good physical and mental health and protecting us from disease," added Peter Bodeker, CEO of the New Zealand Seafood Industry Council. "We look forward to keeping a close eye on the research as more results are published in this important area."



- SeafoodSourcestaff

Liu Hong Jian

Tian Jin New Dragon Fishery Co. 14, Jufuyan Building Hexi (Dt), Tianjin, China-300 350. Tel/Fax: 86-22-88829596 Cell: 86-15822460786/86-13332033989 Amyzxf2010@163.com Frozen ribbonfish, yellow croaker, solefish (silver fish chilled before January)

Hao Shu Ling

Dalian Anda Imp. & Exp. Corp. Ltd. C1601, Anda Building, No.74, Luxun Rd. Zhongshan Dt. Dalian P.C.116001 Tel: 0411-82707414/82707424 Cell: 13504087018 Fax: 0411-82725546 e-mail: hsl@andaie.com Frozen shrimps, tiger prawns, flower, king shrimps.

Shi Zhong Tie

General Manager, China Dalian Zhongtie Trade Co. No.47, Beihai Street Xigang Dt. Dalian Tel: 0411-82623688 e-mail: ztsc3520@sina.com Cell: 13942640436 H.P: 13940974969 Frozen shrimps

Monica Zong

Quingdao Liuting Seafood Co. #490#518, Pingyang Road, Chengyang Seafood Wholesale Market, Quingdao, China. Tel/Fax: +86-0532-87763780 Cell: +86- 15253290829 e-mail: liutingseafood@gmail.com liutingseafood-2@hotmail.com Skype: lilly.quingado Silver/Chinese pomfret, solefish, cuttlefish whole, catfish, croaker fish

Lie Wei

Deputy General Manager, China Meheco International Trade Development Corporation, No.18, Guangming Zhongjie, Chongwen District Beijing- 100 061, China. Tel: 8610-67107412 Fax: 8610 67121746 Mob: 13901034738 http://www.meheco.cn Liuwei3@meheco.com.cn Scampi, organic scampi, black tiger

HongLiang Yang

shrimb.

Beijing Loud Fisheries Co. West Haidian (Dt), Beijing frozen food factory Tel: +86-10 67536538 Fax: 67532318 Mod: 13910218232 13910218233 liyanhui2010@sina.cn Pomfret, ribbon fish, croaker, cuttlefish

Zhang Yong

Tianjin Dongruixiang Fisheries Trade Co. Ltd. Tianjin Office, Jinzhong Storage Tel: 022-26753137 Cell: 13902063101 Fax: 022-26753137 e-mail: dongruixiang@vahoo.cn Ribbon fish, croaker, brown croaker, silver/chinese pomfret, Japanese threadfin bream, croaker.

Kevin Zhao

Beijing Xinfadi Agriculture Products wholesale market, Xinfadi, Fengtai, Beijing, China 100 160 Tel: +86-10-6394 5026 Fax: +86-10 -6394 5076 Mob: +86- 136 8143 6171 Kevin6838@gmail.com Skype: kevinbeijing1 Web: www.xinfadi.com.cn Ribbon fish, croaker, brown croaker, silver/chinese pomfret, Japanese threadfin bream, croaker.

Shanli

Guangzhou Shanli Ice & Cold Storage Co. Ltd. North Xinghua RD, Shuangsha, Dasha, Huangpu, Guangzhou, Canton, China Mobile: (+86)0-13427568743 Tel: +86 020-82399000, 82399111 Fax: +86 020 82390259 e-mail: info@shan-li.com Web: www.shan-li.com Ribbon fish, big eye tuna

Chen Shi Yong

Deputy General Manager, Fuzhou Dongshui Food Co. Ltd. Taoyuan Industrial Area, meihua Town Changle, Fujian, Postal code- 350214 Tel: 0591 28600677/ 28600611 Fax: 0591 28600229/ 28601588 e-mail: pd@fztosui.com Web: www.fztosui.com Black tiger shrimps, rock lobster, whale

Li Ming

Dalian Yonming Food Co.Ltd. Rm.1602 Tianxing Roosvelt Int'l Center No.46, Rui Street, Shahekou District Dalian, China- 116 021 Tel: +86 -411-83898517/18/19 Fax: +86- 411-83898585 Mob: +86-13840977668 yonming@mail.dlptt.In.cn Web: vonming-food.com Ribbon fish, black tigershrimp

Lei Chen

CEO. HK ZHEN YUN INDUSTRIAL STOCK CO., LTD Flat 01, 10/F, Carnival Commercial Building, 18 Java Road, North Point, Hong Kong. Mob: +86 -13960720808/ 18609162211 Tel: 00852-25785898 Fax: 00852-25786896

E-mail:

zhanhua200916031@163.com, seafood@shanhua888.com, Web:www.zhanhua888.en.alibaba.com Ribbonfish, squid, shrimp, lobster

Lemmouchi Mabrouk

General Manager
Saral Algeria Frozen food ImportExport
46, Rue Dehiba Bachir Hai Abdel
Moumen
Oran 3100-Algeria
Tel/Fax: 00213 41 349899
Mob: 00213661210709
E- la_vida_mm@yahoo.fr
Skype: mabrouk 2612
Small size PUD shrimp, HL shrimp,
Indian goat shrimp

George Verdugo

President/CEO GS Foods, USA. Tel: 913-281-1707 Fax: 913-281-2323 E-mail:george@gsfoods.net Frozen shrimp, black tiger shrimp with labelling Tasty seafoods.com, seafoods.asia, king crabs Asia, Tuna fish asia

Vicky Xu

Huaen Food Room 306, No.879, Dongdaming Rd (Gao Yang Hotel)Shanghai , China Post- 200082 Tel: +(8621) 6595 5939 Fax: +(8621)- 6595 1009 Mob: +(86) 13916099326/ 15900524243 E-mail:huaenfood@163.com Hilsa, lobster, ribbonfish, croaker, cuttlefish

Kamal Daswanev

Trade Advisers Corp. Ltd. Unit 2. 13/FL., Waga Commercial Centre 99 Wellington Street, Central Hong Kong G.P.O.Box.3208, Hong Kong Tel: 2581 1211, 2581 4817 2581 4844

Fax: 2581 1377

E-mail:tacorp@netvigator.com Reef cod(Grade-300/500, 500/ 1000, 1000/2000)

Barracuda

Li Guang Ming

Lianyungang Tianyuan International Trading Co. Ltd
Room. 705, Xiangyuan Intl Building No.168, Middle Chaoyang Road
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Tel: +86-518- 85503081/82/83/85
Fax: +86-518- 85500550
Mob: 15150995367
E-mail:zaixiangw001@163.com
Squid, Squidfillet, fish fillet.

Wang Chun

President,
Fresh Trading Co. Ltd.
Flat/RM180418/F, Winning
Centre, 29 Tai Yau St,
San Po Kong, KL, HK
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Tel/ Fax +86-898-6860-3587
Mob: +86-139-0755-8357
E-mail:ftcl2010@gmail.com
Silver/chinese pomfret, ribbonfish

Yin Jie & Qui Zhi Cheng

Purchasing Manager, General Manager Yantai Haide Aquatic Products Co. Ltd. 758, Zhengfu Road, Muping Dist. Yantai, Shandong, China Tel: 0535 4229776/ 0535 4229876 Fax: 0535 4213943 Mob: +86 -13791246798 E-mail: yin.jie.999@163.com,

ythscgs@sohu.com Frozen ribbon fish

Wonda Food Co. Ltd.

Tel: 0532- 86663078/79/76 Fax: 0532 86662800 Mob: 13869892320 E-mail:info@wondafood.com Skype: Wondafood.com http://www.wondafood.com Ribbonfish, croaker, yellowcroaker, cuttlefish, Leather jacket.

Ma Xin Yue

Meileng Food Trading Co. Ltd. The First Haikou Road Rizhao, Shandong, China Post Code: 276 826 Tel: 0633 8356163 Fax: 0633 8356158 Mob: 13942855681 E-mail:maxinyuedl@126.com Web: http://www.bireifoods.com *Ribbonfish*

Wu Yue Ming

D& F Gruppo S.R.L Via Valtellina 62 Milano Italia Tel / Fax: 0039 0293780953/0039 0293569536 Mob: 0039 3394417121 E-mail:zhaole.wuning@hotmail.com zhaole.wuning@163.com Ribbonfish, mud crab

Husain Dawoodbhoy

N.H. Dawoodbhoy&Co. Pvt.Ltd. Tel: +86 15014611421, Singapore phone: 65-81706063 China phone:86-15014611421 E-mail:sanjose@sltnet.lk teahouse@sltnet.lk Canned/Frozen mackeral

Wang Hua Xi, Yang Geng

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C1601, Anda Building,
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Dalian
P.C.116001
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Cell: 13478403393/15940915320
Fax: 0411-82725546
e-mail: whx@andaie.com
http://www.andaie.com
Black tiger shrimp, long spine sea bream,
otopus, squid, needle squid, silver
pomfret.

Ting Ting Zhao

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Ribbonfish & squid

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Cuttlefish, octopus, sand lobster, tiger

prawn

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Frozen shrimp

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www.zsnseafood.com

Live crab

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E-mail: ruiyangchem@yahoo.com.cn

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Dried HL shrimp

Bill Chen

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Sauid

Wivanto Leo

Director.

Pt. Sekar Bumi, Tbk

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Fax: +62-31-895-1915

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PUD shrimp, broken shrimp, 200/300,

300/400

Zheng Nan

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Ribbonfish, cuttlefish, long tongue sole, white pomfret, large yellow croaker,

Indian squid, needle squid, octopus.

Jiang bo

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Cuttlefish, Indian squid, needle squid,

octopus. Ribbon fish

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Shui Chan.

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Ribbon fish, India ungereel, Tiger tooth

croaker

Pang Yong

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Black Tiger, Ribban Fish, Croaker,

Brown Shrimp

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ALLEN LIU

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MSN:gglun@hotmail.com Ribbon fish, Yellow croakers, Ponifret

Ma XINGTENG (NATE)

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Fax: +0086-022-58839368 Mob: 13821017710

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E-mail: zhanglb2010@yahoo.com.cn MSN: maxingteng@hotmail.com

Solefish, Silver croaker

GUO DINGZHONG

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Fax: +86-316-2049222, +86-316-

2017166

Mob: 13902162867

E-mail: guodingzhong1964@qq.com,

longdu@vip.sohu.com Web: www.lflongdu.cn Cuttlefish, Ribbon fish, Croakers Tel: +86 010 65172292

Fax: +86-

Mob: 13011124191

E-mail: lugiangsusohotmail.com Spiny lobster, Rock lobster, Spoted legged red lobster, Spiny lobster, Deep sea

lobster

Ouingdao Hisea Seafood Co. Ltd.

E-mail: <u>illong@sohu.com</u> Tel /Fax:: 0532 87735666 Mob: 13953249397

MSN: iilonglong@hotmail.com

Silver & Chinese Pomfret

Ma Jain Xin

Manager,

Beijing Xinruitongshun Aquatic

Products Co. Ltd. No.13, Nan Zhao Peng 21th Zhung Pingfang

Shiliuzhuang, Xijie 232, Fengtai (Dt.), Beijing City.

Post Code: 100 075 Tel: +86-10-67261237 Cell: +86- 13801072997 Fax: +86- 10-67268876 E.mail: maruize2007@163.com

Ribbon fish, Chinese pomfret, silver pomfret, black tiger shrimp, croackers, squid ring, Hilsa ilisha, shrimp meat.

Jinan Jiyayi Fishery Co. Ltd.

No.6-6, Hua Xian Chang Road, LiXia, Jinan, China Tel/Fax: 0086-531-88904756 Tel: 0086-531-88548075 Mob: 13791080556 E.mail: jiavifishery@163.com MSN: xiaxiaoxue123@hotmail.com

Ribbon fish/silver pomfret/croaker/ solefish

Jane Chen

Great Hung Enterprise Co. Ltd. Nan-Tzu Office No.41, Yueh-Yang St, Nan-Tzu Dist, Kaohsiung, 811, Taiwan Tel: 886-7-3528805 Fax: 886-7-3524564 Chien-Chen Office: No.189, Fo-Te St, Chien-Chen Dist, Kaohsiung, 806, Taiwan

Tel: 886-7-8124466 Fax: 886-7-8226854

Mail: topiia@great-garden.com.tw

Skype No: a3528804

Web:www.great-garden.com.tw Ribbon fish/silver pomfret/ lobster

Shenzhen Datang Food Co., Ltd

Room 3035.3/F, Food Building. No:656 Hubei Road Luohu district,

Shenzhen

Tel: 0755-22316079 Fax:0755-25412323 Mob:13823369690

Email: szdatang food@126.com

Post Code: 518001 Black tiger shrimp

DAVID CHEN

Master Ocean Co., Ltd 19F-2, No. 278, Tung Meng 3rd Rd., Kaohsiung, Taiwan Tel: 886-7-311-1578 Fax: 886-7-311-1598 Mob:886-936881116

E.mail:

wwwdavidmail@yahoo.com.tw Cuttlefish

BRUCE SHAO

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Room 1312,

Zhonggang Builing. No 16. Fuzhou

Qingdao, China. P.C.266071

H.P. 13869856355

Factory: Tieshan Industrial Park,

Iiaonan, Qingdao, China. Tel: 086-532-85761859

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Cuttlefish

SALLY LIANG

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E.mail: sally-dragonbull@163.com Web://www.dragonbull-food.com Cuttlefish

Chang fa

Chang Fa Shui Chan
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Tel: +(020)32355884
Mob:+15920143183
E.mail: 5576346@163.com
Ribbon fish, octobus, shrimp, croaker

IRENE DAI

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Mob:+13061280122
E.mail: irene.dai@raysonint.com
Web: www.raysonint.com

YONGFENG SEAFOOD COMPANY

Ribbon fish, silver pomfret

Tel: +021-62160015 Fax:+021-62540257 Flower prawn/ seacrab/ ribbon fish

huangdaxuan@tom.com

Tel: +81173906 Fax:+81173756 Mob:13527891800 Black tiger shrimp

KHY HENRI TRUONG

TANG FRERES IMPORT-EXPORT Siege: 48 Avenue dlvry -75013 Paris (France)
Bureaux: 163,
Bd de Stalingrad 94400 Vitry sur Seine (France)
Tel:(33)01.49.60.56.87
Fax: (33)01.49.60.56.75
E.mail: Kh.truong@tang.fr
Web: www.tang.fr

Black tiger/ P.vannaemi HL, squid

Mr. He Cheng Yi

Ltd
Tel: 13554314436
hongxingfish@gmail.com
hechenyi@online.sh.cn
MSN: marvin_he@hotmail.com
Skype: marvin_hechengyi
Cuttle fish/ribbon fish/cat fish/sole

Shanghai Weihai Fishery Trade Co.

fish/ croaker

Zhihui Xie

Samling Bldg, 6F, 3-2-7, Akasaka, Minato-Ku-Tokyo, 107-0052 Japan Tel: 03-5545-4855 Fax: 03-5545-4845 Mob: +86 -139-5723-9767 Japanese Mobile: 090-3242-9888 E.mail: zhihuixie@china-japan.jp Web:hhtp//www.china-japan.jp Octopus/black tiger shrimp

Zhu Wanliang

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No.18, 3rd Shengming Road, DD
Port, Dalian, China- 116 620.
Tel: 86- 411 8758 5000 Ext. 361
Fax: 86 411 8758 5000 Ext.369
Mob: 86 159 0411 6668
E.mail: zhuwanliang@wenda.com
Web: http://www.wenda.com
Coastal seafoods or other products

lizhenyuzo@hotmail.com Tel: 024-25290306 Mob: 13840109980 Ribbon fish, yellow croaker fish

Chenjian49@163.com, chenjian49@hotmail.com Fax: 0580-2925572 Tel: 18906616889 Ribbon fish, silver pomfret/ sole fish

Sun Bing Cheng

Dalian Anjin Foodstuff Co.Ltd., Chaan Village, Hongqui, Ganjingzi Dt, Dalian, China P.C-116 001 Tel: 86-411-82771082-8008 Fax: 86-411-82771081 Mob: 86-15840811221 sunbingcheng@vip.sina.com Ribbon fish, mackeral

Preeyada Sripiboon

Siam Food Services, 2439 Old Paknam Railway Rd. Prakhanong Klongtoey, Bangkok 10110, Thailand preeyadas@simafoodservices.com M: 66 8 9897 5841 D: 66 2 620 6065 T:66 2 620 6000 Ext.:6065 F: 66 2 620 6001 Shrimp, grouper, mackeral

He Peigiang

Shandong Rongsense Co. Ltd No.239, Fuyang Road, Rizhao, Shandong, China Ph: 86 633 228 2888 M: 1396330333 Fax: +86 633 222 5555 E.mail: hepq@rongsense.cn Web: http://www.rongsense.com Octopus

Ivy Chen

Shantou Freezing Aquatic Product Foodstuffs Co.
No.24, Honglingjin Road, Shantou, Guangdong, China.
Tel:86 754 8855 4412
M: 86- 1392 969 3933
Fax: 86-754 8853 2889
Freezing1@126.com
Indian squid white, tomato branded grouper

Gloria Cao

Dalian Yidu Group Co. Ltd No.A025, Bonded Logistics Zone Dalian, China 86-411-87595753 87595788-8542 Fax: 86-411 87595757 Cell: 86 13998621914 E.mail: gloria@yidu.com.cn Web: WWW.YIDU.COM.CN Reef cod/ ribbon fish

Ms. Lisa Xu

East China Seas Holding Corp. Ltd. Nan Xin Cang Business Tower, B620 Dongsishitiao, No.22 Dongcheng Dist. 100 007 Beijing, China

Tel: 86 10 6409 6818 Fax: 86 10 6409 6950/6891 Purchase8@eastchinaseas.com Skype: ecspurchase8 Black tiger, P.vannamei, cuttlefish, mackerel, squid

Times brother trade Co.Ltd.,

Mob: 13928426442 Fax: 86-755-26865214 E.mail: tomtan.sz@gail.com *Rock lobsters*

Isabella Guo

China Fish (Dalian) Imp & Exp Co. Ltd Rm 4205 A Tower Times Square No.50, Renmin Road, Dalian, China P.C. 116 001. Tel: 86 411 88079266 82768977-868 Fax: 86 411 82767119 Mob: 13940900399 18641195599 isaguo@126.com isaguo@chinafishify.com

Jerry Tseng

Ribbon fish, Black sole

Rm 19A, Yam Comm.Bidg 17, Thomson Rd. Wanchai Hong Kong China: 13816522066 Office: 021 5269 6866 Fax: 021 5269 6866 E.mail: Jerry_200688@hotmail.com All types of crab

Hua Chang Internayional Ltd.

Shenzhen

The Ritz-Carlton 86755 2222 2222 86755 2222 0088 E.mail: tom.wang@ritzcarlton.com All types of crab

Nehro Ranay

8 Traesure corp eighttreasure@yahoo.com 63922 8115294 Black tiger Shrimp, grouper

Tianjin New Dragon Fishery company

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Hilsa, Cuttlefish (C&F Shanghai)

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E-mail: renjit@iftraonline.com
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Mohamed Mohmoud Osman Hassan

Head SCM: Frozen Foods Division P.O. Box: 4115, Sharjah, UA E Tel: 971 6 5334969

Fax: 971 6 5333535

E-mail: mosmanhassan@iffco.com Shrimps – PUD, PD, T ON, HL

Mr. Riaz Kassam

Manager Bamboo Garden Chinese Restaurant P.O. Box: 20661, Dubai, U A E

Tel: 04 3987720 Fax: 04 3987726 Mob: 3091997 Shrimp – HL, H ON

Mr. Ali Thabet

General Manager International Fax Import 33, Horoun St. Dokki, Giza – EGYPT Tel: 0237498431 Fax: 02 37498430 Mob: 0127606183 E-mail: ifshco11@yahoo.com HL White Shrimps/prawns

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Squid Whole 10/20
Crab meat

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