



NETFISH-MPEDA

MONTHLY REPORT

February 2017

**Network for Fish Quality Management & Sustainable Fishing
(NETFISH)**

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Summary

Extension activities by NETFISH along the maritime states of India during February 2017 consisted of 190 awareness programmes, which were comprised of 154 regular awareness classes (see Table 1), and 36 special programmes such as street play (20 nos.), medical camp (2 nos.), cleanup (3 nos.), school programme (2 nos.), door to door programme (4 nos.), mass communication programme (2 nos.) and 3 other special programme (see Table 2). The regular awareness classes were attended by a total of 4189 beneficiaries whereas the special programmes were estimated to be beneficial for around 3241 stakeholders. Other activities during the month included a few meetings and discussions with Fisheries officials and stakeholders to resolve issues related to fish quality management and conservation of marine resources.

Major Highlights of the month

- Medical camp in Namkhana, West Bengal and Paradeep fishing harbour, Odisha
- Door to door campaigns at Punnapra & Kanyakumari regions
- Vocational School children programme at Kerala
- Mass communication programme at Thoppumpady
- Harbour cleanup programme at Punnapra
- Sea club programme at St. Alberts college
- Harbour cleanup programme at Mangalore and Chorward
- Slurry ice machine demonstration at Gujarat
- Participation in National Science Day Celebration at Kolkata
- Participation in Matsya Mela at Visakhaptnam
- Participation in State-level workshop on the KMFRA amendments organized by FIRMA, Dept. of Fisheries, Kerala
- Association with Food Safety Department of Kerala in creating awareness on *Use of harmful chemicals in fish preservation and its impacts.*

Table.1 Details of Regular Programmes conducted during the month

Sl. No:	State/Region	Quality	Conservation	On board	Pre-processing	Processing	Dry fish	Total (for the month)	Total against target for the year
1	West Bengal	5	-	4	-	-	3	12	163/ 170
2	Odisha	7	2	-	6	-	-	15	191/ 170
3	Andhra Pradesh	3	1	-	4	-	3	11	117/ 170
4	Tamil Nadu-North	-	8	4	-	-	4	16	152/170
5	Tamil Nadu-South	6	6	-	-	-	-	12	166/ 170
6	Kerala-South	3	4	-	8	2	-	17	159/ 170
7	Kerala-North	-	8	-	6	-	2	16	165/ 170
8	Karnataka & Goa	5	3	-	6	-	12	26	154/ 170
9	Maharashtra	4	4	2	-	6	5	21	148/ 170
10	Gujarat	5	3	-	-	-	-	8	127/ 170
Total (programme wise)		38	39	10	30	8	29	154	1542/1700
Programme wise breakup for the year		578	454	136	162	44	168	1542	

Table.2 Details of Special Programmes conducted during the month

Sl. No:	State/Region	Street-plays	Medical Camps	Clean-ups	Rally	School	Door to door	Mass communication	Other special programmes	Total	Total for the year
1	West Bengal	-	1	-	-	-	-	-	-	1	19
2	Odisha	-	1	-	-	-	-	-	-	1	8
3	Andhra Pradesh	10	-	-	-	-	-	-	-	10	31
4	Tamil Nadu-North	-	-	-	-	-	-	-	-	0	4
5	Tamil Nadu-South	-	-	-	-	-	2	-	-	2	4
6	Kerala-South	-	-	1	-	1	2	2	-	6	23
7	Kerala-North	10	-	-	-	1	-	-	1	12	50
8	Karnataka & Goa	-	-	1	-	-	-	-	-	1	10
9	Maharashtra	-	-	-	-	-	-	-	-	0	1
10	Gujarat	-	-	1	-	-	-	-	2	3	12
Total (programme wise)		20	2	3	0	2	4	2	3	36	162
Programme wise breakup for the year		81	6	29	4	16	4	12	10	162	

1. West Bengal

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Purba Medinipur	2	-	1	-	-	3	-	6
South 24 Parganas	3	-	3	-	-	-	1	7
Total	5	0	4	0	0	3	1	13

In West Bengal, 13 extension programmes were conducted during February 2017. To create awareness about health, hygiene and well being of the fishermen community NETFISH-MPEDA Kolkata organized free Medical Camp at Nandabhanga fishing village, Namkhana, South 24 Parganas on 25th February 2017. The camp was organized in collaboration with Institute of Engineers (India), Kolkata with active support and participation of Nandabhanga Akadash, Nandabhanga, South 24 Parganas. During the programme, the fishers were enlightened on the importance of health and role of NETFISH for the welfare of fishermen community. The camp has mainly done for the sea going fishermen and their family members to check up their general health, gynaecological, dental and ophthalmological aspects, blood pressure, blood sugar etc. About 128 fishers (46 female and 82 male) have been thoroughly examined by the Doctors. 60, 30, 10 and 28 fishers were screened by General physician, Ophthalmologist, Gynaecologist and Dental respectively and free medicines were dispensed among them as per Doctor's prescription. Shri. Amal Mukherjee, Secretary, Institute of Engineers (India) congratulated NETFISH activities for the welfare of fisher folks and promised that they will help NETFISH to conduct this type of activities in future.

On 3rd of the month, SCO had attended the programme on "Multi stakeholder Dialogue on Hilsa conservation & river management" organized by International Water Association (IWA) at Kakdwip fishing harbour, South 24 Parganas. Scientists from CIBA and ZSI, DFO (Marine), Secretary of fishermen association, boat owners, traders of Nichintapur & Birendra fish markets, skippers etc. attended the function. During the programme SCO highlighted about the present status of marine fisheries in India and West Bengal and the measures to be taken to conserve the marine fisheries with special reference to Hilsa. He also informed about the Minimum Legal Size of 58 marine fishes by CMFRI and MLS Notification of 14 species by Kerala Government. He also pointed out that more care has to be taken by the competent authority for proper monitoring and implementation of MFRA to conserve marine fisheries. On 6th February 2017, SCO had a meeting with the special officer of Deshpran fishing harbour regarding harbour

development. During the meeting SCO discussed about the various subsidy schemes of MPEDA for fishing harbour development and informed that the schemes shall be implemented through harbour management committee. On 14th of the month, SCO along with Shri. B.K.Sengupta, NGO had attended a meeting at Maukh Bhaban, Salt Lake City with Dr. M V Rao, IAS, Principal Secretary, Sundarban Development Affairs, Dr. Timir Baran Mandal, Dy. Director of Fisheries, Sundarban Development Board (SDB) and Shri. G. Saha FEO, SDB regarding various development activities in the Sundarban area. They discussed about the various problems of Sundarban area and submitted six draft proposals on various aspects on fisheries to Sundarban development board in connection with the livelihood of Sundarban people. On 21st of the month, SCO had attended a programme on “Marine Fisheries Training on Safety at Sea and Communication Development, Boat building, Use of fishing gears etc” at Tajpur, Purba Medinipur and delivered a talk on sustainable marine fish production, judicious exploitation, development of exports of marine products and ban on using formalin & other harmful chemicals in dry fish and other fish products. On 28th February 2017, SCO had attended the celebration of National Science Day at Jadavpur University, Kolkata organized by the Science Association of Bengal. During the programme, they felicitated Shri. Atanu Ray, SCO, Shri. Bimal Kumar Sengupta and Shri. Tarun Kumar Giri, NGOs with a certificate and memento for their work in the fisheries field.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Deshapran	1508364 Kg	565 Nos
Digha (Sankarpur)	2018578 Kg	752 Nos
Raidighi	200370 Kg	83 Nos
Sultanpur	24770 Kg	27 Nos
Kakdwip	283260 Kg	227 Nos
Namkhana	396000 Kg	227 Nos

2. Odisha

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Khurda	-	1	-	4	-	-	-	5
Paradeep	7	-	-	2	-	-	1	10
Chilka	-	1	-	-	-	-	-	1
Total	7	2	0	6	0	0	1	16

Extension activities in Odisha during the month consisted of 16 awareness programmes. On 20th February 2017 a medical camp was conducted in Paradeep fishing harbour. In the camp 200 fishers have been thoroughly examined by the Doctors for

general health including blood pressure, diabetic test etc. and free medicines were dispensed among them as per Doctor's prescription.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Balaramgadi	669130 Kg	275 Nos
Bahabalapur	547997 Kg	228 Nos
Dhamara	83675 Kg	222 Nos
Paradeep	1149404 Kg	533 Nos

3. Andhra Pradesh

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Visakhapatnam	1	1	-	4	-	2	-	8
Machilipatnam	2	-	-	-	-	-	5	7
Nizampatnam	-	-	-	-	-	1	5	6
Total	3	1	0	4	0	3	10	21

In Andhra Pradesh, 21 awareness programmes were conducted in February 2017. During fish quality management training programmes, plastic baskets and sheets were distributed to the beneficiaries instead of stipend. From 3rd to 5th of the month, NETFISH participated in Vizag Utsav "Matsya Mela" organized by GVMC. On 17th of the month, SCO coordinated with MPEDA for organizing the workshop on "Automation in Aquaculture systems" with SINTEF and CIFT. On 28th of the month, SCO had arranged a discussion with Assistant Director of Fisheries, Kakinada regarding the formation of Fishing Harbour Management Society at Kakinada.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Machilipatnam	86720 Kg	60 Nos
Visakhapatnam	3054100 Kg	782 Nos
Kakinada	393600 Kg	358 Nos
Nizampatnam	144280 Kg	131 Nos

4. Tamil Nadu North

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Pazhaiyar	-	2	-	-	-	2	-	4
Mudasaloodai	-	-	-	-	-	2	-	2
Nagapattinam	-	3	3	-	-	-	-	6
Karaikkal	-	3	1	-	-	-	-	4
Total	0	8	4	0	0	4	0	16

Along Northern coastal region of Tamil Nadu, 16 regular awareness programmes were conducted during the month. On 27th February 2017, SCO along with DD, MPEDA attended the regional industry stakeholder consultation on "Doing business with the Indian Ocean rim countries" organized by FICCI in partnership with the Central Institute of Brackish water Aquaculture (CIBA).

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Karaikal	681299 Kg	500 Nos
Nagapattinam	603975 Kg	624 Nos
Pondicherry	138880 Kg	196 Nos
Pazhaiyar	332045 Kg	556 Nos
Chennai	686620 Kg	541 Nos
Cuddalore	267810 Kg	348 Nos

5. Tamil Nadu South

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Ramnad	3	3	-	-	-	-	-	6
Kanyakumari	1	1	-	-	-	-	2	4
Tuticorin	2	2	-	-	-	-	-	4
Total	6	6	0	0	0	0	2	14

In Tamil Nadu South region, 14 awareness programmes were conducted during the month. On first of the month, SCO visited Fisheries Training and Research Centre, Parakkai and arranged a discussion on combined ornamental fish trade training programmes. On 3rd of the month, SCO along with DD visited JD fisheries office to discuss on harbour management committee and infrastructure requirements based on CIFH scheme of MPEDA. On 9th February 2017, SCO visited AD fisheries and TAFCOFED office for discussing about the requirements and provision for distribution of Ice boxes to fisher folk. On 14th of the month, SCO visited CMFRI, Tuticorin for discussing about MLS workshop. During the month, two numbers of door to door campaigns were conducted at Kanyakumari region.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Mandapam	160450 Kg	887 Nos
Chinnamuttom	260670 Kg	200 Nos
Colachel	56475 Kg	163 Nos
Tuticorin	86650 Kg	296 Nos

6. Kerala South

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Chellanam	2	1	-	-	-	-	-	3
Aroor	-	-	-	2	2	-	-	4
Thuravoor	-	-	-	4	-	-	-	4
Thottappally	-	2	-	-	-	-	-	2
Punnappra	1	1	-	-	-	-	4	6
Azheekkal	-	-	-	-	-	-	1	1
Kollam	-	-	-	2	-	-	-	2
Thoppumpady	-	-	-	-	-	-	1	1
Total	3	4	0	8	2	0	6	23

The extension programmes in Kerala South included 17 regular programmes and 6 special programmes. On 17th of the month, a VHSE school training programme was conducted at Govt. VHSE School, Cheriyaazheekkal. Around 113 students attended the programme. On 21st February 2017, SCO attended the meeting with AXE and AE at SRO, Kollam regarding the harbour Upgradation scheme. On 22nd and 23rd of the month, two door to door campaigns were conducted at Punnapra fishing harbour. On 23rd February, a harbour cleanup programme was also conducted at Punnapra harbour under Swatchh Bharat Mission. On 23rd and 28th of the month, mass communication programmes were conducted at Punnapra and Thoppumpady fishing harbours. A discussion was also arranged with Administrator and ATM about the unhygienic condition of the harbour at Thoppumpady. Due to NETFISH intervention, the peeling workers at Sakthikulangara harbour were completely shifted to MPEDA-CPC. During the month, SCO attended the awareness meetings conducted by Food Safety Department against the reported use of chemical materials in raw fish for the purpose of preservation.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Thottappally	150200 Kg	141 Nos
Vizhinjam	16950 Kg	164 Nos
Thoppumpady	1421900 Kg	237 Nos
Kayamkulam	434790 Kg	549 Nos
Sakthikulangara	641350 Kg	540 Nos

7. Kerala North

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Chettuva	-	2	-	-	-	-	-	2
Munambam	-	4	-	2	-	-	-	6
Njarakkal	-	-	-	1	-	-	1	2
Edavanakkad	-	-	-	1	-	-	-	1
Munakkakadavu	-	-	-	-	-	2	-	2
Maliankara	-	-	-	2	-	-	-	2
Kozhikkode	-	-	-	-	-	-	10	10
Puthiyappa	-	2	-	-	-	-	-	2
Ernakulam	-	-	-	-	-	-	1	1
Total	0	8	0	6	0	2	12	28

During February 2017, 16 regular programmes and 12 special programmes were conducted in Kerala North region. On 9th of the month, a VHSE programme was conducted at Govt. VHSE School, Njarakkal. Around 60 students, School principal, and faculty members attended the programme. During the programme, the students were educated on activities of MPEDA & NETFISH, capture fisheries, different type of fishing crafts and gears, hygiene practices to be followed in fishing harbour, landing centres

and processing plants, importance of fishery resource conservation, etc. After the theory session, the students were familiarized with models of different fishing gears such as trawl net, cast net, purse seine, gill net, long line, Chinese dip net, trap net, different type of netting materials, twines etc. NETFISH documentary videos were also shown to them. NETFISH posters and leaflets were also given to the students. On 10th February 2017, SCO attended the awareness meeting conducted by Food Safety Department against the reported use of chemical materials in raw fish for the purpose of preservation. During the meeting, SCO had delivered a talk on ill effects of chemicals used for raw fish preservation before selling to consumers.

The Sea Club at St. Albert's College Ernakulam conducted a seminar on *Indigenous Traditional Knowledge in Fisheries* on 28th February 2017. The seminar was aimed to give awareness to the Sea Club members about the diverse *Indigenous Traditional Knowledge in Fisheries* with regard to Fish detection, wind and water currents, navigation, distress signs, medicinal values of certain fishery items etc. Knowing about the heritage and traditional knowledge in the fisheries field carries same importance as knowing about the latest technological developments. The inauguration and key note address of the seminar was done by Dr. Nikita Gopal Principal Scientist, Extension, Information and Statistics Division, CIFT, Kochi. Faculty members of the Department of Fisheries and Aquaculture and over seventy students of the Sea Club attended the seminar. On 14th of the month, SCO along with CE attended the state level workshop on the KMFRA amendments organized by FIRMA, Dept. of fisheries at Thiruvananthapuram.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Puthiyappa	1256740 Kg	212 Nos
Beyepore	2330100 Kg	268 Nos
Munambam	1788000 Kg	610 Nos

8. Karnataka & Goa

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Malpe	1	1	-	4	-	-	-	6
Gangolli	-	-	-	2	-	-	-	2
Honnavar	1	1	-	-	-	4	-	6
Tadri	1	-	-	-	-	-	-	1
Karwar	1	-	-	-	-	7	-	8
Cutbona	1	1	-	-	-	-	-	2
Mangalore	-	-	-	-	-	1	1	2
Total	5	3	0	6	0	12	1	27

In Karnataka & Goa region, 27 awareness programmes were conducted in February 2017. On 2nd of the month, a harbour cleanup programme was organized jointly with Dept. of Fisheries at Mangalore. More than 70 members including officials, fish workers and fisher women participated in the programme.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Karwar	2061137 Kg	389 Nos
Honnavar	5199600 Kg	975 Nos
Tadri	494300 Kg	640 Nos
Malpe	9615600 Kg	2966 Nos
Mangalore	9490460 Kg	1584 Nos
Gangoli	549133 Kg	990 Nos
Malim	154040 Kg	448 Nos
Cutbona	1263283 Kg	260 Nos

9. Maharashtra

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Ratnagiri	1	1	2	-	-	1	-	5
Palghar	3	3	-	-	-	4	-	10
Raigad	-	-	-	-	6	-	-	6
Total	4	4	2	0	6	5	0	21

Extension programmes in Maharashtra, during February 2017 consisted of 21 regular programmes. During the month, SCO visited College of Fisheries, Ratnagiri and A. K. Junior College, Ratnagiri for discussing about the VHSE School programme. SCO also discussed with Dr. Raghavendra Pai, Associate Dean, College of Fisheries regarding the new technology developed by the College that can be useful in fisheries field to improve quality of fish.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Sasson Dock	3424486 Kg	786 Nos
New Ferry Wharf	4801550 Kg	1618 Nos
Harne	1031710 Kg	955 Nos
Ratnagiri (Mirkarwada)	2379992.5 Kg	458 Nos

10. Gujarat

Selected Place	FQM	CONSER.	OB	PPC	PC	Df	Spl.Pgm	Total
Porbandar	1	2	-	-	-	-	1	4
Vanakbara	3	1	-	-	-	-	-	4
Veraval	1	-	-	-	-	-	-	1
Okha	-	-	-	-	-	-	1	1
Chorward	-	-	-	-	-	-	1	1
Total	5	3	0	0	0	0	3	11

During the month, 11 awareness programmes were conducted in Gujarat region. On 2nd and 3rd February 2017, NETFISH Gujarat conducted 2 onboard training cum demonstration programme of slurry ice produced from sea water for the benefit of fishermen and exporter at Porbandar and Okha fishing harbours in association with

“Chirag Ice Factory Pvt. Ltd-“Ice Flow” Mumbai. The importance of fish quality for export market, the need for installing slurry ice machine onboard while going for fishing and the advantages of slurry ice for maintaining the quality of seafoods were explained in the programme. All participants took part in the at sea demonstration of preparing slurry ice from clean sea water. The Technical Director and Sales Manager of Chirag Ice Factory explained about the different parts of slurry ice machine, suitable place for installing the machine, method of production of slurry ice, cost of machine, preservation method of fish with slurry ice etc. On 28th February 2017 NETFISH, Veraval organized a clean-up programme at Chorwad landing centre. Around 150 volunteers from fishermen community and school children participated in the programme. NETFISH has given cap to all the participants. The President of the Boat association appreciated the effort made by NETFISH towards cleaning of fishing harbour.

Fish landing & Boat arrival details – February 2017		
Harbour	Catch Details	Boat Details
Mangrol	4217000 Kg	1892 Nos
Porbandar	8796500 Kg	2356 Nos
Veraval	6279030 Kg	3386 Nos

