



**NETFISH-MPEDA**



**मासिक विवरण - जनवरी 2021**

## **MONTHLY REPORT - JANUARY 2021**



**मत्स्य गुणता प्रबंधन और चिरस्थायी मत्स्ययन नेटवर्क (नेटफिश)  
Network for Fish Quality Management & Sustainable Fishing (NETFISH)**

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## MONTHLY REPORT ON ACTIVITIES OF NETFISH DURING JANUARY 2021

Extension activities of NETFISH along the maritime states of India during January 2021 consisted of 177 awareness programmes, benefitting around 3511 stakeholders. Several meetings and discussions with stakeholders and officials concerned were also carried out regarding issues related to fish quality management and conservation of resources. In addition, continued disseminating various awareness messages among the members of various stakeholder groups through the 129 nos. of WhatsApp groups formed at 98 harbours.

Sl.No.	Type of extension programme	No. of programmes	No: of Beneficiaries
I	<b>NETFISH Funded Programmes</b>		
1	Harbour based programme	28	470
2	Fishing vessel based programme	90	1371
3	Pre-processing programme	26	773
4	Processing programme	14	440
5	Dry fish programme	11	285
II	<b>External Funded Programmes</b>		
6	ICAR-CIFT funded programmes	6	126
7	Other Special Programmes	2	46
III	<b>TOTAL</b>	<b>177</b>	<b>3511</b>

*Table: Details of Extension Training Programmes conducted during January 2021*

### **Major Activities**

- Conducted 14 numbers of paid training programmes in Seafood processing units.
- Conducted Marine Mammal and Sea Turtle by-catch data collection survey in selected harbours of all maritime states.
- Associated with CIFNET, Kochi in organizing 2 Sea Safety & Navigation training programme at Azheekal and Kochi, Kerala.
- Conducted 6 numbers of CIFT sponsored training programmes in West Bengal and Karnataka.
- Organized several meetings and discussions with fisheries officials and stakeholders regarding post harvest loss, implementation of square mesh cod ends, hygiene issues at harbours, harbour development, Sea Turtle and Marine Mammal conservation, paid training programme to processing workers, development of dry fish activities etc.
- Disseminated information and awareness messages on training programmes, results of chill killing practice onboard, methods to reduce post harvest loss, fishery conservation, sustainable fishing methods, MPEDA social media contents, animated short films on square mesh and juvenile catch, fisheries related news published in local newspapers, COVID-19 guidelines etc. through WhatsApp to boat owners, stakeholders association and fishermen etc. in the respective fishing harbour and fish landing centre.

## Major Achievements

S.N.	State/Region	Changes observed
1	West Bengal	<ol style="list-style-type: none"> <li>1. Fishing Vessels in the cluster as well as other boats in Deshapran have started practising chill killing and are fetching Rs. 10-15 extra per Kg.</li> <li>2. Digha Fisherman and Fish Traders Association (DFFTA) have started giving priority to auction exportable shrimps first to maintain the quality.</li> <li>3. At Digha Mohana fish auction market, the catch material is kept in plastic crates and proper hygienic conditions are maintained during auction.</li> </ol>
2	Andhra Pradesh North	<ol style="list-style-type: none"> <li>1. Fishermen at Visakhapatnam harbour are practicing chill killing method in fishing vessel and the material is packed in chilled condition and transported in plastic crates even for very short distance</li> <li>2. The fisherwomen in Vizag are now using insulated fish box for keeping and selling the fish in chilled condition.</li> </ol>
3	Kerala South	<ol style="list-style-type: none"> <li>1. Four boat owners at Thoppumpady harbour had purchased insulated fish tubs and started practicing chill killing method onboard thereby earn Rs.4000-5000 more from a single auction.</li> </ol>
4	Karnataka	<ol style="list-style-type: none"> <li>1. Fish handling practice has improved at Gangolli fishing harbour.</li> <li>2. Dumping of crushed ice on floor is also stopped in the harbour</li> </ol>
5	Gujarat	<ol style="list-style-type: none"> <li>1. Fishers of Veraval clean all fish contact surface before and after use and use clean water, crates and boxes to reduce post harvest loss</li> <li>2. The fishing vessel named 'Jal Sagar' at Veraval harbur purchased insulated box and started practising chilling of the catch onboard by which earned Rs. 25000-30000 more in one trip because of reduction in post harvest loss</li> <li>3. Fishermen of Vanakbara- DIU made available hygienic ice to small FRP boat by making movable cold storage nearest to the harbour</li> </ol>

### State/Region wise details of Programmes conducted during the month:

The extension activities conducted by NETFISH at various state/regions during January 2021 are enlisted in the below table and described in the subsequent sections:

State/Region	NETFISH Funded						External	Month's -Total programmes & beneficiaries		FY - Total programmes & beneficiaries	
	Harbour	FV	PPC	PC	DF	Special	Other Special				
West Bengal	2	11	3	4	4		3	27	559	56	1499
Odisha	6	6	10	3				25	520	80	1886

Andhra Pradesh North	2	10			1			13	220	32	720
Andhra Pradesh South	2	6	5					13	260	22	476
TN North	1	6			2			9	252	19	652
TN South		12	1	2				15	369	27	717
Kerala South	1	9			2		1	13	161	36	653
Kerala North	2	15	2	1	1		1	22	323	42	723
Karnataka & Goa	1	11	5	1	1		3	22	519	54	1344
Maharashtra	4			1				5	68	26	390
Gujarat	7	4		2				13	260	36	833
Month's -Total programmes& beneficiaries	28	90	26	14	11	0	8	177	3511	430	9893
	470	1371	773	440	285	0	172	3511			
FY- Total programmes& beneficiaries	59	161	63	34	31	1	81	430			
	1105	2432	1753	1166	874	125	2438	9893			

## 1. WEST BENGAL

➤ 27 extension programmes were conducted as per the details given below.

Selected Place	Harbour	FV	PPC	PC	Df	Other Special (CIFT)	Total Programme	Total Beneficiaries
Deshapran		11					11	148
Purba Medinipur			1				1	22
Digha				1			1	22
Raidighi			2				2	60
Freserganj	2					2	4	74
Paschim Amarabati					2		2	60
Khardah				2			2	57
Chakgaria				1			1	26
Bakkhali						1	1	30
Sagar					2		2	60
<b>Total</b>	<b>2</b>	<b>11</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>27</b>	<b>559</b>

No.	Date	Place	Type of Programme	
1	01.01.21	Deshapran FH	Vessel based programme	20
2	01.12.21	Purba Medinipur	Pre processing	22
3	02.01.21	M/s. S S Seafood, Digha	Processing	22
4	08.01.21	Raidighi	Pre processing	30
5	08.01.21	Raidighi	Pre processing	30
6	12.01.21	Freserganj FH	Harbour based programme	25
7	12.01.21	Paschim Amarabati	Dry Fish programme	30
8	13.01.21	Freserganj FH	Vessel based programme - CIFT	06
9	15.01.21	Deshapran FH	Vessel based programme	21
10	16.01.21	Deshapran FH	Vessel based programme	12
11	16.01.21	Deshapran FH	Vessel based programme	11
12	19.01.21	Freserganj FH	Harbour based programme	13
13	19.01.21	Paschim Amarabati	Dry Fish programme	30
14	19.01.21	Deshapran FH	Vessel based programme	10
15	19.01.21	Deshapran FH	Vessel based programme	15
16	20.01.21	Lakhipur, Freserganj	Harbour based programme- CIFT	30
17	22.01.21	M/s. Rupsha Fish Pvt. Ltd, Khardah	Processing	26
18	22.01.21	Deshapran FH	Vessel based programme	9

19	23.01.21	S. S Seafood Pvt. Ltd, Khardah	Processing	31
20	25.01.21	Digha Seafood Exports Pvt. Ltd, Chakgaria	Processing	26
21	25.01.21	Deshapran FH	Vessel based programme	10
22	27.01.21	Deshapran FH	Vessel based programme	20
23	28.01.21	Deshapran FH	Vessel based programme	10
24	29.01.21	Deshapran FH	Vessel based programme	10
25	29.01.21	Beguakhali	Dry Fish programme- CIFT	30
26	29.01.21	Madhyapara, Sagar	Dry Fish programme	30
27	30.01.21	Narharipur, Sagar	Dry Fish programme	30



**Vessel based programme at Deshapran**



**PPC Programme at Raidighi**

➤ **Details of other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	08.01.21	Discussion	SCO, NGO, HDC & PPC Owner	Regarding development of PPC and setting up of common PPC
2	27.01.21	Training	MPEDA & SCO	Training programme on Eco-friendly Sustainable Aquaculture
3	29.01.21	Meeting	SCO	Meeting with Harbour Officer regarding harbour development, by-catch survey etc.

➤ **Details of information disseminated to stakeholders on social media during the month - (7 WhatsApp groups in 7 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	01.01.21	Restricted areas for fishing in Odisha coast for conserving Marine Turtles	Whatsapp	500
2	04.01.21	Processing workers training programme at M/s. S S Seafood, Digha	Whatsapp and Facebook	1000
3	04.01.21	MPEDA's COVID-19 guidelines for seafood sector (English)	Whatsapp and Facebook	1500
4	05.01.21	MPEDA's webinar series - Strengthening India EU Seafood Trade	Whatsapp and Facebook	1500
5	05.01.21	Why we need to take more fish in 2021	Whatsapp and Facebook	750
6	07.01.21	Importance of wearing life jacket	Whatsapp and Facebook	1500
7	07.01.21	Prevention of Corona virus	Whatsapp	500
8	08.01.21	MPEDA launched India's first Aqua farmers cell centre in Vijayawada	Facebook	1000
9	09.01.21	Onboard chill killing practices	Whatsapp	500

10	10.01.21	Adopt chill killing practices and reduce post harvest loss	Whatsapp	500
11	10.01.21	Small video on survey at Freserganj fishing harbour	Whatsapp and You tube	1000
12	12.01.21	Small video on Handling of fish at Freserganj fishing harbour	Whatsapp and You tube	1000
13	12.01.21	SPF L.vannamei Brood Stock produced by MPEDA-RGCA BMC @ Vishakhapatnam	Facebook	1000
14	13.01.21	By catch survey of Marine Mammals & Sea Turtles	Whatsapp	500
15	13.01.21	Save the ocean	Whatsapp	500
16	15.01.21	Post Harvest loss due to head blackening of shrimp and its prevention	Whatsapp	500
17	16.01.21	Impact of training programme on Post Harvest Loss, fishers are adopting chill killing practice to reduce Post Harvest loss at Deshapran FH & Shoula LC	Whatsapp	500
18	19.01.21	By-catch survey at Sultanpur FH	Whatsapp	500
19	20.01.21	Impact of using plastic baskets instead of bamboo baskets for hygienic handling of fishes	Whatsapp	500
20	20.01.21	MPEDA's Seafood India Stall	Facebook	1000
21	21.01.21	Small video on survey on Marine Mammals and Sea Turtles	Whatsapp	500
22	22.01.21	Get PHT do EXPORT!	Facebook	1000
23	23.01.21	Processing workers training programme at M/s. Rupsha Fish Pvt. Ltd	Whatsapp	500
24	23.01.21	Ocean on a plastic bottle is art. Plastic bottle on the ocean is not	Whatsapp	500
25	24.01.21	Impact of training on Chilling of sea caught shrimp for retain quality and reduce Post Harvest Loss at Fishing vessel	Whatsapp	500
26	25.01.21	Processing workers training programme at M/s. S S Seafood Fish Pvt. Ltd.	Whatsapp	500
27	26.01.21	MPEDA launches end to end digitized Shrimp Pre harvest Test Certification	Facebook	1000
29	27.01.21	Realizing the export potential of India's marine industry... (video)	Facebook	1000
30	28.01.21	Keep the Shrimps Healthy!	Facebook	1000
31	29.01.21	Video of release of live marine turtle (Olive Ridley) back into the sea by the fishers of Kakdwip	Whatsapp	500

### **NETFISH IMPACTS**

- ▶ NETFISH has imparted training on post harvest loss, hygiene and sanitation etc. in the 10 fishing vessels of the cluster formed at Deshapran harbour and now they started practising chill killing and are fetching Rs.15-30/Kg extra due to better quality. The fishers from other than the cluster boats who had attended the training programme voluntarily are also found practising chill killing to improve the quality of their shrimp catch.



- ▶ A series of discussion was held with the Digha Fisherman and Fish Traders Association (DFFTA) regarding deterioration of quality of exportable shrimp due to auctioning of shrimps at the last during the auction process. Now priority has been given to auction exportable shrimps first and therefore the quality is maintained.
- ▶ At Digha Mohana fish auction market, auction was taking place by keeping the catch in bamboo baskets and in unhygienic conditions. After series of discussions with the auctioneers as well as with the DFFTA now the material is kept in plastic crates and proper hygienic conditions are maintained at the time of auction.



**Innovative/sustainable fishing practice observed:** It's the success of NETFISH's ongoing virtual awareness programme as well as by-catch survey of marine mammals & sea turtles, the fishermen are now aware about the importance of marine mammals and sea turtles in the ecosystem and are releasing the accidentally caught animals back in to the sea. They even treat sea turtle as God.

## 2. ODISHA

➤ 25 awareness programmes were conducted as per the details given below.

Selected Place	Harbour	FV	PPC	PC	Total Programme	Total Beneficiaries
Balaramgadi			10		10	300
Patia				1	1	35
Mancheswar				1	1	35
Khurda				1	1	30
Paradeep	6	6			12	120
<b>Total</b>	<b>6</b>	<b>6</b>	<b>10</b>	<b>3</b>	<b>25</b>	<b>520</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	2.1.21	Balaramgadi	Pre processing	30
2	3.1.21	Balaramgadi	Pre processing	30
3	4.1.21	Balaramgadi	Pre processing	30
4	5.1.21	Falcon Marine export, Patia	Processing	35
5	6.1.21	Balaramgadi	Pre processing	30
6	7.1.21	Balaramgadi	Pre processing	30
7	7.1.21	Falcon marine export, mancheswar	Processing	35
8	8.1.21	Balaramgadi	Pre processing	30

9	9.1.21	Balaramgadi	<i>Pre processing</i>	30
10	10.1.21	Balaramgadi	<i>Pre processing</i>	30
11	11.1.21	Balaramgadi	<i>Pre processing</i>	30
12	12.1.21	B-One Business House, Khurda.	<i>Processing</i>	30
13	12.1.21	Balaramgadi	<i>Pre processing</i>	30
14	16.1.21	Paradeep	<i>Vessel based programme</i>	10
15	17.1.21	Paradeep	<i>Vessel based programme</i>	10
16	18.1.21	Paradeep	<i>Vessel based programme</i>	10
17	19.1.21	Paradeep	<i>Vessel based programme</i>	10
18	20.1.21	Paradeep	<i>Harbour based programme</i>	10
19	21.1.21	Paradeep	<i>Harbour based programme</i>	10
20	22.1.21	Paradeep	<i>Harbour based programme</i>	10
21	23.1.21	Paradeep	<i>Harbour based programme</i>	10
22	24.1.21	Paradeep	<i>Harbour based programme</i>	10
23	25.1.21	Paradeep	<i>Harbour based programme</i>	10
24	26.1.21	Paradeep	<i>Vessel based programme</i>	10
25	27.1.21	Paradeep	<i>Vessel based programme</i>	10



*Vessel based programme at Paradeep*



*Harbour based programme at Paradeep*

➤ **Details of other works and activities performed during the month are briefed below.**

<i>Sl.No:</i>	<i>Date</i>	<i>Activity</i>	<i>People involved</i>	<i>Particulars</i>
1	01.01.21	Interview	DD,SCO & TO	Conducted interview to select new HDC at Paradeep

➤ **Details of information disseminated to stakeholders on social media during the month - (7 WhatsApp groups in 5 harbours)**

<i>Sl.No:</i>	<i>Date</i>	<i>Content Disseminated</i>	<i>Social Media Used</i>	<i>No: of Viewers</i>
1	2.1.21	Covid -19 awareness message	Whats app group	500
2	7.1.21	Covid -19 awareness message and animation film on square mesh	whats app group	500
3	11.1.21	Covid -19 awareness message and animation film on conservation of marine resources.	Whats app group	500
4	15.1.21	Covid -19 awareness message	Whatsapp group	500
5	17.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
6	19.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
7	21.11.21	Covid -19 awareness message	Whatsapp group	500



8	23.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
9	24.11.21	Covid -19 awareness message	Whatsapp group	500
10	25.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
11	26.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
12	27.1.21	Covid -19 awareness message	Whatsapp group	500
13	28.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
14	29.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500
15	30.1.21	Covid -19 awareness message	Whatsapp group	500
16	31.1.21	Covid -19 awareness message and animation film on square mesh	Whatsapp group	500

### 3. ANDHRA PRADESH NORTH

➤ 13 nos. of extension programmes were conducted as per the details given below.

Selected Place	Harbour	Vessel	Df	Total Programme	Total Beneficiaries
Visakhapatnam	2	10	1	13	220
<b>Total</b>	<b>2</b>	<b>10</b>	<b>1</b>	<b>13</b>	<b>220</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	05.01.21	Visakhapatnam	Vessel based programme	17
2	08.01.21	Visakhapatnam	Harbour based programme	22
3	12.01.21	Visakhapatnam	Vessel based programme	15
4	19.01.21	Visakhapatnam	Vessel based programme	14
5	21.01.21	Visakhapatnam	Vessel based programme	14
6	22.01.21	Visakhapatnam	Vessel based programme	26
7	23.01.21	Visakhapatnam	Vessel based programme	12
8	28.01.21	Visakhapatnam	Vessel based programme	12
9	28.01.21	Visakhapatnam	Vessel based programme	10
10	29.01.21	Visakhapatnam	Vessel based programme	12
11	29.01.21	Visakhapatnam	Harbour based programme	24
12	30.01.21	Visakhapatnam	Vessel based programme	12
13	30.01.21	Visakhapatnam	Dry fish programme	30



*Vessel based programmes at Vizag- 1.Demonstrating chill killing 2.Assessing post harvest loss*

➤ Details of other works and activities performed during the month are briefed below.

Sl.No:	Date	Activity	People involved	Particulars
1	07.01.21	Survey	SCO & HDC	Participated in Marine Mammal and Sea

				turtle survey along with the HDC at Vizag
2	12.01.21	Meeting	SCO	Stakeholders meeting on harbour issues, toll collection, Harbour sanitation etc. at Dept of Fisheries office, Vizag
3	19.01.21	Discussion	SCO, Officials from Port, Dept. of Fisheries, NGO & Dry fisherwomen	Discussion on VPT funded Solar dry fish unit of worth Rs.6.6Lakh. The team visited the identified area for installation and finalized.
4	24.01.21	Discussion	DD Fisheries, SCO & NGO	Regarding harbour subcommittee roles and responsibilities

➤ **Details of information disseminated to stakeholders on social media during the month - (4 WhatsApp groups in 4 harbours)**

<i>Sl.No:</i>	<i>Date</i>	<i>Content Disseminated</i>	<i>Social Media Used</i>	<i>No: of Viewers</i>
1	01.01.2021	MPEDA and NETFISH New Year 2021 greetings	WhatsApp groups	350
2	04.01.2021	Exclusive Economic Zone( EEZ) in Telugu PDF format	WhatsApp groups	350
3	04.01.2021	Square mesh Codend in Telugu PDF format	WhatsApp groups	350
4	05.01.2021	Circulated to all HDC WhatsApp groups the video on MPEDA Covid19 guide lines in Telugu.	WhatsApp groups	350
5	05.01.2021	Video on releasing of live Porpoise back to the water by fishermen of Pudukottai, Tamilnadu which was caught in fishing net.	WhatsApp groups	350
6	05.01.2021	Video on releasing of live Turtle back to the water by fishermen of Harne, Maharashtra which was caught in fishing net. Asked the fishermen to post such videos available with them.	WhatsApp groups	350
7	07.01.2021	MPEDA Poster on Life Jacket mentioned "Are you a good swimmer? Well you still have to wear Life jacket".	WhatsApp groups	350
8	07.01.2021	Video on saving of live weak Turtle back to the water by a fisherman which was unable to go back to waters. Asked the fishermen to post such videos available with them.	WhatsApp groups	350
9	07.01.2021	Survey on Marine mammals and sea turtles data collection with SCO NETFISH at outer fishing harbour Vizag and asked the fishermen to give accurate data for correct reporting	WhatsApp groups	350
10	08.01.2021	Video on saving of live whale shark back to the water by fishermen of Veraval which was caught in fishing net. Asked the fishermen to post such videos available with them.	WhatsApp groups	350
11	12.01.2021	MPEDA Poster on greetings of National Youth Day on 12 <sup>th</sup> Jan 2021	WhatsApp groups	350
12	13.01.2021	NETFISH Poster on "Today's Juveniles, Tomorrow's wealth".	WhatsApp groups	350
13	13.01.2021	RGCA walk in interview for the young professionals to work BMC at Bheemunipatnam.	WhatsApp groups	350
14	13.01.2021	News (last year) in Telugu on releasing Baby turtles by Dept of Forest after hatching at ground made to secure EGGS at Srikakulam.	WhatsApp groups	350
15	19.01.2021	Video on releasing of live Turtle back to the water by fishermen of Thoothoor Tamil Nadu which was caught in fishing net.	WhatsApp groups	350

16	19.01.2021	Video on chill killing practice in Kerala. Asked the fishermen to practice for better quality catch.	WhatsApp groups	350
17	22.01.2021	Video on chill killing practice. Asked the fishermen to practice for better quality catch.	WhatsApp groups	350
18	26.01.2021	News of Fish Nutri Cart by Telangana Government to sell Value added fishery products came in Telugu.	WhatsApp groups	350
19	29.01.2021	Video from Youtube on Kerala NGO taken initiative to save the turtle eggs to conserve Sea turtles.	WhatsApp groups	350

### NETFISH IMPACTS

- ▶▶ With the continuous efforts of NETFISH on Hygienic handling of fish and ice in fishing harbours, now the fishermen at Visakhapatnam fishing harbour are not keeping the export worthy shrimp directly on wooden platform rickshaws, instead they are practicing chill killing method in the fishing vessel and the material is packed in chilled condition and transported in plastic crates even for very short distance.



- ▶▶ As a result of NETFISH regular awareness programmes, the fisherwomen in Vizag are now using insulated fish box for keeping and selling the fish in chilled condition.



### 4. ANDHRA PRADESH SOUTH

- 13 numbers of extension programmes were conducted during the month as per the details given below.

<i>Selected Place</i>	<i>Harbour</i>	<i>Vessel</i>	<i>PPC</i>	<i>Total Programme</i>	<i>Total Beneficiaries</i>
Guntur	2	6	2	10	170
Vodarevu			2	2	60
Machilipatnam			1	1	30
<b>Total</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>13</b>	<b>260</b>

<i>No.</i>	<i>Date</i>	<i>Place</i>	<i>Type of Programme</i>	<i>No.of Beneficiaries</i>
1	06-01-21	Guntur	Pre processing	30

2	07-01-21	Vodarevu	Pre processing	30
3	08-01-21	Guntur	Vessel based programme	10
4	19-01-21	Guntur	Vessel based programme	10
5	19-01-21	Guntur	Harbour Based Programme	20
6	20-01-21	Guntur	Vessel based programme	10
7	20-01-21	Guntur	Vessel based programme	10
8	20-01-21	Vodarevu	Pre processing	30
9	22-01-21	Machilipatnam	Pre processing	30
10	27-01-21	Guntur	Vessel based programme	10
11	27-01-21	Guntur	Vessel based programme	10
12	28-01-21	Guntur	Pre processing	30
13	29-01-21	Guntur	Harbour Based Program	30



Vessel based programme at Nizampatnam



PPC Programme at Machilipattinam

- **Details of other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	11.01.21& 12.01.21	Discussion	SCO & HDC	Regarding Marine Mammal and Sea Turtle survey

- **Details of information disseminated to stakeholders on social media during the month-** (3 WhatsApp groups in 3 harbours)

Sl No.	Date	Content Disseminated	Social Media Used	No: of Viewers
1	02.01.2021	Covid19 Guidelines for seafood sector in Telugu	WhatsApp groups	250
2	04.01.2021	Catch location details	WhatsApp groups	250
3	05.01.2021	Weather report and catch details	WhatsApp groups	250
4	06.01.2021	Porpoise live releasing from the onboard net	WhatsApp groups	250
5	06.01.2021	Do not mask the oceans	WhatsApp groups	250
6	07.01.2021	Radio Buoy usages in sea	WhatsApp groups	250
7	09.01.2021	Releasing of turtle entangled in Gill net	WhatsApp groups	250
8	09.01.2021	Heliograph usage details in Sea	WhatsApp groups	250
9	09.01.2021	Life Jacket	WhatsApp groups	250
10	10.01.2021	Radar Reflector and Poster of Points to remember on Onboard Handling of Fish	WhatsApp groups	250
11	10.01.2021	Releasing the whale video circulation	WhatsApp groups	250
12	11.01.2021	Sea rescue steamer item	WhatsApp groups	250
13	13.01.2021	About sound navigation system working	WhatsApp groups	250
14	16.01.2021	Do you want to recover? Save it now!	WhatsApp groups	250
15	16.01.2021	Turtle saving video	WhatsApp groups	250
16	18.01.2021	Chill killing practices	WhatsApp groups	250

17	19.01.2021	Safety at sea for fishermen	WhatsApp groups	250
18	20.01.2021	Today juveniles, Tomorrows	WhatsApp groups	250
19	20.01.2021	Value addition of fishery products	WhatsApp groups	250
20	23.01.2021	Whale behaviour video	WhatsApp groups	250
21	23.01.2021	Turtle releasing video	WhatsApp groups	250
22	23.01.2021	Releasing juvenile turtles in sea	WhatsApp groups	250
23	24.01.2021	Turtle releasing video	WhatsApp groups	250
24	25.01.2021	Requested all the stake holders and fishermen and crew members for recording the photos and taking videos	WhatsApp groups	250
25	27.01.2021	GPS Buoy: it is used to locate position of gillnet or long line operated area.	WhatsApp groups	250
26	29.01.2021	Chill killing practices and live handling of fish catch material	WhatsApp groups	250
27	30.01.2021	Ocean on plastic bottle is art. Plastic on the ocean is not	WhatsApp groups	250
28	31.01.2021	Kerala NGO takes initiative to conservation of sea turtle	WhatsApp groups	250

### 5. TAMIL NADU NORTH

➤ 9 extension programmes were conducted as per the details given below.

Selected Place	Harbour	Vessel	Df	Total Programme	Total Beneficiaries
Cuddalore	1	6	2	9	252
<b>Total</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>9</b>	<b>252</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	07.01.21	Cuddalore	Harbour based programme	30
2	08.01.21	Cuddalore	Dry fish programme	30
3	08.01.21	Cuddalore	Vessel based programme	30
4	09.01.21	Cuddalore	Dry fish programme	30
5	09.01.21	Cuddalore	Vessel based programme	30
6	11.01.21	Cuddalore	Vessel based programme	30
7	12.01.21	Cuddalore	Vessel based programme	27
8	29.01.21	Cuddalore	Vessel based programme	30
9	29.01.21	Cuddalore	Vessel based programme	15



*Vessel based programme at Cuddalore*

➤ **Details of information disseminated to stakeholders on social media during the month - (37 groups in 10 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No. of Viewers
<u>1</u>	01.01.21 to 31.01.21	<ul style="list-style-type: none"> <li>• Square mesh cod end</li> <li>• Sea Safety- Life Jacket</li> <li>• Boat arrival details</li> <li>• Fishing boat operation details</li> </ul>	Facebook and Whatsapp	1050

- Fisheries news published in various news papers
- Local issues (Fisheries)
- Fish market news
- COVID 19 news related to fisheries
- Destructive fishing practices
- Weather information issued by the fisheries department
- Messages announced by the fisheries department

## 7. TAMIL NADU SOUTH

➤ 15 extension programmes were conducted as per the details given below

Selected Place	Vessel	PPC	PC	Total Programme	Total Beneficiaries
Tuticorin	2	1	1	4	94
Ramnad	4		1	5	188
Kanyakumari	6			6	87
<b>Total</b>	<b>12</b>	<b>1</b>	<b>2</b>	<b>15</b>	<b>369</b>

No.	Date	Place	Type of Programme	No.of Beneficiaries
1	08.01.21	Tuticorin	Pre processing	30
2	09.01.21	M/s. Baby Marine Eastern Exports, Ramnad	Processing	33
3	12.01.21	Ramnad	Vessel based programme	45
4	12.01.21	Ramnad	Vessel based programme	40
5	13.01.21	Ramnad	Vessel based programme	35
6	13.01.21	Ramnad	Vessel based programme	35
7	21.01.21	Kanyakumari	Vessel based programme	13
8	21.01.21	Kanyakumari	Vessel based programme	15
9	22.01.21	Kanyakumari	Vessel based programme	15
10	22.01.21	Kanyakumari	Vessel based programme	15
11	23.01.21	Kanyakumari	Vessel based programme	14
12	23.01.21	Kanyakumari	Vessel based programme	15
13	25.01.21	Tuticorin	Vessel based programme	14
14	25.01.21	Tuticorin	Vessel based programme	15
15	29.01.21	M/s Vitality Aquaculture Pvt Ltd, Tuticorin	Processing	35



Vessel based programme at Tuticorin



Processing programme at Ramnad

➤ Other works and activities performed during the month are briefed below.

Sl.No:	Date	Activity	People involved	Particulars
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1	01.12.21	Online meeting	CE & SCO	Regarding status of extension programmes as per the action plan 2020-21
2	10.12.21	Discussion	SCO & CRS Derose, NGO	Regarding NETFISH training programmes
3	14.12.21	Discussion	AD Fisheries, SCO & NGOs	Regarding Vessel Log Sheet Implementation
4	15.12.21	Discussion	Mr. Kasinatha Pandian, DDF & SCO	Regarding Vessel Log Sheet Implementation in Colachel
5	15.12.21	Discussion	SCO & NGOs	District level expert appraisal committee meeting of FFMA at O/o DDF, Nagercoil
6	20.12.21	Discussion	SCO & MOS Fishermen Union, Nagercoil	Regarding formation of FPO
7	21.12.21	Online meeting	SCO & HDCs	Regarding Marine mammal & Sea turtle By catch Survey
8	29.10.21	Meeting	AD, MPEDA, SCO, Exporter and Fishermen	Exporter /Fishermen meeting with AD, MPEDA
9	31.12.21	Field visit	SCO	Documentation of Good Fishing practices by Traditional fishing boats using Hook and Line

➤ **Details of information disseminated to stakeholders on social media during the month - (9 WhatsApp groups in 9 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers (Approx)
1	05.01.21	More fish in your plate more healthy your body (MPEDA Poster) Consuming the healthiest and tasty food ever-sea food Facts of sea turtle	WhatsApp	542
2	06.01.21	Register now for the virtual buyer and sellers(MPEDA Poster) Equipment distribution advertisement for fisherman given by Tamil Nadu government Fisher processor application	WhatsApp	395
3	07.01.21	Life jacket is essential (MPEDA Poster) Turtles awareness image	WhatsApp	393
4	08.01.21	Life jacket awesomeness images	WhatsApp	32
5	09.01.21	Did you know the life plan of these(Tamil)	WhatsApp	96
6	10.01.21	Fishing by Bamboo(video)	WhatsApp	62
7	11.01.21	Weather warnings (Ad fisheries Strengthening India sea food trade Strengthening India EU seafood trade COVID-19 vaccine safe Coast guard rehearsal-Sea safety	WhatsApp	754
8	13.01.21	Shot note on sea turtle Habitat of marine life explaining image A colourful world inhabited by marine life Habitual of marine life Plastic awareness	WhatsApp	587
9	14.01.21	we created new food chain(tamil) MPEDA's COVID-19 guidelines video about seafood sector	WhatsApp	223

10	21.01.21	Dont do sea as a dustbin Subsidy of fishing material Fisherman missing photo	WhatsApp	177
11	22.01.21	We strongly condemn the srilankan Navy for fisherman death Equipment distribution advertisement for fisherman by Tamil Nadu government	WhatsApp	168
12	25.01.21	Best tourist in the world	WhatsApp	63
13	26.01.21	Keep sailing through the sea of freedom (MPEDA Poster) Explained the facts about Indian seafood image Let's keep sailing through the sea of freedom(MPEDA Poster)	WhatsApp	304
14	30.01.21	Monterey bay aquarium Bottom trawling fishing Artificial corals to augment fish stocks	WhatsApp	436
15	31.01.21	Damage of sea floor bed due to bottom trawl Trawl fishing	WhatsApp	290

## 8. KERALA SOUTH

➤ 13 Extension programmes were conducted as per the details given below.

Selected Place	Harbour	Vessel	Df	Other Specpl.	Total Programme	Total Beneficiaries
Thoppumpady	1	9			10	91
Chellanam			2		2	40
Azheekal				1	1	30
<b>Total</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>13</b>	<b>161</b>

No.	Date	Place	Type of Programme	No.of Beneficiaries
1	08.01.21	Thoppumpady	Vessel based programme	10
2	08.01.21	Thoppumpady	Vessel based programme	11
3	11.01.21	Chellanam	Dry fish programme	20
4	12.01.21	Thoppumpady	Vessel based programme	12
5	21.01.21	Thoppumpady	Harbour based programme	3
6	21.01.21	Thoppumpady	Vessel based programme	8
7	21.01.21	Thoppumpady	Vessel based programme	11
8	22.01.21	Thoppumpady	Vessel based programme	12
9	23.01.21	Thoppumpady	Vessel based programme	8
10	27.01.21	Chellanam	Dry fish programme	20
11	27.01.21	Thoppumpady	Vessel based programme	9
12	28.01.21	Azheekkal	Sea Safety & KMFRA rules (jointly with CIFNET)	30
13	29.01.21	Thoppumpady	Vessel based programme	7





**Vessel based programme at Thoppumpady****Dry fish programme at Chellanam****CIFNET-NETFISH joint Awareness programme on Sea Safety at Azheekkal Harbour, Kayamkulam**

➤ **Other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	6.01.21	Meeting	District Coordinator, Asst. Coordinator, & Programme Officer, Suchitwa Mission & SCO	Regarding Video documentation of Suchitha Sagaram Project.
2	18.01.21	Training	CE & SCOs	Attended Processing plant training programme at Unni & Co. Ezhikkara
3	21.01.21	Meeting	Administrator, Assistant Engineer, Thoppumpady FH & SCO	Improvement of harbour operations at Cochin fisheries harbour.
4	25.01.21	Meeting	Asst.General Manager & Deputy Manager, CSR, Cochin Port Trust & SCO	Regarding installation of Water Kiosk at Cochin Fisheries Harbour
5	--	Data collection	SCO & HDC Neendakara	10 log sheet report submitted to FIP team

➤ **Details of information disseminated to stakeholders on social media during the month - (9 WhatsApp groups in 9 harbours)**

Sl.No	Date	Content Disseminated	Social Media Used	No. Of Viewers
1	01/01/2021	MPEDA new year wishes poster	Whatsapp	1209
		Save sea New year pledge		1209
		Warning message INCOIS		1209
2	04/01/2021	Availability of oil sardine newspaper report	Whatsapp	1231
		Sustainable fishing poster MPEDA		1231
		Sea food restaurant news-news paper cutting		1231
3	04/01/2021	Avoid straws -poster	Whatsapp	1230
		Climate change-central plan for coastal protection (news paper cutting)		1230
4	05/01/2021	MPEDA covid guide line video Malayalam	Whatsapp	1322
		Why we should eat more fish in 2021		1322
		Malayalam poster		1322
		Heart health omega 3		1322
		Ornamental fisheries cultivation has high commercial value -poster		1322
5	05/01/2021	India v/s US export of shrimp	Whatsapp	1318
		Fishery of fish production in India		1318
		Dispose your mask property		1318
		Major area mussel culture in India, Dpt. of fisheries		1318

8	12/01/2021	National Youth Day Wishes	Whatsapp	1243
9	13/01/2021	Increase the quality of fish to get a better price	Whatsapp	1205
		Shrimp chilling notes		1205
		Shrimp chilling video		1205
		Shrimp chilling in Vypin harbour video		1205
10	14/01/2021	Makar sankranti wishes	Whatsapp	1196
		Stop catching small fish newspaper cutting		1196
11	15/01/2021	Food security is everyone's responsibility	Whatsapp	1181
		Do not over-store food items that others need		1181
		Indian army day wishes		1181
12	16/01/2021	Before and after post harvest loss programme	Whatsapp	1192
		Responsible fishing poster		1192
		Along with great fishing comes great responsibility		1192
		Before and after fishermen convince		1192
13	17/01/2021	Sea food India- MPEDA video	Whatsapp	1206
		Budget details Central Gov in fisheries sector newspaper cutting		1206
14	18/01/2021	CMFRI photography contest	Whatsapp	1085
15	19/01/2021	MPEDA& CIFNET conduct effective training programmes video	Whatsapp	1026
		Minimum legal size of fishes		1026
		MPEDA sea food India stall poster		1026
		IUU fishing poster		1026
16	20/01/2021	Say No To Over Fishing	Whatsapp	1232
		Get export quality seafood at your door step from MPEDA's sea food India stall		1232
17	21/01/2021	Life buoy	Whatsapp	1113
		Avoid plastic bottle in ocean		1113
		Congratulations Joe Biden& Kamala Haris		1113
18	22/01/2021	avoid strew	Whatsapp	1008
		Sea food poster		1008
19	23/01/2021	Get PHT. do export	Whatsapp	1211
		We are looking for quality control trainees-		1211
		We are hiring fisheries management trainees -		1211
20	24/01/2021	Plastic bottle avoid in ocean	Whatsapp	1208
		Munambam harbour water Kiosks over fishing is overrated		1208
21	26/01/2021	72 nd Republic day wishes	Whatsapp	1267
22	27/01/2021	Juvenile fishing pdf	Whatsapp	1268
23	28/01/2021	Discarded fish net	Whatsapp	1297
		Star turtle video in FB		1297
		Ali Manik Fan in Pathma Puraskar in FB		1297

### **NETFISH IMPACTS**

- ▶ By NETFISH regular awareness on advantages of chill killing method, 4 boat owners at Thoppumpady fishing harbour had purchased insulated fish tubs and started practicing chill killing method in their fishing vessels. Now they earn Rs.4000-5000 more from a single auction (60 boxes).



## 8. KERALA NORTH

➤ 22 awareness programmes were conducted as per the details given below.

Selected Place	Harbour based	Vessel based	PPC	PC	Df	Other spec.	Total Programme	Total Beneficiaries
Vypeen		15	2				17	228
Chettuva	2				1		3	43
Ezhikkara				1			1	36
Kochi						1	1	16
<b>Total</b>	<b>2</b>	<b>15</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>22</b>	<b>323</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	04.01.21	Vypeen	Vessel based programme	11
2	06.01.21	Chettuva	Harbour based programme	18
3	06.01.21	Chettuva	Harbour based programme	18
4	06.01.21	Chettuva	Dry fish programme	7
5	07.01.21	Vypeen	Vessel based programme	13
6	07.01.21	Vypeen	Vessel based programme	10
7	07.01.21	Vypeen	Pre processing	30
8	07.01.21	Vypeen	Pre processing	29
9	08.01.21	Vypeen	Vessel based programme	11
10	08.01.21	Vypeen	Vessel based programme	12
11	09.01.21	Vypeen	Vessel based programme	13
12	11.01.21	Vypeen	Vessel based programme	12
13	12.01.21	Vypeen	Vessel based programme	13
14	13.01.21	Vypeen	Vessel based programme	11
15	14.01.21	Vypeen	Vessel based programme	7
16	14.01.21	Vypeen	Vessel based programme	10
17	18.01.21	Ezhikkara	Processing	36
18	18.01.21	Vypeen	Vessel based programme	12
19	21.01.21	CIFNET Kochi	Sea safety & navigation & Fish quality Management in fishing vessel (jointly with CIFNET)	16
20	22.01.21	Vypeen	Vessel based programme	13
21	25.01.21	Vypeen	Vessel based programme	10
22	29.01.21	Vypeen	Vessel based programme	11



**Fishing vessel based programme at Vypin**



**Processing plant training programme at Unni & Co. Ezhikkara**

NETFISH and CIFNET jointly conducted a special training programme for the fishermen from trawl boats of Vypin fishing harbour on sea safety, navigation and fish quality management in fishing vessel. The programme was conducted under the PMMSY scheme of CIFNET. CIFNET faculties Sri. M.P. Mohanan took class on sea safety and navigation where the fishers were taught on the rules for safe navigation and sea safety. He also explained the about the sea safety equipments to be used on board. The trainees were taken to the demonstration lab where the sea safety equipments are displayed. Sixteen fishermen participated in the training programme. In the afternoon , Sri K Pradeep CIFNET faculty took class on fish quality management in fishing vessels. The trainees were training certificate.



**Fishermen attending the CIFNET training**



**Trainees along with officials**

➤ **Other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	04.01.21	Meeting	Deputy Collector, JD, Fisheries, Officials from HED, Dept.of fisheries, Matsyafed, SCO, Post conservator & Hygiene inspector of Munambam FH	Attended 34 <sup>th</sup> Munambam fishing harbour Management Society meeting
2	19.01.20	Harbour visit	SCO	Coordinated with MPEDA team on MPEDA promo video shoot at Munakkakadavu FH

NETFISH efforts to improve the total hygienic and operational standards of Munakkakadav Fishing harbor has started to give results in many aspects including harbour hygiene, workers

personal hygiene, fish handling practice etc. In order to document the achievements, a video shooting was done in the harbour on 19/1/2021.



**Video Shooting at Munakkkadavu Harbour**

➤ **Details of information disseminated to stakeholders on social media during the month - (11 WhatsApp groups in 11 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	1/1/2021	New year message- Hoping for a good catch: so we are	Whats App	1337
2	1/1/2021	New year resolution	Whats App	1191
3	2/1/2021	Take precaution in catching juvenile sardine	Whats App	1150
4	2/1/2021	With great fishing comes great responsibility	Whats App	1326
5	3/1/2021	Climate change; Central govt plan for coastal protection	Whats App	1327
6	3/1/2021	Skip a straw while drinking	Whats App	1320
7	4/1/2021	MPEDA's COVID-19 guidelines for seafood sector	Whats App	1316
8	4/1/2021	We don't need your mask	Whats App	1321
9	5/1/2021	Why we should eat more fish in 2021	Whats App	1321
10	5/1/2021	Make your heart's dream come true	Whats App	1321
11	6/1/2021	The arrival of sea turtles off the coast has stopped - Kerala news	Whats App	1310
12	6/1/2021	Sea turtle laying eggs- video	Whats App	1295
13	6/1/2021	Sea turtle under water (video)	Whats App	1283
14	6/1/2021	Sea turtle eggs	Whats App	1302
15	6/1/2021	A turtle was here	Whats App	1297
16	7/1/2021	INDIA and US -shrimps	Whats App	1297
17	7/1/2021	Four people were rescued by a drone- Kerala news	Whats App	1297
18	8/1/2021	Are you great swimmer- use life jacket	Whats App	1292
19	8/1/2021	At sea your life savour is not always a human	Whats App	1284
20	9/1/2021	Fight against IUU fishing	Whats App	1275
21	10/1/2021	Save the Ocean	Whats App	1276
22	11/1/2021	Rescue of a turtle trapped during fishing (Vypin	Whats App	1277

		harbour )		
23	12/1/2021	(13messages) on Chilling Killing in fishing boat	Whats App	1276
24	13/1/2021	Audio from SCO Santhosh about chill killing	Whats App	1273
25	13/1/2021	Chilling photos	Whats App	1269
26	14/1/2021	Video- chilling	Whats App	1268
27	14/1/2021	Happy Makar Sankranti	Whats App	1281
28	14/1/2021	MPEDA seafood India stall	Whats App	1267
29	15/1/2021	Do not overstock food supplies	Whats App	1281
30	15/1/2021	Food safety is every one's business	Whats App	1277
31	15/1/2021	Old fish caught for sale in Ponnani Harbour (video)	Whats App	1269
32	16.01.21	Avoid overfishing	Whats App	1275
33	16.01.21	Responsible fishing	Whats App	1268
34		News report regarding illegal catch of Karimeen juveniles	Whats App	1262
35	18.01.21	Responsible fishing	Whats App	1275
36	19.01.21	Ad. of Sea food India stall	Whats App	1268
37	19.01.21	Fight against IUU fishing	Whats App	1267
38	20.01.21	Video from CIFNET for fishermen training	Whats App	1258
39	21.01.21	Save ocean from Plastic	Whats App	1248
40	21.01.21	Inauguration notice of water kiosk at Munambam	Whats App	1242
41	22.01.21	Seafood	Whats App	1241
42	22.01.21	Skip a straw while drinking	Whats App	1255
43		Inauguration of Drinking water kiosk at Munambam Harbour	Whats App	1246
44	24.01.21	Marine ambulance inauguration in Kerala	Whats App	1235
45	25.01.21	Importance of life jacket 1	Whats App	1231
46	25.01.21	Importance of life jacket 2	Whats App	1229
47		Drinking water cooler inauguration at Munakkakadavu fishing harbour	Whats App	1228
48	25.01.21	Post regarding Indian seafood export	Whats App	1230
49	26.01.21	Happy Republic day post 1	Whats App	1239
50	26.01.21	Happy Republic day post 2	Whats App	1240
51	27.01.21	Post against juvenile fishing	Whats App	1222
52	28.01.21	News on Govt. ban for inland juvenile fishing	Whats App	1201
53	28.01.21	Responsible fishing	Whats App	1193
54		Video regarding the use of insulated box at Andhra market	Whats App	1190
55	29.01.21	Why we should eat more fish in 2021	Whats App	1184
56	29.01.21	Fish contains omega 3 fatty acid	Whats App	1183
57	30.01.21	Do not throw plastic waste at ocean	Whats App	1156
58	30.01.21	Ad. of Sea food India stall	Whats App	1154
59	1/1/2021	New year message- Hoping for a good catch: so we are	Whats App	1337
60	1/1/2021	New year resolution	Whats App	1191
61	2/1/2021	Take precaution in catching juvenile sardine	Whats App	1150

## 9. Karnataka & Goa

➤ 22 awareness programmes were conducted as briefed below.

Selected Place	Harbour based	Vessel based	PPC	PC	Df	Other Spcl.	Total Programme	Total Beneficiaries
Gangolli	1	11				2	14	284
Honnavar					1		1	28
Malpe			5			1	6	172
Mangalore				1			1	35
<b>Total</b>	<b>1</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>22</b>	<b>519</b>

No.	Date	Place	Type of Programme	No.of Beneficiaries
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1	1/7/2021	Gangolli	Vessel based programme	18
2	1/8/2021	Gangolli	Vessel based programme	21
3	1/9/2021	Honnavar	Dry fish programme	28
4	1/11/2021	Gangolli	Vessel based programme	24
5	1/12/2021	Gangolli	Vessel based programme	26
6	1/13/2021	Malpe	Pre-processing	30
7	1/13/2021	Malpe	Pre-processing	32
8	1/15/2021	Gangolli	Vessel based programme	18
9	1/15/2021	Gangolli	Vessel based programme	21
10	1/16/2021	Malpe	Pre-processing	30
11	1/18/2021	Gangolli	Vessel based programme	19
12	1/19/2021	Malpe	Pre-processing	30
13	1/19/2021	Malpe	Pre-processing	30
14	1/20/2021	Gangolli	Harbour based programmes	25
15	1/21/2021	Gangolli	Vessel based programme	18
16	1/22/2021	Gangolli	Vessel based programme	19
17	1/25/2021	Gangolli	Vessel based programme	18
18	1/27/2021	Gangolli	Vessel based programme	17
19	1/28/2021	M/S Sterling seafoods, Mangalore	Processing	35
20	1/29/2021	Gangolli	Harbour based programme- CIFT	20
21	1/30/2021	Malpe	Harbour based programme- CIFT	20
22	1/31/2021	Gangolli	Harbour based programme- CIFT	20



*Vessel based programme at Gangolli*



*PPC programme at Malpe*

➤ **Other works and activities performed during the month are briefed below**

Sl.No:	Date	Activity	People involved	Particulars
1	08.01.21	Meeting	AD, Fisheries, Honnavar, SCO & NGO	Discussion in connection with Covid-19 guidelines implementation in the fishing harbor.
2	11.01.21	Discussion	SCO & HDCs	In connection with Marine Mammals and Sea turtle survey and data entry system in excel sheets.
3	12.01.21	Meeting	AD, Fisheries, Bhatkal, SCO & NGO	Discussion in connection with Covid-19 guidelines implementation in the fishing harbor.

➤ **Details of information disseminated to stakeholders on social media during the month - (9 WhatsApp groups in 9 harbours)**

Sl.No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	1/1/2021	Hoping for a good catch	Whatsapp groups	702
2	1/2/2021	Why we should eat more fish in 2021?	Whatsapp groups	702
3	1/2/2021	virtual buyer seller meeting.(Facebook,	Whatsapp groups	702

		Instagram, Twitter video)		
4	1/4/2021	Covid 19 guidelines	Whatsapp groups	702
5	1/5/2021	MPEDA webinar series	Whatsapp groups	702
6	1/5/2021	Fish release video from Tamil Nadu	Whatsapp groups	702
7	1/5/2021	Indian sea food photo	Whatsapp groups	702
8	1/6/2021	MPEDA RGCA is empowering private aquaculture	Whatsapp groups	702
9	1/6/2021	whale release video	Whatsapp groups	702
10	1/6/2021	Turtle released video from Harne fisherman	Whatsapp groups	702
11	1/7/2021	Turtle video	Whatsapp groups	702
12	1/7/2021	Life jacket	Whatsapp groups	702
13	1/9/2021	Sound navigation video	Whatsapp groups	702
14	1/10/2021	Fish catch video	Whatsapp groups	702
15	1/10/2021	Ending over fishing video	Whatsapp groups	702
16	1/10/2021	Turtle released video	Whatsapp groups	702
17	1/11/2021	Turtle released video	Whatsapp groups	702
18	1/12/2021	Covid 19 vaccine is safe	Whatsapp groups	702
19	1/12/2021	Ice handling video	Whatsapp groups	702
20	1/13/2021	Sea turtle released by Porbandar fisherman	Whatsapp groups	702
21	1/14/2021	Makar Sankranti picture	Whatsapp groups	702
22	1/14/2021	Kandla detail	Whatsapp groups	702
23	1/15/2021	Online registration webinar series(Facebook, Instagram, twitter)	Whatsapp groups	702
24	1/15/2021	Under water garage	Whatsapp groups	702
25	1/15/2021	Crab information	Whatsapp groups	702
26	1/16/2021	Sea turtle released by vadarai fisherman	Whatsapp groups	702
27	1/17/2021	Puffer fish self defence video	Whatsapp groups	702
28	1/17/2021	Virtual training programs	Whatsapp groups	702
29	1/17/2021	Foundation laying ceremony pictures	Whatsapp groups	702
30	1/19/2021	New safety device to be fixed in fishing boats in Kerala	Whatsapp groups	702
31	1/19/2021	Sound of whale video	Whatsapp groups	702
32	1/19/2021	Sea turtle released video from Thoothoor village fisherman	Whatsapp groups	702
33	1/20/2021	Export quality seafood at your doorstep from MPEDA	Whatsapp groups	702
34	1/20/2021	CIFNET video	Whatsapp groups	702
35	1/20/2021	MPEDA calls for fisheries management trainees and quality control trainees	Whatsapp groups	702
36	1/21/2021	Field manual pdf	Whatsapp groups	702
37	1/22/2021	Ocean on a plastic bottle is art	Whatsapp groups	702
38	1/22/2021	Second olive ridley turtle lays 112 egg at galgibag video	Whatsapp groups	702
39	1/22/2021	Shark released video	Whatsapp groups	702
40	1/22/2021	Shark released photos	Whatsapp groups	702
41	1/23/2021	Water kiosk opening photos	Whatsapp groups	702
42	1/23/2021	Native gadget for fishing boats	Whatsapp groups	702
43	1/26/2021	Fish save from plastic video	Whatsapp groups	702
44	1/26/2021	Republic day picture	Whatsapp groups	702
45	1/26/2021	Juvenile fishing pdf	Whatsapp groups	702
46	1/27/2021	Covid19 largest vaccine drive photo	Whatsapp groups	702
47	1/27/2021	Deep sea Pomfret fishing video	Whatsapp groups	702
48	1/28/2021	The training programme organised by CMFRI	Whatsapp groups	702
49	1/29/2021	Turtle release video from Kakdwip fisherman	Whatsapp groups	702
50	1/29/2021	Turtle released video from Porbandar fisherman	Whatsapp groups	702
51	1/29/2021	CIBA develops indigenous hatchery tech for high	Whatsapp groups	702



52	1/30/2021	Dead whale video from thivuvottriyur fishing harbour	Whatsapp groups	702
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### NETFISH IMPACTS

- ▶ Fish handling practice has improved at Gangolli fishing harbour by adopting plastic boxes and crates for keeping fish and the catch is unloaded from the boats and transported without much delay, preserved in sufficient quantity of clean ice.



- ▶ Dumping of crushed ice on floor is also stopped and the crushed ice brought in vehicle is now transferred directly from the vehicle to the fish boxes.



## 10. MAHARASHTRA

- Extension programmes during the month consisted of 5 awareness programmes, as per the details given below.

Selected Place	Harbour based	PC	Total Programme	Total Beneficiaries
Harne	4		4	42
Raigad		1	1	26
<b>Total</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>68</b>

No.	Date	Place	Type of Programme	No. of Beneficiaries
1	01.01.21	Harne	Harbour based programme	6
2	01.01.21	Harne	Harbour based programme	8
3	02.01.21	Harne	Harbour based programme	12
4	02.01.21	Harne	Harbour based programme	16
5	14.01.21	Raigad	Processing	26



*Harbour based programme at Harne*



*Processing programme at Raigad*

➤ **Other works and activities performed during the month are briefed below.**

Sl.No:	Date	Activity	People involved	Particulars
1	11.01.21	Meeting	SCO	Attended Meeting headed by Principal Secretary, Animal Husbandry, Dairy and Fisheries (ADF) along with DD, MPEDA, RD Panvel, to discuss on criteria of Fish Draught and on giving compensation to fishers affected by fish draught

➤ **Details of information disseminated to stakeholders on social media during the month - (15 WhatsApp groups in 15 harbours)**

Sl. No:	Date	Content Disseminated	Social Media Used	No: of Viewers
1	02.01.2021	"Why we should eat more fish in 2021?"	WhatsApp	845
2	04.01.2021	Shared a letter from Shri. Arun Toraskar, Secretary, Taramumbri Society to NETFISH Maharashtra WhatsApp group.		
3	05.01.2021	Image and information of Radio Buoy used to locate position of gillnet or long line operated area. Turtle egg laying pictures from Gujarat Release of Dugong from fishing vessel at Tamilnadu		
4	06.01.2021	News cutting from Andhra Pradesh where Ring seine is banned upto 8 Kms from seashore. Video from Harne in which fishermen released Turtle from gillnet. Newspaper cutting about Pomfret fisheries from Palghar district		
6	10.01.2021	Newspaper cutting about State Government submitted Proposal to Centre to develop 08 major fishing harbours along with 59 fish landing centres.		
7	12.01.2021	Letter from Deputy Secretary, Govt. of Maharashtra about Revision of Compensation to fishermen engaged in escaping rare sea animals from their fishing nets. Newspaper article from about Pollution in Tarapur, District-Palghar. Good photo of beach cleaning with message.		
8	13.01.2021	YouTube Video link of MPEDA's Covid guidelines (in Hindi)		
9	14.01.2021	Newspaper articles about Proposal submitted for about 300 Crores for Satpati harbour. Survey work is started. Seafood Processing Training programme photos		

10	15.01.2021	Article about various issues of fishermen. Video of Whale engulfing shoal of fishes.		
11	16.01.2021	Before and After photo of Live Chilling practices from West Bengal to show difference about minimising Post harvest loss. Training programme details on "Preparation of Value-added fish products for boosting Fish preneurship Organized by CIFT. Video on escaping a turtle caught during fishing operation.		
12	19.01.2021	Video "MPEDA in association with CIFNET conducts Effective Training Programmes" Turtle releasing videos from Tamilnadu		
13	20.01.2021	News on Conservation of Turtle and their eggs in Guhagar Taluka, District-Ratnagiri".		
14	21.01.2021	Video of MPEDA Seafood Advt Youtube link about "Govt of Tamilnadu launched new Deep Sea Tuna Long Liner Boats for fishermen of Rameswaram"		
15	25.01.2021	Video "Remote Controlled "U-Safe" Buoy retrieving drowning people".		
16	26.01.2021	Happy Republic day message		
17	29.01.2021	Video by Monterey Bay Aquarium "Adverse Effects of Bottom Trawling on marine Environment"		

## 11. GUJARAT

➤ During the month, 16 training programmes were conducted, as briefed below.

<i>Selected Place</i>	<i>Harbour</i>	<i>Vessel</i>	<i>PC</i>	<i>Total Programme</i>	<i>Total Beneficiaries</i>
Veraval	7	4	2	13	260
<b>Total</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>13</b>	<b>260</b>

<i>No.</i>	<i>Date</i>	<i>Place</i>	<i>Type of Programme</i>	<i>No.of Beneficiaries</i>
1	06.01.21	Veraval	Harbour based programme	16
2	07.01.21	Veraval	Harbour based programme	18
3	08.01.21	Veraval	Harbour based programme	22
4	08.01.21	Veraval	Vessel based programme	15
5	13.01.21	Veraval	Harbour based programme	22
6	16.01.21	Veraval	Vessel based programme	14
7	19.01.21	Veraval	Vessel based programme	12
8	20.01.21	Veraval	Harbour based programme	26
9	21.01.21	Veraval	Harbour based programme	20
10	22.01.21	Veraval	Harbour based programme	16
11	25.01.21	Veraval	Processing	35
12	27.01.21	Veraval	Processing	35
13	27.01.21	Veraval	Vessel based programme	9

➤ Other works and activities performed during the month are briefed below.

<i>Sl.No:</i>	<i>Date</i>	<i>Activity</i>	<i>People involved</i>	<i>Particulars</i>
1	11.01.21	Meeting	Commissioner, Deputy Commissioner, DD MPEDA & SCO	Regarding specific action plan, submitting report of previous meeting , Juvenile fishing etc.
2	21.01.21	Discussion	ASF, Dept.of Fisheries, SCO & NGO	Visited Dept. of fisheries Veraval and discussed on participation in Extension Training programmes



*Harbour based programme at Veraval*



*Demonstrating chill killing during fishing vessel based programme at Veraval*

➤ **Details of information disseminated to stakeholders on social media during the month-** (12 WhatsApp groups in 12 harbours)

<i>Sl.No:</i>	<i>Date</i>	<i>Content Disseminated</i>	<i>Social Media Used</i>	<i>No: of Viewers</i>
1	01/01/21	1.We hope good catch in 2021 2.Waste bring back by Fishermen at Veraval Harbour 3.Information about sea horse , tuna fish	Whats app	More than 1200
2	02/01/21	1.Information on Indian goat fish, blue whale 2.Why we have to eat more fish in year 2021	Whats app	More than 1200
3	03/01/21	1.Information about Barracuda fish, eel fish 2.Video of leatherback turtle	Whats app	More than 1200
4	04/01/21	1.Information about Sea urchins , Sharks fish , sword fish etc	Whats app	More than 1200
5	05/01/21	1.Video of whale shark 2.Information about Red lip Parrot fish 3.Video and Photos of sea turtle laying eggs Near Mangrol FH 4.Video of Dolphin 5.Video of Hawksbill turtle 6.Register for virtual buyer seller meet by MPEDA	Whats app	More than 1200
6	06/01/21	1.Information about Tawny nurse shark 2.We know how to cook delicious shrimps than any other county, flash news India continue to be the largest exporter of shrimps to USA 3.Whale shark about to deplete in Ocean 4.Vidoe of Whale shark released	Whats app	More than 1200
7	07/01/21	1.Information about Pilot fish, Japan sea lion, sea turtle 2.Video of Lobster vs Trigger fish 3.Life jacket 4.Video of present condition of Porbandar FH	Whats app	More than 1200
8	08/01/21	1.Video of Fishermen of Veraval released whale fish 2.Outcome photos of HBP conducted at Veraval 07/08/01 3.Out come photos of FVBP conducted at Veraval on 08/01/21	Whats app	More than 1200
9	09/01/21	1.Information about jelly fish 2.In 1608 first vessel namely Hector landed at Surat in India 3.Information about Covid-19 4.Video of Eco sounder	Whats app	More than 1200
10	10/01/21	1.Information on Oualan Bulls eyes , Prawn & lobster curry , 2.Video of sea turtle released by Mangrol fishermen	Whats app	More than 1200

11	11/01/21	1..Design of Doll net fish 2. Information about spinner dolphin	Whats app	More than 1200
12	12/01/21	1.Information on Dolphin	Whats app	More than 1200
13	13/01/21	1.Information about whale , Japan travelly , food chains 2.Video of sea turtle released by Porbandar fishermen	Whats app	More than 1200
14	15/01/21	1.Information about eating of sea food 2.video of crab	Whats app	More than 1200
15	16/01/21	1.Information about stony coral 2.Youtube video MPEDA covid-19 guide line in Gujarati	Whats app	More than 1200
16	17/01/21	1.Video of Puffer fish self defence 2.Information about Dolphin	Whats app	More than 1200
17	18/01/21	1.Information about Spotted Spanish Mackerel 2.Deference between Dolphin and Porpoise 3.Leacher back turtle	Whats app	More than 1200
18	19/01/21	1Marine National Park –Pirotan (Jamnagar-Gujarat) 2.Environment of Bony fish 3.Vidoe of Whale shark	Whats app	More than 1200
19	20/01/21	1.Information about Octopus 2.Video of Sea turtle released by Porbandar fishermen 3.Information about Ribbon fish	Whats app	More than 1200
20	21/01/21	1.Stop plastic dumping in Ocean	Whats app	More than 1200
21	22/01/21	1.Information about Indian Halibut 2.Unit is strength chart of fishes 3.Video of Giant Crab Catching 4.Ocean are getting Sicker , let's do something Quicker	Whats app	More than 1200
22	23/01/21	Information about Eel fish, Shrimps	Whats app	More than 1200
23	24/01/21	Information about Mahi Mahi	Whats app	More than 1200
24	25/01/21	1.Information about whale sharks , Red king crab , sword fish 2.Chart of character after vaccination for covid-19 3.Video to stop throwing plastic in a sea	Whats app	More than 1200
25	26/01/21	1.Information about cuttle fish 2.Happy Republic day	Whats app	More than 1200
26	27/01/21	Information about Beluga Whale	Whats app	More than 1200
27	28/01/21	1.Information about star fish 2.Video of Jelly fish 3.Information about use of TED and US regulation	Whats app	More than 1200
28	29/01/21	1.Information about zooplankton 2.information about sea turtle released by Porbandar fishermen	Whats app	More than 1200
29	30/01/21	1.Information about black pomfret , barracuda , plastic pollution in sea	Whats app	More than 1200
30	31/01/21	1.Information about sperm whale , Big eye tuna 2.Grilled fish with grape sauce recipe	Whats app	More than 1200

## NETFISH IMPACTS

- ▶ Due to NETFISH continues awareness programmes, the fishermen of Veraval now clean all fish contact surface before and after use, use clean water, crates and boxes to reduce post harvest loss.



*Before*



*After*

- ▶ As a result of NETFISH Vessel based training programme in Gujarat region, the boat owner purchased insulated boxes and practicing chill killing method. The fishing vessel named 'Jal Sagar' saved Rs. 25000-30000 in one trip because of reduction in post harvest loss.



- ▶ Fishermen of Vanakbara- DIU made available hygienic ice to small FRP boat by making movable cold storage nearest to the harbour.



***Innovative/sustainable fishing practice observed during the month:*** NETFISH Gujarat had given training to HDCs and further HDCs have trained the fishermen about marine mammals and sea turtles, and now the fishermen are releasing protected animals like whale shark, sea turtle etc. which are accidentally caught in their net during fishing.



***Porbandar fishermen releasing back the Sea Turtles to sea***

