DIRECTORATE OF FISHERIES SINDH MARINE KARACHI

- The Sindh province holds a premier position in the fisheries sector of the country.
- It commands 100% of brackish, 65% of freshwater and 71% of marine water resources of the total fisheries resources of Pakistan.
- These resources have about 400 commercially important varieties of marine, 200 of freshwater and 13 of shrimps.
- Due to the environmental changes, freshwater resources are being depleting fast in the province and sea intrusion is being observed, 72 dehs out of 698 dehs of Thatta and Badin districts have been fully eroded by sea Total 350 km coastal belt of Sindh is lying virtually untapped, which needs to be exploited for shrimp, finfish, crabs, oyster and pearl culture etc. About 300,000 hectares area is available in the deltaic area for culture in ponds, pens and cages.
- Fisheries is a rapidly expanding sector and is playing an important role to supplement protein requirement of the masses.
- As the main source of our fisheries export is based on capture fisheries, which is being depleting day by day, hence aquaculture on marine and brackish water side is the only option to subsidize it, through cage, pen and pond culture techniques.

AIMS AND OBJECTIVES

To manage marine fisheries activities in the province which include as under:-

- Introduce / develop mariculture in coastal area of Sindh through shrimp culture in ponds and fin fish culture in pens and cages.
- Management, conservation and surveillance of marine/ coastal fisheries resources of the Province.
- Issuance/ renewal of licenses to steel hull/ fiber glass boats under 100 GRT operating in territorial waters of the province.
- Promote marine/ coastal fisheries and allied aquaculture.
- Collection and analyses of the statistical data of territorial marine fisheries.
- Enforcement of Fisheries Ordinance and rules in Marine/ Coastal sector.
- Development of marine capture/ culture fisheries on modern line.
- Develop post harvest facilities such as landing plate forms, Jetties, Chilling plants, cold storages, processing plants, auction halls/ markets & marketing channels including transportation.
- Frame marine fisheries policy in the province.
- Management, Conservation & Surveillance (MCS) of Marine/ coastal Fisheries resources of the province.
• Issuance/ renewal of licenses to trawlers / fishing boats in territorial waters & licenses to fishermen / fish dealers/fish processing units and quality control certificates to fish processing units in respective domain.

• Development of fisheries resources of territorial waters (marine/coastal waters) of the province.

• Enforcement of Fisheries Ordinance/ Act and Rules in Marine/ Coastal water.

• Propose amendment in existing Fisheries Ordinance and Rules related to inland/Marine/Coastal waters.

• Hydro acoustics/ Oceanographic/Stock Assessment Surveys of territorial Marine/Coastal Areas waters.

• Provision of extension services in province to promote marine/coastal fisheries and allied aquaculture.

• Coordination with other national & international agencies/organization/departments regarding/Management, Conservation, surveillance (MCS) and development of Marine & Coastal waters through Administrative Department.

• Plan, prepare & implement development schemes in the coastal area.

• Collection & analysis of the statistical data of territorial marine Fisheries.

• Arrange stake holders participation in development of marine fisheries through workshops, seminars, symposia etc.

• Development of marine/coastal capture/culture fisheries on modern lines.

• Keep quality control check over export/import of fish/shell fish & issue such certificates.

• Develop post harvest facilities such as landing platforms, jetties, chilling plants, processing plants, cold storages, auction halls/markets & marketing channels including transportation.

• Registration of fishermen, fish trawlers/boats operating in territorial waters (Marine & coastal waters) & Fish processing plants Factories.

• Educate and train the fishermen and to create awareness among them for MCS of fisheries resources.

• To issue licenses for fish trawlers boats & Fish meal Factories in order to increase revenue of the provinces.

• Provide modern facilities to marine/coastal fishermen community.

• Remove the grievances of fishermen of coastal area.
• Supervision of marine side provincial officers & projects.
• Control of Eco environment system of Marine / Brackish water.
• Under take measures for human resource Management/development in respective domain.

**PROGRESS REPORT REGARDING BAN NETS**

• After HRC case No.30735/2012 filed by Nawab Ali S/o Jan Muhammad Chandio R/o of bhabhor District Thatta and as per Decision of the meeting held on 07-02-2013 under the chairmanship of Additional Chief Secretary (Dev) P&D department Govt. of Sindh. As per ban on “the manufacturing, Processing, Fishing, transportation and lying at any place of set bag nets with code-end and other nets in any shape of less than 25mm stretched mesh size are strictly prohibited.” has been imposed notification no. 5(3) SO (Fish)/L & F/2012/ Karachi, date 5th August, 2013.

• Letter to law department for Amendment & vetting of notification even No. 31-05-2012.

• Raids are to be continued from the existing budget provision.

• Summery has been floated to the Honorable Chief Minister for allocation of funds Rs.6.4 million for the current financial year 2014-15 from Block Allocation so as to operation against ban nets i.e “Bullo, Gujjo & Katra” may be under taken.

• To strengthen the Director Fisheries Sindh Marine Karachi, scheme namely Surveillance and Conservation of provincial territorial water and establishment of offices in coastal areas has been prepared with cost Rs: 275.600 million and same has been included in ADP. 2014-15.

**DETAIL OF BAN NETS CONFISCATED / DESTROYED TO BURN**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of prohibited confiscated nets</td>
<td>233</td>
</tr>
<tr>
<td>No. of nets destroyed by burning</td>
<td>109</td>
</tr>
<tr>
<td>No. of nets ready for destroying by burning</td>
<td>50</td>
</tr>
<tr>
<td>No. of pending cases in court</td>
<td>74</td>
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</tbody>
</table>
Due to over exploitation and merciless catching of Fish Seed (Fin Fish / Shrimps and other Shell Fish) through ban nets i.e. Bullo, Gujjo and Katra, the Fish stocks are depleting very fast which directly affects the Fishermen Community as their livelihood is linked with the fishing in Sindh coast.

In order to curb / stop the fishing through illegal / ban nets and to save the Fish Progeny for sustainability of Fish Stocks, the Department has recently made the amendments in Fisheries Rules by issuing Notification dated 31.5.2012, so as to make the related law more effective.

Further, the Department has purchased Surveillance Boat for conservation purpose, which was inoperative due to non-availability of funds and staff.

The necessary staff (Launch Operator and other staff) has recently been appointed, and in this regard only funds are required.

In this regard, a strategy has been prepared to make three raids in a month for which an amount of Rs. 50,000/- per trip is required.

Further, a campaign through print and electronic media will be launched on regular basis for awareness of Fishermen Community to not use the destructive nets. In this regard Rs.0.5 million is required.

To implement the law and to remove these ban nets from creeks and coastal area of Karachi, Thatta and Badin districts the Surveillance Team has been constituted conduct raids during spring tide (related to moon).

In this regard instructions have also been issued by the Honorable Supreme Court of Pakistan on the complaints of Fishermen.

PROPOSED NEW SCHEMES

1. Small scale community based aquaculture in the coastal area of Sindh.

2. Conservation of Marine resources of Sindh through surveillance.

3. Awareness Campaign to eradicate use of prohibited Fishing Nets for protection of Marine Fish Stocks.


<table>
<thead>
<tr>
<th>REGISTRATION</th>
<th>KARACHI</th>
<th>THATTA</th>
<th>BADIN</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Fishing Boat</td>
<td>850</td>
<td>22</td>
<td>41</td>
<td>913</td>
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<tr>
<td>Fishermen</td>
<td>3921</td>
<td>22</td>
<td>41</td>
<td>3984</td>
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<tr>
<td>Fish Meal Factory</td>
<td>23</td>
<td>-</td>
<td>-</td>
<td>23</td>
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</table>


<table>
<thead>
<tr>
<th>Particular</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Fish Meal / Freezing Plants</td>
<td>1,18000</td>
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<tr>
<td>Fish Freezing Plant</td>
<td>6000</td>
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<tr>
<td>Registration of Boat</td>
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<tr>
<td>Registration Fishermen</td>
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