

Study on the Long Term Mechanism for the Revitalization Governance of the East China Sea Fishing Ground ---A Case Study of Zhoushan Fishing Ground Governance in Zhejiang

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Abstract. The East China Sea without fish, all sectors of society is widely concerned and central high level is shocked. Remediation fishing ground has become an urgent task. The author takes the Zhoushan Zhejiang fishing ground treatment as an example, a careful analysis of the main difficulties and problems encountered in the "One crack down Three renovation" of the Zhoushan fishing ground on the basis of clarifying the main practices and achievements of "One crack down Three renovation" in Zhoushan. From the perspective of building a long-term mechanism for the revitalization of fishing ground, the strategy of constructing a long-term mechanism of the East China Sea fishing ground governance is put forward.

"East China Sea without fish", central high level is shocked and the whole society is concerned. The governance of East China Sea fishing ground is really necessary. Zhejiang provincial Party committee and government play in history to take the lead in the Zhejiang sea for 2014--2017 "One crack down Three renovation" special enforcement activity. Zhoushan fishing ground is the largest in China, it is a typical representative of the Zhejiang fishing ground. Zhoushan fishing ground was on a par with the Russian Island fishery, Newfoundland fishery in Canada, Peru fishing ground and other world-class fishing ground. Traditional "Four kinds of fishes" (large yellow croaker, small yellow croaker, hairtail and cuttlefish) is well-known throughout the country. Once each winter to provide more than 70% of the catches for the country, there has always been the reputation of "East China Sea fish warehouse, Chinese fishing capital". [1] But with the deterioration of the marine ecological environment and excessive crazy fishing since 70s of last century, marine fish resources lost their ability to renew, and the fishery resources in the fishing ground were rapidly depleted. In April 17, 2013, Shi Chunbo published one article "East China Sea without fish" in the "Qianjiang Evening News". It led to the NPC deputies and CPPCC members in Zhejiang Province who have been taking this as the theme to write motion and proposal. The Zhoushan municipal government cooperating with Zhejiang provincial government "One crack down Three renovation" special enforcement action, developed a plan for the revitalization of the Zhoushan fishing ground, to crack down involving "three noes" fishing ship and other illegal production and management behavior in violation of the ban according to the law. Zhoushan municipal Party committee and government attach great importance to "One crack down Three renovation" special

enforcement action, to complete the provincial government to deploy three years strike hard task for more than one year. As of May 31, 2015, ban involving “three noes” fishing ship 2072 (more than 1761 ships of the number of investigation, including 311 foreign fishing vessels), completed 117.66% of the total task; “Ship does not conform to certificate” 2338. Through the investigation, we believe that the difficulties and problems are mainly as follows: **1. The definition of “Three noes” fishing vessel is contradictory between province and city; 2. Other places fishing vessels cross-border fishing secretly during closed fishing season make law abiding fishermen have “suffer losses” mentality; 3. The use of illegal fishing nets is wide spread, it is very difficult to remediate; 4. The specification hierarchy of fishery law enforcement basis is very low and it is difficult to; 5. It has not solved the livelihood of fishermen and to buy new boat cause “Three noes” fishing vessel serious rebound; The crime threshold of laws and regulations is very high and law enforcement is difficult with weak deterrent.** [2] At present, the East China Sea fishery resources are in an emergency. Taking high pressure crackdown, iron fisted propulsion “One crack down Three renovation” special enforcement action, it is not only very necessary, but also very timely. The achievement is particularly significant. But to achieve the revitalization of the East China Sea fishery, involves a number of provinces and cities. And fishing ground revitalization, restoration and protection of marine ecological environment as a long-term basic task, one or two crackdown even has the big effect, also far from enough. Must innovate the use of policy tools, actively plan “combination blow”, comprehensive facilities strategy, comprehensive management, to build a new normal under the rule of law, transformation rich fishing, long term mechanism for the restoration of the East China Sea fishing ground.

To Construct the Mechanism of the Plastic Brain which is Transformed by Public Opinion Propaganda and Ideals

Thought is the forerunner of action, and the brain is the command of command action. Repair and revitalization of the East China Sea fishing grounds, must strengthen the plastic brain project, through newspapers, radio, television, community advocacy window (column), mobile phone WeChat and other forms of publicity ,Let the whole society especially the masses understand the "three noes" fishing vessels, fishing nets and other disasters to disable the destruction of Fisheries Resources ,The solution of "adverse effects and consequences of the East China Sea without fish, consciously abide by the law, to resist the immediate interests of the exploit, repair fishing revitalization vision into action.Establish a new concept of Fisheries Development ,From a simple fishing for steering the restoration of fisheries resources and protection, through the "Farming Fish" and "Sea Shepherd circle", the construction of modern marine ranching and artificial life games and other forms of increasing the amount of resources; From the "nest side grass" transform ocean fishing ,new development and breakthrough of ocean fishery;By taking the sea is inexhaustible transform hugh fish and fish forbidden ,the strict implementation of the new gear restrictions, extend the fishing period;By the primary processing of aquatic products to value-added deep processing, increase the technological content and added value of aquatic products. [3]

To Build Long-term Management Mechanism of Pressure Regulation, the Iron Fisted Enforcement

Restoration of the revitalization of the East China Sea fishery not in a day, the one or two special action is not enough, we must adhere to the pressure regulation in a long time . First of all, to destroy the ocean of illegal fishing luck,Strengthen land, area, Department and special group linkage ,To strengthen law enforcement efforts, earnestly do the sea, port blocking, market investigation "three pronged",and to make illegal fishing at nowhere ,Secondly, to crack down on foreign cross-border fishing poaching,To strengthen foreign fishing vessels poach sea patrol and law enforcement inspection, crossing the line strictly a heavier crackdown on illegal shipbuilding, fishing, sales, supply, etc., cut off illegal fishing ocean "black industry chain".To strictly control the standard use of fishing nets.[4] Fishing nets to increase law enforcement and inspection efforts, strict implementation of the Ministry of agriculture [2014]1 and No. 2 of the notice provisions of fishing gear standards, fundamentally eradicate destructive fishing nets.

To Build a Province (City) Inter Provincial Law Enforcement Linkage Mechanism

The provinces are to set up a leading group of law enforcement investigators involved in fishing, coastal city and the establishment of a joint meeting system related institutions to take leadership in handling fishery, province (city) area network format inspection based on investigating major focus, law enforcement standard unified management, the implementation of case handling and management of regional responsibility, for cross-border fishing, involving other provinces the fishery law enforcement, law enforcement investigators by the leading group "is according to the principle of proximity, by case processing, establish various provinces and cities involved in fishing law enforcement leadership team personnel contact system handling, establishment of corresponding contact system, improve the law enforcement mechanism provinces linkage. Each province should complement each other, to make up for the defects of law enforcement loopholes, improve law enforcement linkage mechanism, to improve the level of law enforcement, severely punish illegal acts involving fishery, resolutely eliminate local protectionism phenomenon justifying. In the joint law enforcement process, if difficult to solve the problem, should be timely to the coastal city to report the joint meeting of the joint meeting of the leadership of the leadership, after receiving the report, should immediately convene provincial leading group meeting, according to the specific circumstances of a case involving fishery, timely solve the problems accurately.

To Build a Law Enforcement Mechanism between Territorial Sea Patrol and Land Sea Interaction

In charge of "three noes ship", no Fishing gear ,to prohibit (off) fishing period of illegal fishing and marine pollution, etc. It must innovate management mechanism, the full implementation of territorial inspection regulation, to weav government led, social support, fishermen participation in the regulatory network. The first is to build a Untouchable of inspection teams in Fishing area. To exert there is No strangers in Fisheries township (town) and community (village) ,To understanding advantage of the situation, from it selecting inspector of Fishing area ,To take fenpianbaogan

responsibility to the people, etc. The provisions of the community (Village) inspectors to the contract area inspections again a week, and township (town) inspectors patrol every half a month at least. Completes the information collection, the record and the summary, establishes governance files of the fishing ground. Secondly, establish the enforcement mechanism of land and sea interaction. Restoration and revitalization of the comprehensive management of fishing grounds. Marine Fisheries departments should play the leading role, Be responsible for the main responsibility, but the relevant departments must cooperate. Such as the marine fisheries sector should take the lead to fight against the illegal sale of disabled fishing nets, market supervision, industry and commerce, public security should cooperate closely. Led by the letter of the department to combat illegal construction involving fishing vessels (change), they worked in close cooperation with marine fishery, market supervision, public security (border) and maritime safety. Market supervision department led the fight against the illegal catches illegal purchase and sale, processing and supplying water, ice, ocean fishing, by letter, safety supervision, public security and other departments (border) must do at all costs, etc.[5]

To Build a Law to Amend and Improve the Supporting Mechanism

The tragedy of the commons is the main cause of the tragedy of public resources property right is not clear, "Everyone has, no one is responsible." To avoid a repeat of the marine fishery resources "tragedy of the commons", we must eliminate excessive consumption of free lunch, and "punish someone as a warning to others" of phenomenon. Highlight the role of government responsibility, and promote the improvement of laws and regulations and rules. First, define the boundary of property rights of marine fishery resources, Construction of private law order, exert the effectiveness of "folk law", establish "customary rights system" in the fishing group, set the "exemption mechanism." Secondly, the civil order will be designated as a formal system at the right time. "Civil law" and private law order to obtain the living space must be timely translated into formal system, through legislative activities or written contract to make it legal. To promote the country again, the core of the concept of Fisheries property rights to re - revision of the Fisheries Law. The fishery law of 1986 has not adapted to the present situation, and the ownership structure of marine fishery resources must be reconstructed, to clear the ownership of fishery resources and the exercise of the main body of the fishery resources, allocation, lease, contract and replacement in the premise of ensuring the maintenance and increment of the fishery resources, properly handle the balance between the setting of the property right of the fishery and the distribution of the fishing quota, the "folk order" is brought into the category of national standard and law. And again from the legal aspects of fishermen can use fishing nets for mandatory. Consider the "electrical pulse", absolute net and other destructive fishing gear manufacturers into sin.[6]

To Build of Traditional Fishermen and Livelihood Security Mechanism

Fishing ground repair and a dozen three remediation actions, there is more than 6000 traditional fishermen abandoned in Zhoushan. Therefore, we must develop production subsidies, industry support, social security and other policies, the implementation of finance, credit, insurance, training and other related preferential. First of all, we promote the fishermen to change the line of production and transferred to civilian

work ,To guide the fishermen to engage in related industries ,for example ,the ocean ocean fisheries, aquaculture, processing, distribution, conservation and tourism experience offshore reefs and industry, public service jobs to fishermen tilt . Followed by the comprehensive development of offshore fisheries . to promote the construction of fishing harbor economic zone, development of ocean fishery development space,do a good job in Kiribati, Angola and other international fisheries cooperation projects, increase the old ocean fishing vessels to update the transformation efforts to encourage and guide the domestic catch to the ocean fishery production.To promote the development of tourism and leisure tourism .With the National Marine Reserve, Ocean Park and other construction as the carrier, fully tap the resources of Zhoushan's unique island, ecological, fishing culture,closely combined with the "Food, Hospitality ,Travel , Visit ,Shopping, Entertainment" and other tourism elements,the development of self driving experience, fishing experience, leisure fishing, life experience, ecological tourism, comprehensive and other forms of fishing music and leisure tourism, for farming, leisure, fishing protection, cleaning, and other functions for the port ship according to the actual situation of "three in one" fishing boat, In order to guide the fishermen; build the island marine leisure tourism destination, promote the upgrading of the quality and efficiency of economic island tourism; Accelerate the construction of theme Island characteristics, development of mass fishing, hiking, biking, island, marriage and other leisure products, rich marine tourism experience; build the island accommodation, resort hotels and boutique theme hotel, the construction characteristics of fishing town (street, Village), fishermen to broaden employment channels, and more initiatives to solve the problem of abandoned fishing fishermen' livelihood.[7]

Learning Experience of Ocean Management and Build Ecological Restoration Mechanism

For restoration and revitalization of the East China Sea fishing grounds, we must learn from the United States, Australia, Japan, Canada and other countries advanced experience, and take protection of marine resources as the first consideration of marine fisheries. The first thing is to achieve fundamental change of marine fisheries management. From the security management by technical measures to the legal management that based on rights change, From the main leading of government ("command and control") to the common management change, From the "extensive" target management to "fine" process management change, From "single species" management mode to "based on the ecological system of fisheries management" mode change. Introducing the precautionary principle and the adaptive adjustment policy to prevent irreversible damage to the ecological system, according to the change of fish distribution limit the fishermen fishing's species and quality. And then, implement indirect investment restrictions' license system. Strict implement the fisheries management plan, according to the approval of the operating area, time, fish, fishing gear, fishing and other operations, establish a business before the approval, management, inspection, management audit system, and make a heavy penalties for illegal operators; Reform of diesel oil subsidies system and subsidies way, into according to power, tonnage subsidies for the distribution of fishing. Next, implement the total catch and quota limit fishing system. Based on the investigation and assessment of Fisheries resources, to determine the total allowable catch quality and species, full implement the system of total catchable catches, for the area, the city and the fishery organization shall be distributed according to the total amount of available

catches, adopt quota fishing system, strict control the fishery output, while, full implement the system of resource value added, improve the proportion of local government allocation, to mobilize the enthusiasm of its management. Finally, taking advantage of pollution control to strengthen ecological restoration. Effectively strengthen the investigation and clean-up work of the pollutants into the sea, make the sewage outfall into the sea as the focus for the detection of monthly inspections, give heavy penalties for illegal emissions, dumping of pollutants, and pursue responsibility; Continue to promote the proliferation and release of marine rangeland construction, delivery artificial reefs and other work, Promote the national aquatic germplasm resources protection area, resource proliferation and release area, the main economic fish spawn protection area construction.

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