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ABSTRACT

We describe The Integral System of Maintenance and construction purse seines (SISMAR) developed by the Technician Area of the company Retex S.A. (nowadays Badinotti S.A.), to implement the outsourcing as a strategy of management in the processes of maintenance of the networks of fence of the fishing companies. This system is structured in eight phases of complete cycle, presented in eight chapters, in which we detail the management of the proactive maintenance (MPA), from the planning, programming and the execution of the service of outsourcing.

The stages of the constant cycle developed in this work are: the logistics of purse seines as initial phase (input), the processes of evaluation and diagnosis in land, the project and viability technical - economic of the maintenance offer, the processes of repair and storage, the logistics of networks as output phase, the follow-up evaluativo of the network in operation and the attention of disasters o emergencies in operation. These structures takes as objective increase the efficiency of the fishing and decrease the costs of maintenance, applying outsourcing as an alternative of solution in order that the organizations centre his efforts on his core business.

To implement the system, this one centres on three important phases. The phase to evaluate the condition of networks and the interrelationship of factors that modify the operative condition in the time, as well as the control and analysis of the resistance to the traction of the cloths based on the reliability of the system under technical indicators and productive measurement. The project phase, where there develops the analysis and technical and economic viability of the maintenance system, as well as, the managing and control of the costs and the audit with the application of indicators of management and maintenance. The phase of works, construction and maintenance of the networks of fence, where there are analyzed technically all the processes and activities involved in the development of the maintenance works that are a matter of cost, that is to say, all the activities and processes of every function as drivers of cost.

The development of the maintenance system of the networks for the adoption since outsourcing in the fishing extractive companies it is orientated to providing companies materials of networks of fishing specialists in the manufacture and after sales service of his products, using a set of sciences as administration, engineering and finance, that is to say, conceived from an approach terotechnology.