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Model of Raw Material Inventory Control for Pinisi Shipbuilding in Bulukumba Regency, Indonesia

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Abstract

The pinisi ship is an extraordinary creation of the son of Bugis-Makassar, South Sulawesi Province. The construction of this pinisi ship as local wisdom was designed and calculated for each component of the raw material carefully and thoroughly. High quality wood raw materials are the main elements in the process of making a pinisi boat to produce a quality pinisi boat. The purpose of this study was to determine the inventory control model for pinisi shipbuilding raw materials in Bontobahari District, Bulukumba Regency. This research was conducted in Bontobahari District, Bulukumba Regency, South Sulawesi Province, Indonesia. Determining the research location was carried out with the consideration that the area is the center of the pinisi shipbuilding industry. Data was collected by conducting in-depth interviews with pinisi boat entrepreneurs and panrita lopi (experts in making pinisi boats), and community leaders. The data obtained were then tabulated and analyzed using descriptive methods. The results of the study show that the entrepreneurs of the pinisi ship make quite a large supply of raw materials in bantilang (warehouses where wood raw materials are stored). The number of raw materials purchased is based on considerations, including (1) the need for a pinisi ship, according to the size of the ship ordered, (2) the price of wood raw materials on the market, and (3) the availability of wood raw materials on the market.

Keywords: Inventory Control Pinisi Ship Raw Materials