

TRANSPORTS THEN AND NOW: A NEW PARADIGM IN MARINE ANIMALS COLLECTIONS

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The opening of the Oceanário de Lisboa, where Flying Sharks' founding staff originated from, involved the collection and transport of animals from literally every corner of the planet to Lisbon, which was a monumental exercise in the development of long-term transport techniques. These techniques were then refined over two decades, allowing for the collection and transport of species once considered 'impossible', such as *Scomber* sp., *Sarda sarda*, *Mola mola*, *Naucrates ductor*, and an assortment of jellyfish, among multiple others. Such advancements include the replacement of 12 V systems for 220 V, while ammonia and pH are no longer a concern, thanks to recent developments in quenching and buffering agents. Additionally, a new paradigm in marine animal transport is presented, whereas buffering agents are used preventively and not correctively, while L.S.S. is designed for long-term maintenance and not just transport conditions. This turned our 'transport unit' into a 'mobile holding station'.