

## University of Hawaii at Manoa

Kewale Busin Marine Mammal Laboratory (177A absociat Blods Honolulu, Newscould assorted on the San October Provincial Property (1777)

april: 23. 1793

Dr. Picardo Patida Sunda Marino S.A.

FAX: 54 252 21501

. 45

Thank you for informing me of the killer whale stranding in Samborombon isy beach in Movember of 1992, and your efforts to rehabilitate the animal at your facility. I am happy to hear that the animal is now doing well.

It would be very difficult to reintroduce this whate successfully back into the wild, it is said be done at all. Any related action program would require a long-term and expensive effort, followed by a long period of monitoring the whale thereafter through radio-transmitters if you wish to know the status of the animal. In no way can it be recommended to simply place the animal back into the waters near where it atranded. Even with the best of efforts, the outcome could be the death of the animal.

The most extensive studies of killer whales have been made in Puget Sound in Washington State and near Vancouver, Canada. These studies reveal that there are two types of pods-residents and transients. The residents can be found within the same general area from mouth to mention and year to year. In contrast, the transfents are only seen occasionally and their whereabouts of browns are generally not known. The whale that stranded in Samborombon Bay and that is now in your facility may well be from a transient pod. If so, the shereabouts of its other pod members would be unknown, and its reintroduction would be even more perilous. Without the support of other pod members, the lone orca would have immense difficulty in locating and capturing prey, and may likely starve or become so weakened that it would succomb to illness.

From my com experience with bottlenosed dolphius, it is clear that without at extensive retraining and readaptation period, death is very likely, and may be preceded by a period of high stress. Hence, my opinion is that the best decision for the orca in question is to continue to maintain it at your facility, making every effort to provide it with the best possible environment, paying attention to its social needs and providing intellectual stimulation as well as good physical care.

I will remain very interested in knowing how things do develop with this auton).

My best regards to you and to the rest of the staff at Mundo Marino. I still remember the warm hospitality we received during our visit.