

Report of Task Agreement #J8100080247

Park: Grand Canyon National Park
Project: Conserve Historic River Boats
Investigator: Rich Lange
Project Number: UAZCP – 147
Cooperator: Ms. Margaret Kipling, Ms. Audrey Harrison

Final Project Report

The cooperators performed full conservation treatments on three historic river running boats and performed a partial treatment on one other, all of which are part of the collection of Grand Canyon National Park. The cooperators completed daily documentation of the treatment performed on each boat, as well as frequent during treatment photodocumentation.

Two boats at the Green River Museum, in Green River, UT (the Mexican Hat and the Defiance) were dry-cleaned. Cracks on the Defiance and delaminating plywood on the Mexican Hat were stabilized, and fraying ropes on the Mexican Hat were stabilized. Exposed metal hardware was waxed.

A small kayak was dry cleaned, and wet cleaning of the surface was started (the treatment was completed by one of the NPS conservators).

The treatment of the Esmeralda II was completed after dry cleaning of the boat, cleaning of the engine, removal of adhered dirt using a mild chelating solution and mechanical removal of degraded linseed oil after softening with warm water compresses. A reproduction splash guard was constructed.