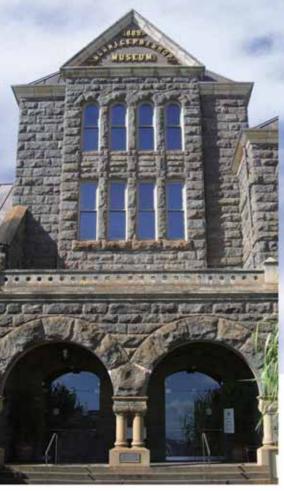


## **Bishop Museum's Voyage Continues**

Many planetarians remember Bishop Museum, in Honolulu, Hawaii, as the creator of the NASA-sponsored "Explorers of Polynesia" planetarium show. It told the story of modern Hawaiians recreating migratory voyages around the Pacific in double-hulled sailing canoes. That show revealed some of the non-instrument navigational techniques which were developed using observations inside this planetarium 35 years ago.

Of course Bishop also features programs on modern astronomy and the discoveries atop Mauna Kea, but planetarium director Mike Shanahan continues to tell the story of Hawaiian voyaging to tens of thousands of visitors and residents annually. And the planetarium continues to train new Polynesian navigators to sail with a deep understanding of the sky and signs from Nature, but without compass or sextant; without maps or GPS.



Bishop Museum recently renovated the planetarium with a new dome, seats, audio, lighting, and GOTO CHRONOS II HYBRID projection and control system. The CHRONOS II star projector uses long-life LEDs to illuminate 8,500 perfect stars and a gorgeous Milky Way to put audiences "on the canoe" at sea, on a perfect night. And unlike older analog projectors, the digitally-controlled CHRONOS II is able to "jump" to any location on earth, at any time in the past, present, or future, in a matter of seconds rather than minutes or hours.

A synchronized fulldome video system adds enhancements to the CHRONOS II sky which can include coordinate lines, constellation figures, or even partial clouds (!) to aide in the realistic simulations used to teach navigation. The intuitive and ergonomically-designed GOTO HYBRID control console recently allowed Hawaii's master navigator to simply walk up and begin using it to teach his current class of Polynesian navigators!

GOTO INC is very proud to have used input from former Bishop Museum planetarium director Ken Miller and hundreds of other planetarium professionals in the design of the CHRONOS II HYBRID system. Ken joined GOTO INC 13 years ago, where he helps custom fit GOTO systems to users around the world.

## To learn more, contact:

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