



PEC-23844

## Expedition Cruise Vessels

Jensen provided detailed design and production engineering services for two, 100 passenger, U.S. flagged, coastal cruise ships for Lindblad Expeditions Holdings, Inc. These twin screw diesel ships named National Geographic Quest and National Geographic Venture were delivered July 2017 and October 2018. The duo operates tours between Baja, Costa Rica and Panama during the winter months and southeast Alaska, Oregon, Washington and Canada during the summer months.

For this project, Jensen utilized its innovative 3D modeling capabilities which allowed Lindblad the unique opportunity to confirm the vessel's layout, maintenance envelopes and operational access prior to construction. The group combined all the details of the structural, electrical, mechanical and HVAC systems of the vessel into one comprehensive, full-size 3D, computer model resulting in a virtual vessel that can be inspected early in the design process for safety, maintainability and constructability.

