



# Bath Iron Works Maintenance Dredging

## BATH, MAINE

In 2013, Cashman was contracted to conduct maintenance dredging at the Bath Iron Works (BIW) dry-dock sinking basin. BIW is a major U.S. shipyard located on the Kennebec River and since its founding in 1884, has built private, commercial and military vessels, most of which have been ordered by the U.S. Navy. The shipyard has built and designed battleships, frigates, cruisers and destroyers, including the *Arleigh Burke* class, which are currently among the world's most advanced surface warships. Since 1995, BIW has been a subsidiary of General Dynamics.

### PROJECT HIGHLIGHTS

- Cashman was contracted to dredge and dispose of ~48,000 cubic yards of dredge spoils.
- The sinking basin was dredged to -70 feet (+1ft of overdredge) to enable BIW to launch new ships.
- Material was placed at the in-river disposal site at Bluff Head, ~2.5 nautical miles downstream on the Kennebec.
- The Kennebec has swift currents and tide variations of up to 10 feet. Due to project depths/river conditions, Cashman operated its dredge, the *FJ Belesimo*, on wires & anchors.
- The project was completed ahead of schedule during challenging weather conditions.

Location:	Bath, ME
Contractor:	Cashman Dredging and Marine Contracting
Contract Dates:	Feb. 2013 – Mar. 2013
Dollar Value:	\$2.3 Million
Awarding Authority / Owner:	General Dynamics – Bath Iron Works
Project Engineers/Managers:	General Dynamics – Bath Iron Works

