

Pneumatic actuator bar-agturn[®] automates Butterfly valves

Special ship application at a harbour in USA

Case Study





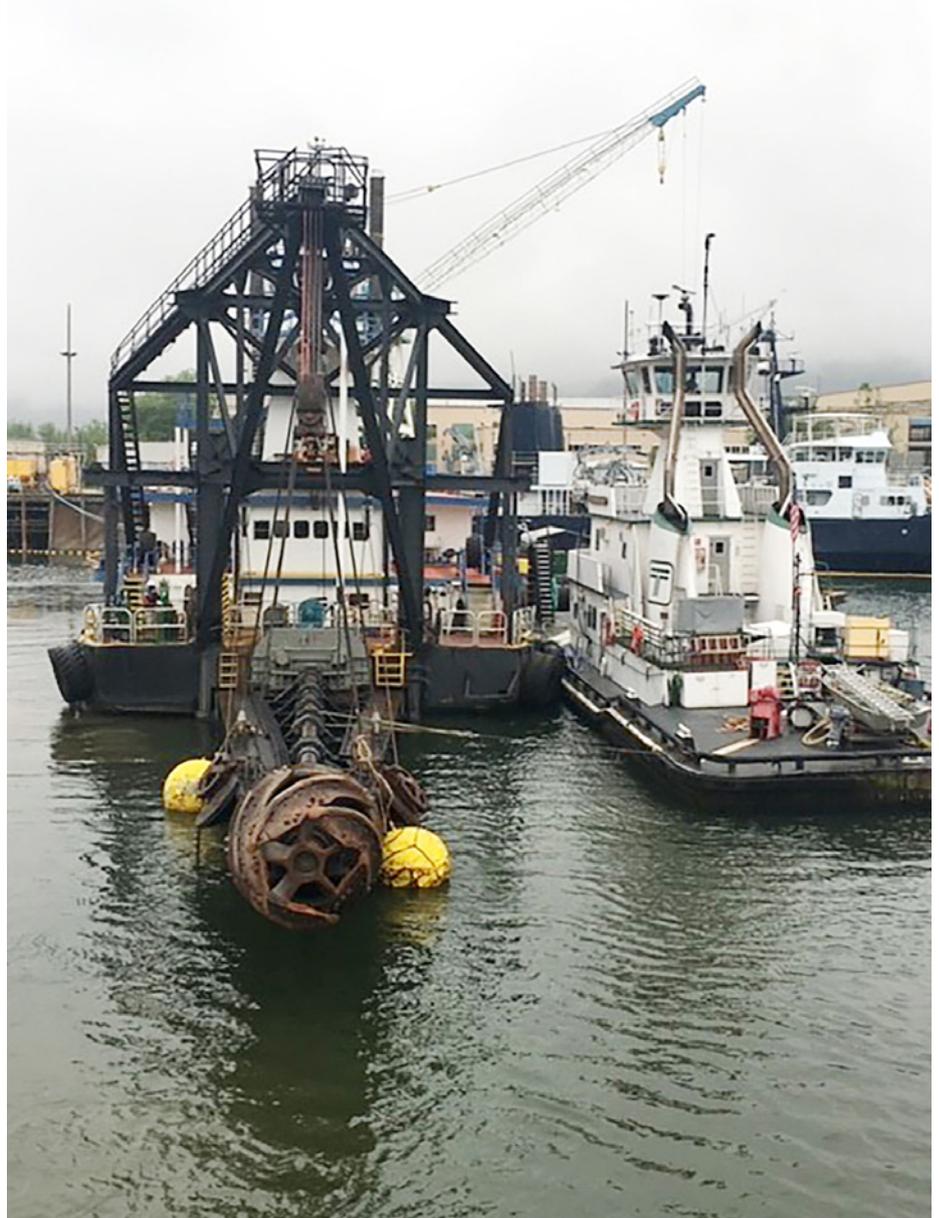
SCOPE

Automated valves are acting reliable even very deep under water and in different positions when moving the dredging boom.

- **WHO**
CR-TEC Engineering Inc.
Chris LaSalle
- **WHAT**
2 single acting pneumatic actuators bar-agturn® type GS-270
- **WHERE**
Major port at Ohio River, USA
- **WHEN**
End of 2020

There are two single acting pneumatic actuators bar-agturn® type GS-270 on DN500 butterfly valves on a dredging ship at a major shipping port.

They are mounted on the dredging boom and when in operation they are more than 9 m under water. They are used for a bypass to the cutting head in case the cutting head clogs.



Voice of customer:

There is a special and difficult situation in steady movement so the automated valves are in different positions at any time. As well we are facing more than 9 m under water what makes this application remarkable. The system works without failure and most reliable. Even to the matter that this is a bypass for the dredging boom we are glad to provide a compatible solution for a uncommon application.



Safe working pneumatic actuators are managing every situation whenever the dredging boom is above or below water.

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