

Date: 08 Jan 2020

To: Shipyard Owner/Manager  
From: Bardex Corporation

**Ref: Advantages of Bardex Designed Shiplift & Transfer Systems**

## BARDEX OFFERS:

**Uniquely designed safe & reliable chain based systems solutions, which can increase your yard capacity & revenue potential significantly over other types of ship dry docking systems.**

**Bardex Offerings Include:**

- Design Consulting Engineering - from Conceptual to Installation and Facility Lifecycle
- New Build "Green Field" Shiplift & Transfer Systems
- Retrofit "Brown Field" Upgrades - easy conversion with reduced maintenance costs

## WHY IS THIS IMPORTANT TO YOU?

**Bardex In-House Design Consulting Engineering & Project Administration Expertise:**

- Optimization of your shipyard shiplift & transfer system design for more efficient operations
- Assistance with conceptual design, yard lay-out, construction & installation
- Design and integration experience in Shiplift & Transfer Systems since 1967
- 65+ reference projects in Shipyard & Military installations
- Best-in-Class Lifecycle Services

**Bardex System Design Features Reduce Costs:**

- Initial CAPEX costs with savings due to smaller equipment footprint requirements
- OPEX cost savings over the life of the system...no 5 year wire rope replacement or destructive testing requirements
- Hydraulically operated chain jack based systems offer significant cost savings, safety & reliability advantages over other technologies

**Highest Level of Safety, Robustness & Reliability:**

- Robust, redundant, dual 76mm lifting chains vs competitors single 36mm wire rope
- No internal corrosion issues compared to wire rope
- No large drums or complex compound pulley systems
- Simple & reliable lift synchronization
- Fewer wearing parts

Watch our Chain jack Shiplift Video Animation at <https://www.youtube.com/watch?v=S0G-UdhHgHw>.

For more information, please visit our website at [www.bardex.com](http://www.bardex.com), contact us at [bardex@bardex.com](mailto:bardex@bardex.com), or directly to me at: [RWall@Bardex.com](mailto:RWall@Bardex.com).

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**Attachments:**

- Bardex Shiplift & Transfer Systems Ad Flyer

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**ISO 9001 Registered Quality Management System**

# CHAIN SHIPLIFT & TRANSFER SYSTEMS



## HIGHEST SAFETY RECORD

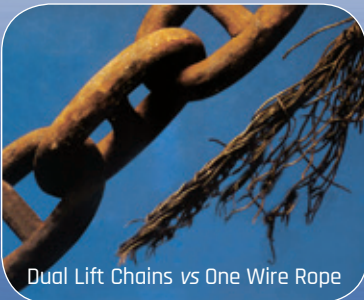
- Never dropped a ship
- Redundant (2 chains) at each lift point
- No hidden internal corrosion with chains
- Synchronization is simple & reliable

## LOWEST COST OF OWNERSHIP

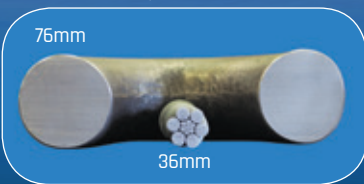
- Chain life 3 times greater than wire rope
- Save up to 20% on piers and piles, footprint 25% of wire rope hoist
- No wire rope annual destructive tests or 5 year rope replacement requirements
- Fewer wearing parts

## SUPERIOR EXPERIENCE & PERSONNEL

- 50+ year history providing ShipLift & Transfer systems
- Over 200 years combined engineering experience
- Technical assistance from yard layout to construction, and installation
- Full lifecycle support personnel



Dual Lift Chains vs One Wire Rope



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