



**Kiewit**

D.B. BOB WILSON

# ***THE FUTURE OF MARINE CONSTRUCTION***

Kiewit's first electrified marine vessel, the D.B. Bob Wilson, sets a new standard for performance, safety and sustainability on the water.

## **Marine construction, reimagined**

The D.B. Bob Wilson, a hybrid derrick barge powered by smart controls, Tier 4 Final generators and lithium-ion batteries, is built for versatility, efficiency and a lower carbon footprint. From pile driving to dredging to material handling, it delivers cleaner, quieter performance with fewer interruptions — ready for today's work and tomorrow's standards.

**HYBRID  
POWERED**



18

personnel can be  
on board during  
operation.

84%

reduction in  
generator idle time.

672

kilowatt-hours of  
battery storage.



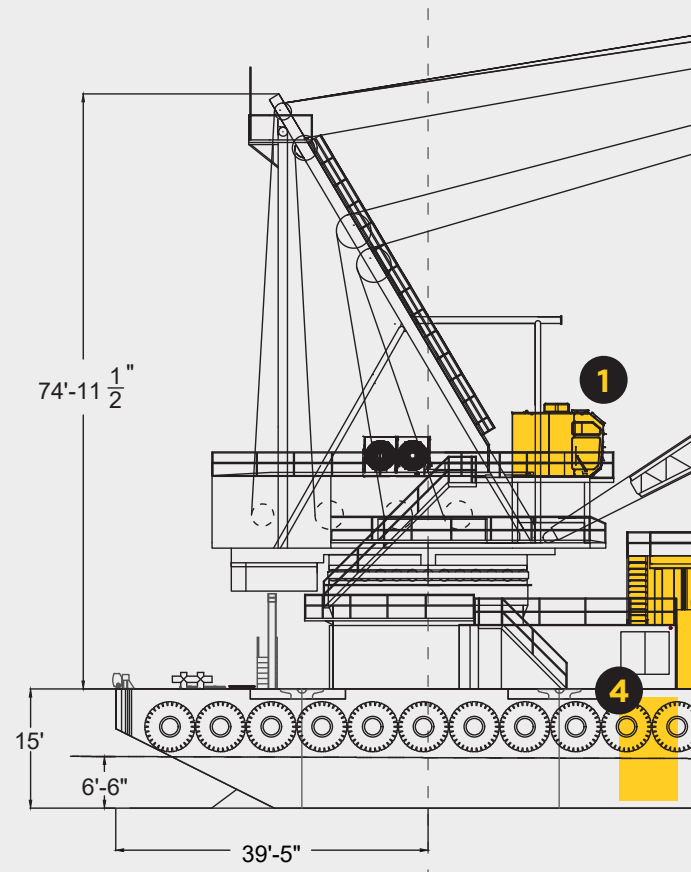
## HOW IT WORKS

### A NEW ERA FOR A TRUSTED WORKHORSE

The D.B. Bob Wilson was once a conventional derrick barge: dependable, powerful and built for heavy-duty marine work. Today, it's been completely modernized with a full electrification package that includes dual Tier 4 Final generators, a 672 kWh battery system and an intelligent control platform.

This upgrade delivers cleaner operation, reduced fuel use and better responsiveness on the water. It also raises the bar for what comes next — a sustainable, smart, hybrid fleet built to do more with less.

With the D.B. Bob Wilson, Kiewit didn't just retrofit a barge, it redefined what marine equipment can be. Every system was reimagined to prioritize safety, control and adaptability, giving our crews the tools to work smarter in dynamic environments. It's not just an upgrade — it's a platform for the future.





# HYBRID POWERED

A cleaner, more capable marine fleet starts here.

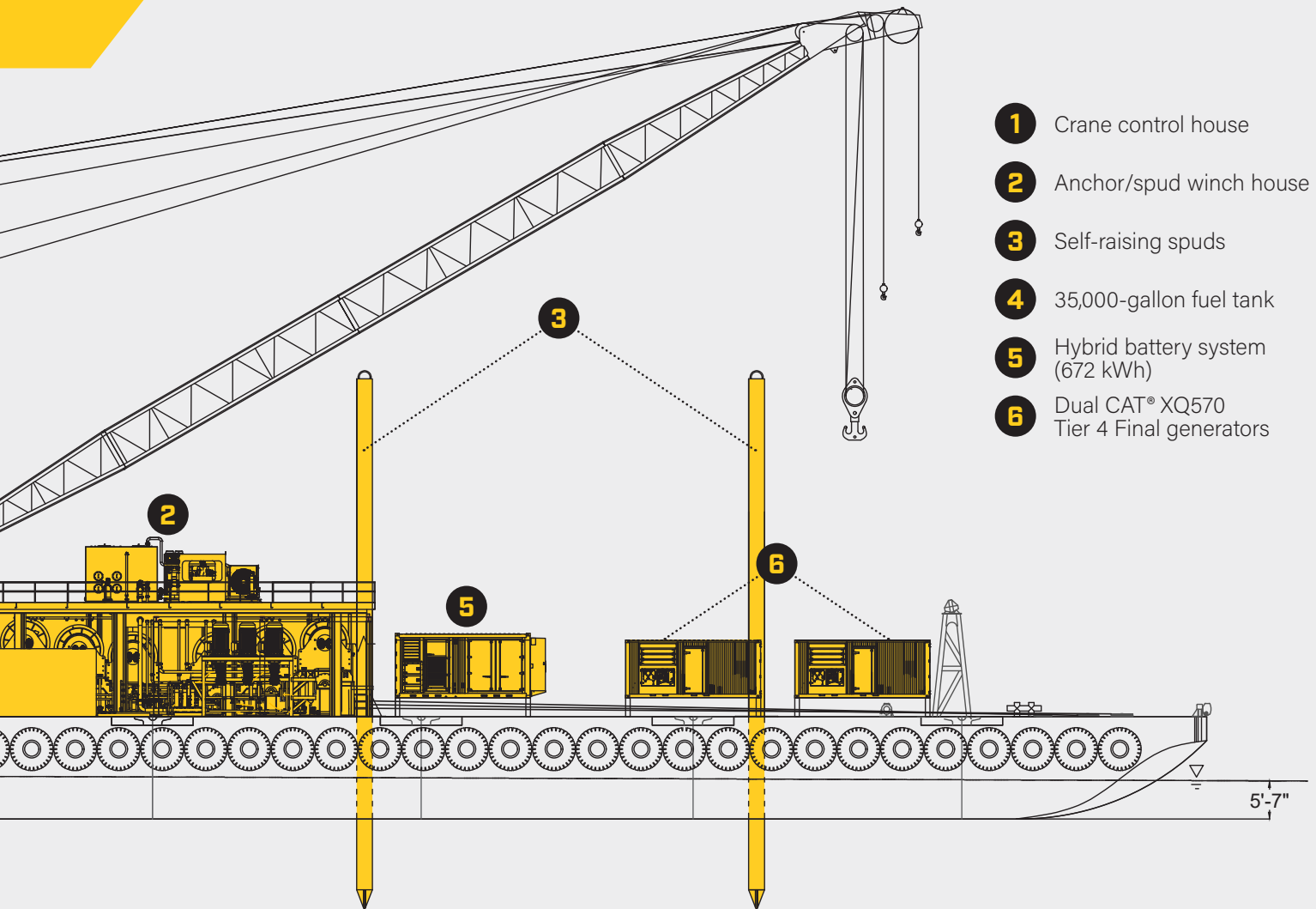
The D.B. Bob Wilson runs on a smart energy system that automatically shifts between battery, generator and shore power. During standby or low-demand periods, the barge runs silently and emission-free on battery power. When needed, Tier 4 Final generators kick in or the barge connects to shore power for 100% zero-emission operation.

# 2

CAT® XQ570  
Tier 4 Final  
generators.

# 4

heavy-duty, high-capacity  
heavy hoist lines for  
precise load control  
and multi-tasking.



# KIEWIT'S MARINE FLEET CAPABILITIES

Electrified today. Engineered for what's next.

Kiewit has been building and operating derrick barges, dredges and marine platforms for decades — but the D.B. Bob Wilson marks a turning point. As the first electrified vessel in our fleet, it's proof that smart, sustainable upgrades can enhance performance without compromise.

From pile removal and dredging to material transport and precision hook work, the D.B. Bob Wilson can do it all with lower emissions, reduced idle time and quieter operation.

Backed by Kiewit's in-house engineering, fabrication and marine operations teams, this modernization is only the beginning. Our marine fleet is evolving to meet the challenges of the future and help lead the industry there.



*Precision hydraulic winches deliver smooth, reliable control for every lift.*

## LOOKING FOR A PARTNER WHO **BUILDS SMARTER?**

Kiewit's marine market brings turnkey capabilities — design, construction and now electrification — to ports, waterways and nearshore infrastructure projects across North America.

[KIEWIT.COM/EQUIPMENT](http://KIEWIT.COM/EQUIPMENT)



**Kiewit**

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