

# A PROPOSAL FOR A PORT FACILITY ALONG THE GAZA STRIP SHORE

*8 March 2024, with subsequent updates*

The Gaza Strip coastline is straight and inhospitable, with no natural shelter



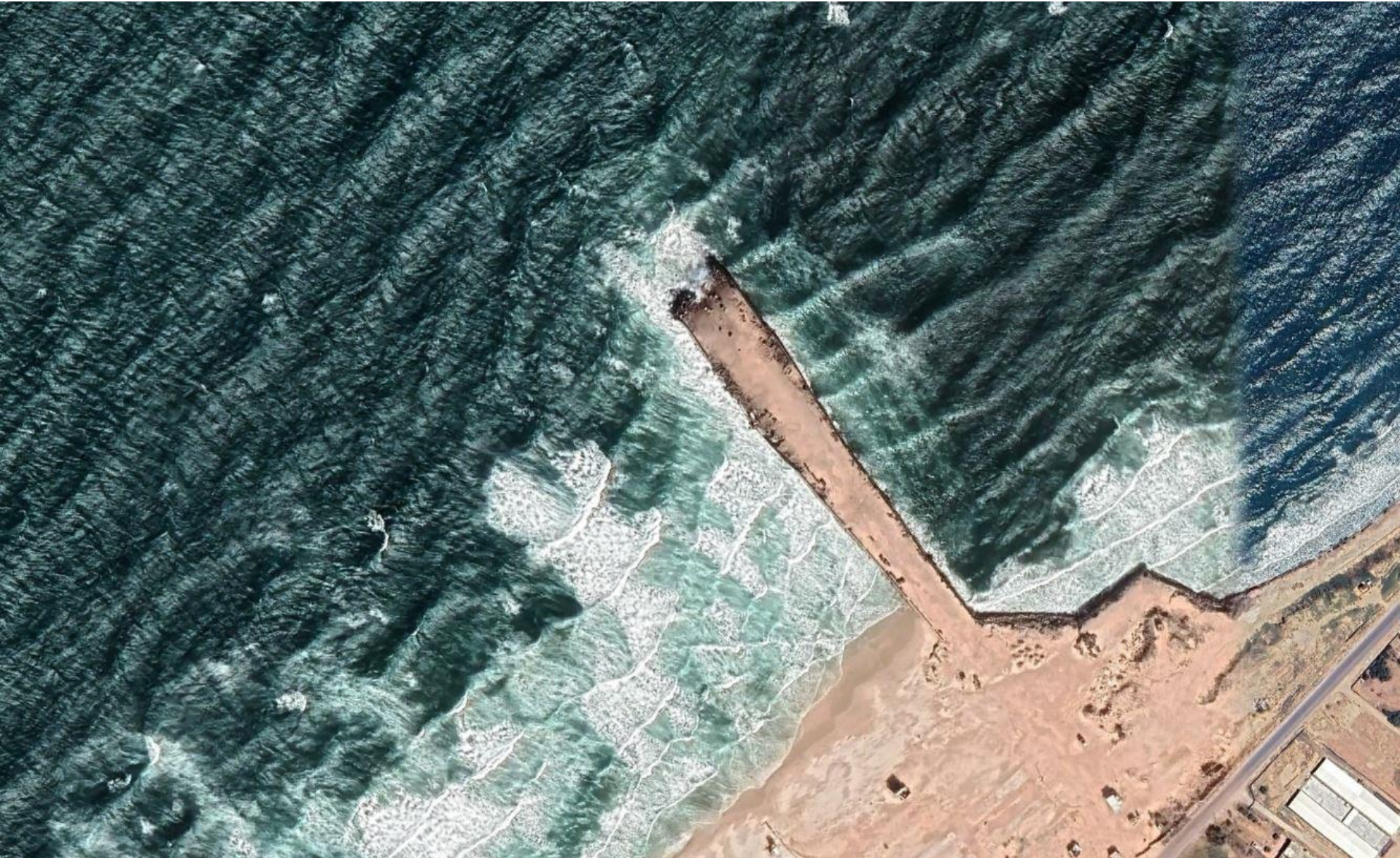


An attempt was made between 2016 and 2019 to build a new port  
at location  $31^{\circ} 23.9' \text{ N}$ ,  $34^{\circ} 18.2' \text{ E}$





The facility is reportedly called Khan's New Port. Its length is 300 m



Satellite picture taken in January 2023

*Rough sea state is apparent. Wind fetch is more than a thousand nautical miles of open water*



**Winter gales are frequent. Here the seashore near Gaza City on 16 January 2019**



***Strong gale, wind WSW 41 kts; maximum wave WNW 7.0 m (23 ft), very rough to high seas***

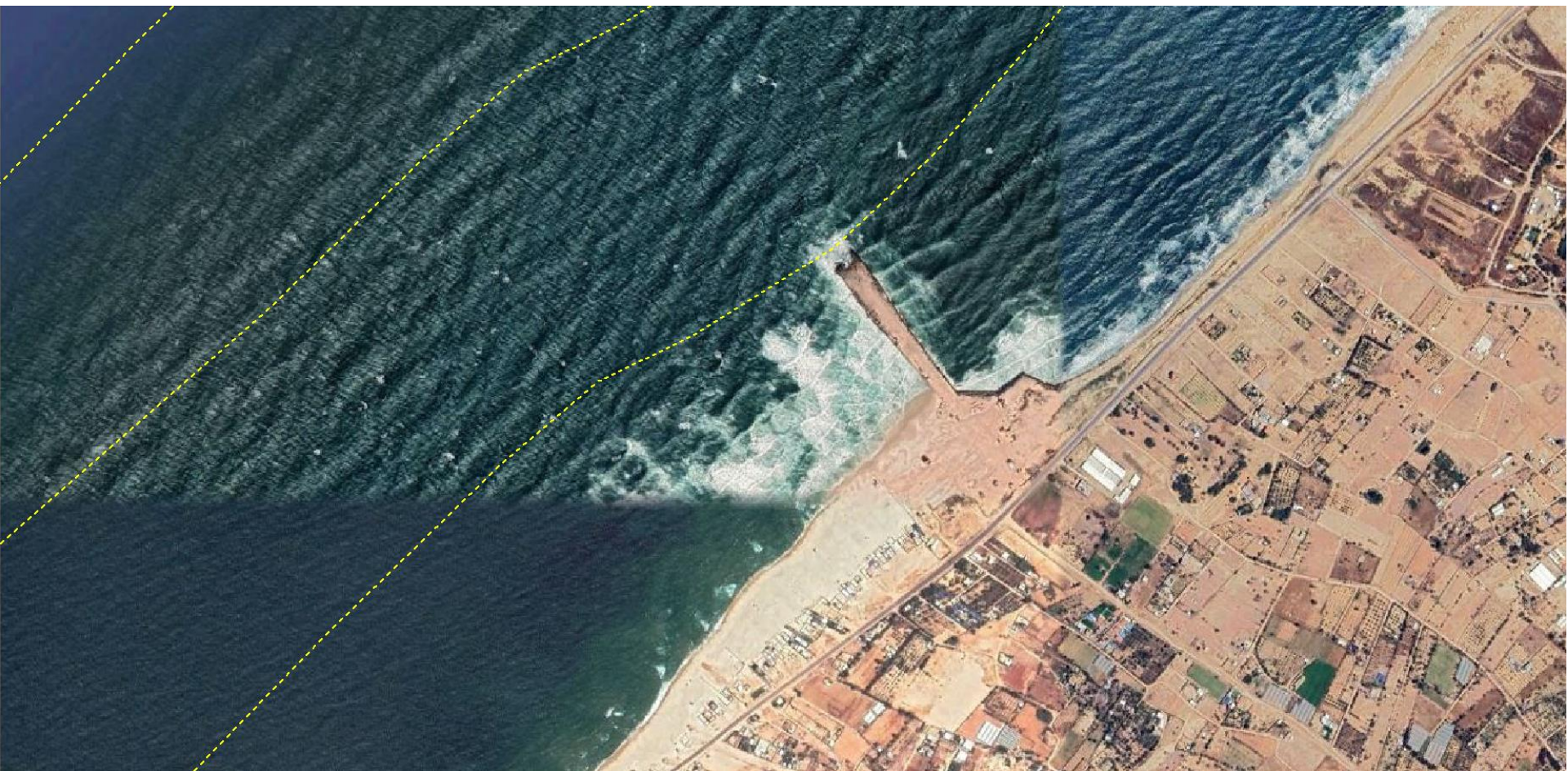
**A storm 40 nautical miles north of Gaza on 6 February 2023**



***Gale, wind W 38 kts; maximum wave WNW 6.9 m (23 ft), very rough to high seas***



## 10, 15, 20 meter depth contours





## Dynamic-Docks proposal (8 March 2024)

*Installed and removed at short notice*



*Note: aircraft carrier and runway on dock are shown for illustrative purposes only.*

**Proprietary underwater dynamic anchoring system not shown here**



**Dynamic-Docks proposal, plan view**  
*Installed and removed at short notice*



*Note: aircraft carrier and runway on dock are shown for illustrative purposes only.*

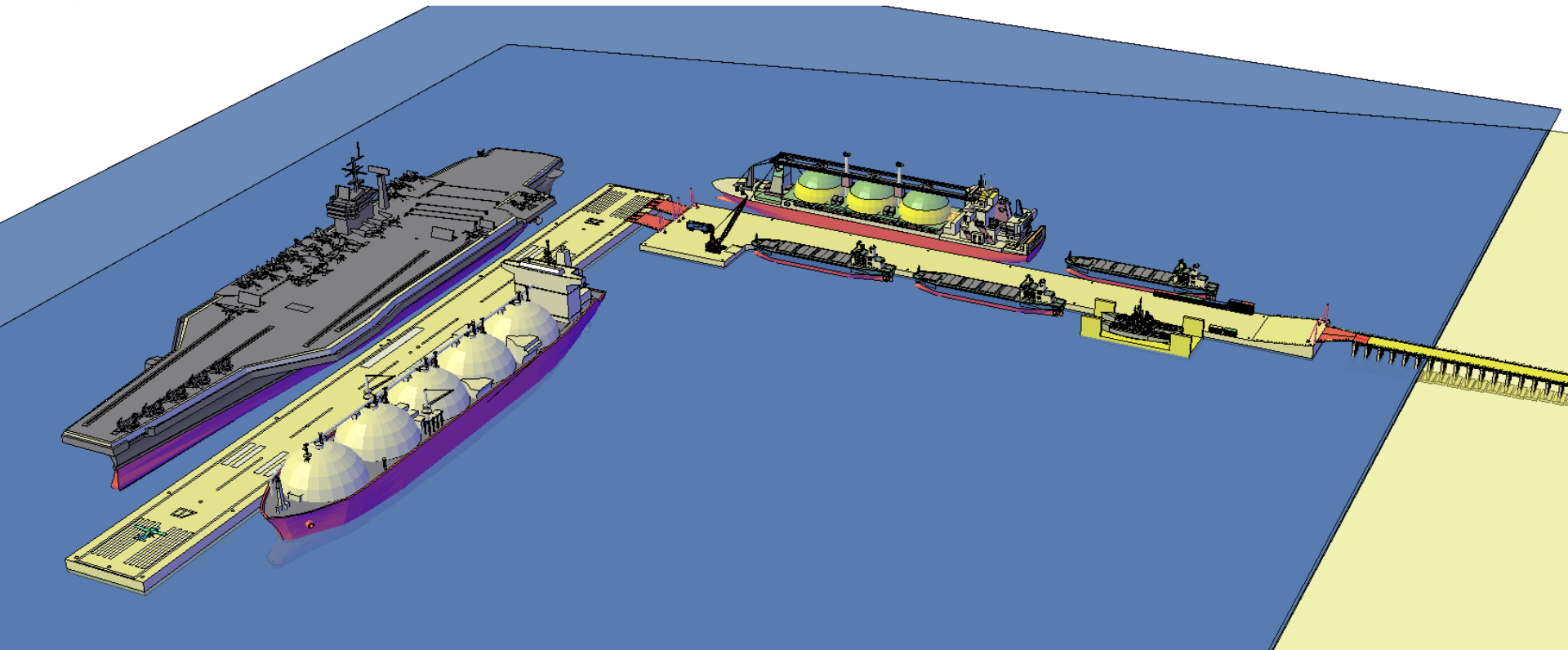
**Proprietary underwater dynamic anchoring system not shown here**



**Dynamic-Docks proposal, perspective**  
*Installed and removed at short notice*

**Overall dimensions: 575 x 425 m**

**Budget: \$110 million**



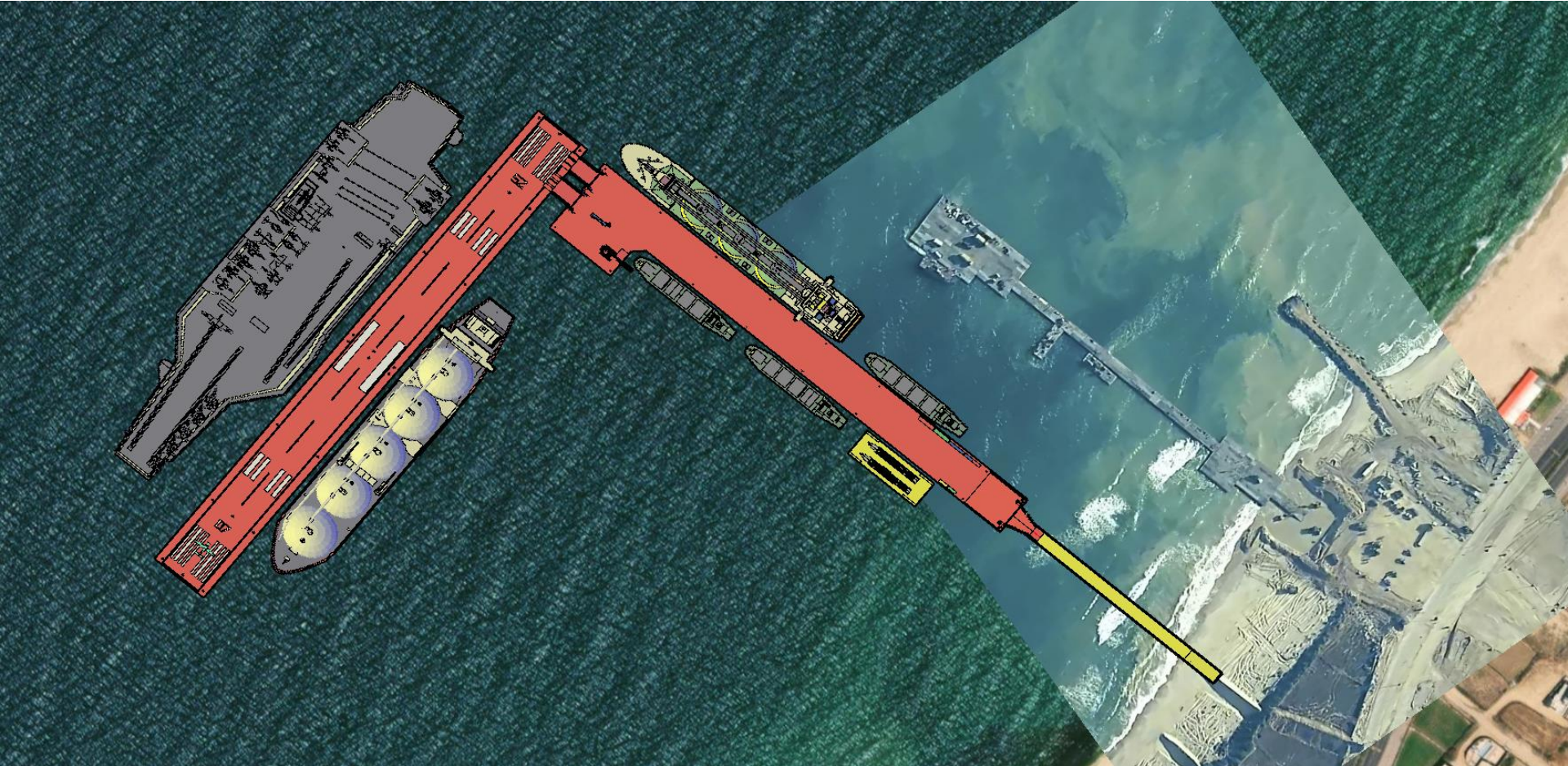
*Note: aircraft carrier and runway on dock are shown for illustrative purposes only.*

**Proprietary underwater dynamic anchoring system not shown here**



17 May 2024

**Dynamic-Docks and U.S. military floating pier near Gaza City (31° 29.8' N, 34° 24.4' E)**



*Note: aircraft carrier and runway on dock are shown for illustrative purposes only.*

**Dynamic-Docks: \$110 million**  
**U.S. military floating pier: \$320 million**



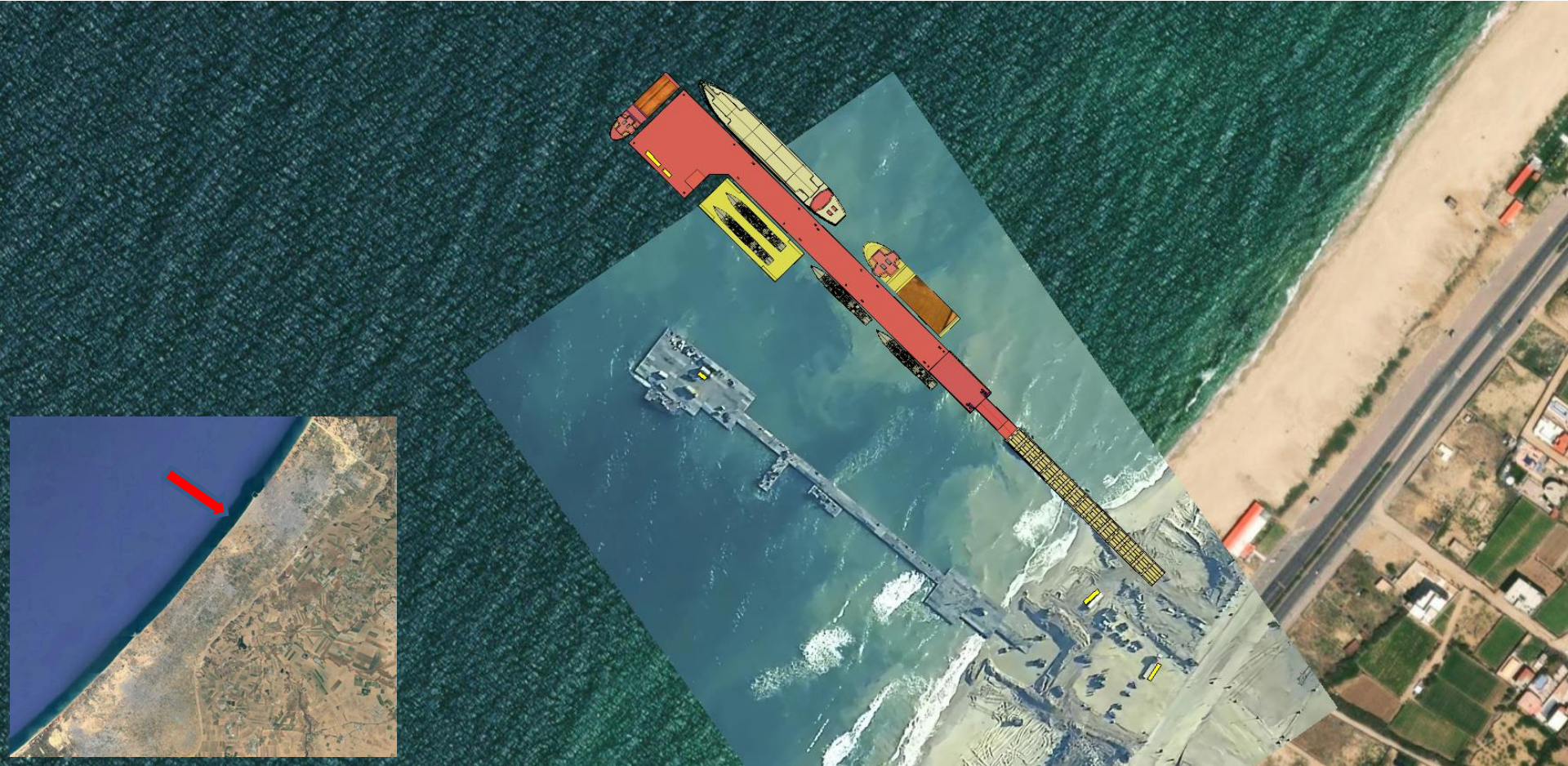
## Dynamic-Docks shorter alternative



**Dynamic-Docks: \$40 million , safe behavior in winter gales**  
**U.S. military floating pier: \$320 million, dismantled in a light to gentle breeze**  
**with slight to moderate seas**



## Dynamic-Docks shorter alternative



**Dynamic-Docks: \$40 million , safe behavior in winter gales**  
**U.S. military floating pier: \$320 million, dismantled in a light to gentle breeze**  
**with slight to moderate seas**



25 May 2024

# THE WALL STREET JOURNAL.

English Edition ▾ | Print Edition | Video | Audio | Latest Headlines | More ▾

WORLD | MIDDLE EAST

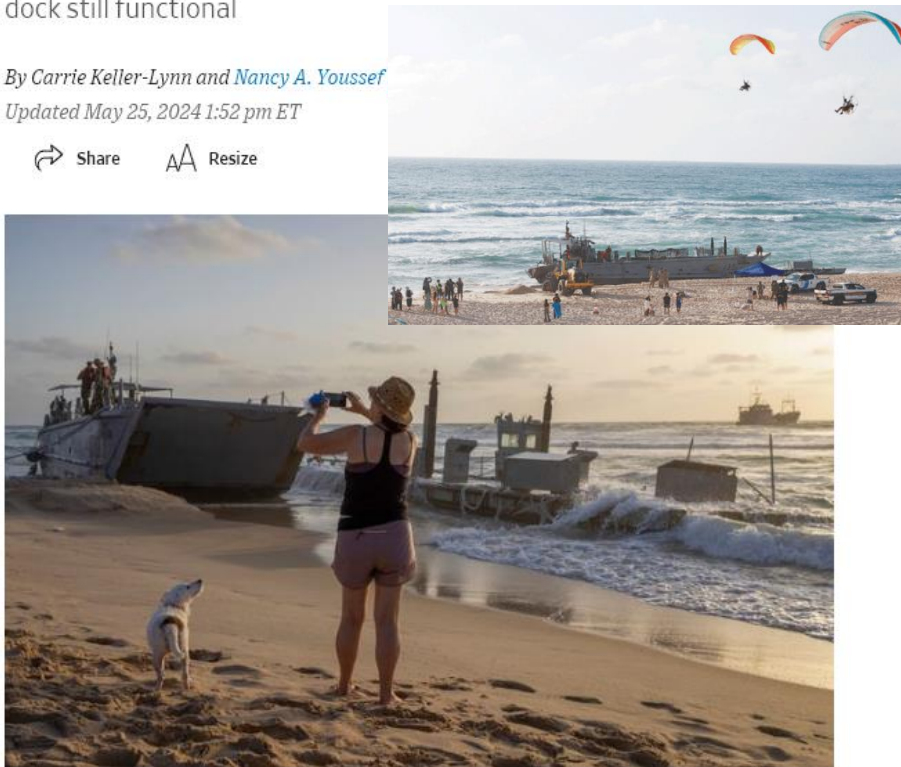
## U.S. ‘Floating Pier’ for Gaza Damaged by Choppy Seas

Parts of the structure, the centerpiece of the Biden administration’s efforts to boost aid to the Palestinian enclave, broke off; military says dock still functional

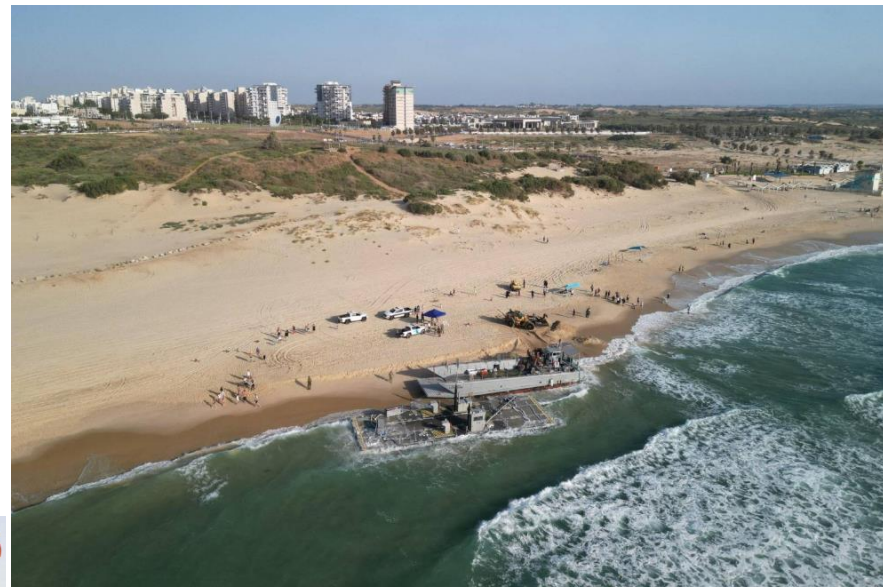
By Carrie Keller-Lynn and Nancy A. Youssef

Updated May 25, 2024 1:52 pm ET

[Share](#) [Resize](#)



One of the vessels stabilizing a floating pier off Gaza washed ashore on a beach in Ashdod, Israel, over the weekend. PHOTO: OREN ZIV/AGENCE FRANCE-PRESSE/GETTY IMAGES



Drone view of the scene where vessels, used for delivering aid to Palestinians via a new US-built pier in Gaza, got stuck after they ran aground, on the Mediterranean coast in Ashdod, Israel May 25, 2024. REUTERS/Amir Cohen



The U.S. Army landing craft mechanized (LCM) was beached while trying to retrieve a piece of the temporary pier that broke off while in transit.



28 May 2024

## The New York Times

### BREAKING NEWS

**The pier in Gaza that the U.S. military constructed to provide much-needed humanitarian supplies broke apart in rough seas, the Pentagon said.**

Tuesday, May 28, 2024 4:49 PM ET

Army engineers are working to put the pier back together, and Defense Department officials hope it will be operational again in about a week.



[Link to video](#)

***Actual weather conditions:***

***Light to gentle breeze NW 5 to 10 kts; maximum wave W 1.4 m (4.6 ft), slight to moderate seas***



8 March 2024

*Preliminary correspondance* (*link*)