

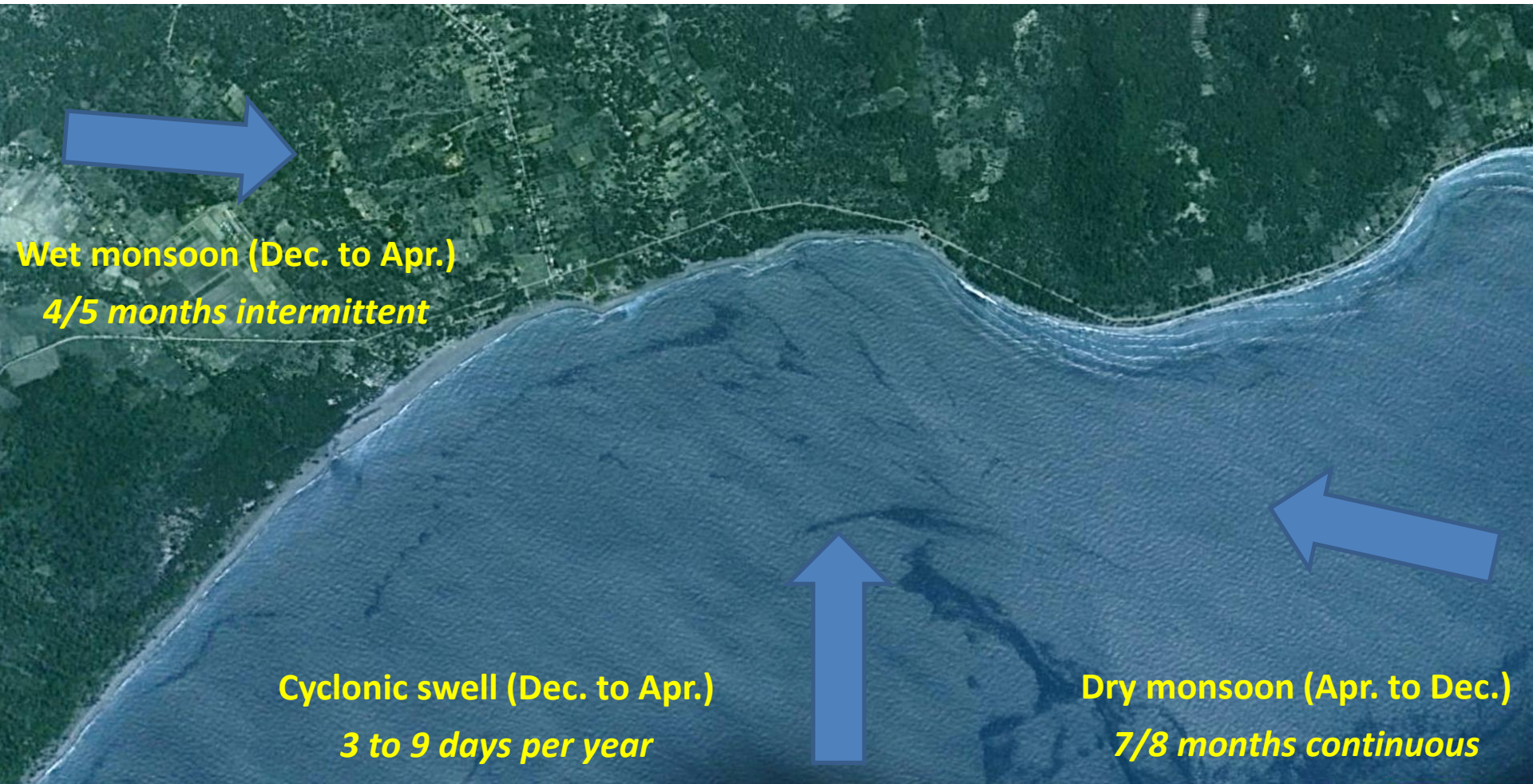
SUBMISSION FOR BETANO AND METI BOOT BAYS MULTIPURPOSE MOORING WHARVES

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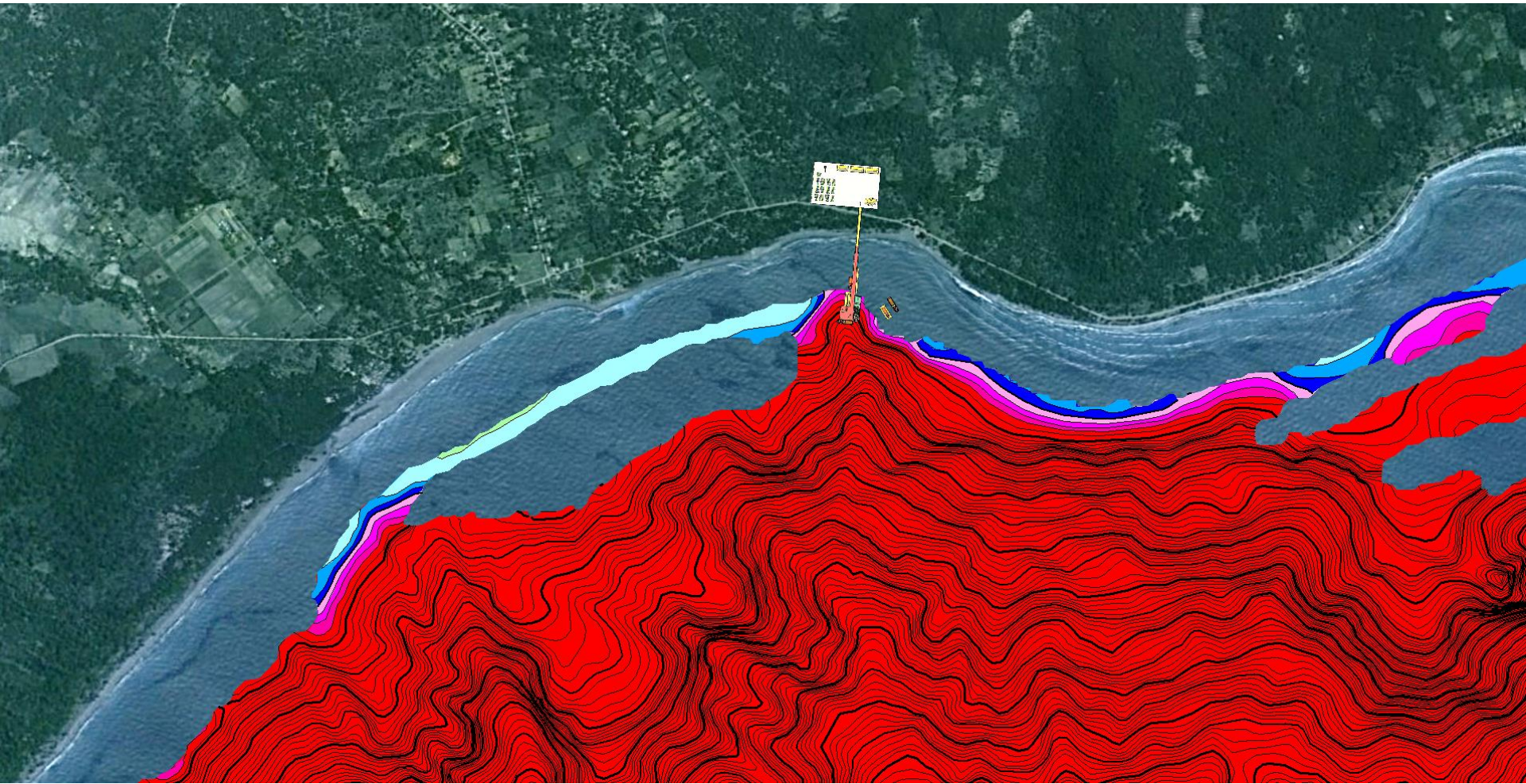
August 2012, updated 2023



Aerial view of Betano Bay from 4600 m elevation (2004)



Aerial view of Betano Bay from 4600 m elevation (2004)



Partial bathymetry and wharf with yard, Betano



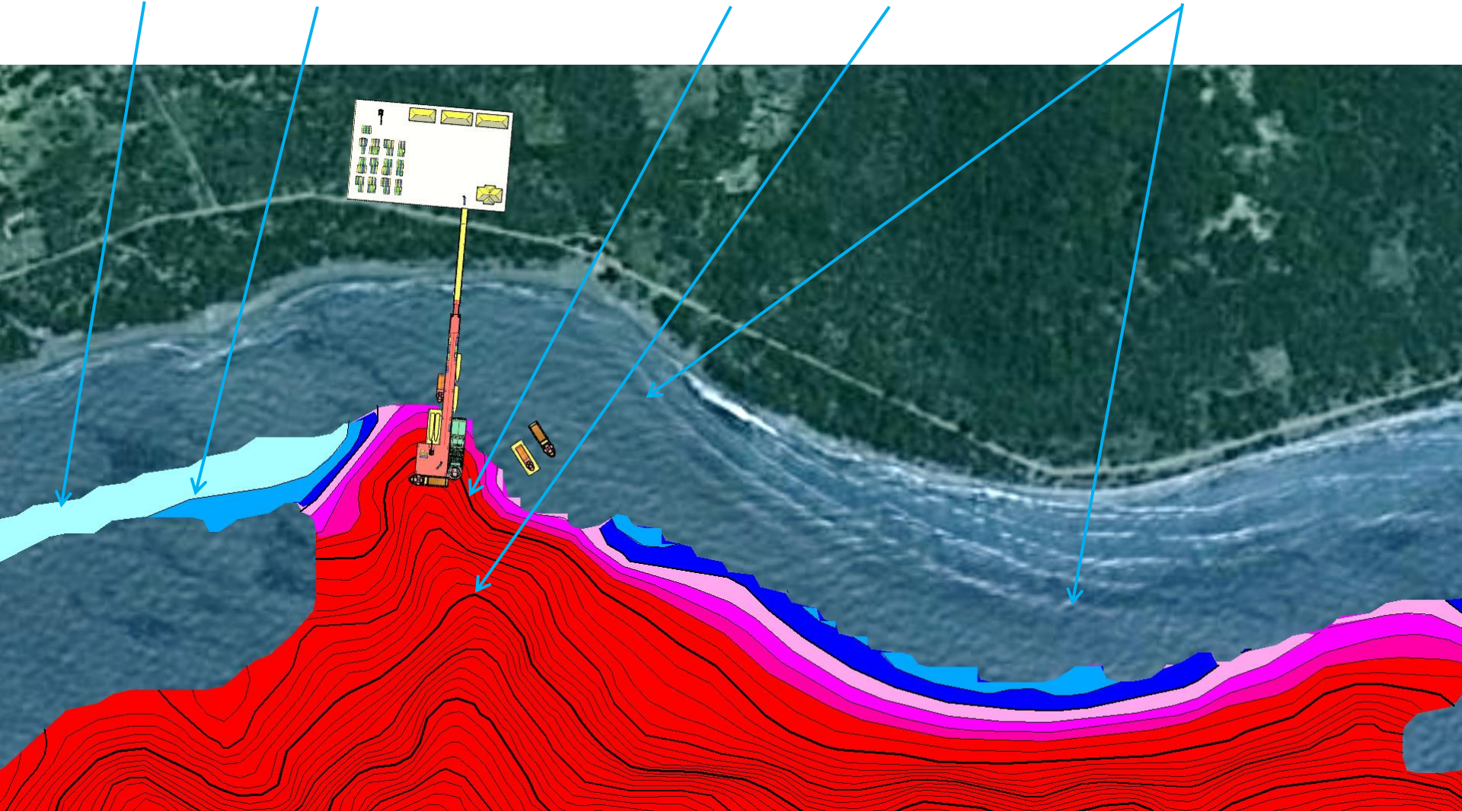
10 m at low tide

15 m

50 m

100 m

Extent of reef



Aerial view of Betano Bay showing partial bathymetry



Site of Betano Port

Rocky reef terrain



Reef natural protective barrier (extends ~200 m south)



Aerial view of Meti Boot Bay from 4600 m elevation (2004)

Wet monsoon (Dec. to Apr.)
4/5 months intermittent

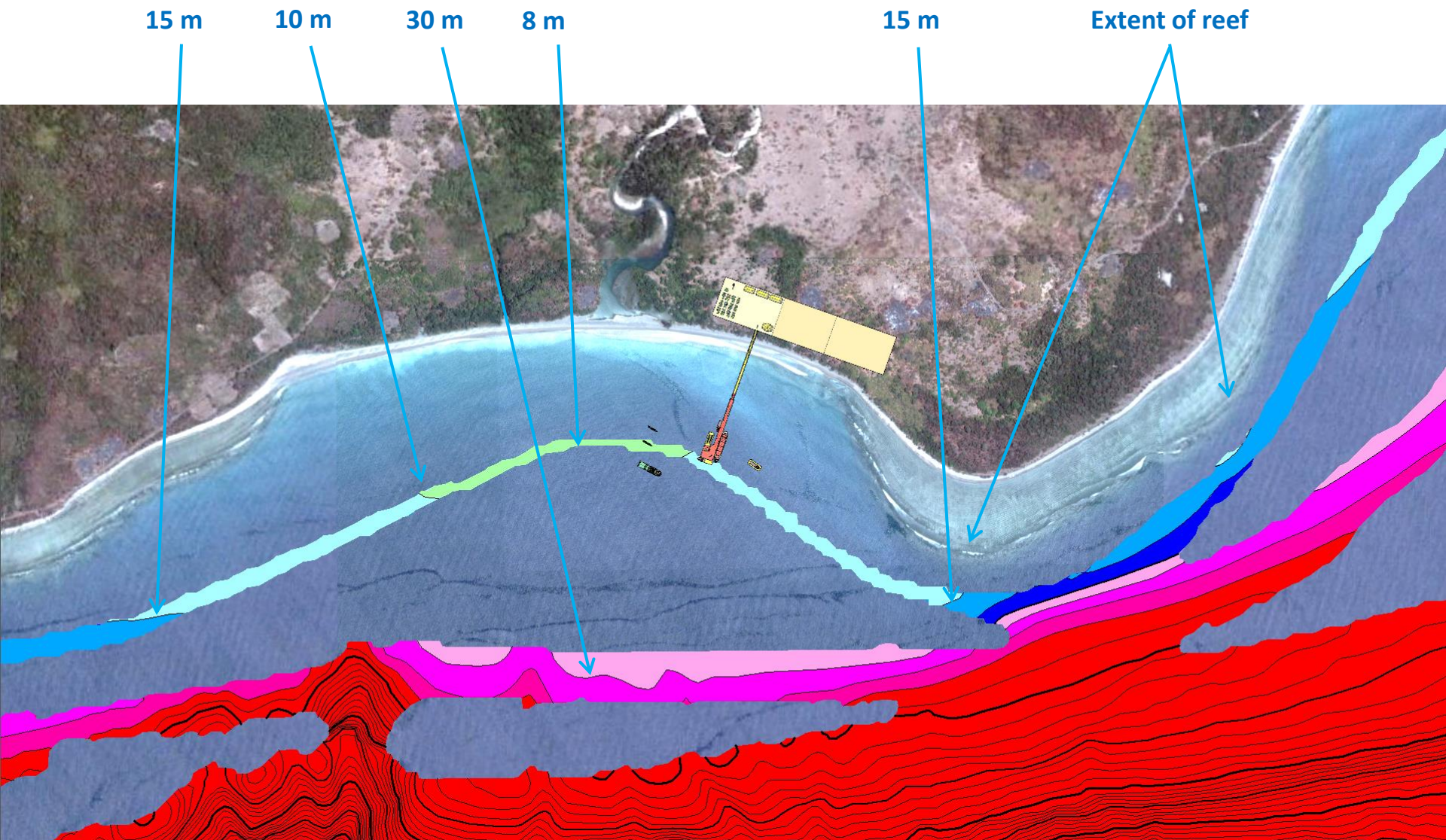


Cyclonic swell (Dec. to Apr.)
3 to 9 days per year



Dry monsoon (Apr. to Dec.)
7/8 months continuous



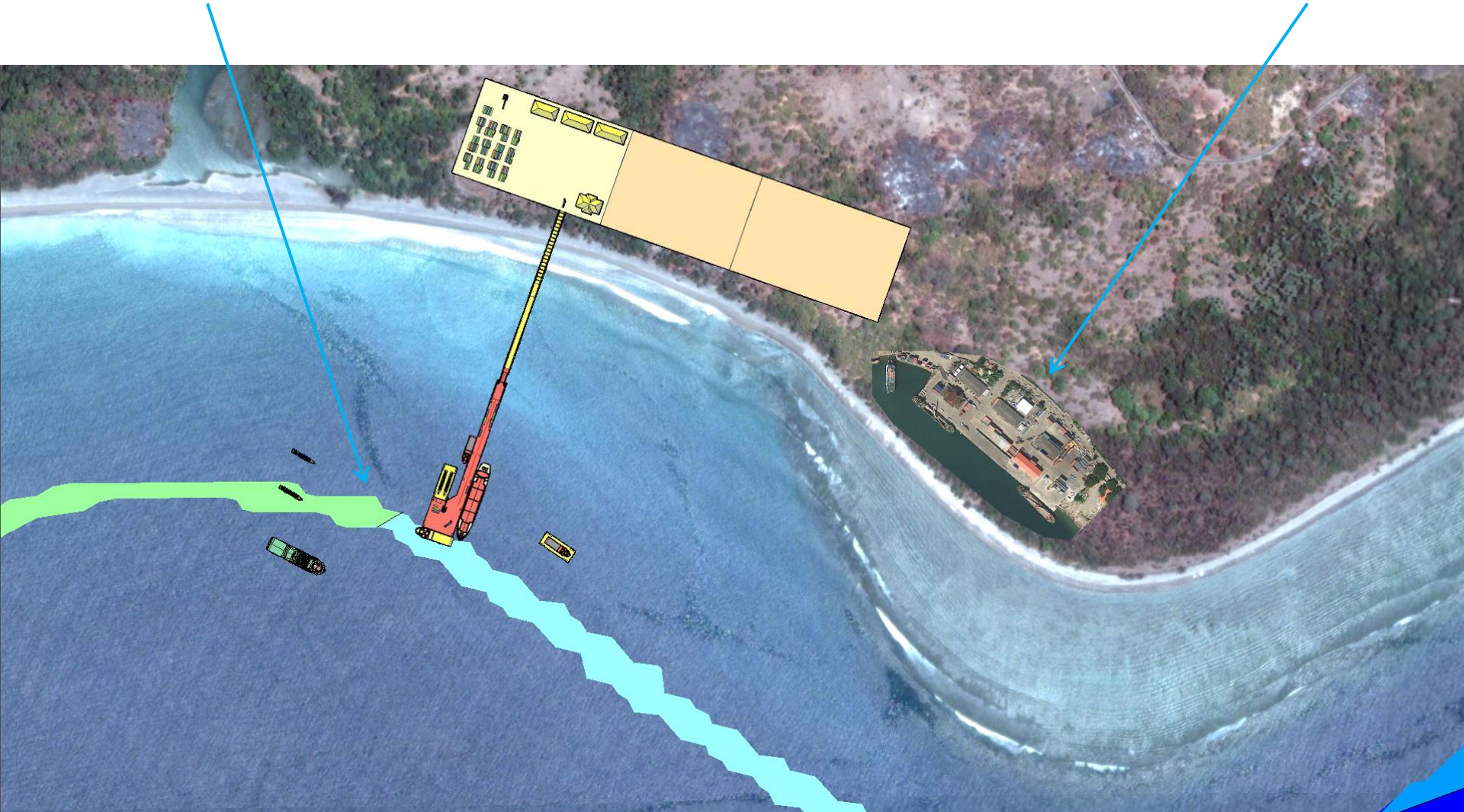


Partial bathymetry and wharf with yard, Meti Boot



10 m at low tide

Dili Port at scale



Aerial view of Meti Boot Bay with wharf , 2 x the dockage of Dili Port



Site of Meti Boot Port

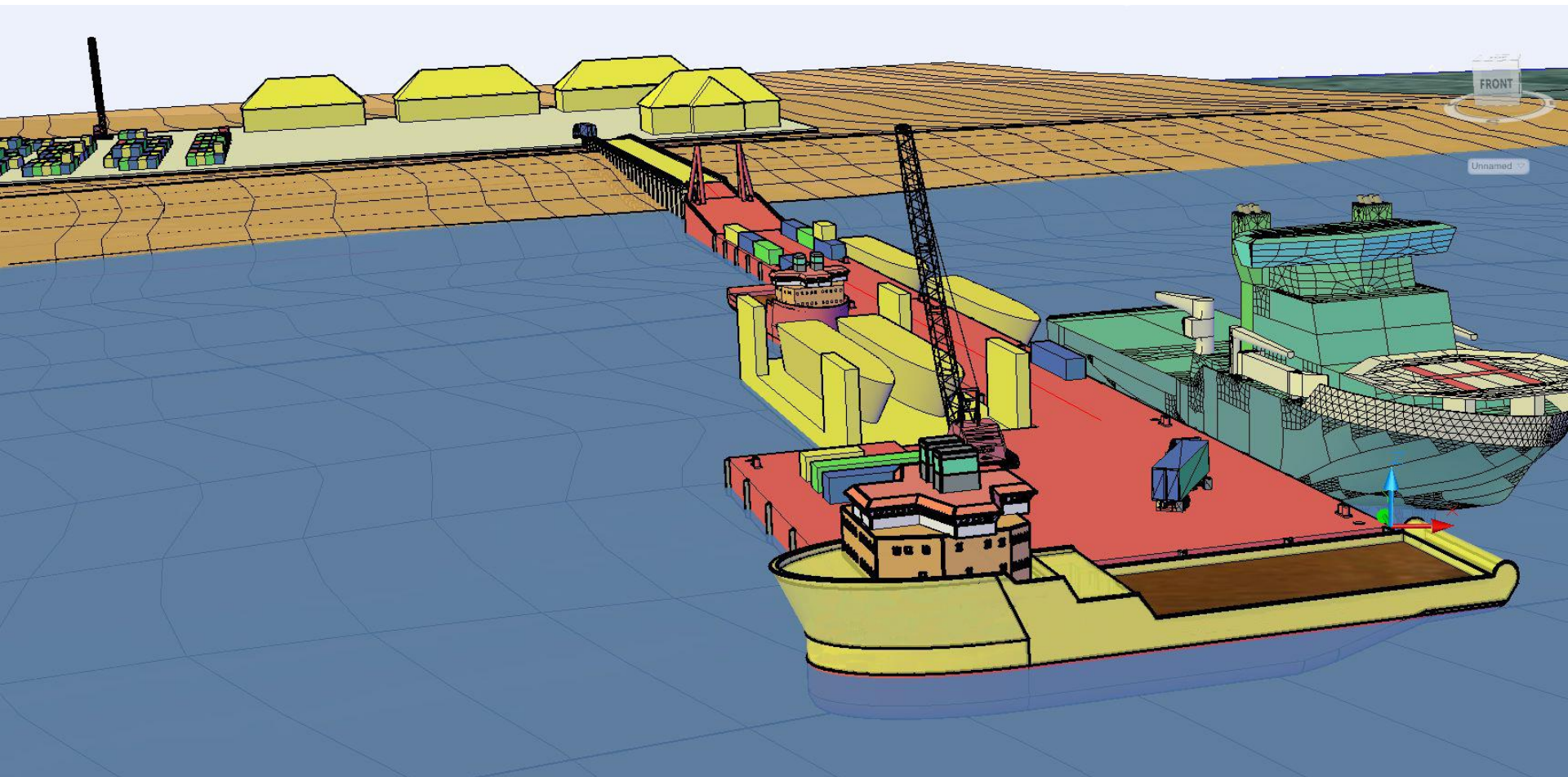


Sandy beach



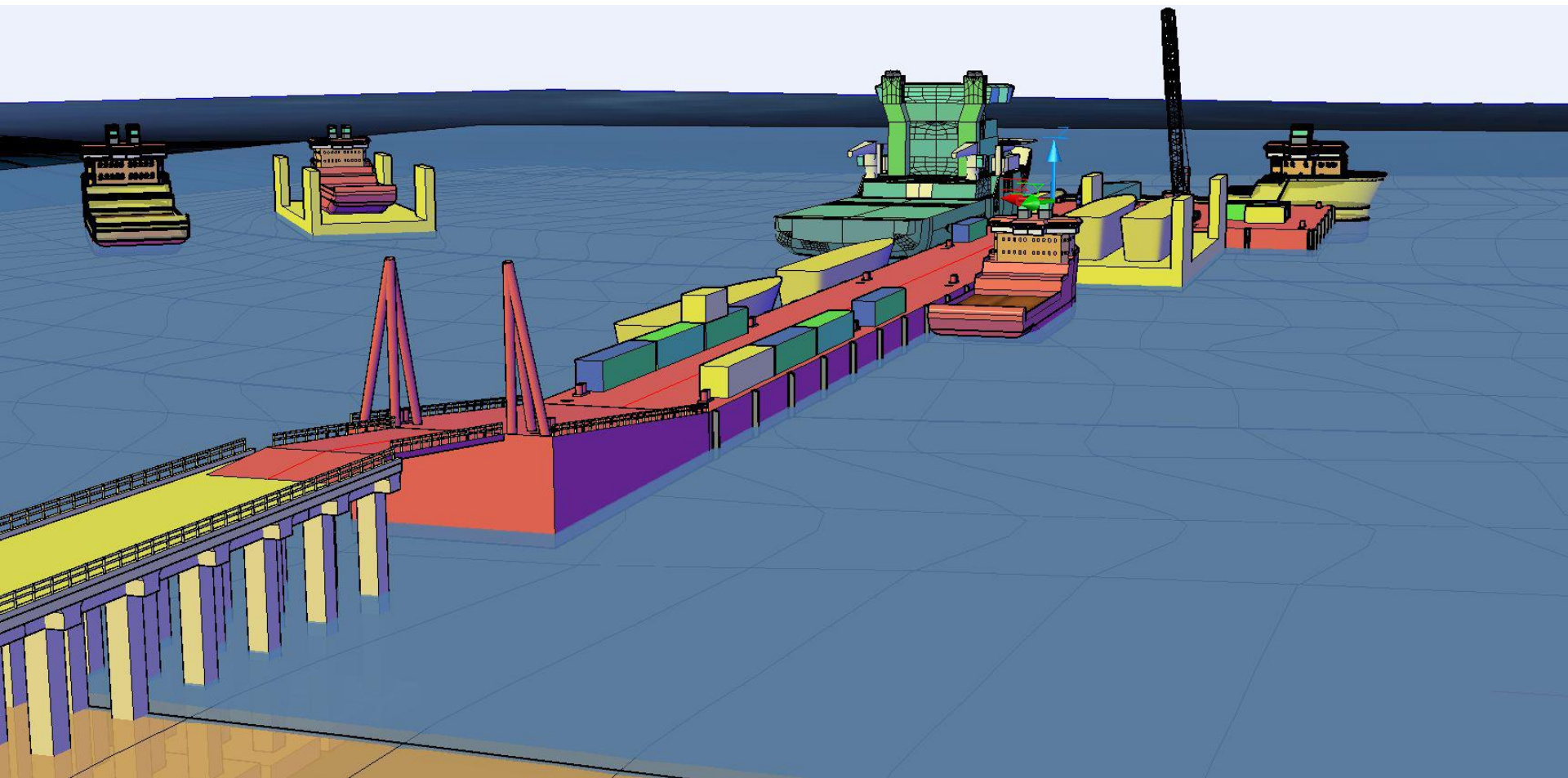
Reef natural protective barrier (extends ~320 m south)





Panoramic view of the port from the northeast





Panoramic view of the port from the south



An existing floating wharf in Pusan, South Korea, 110 m long and 7.5 m wide. Two large ore carriers and a floating dry dock are moored to it.



The present submission is for units significantly larger (260 m long, 15 x 50 m wide)



Deck of the existing floating wharf in Pusan, South Korea



<u>SUBMISSION</u>	<u>Option1: 260 x 50 x 50 x 15 m Betano</u>	<u>Option 2: 260 x 50 x 50 x 15 m Meti Boot</u>
Overall length	340 m (including 100 m access causeway)	340 m (including 100 m access causeway)
Wharf length	260 m plus 20 m ramp	260 m plus 20 m ramp
Wharf width	15 to 50 m	15 to 50 m
Displacement	2 260 metric tons	2 260 metric tons
Anchoring	3 600 tons of concrete grounding and 650 tons of 3" and 4" chain	3 600 tons of concrete grounding and 650 tons of 3" and 4" chain
Docking availability	570 m of docking (compared to Dili Port 290 m)	570 m of docking (compared to Dili Port 290 m)
Maximum allowable draft	30 m (Dili Port 4.5 m). No tidal effect	10 m (Dili Port 4.5 m). No tidal effect
Shore yard	40 000 m ²	40 000 m ²
Installation leadtime	18 months	18 months
Budget:	\$50 million	\$50 million

