



Agenda Item Position Slip

Submitted On:

Mar 6, 2026, 04:53PM EST

City of Oceanside

Email	gary@highwave.com
Council Meeting Date	the next or every one
Agenda #	non unless you have interest
Subject	Bringing back he beach at Oceanside with premium waves
Position	In Opposition
Name	First Name: Gary Last Name: Ross
Oceanside Resident	No
Full Address	Street Address: 3301 W. 5th St. Suite 130 City: Oxnard State: CA Zip: 93030
Comments	<p>Your wave speed bump idea extends the shore to ocean deeper to solve the issue of sand leaving the 3.5 Mi beach at Oceanside. The rock base will reflect the inshore energy and take more sand with it moving it further offshore. The form may trap some sand on specific swell directions but at a cost. Some artificial rock reefs in Australia have shown to be of value but the only proven in locations with an existing significant rock base. If on a sandy shore a new rock reef will settle a bit deeper as with any submerged breakwater and commonly known to create the need for more stone and with other technical risks. When successful you will be the very first to claim it and good luck if you go for it. The challenge is to create resistance more offshore leaving less energy closer to shore to bring back the sand. This may not help grow the historic sandy beach if it first contacts a rock wall of any height if on a speed bump. My company Highwave Ocean Energy has a full scale patented reef and energy capture elements and aspects with many proven in testing at the Hinsdale lab at the end of 2021. We tested two a 1/22 scaled Y REEFs shown to capture and hold sand on scaled sand model testing. We expect the best for for all of our 20 yr plus history in development of our own private testing. I admit to have friends still living there or near you for my interest and also as a long term and once sponsored surfer. We have delayed plans for final testing to be done on our reef model only for some fine tuning for the best sand holding. Our reef is designed to be formalized in harbor and towed and installed in fortnight and is adjustable, long lasting costing much less than any known development and removable for permitting . Let me know if you would like any more information. If you don't respond I will assume not interested and will not reach out again. Highwave was founded in 1983 is to give respect</p>

to others get respect in the ocean also on good surfing days included. The best of luck on your critical adventure and will respond if your team has any questions. I will not contact you again as I do respect your own legal and ethical pathway and ask for the same to me and to our 100% family business at Highwave . Also feel free not to include this note to your list for any reason.
