

TRANS OCEANIC

PROJECT MEXICUS DEMONSTRATOR (125 MEGATON CLASS) by TRANSOCEANIC LLC – USA REV. NC

**Water for the USA and NW Mexico from the Pacific Mexican
Rivers via the Gulf of California**

**transoceanic.us
dorian@transoceanic.us**

SW USA AND NW MEXICO NEED MASSIVE WATER



- TRANSOCEANIC CAN DELIVER MASSIVE QUANTITIES OF LONG-DISTANCE WATER FROM THE PACIFIC MEXICAN RIVERS TO NW MEXICO AND ALSO INITIATE WATER TRANSFERS AND WATER RIGHTS EXCHANGES WITH USA CONSUMERS TO SOLVE THE WATER SCARCITY IN THE COLORADO RIVER BASIN AND BEYOND
- THE PRESENT PROJECT PROPOSAL COVERS WATER DELIVERIES FOR A DEMONSTRATOR PROJECT SPECIFIED BY ARIZONA OF 100,000 ACRE-FT/YEAR.
- DIFFERENT AND LARGER PROJECT SIZES CAN AND ARE EXPECTED TO BE BUILT



**TRANS
OCEANIC**

FOR THE DEMONSTRATION PROJECT TRANSOCEANIC PLANS TO BRING MASSIVE QUANTITIES OF WESTERN MEXICAN RIVER WATER TO THE LOWER COLORADO RIVER BASIN BY THE SUBMERSIBLE BOATS WITH:

- lengths of 280 m;
- diameters of 40 m;
- **Fresh water carrying capacities: 352 000 cubic meters – as large as the large crude-oil supertankers)**

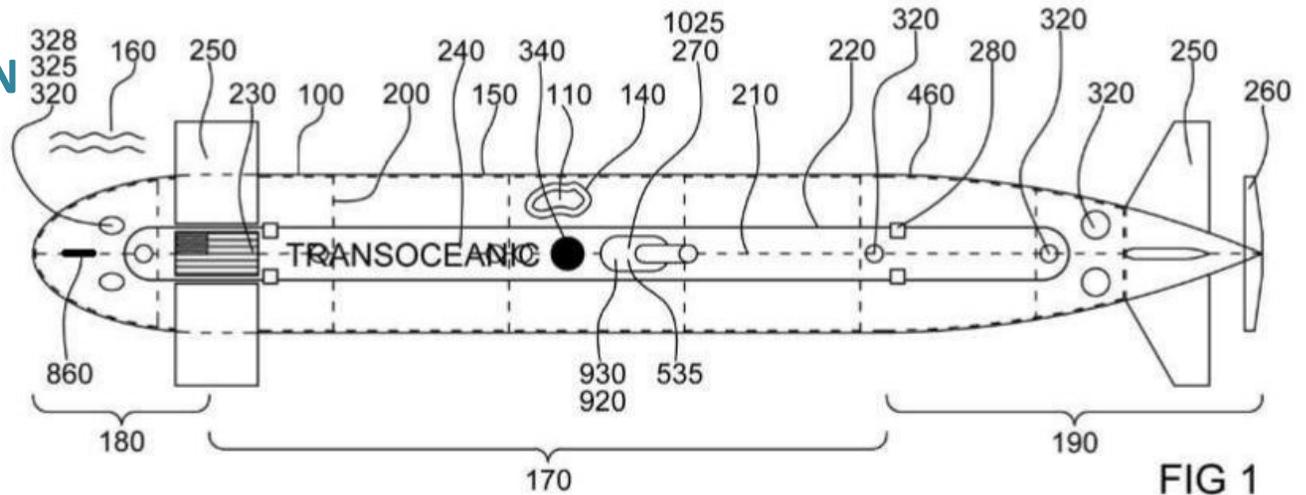


FIG 1

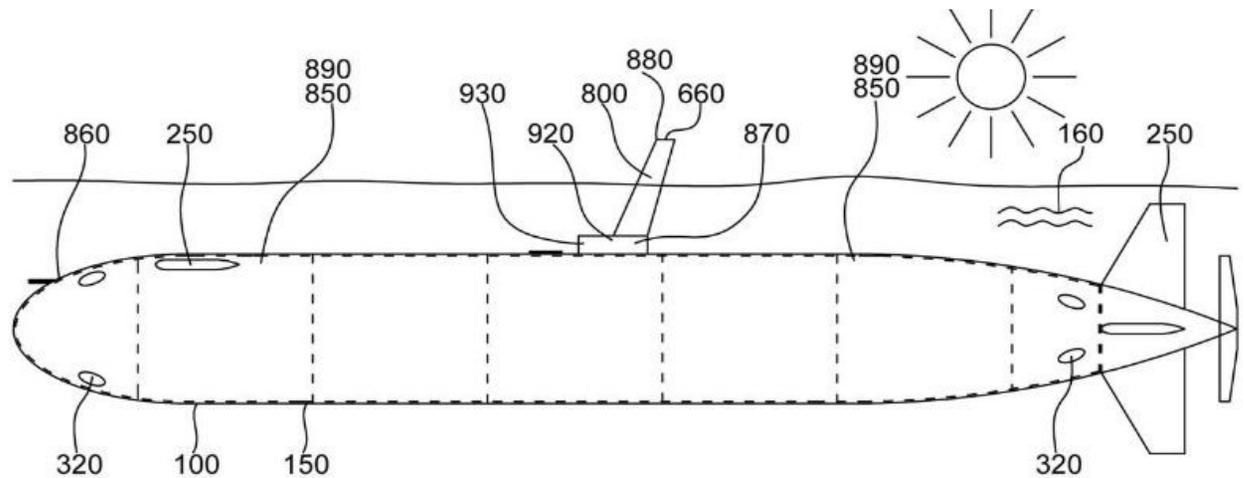


FIG 2

FOR DETAILS ABOUT TRANSOCEANIC CONFIGURATION, SEE PATENT US-11505297-B2

* SUBMARINE CAPABILITIES ARE PREFERRED FOR SUBMERGING DURING HIGH SWELL.

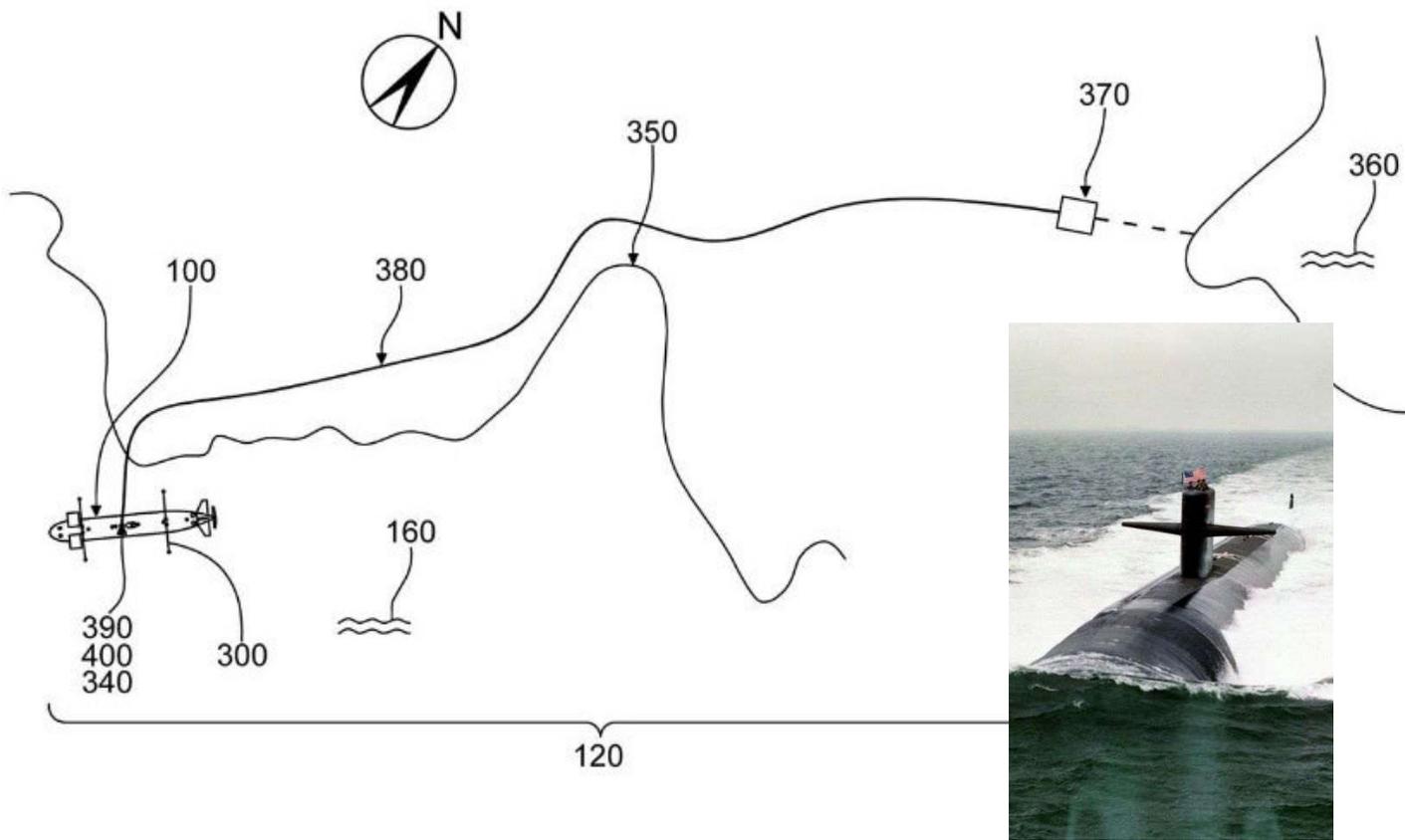


THE FRESH WATER IS DELIVERED OVER AN AVERAGE DISTANCE OF 800 KM (500 MILES) FROM THE PACIFIC MEXICAN RIVERS (preferably between Yaqui and San Lorenzo Rivers) to NW Mexico, via Wagner Basin in the Northern Gulf of California, landing at Puerto Peñasco (East Route), San Felipe, Mexico (Wester Route), or El Golfo de Santa Clara (Route details are shown on next page).

Mexico has the capacity to export water and sell its Colorado River water rights to U.S. clients, with appropriate compensation for Mexico. This process involves formal agreements and the transfer of rights, as outlined in the relevant policies.



- **THE DEMONSTRATOR PROJECT by TRANSOCEANIC LLC – USA IS PLANNED TO DELIVER 125 000 000 TONNES OF WATER PER YEAR (1,500,000 AFY) TO NW MEXICO, WHICH IN ITS TURN CAN TRANSFER ITS COLORADO RIVER SENIOR WATER RIGHTS TO THE USA OR DELIVER THE WATER DIRECTLY TO THE USA.**
- **THE EXPECTED COSTS AND TECHNICAL DATA ARE AVAILABLE BY REQUEST**
- **EXPECTED COST OF ONSHORE DELIVERED WATER IS US\$0.12 PER CUBIC METER (\$153/AF)**
- **THE DEMONSTRATOR PROJECT IMPLIES AN INVESTMENT OF US\$142 MILLION**



The TRANSOCEANIC SUBMARINES (100) transport fresh water(360) from an offshore supply station(120) from Western Mexico (located on one of the river sources of choice)



...to an offshore delivery station (130) in the Northern Gulf of California (Wagner Basin)

From the offshore delivery station, the fresh water is transferred onshore and shared between Mexico and USA.

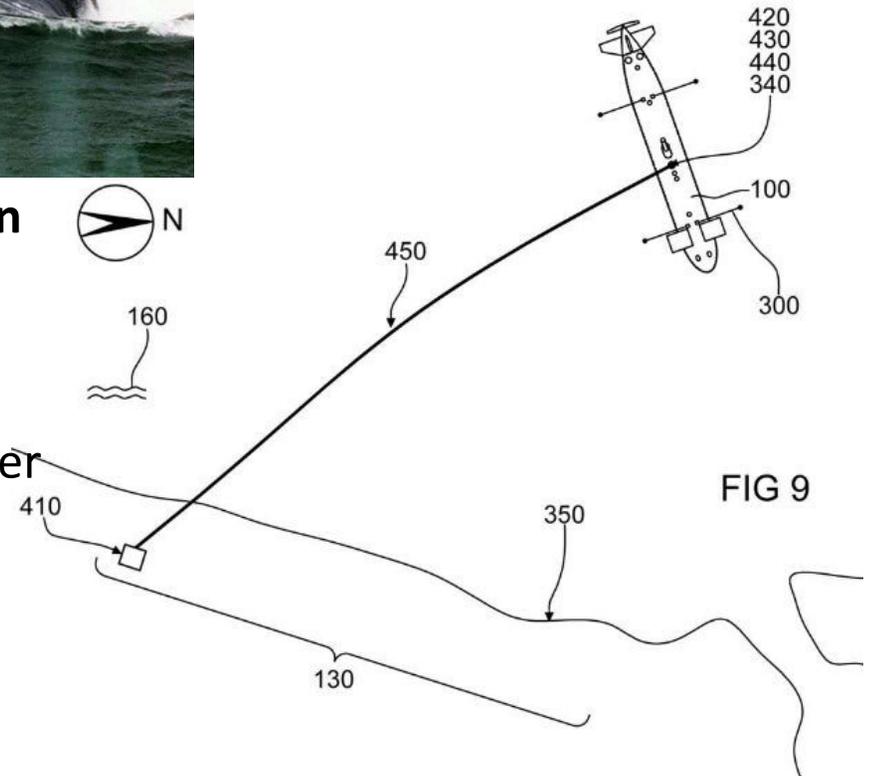
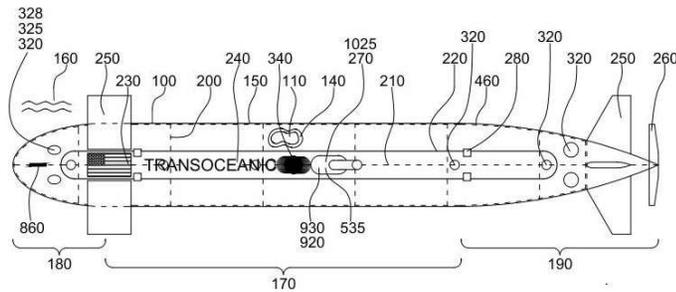


FIG 9



transoceanic.us

The TRANSOCEANIC transport submersibles, usually with a capacity of 0.5 to 10 million DWT, are built with variable-ballastable reinforced concrete hulls and equipped with large, impervious, collapsible inner bladders for transporting fresh water.

The TRANSOCEANIC systems are flexible and intelligent:

- **TRANSOCEANIC systems can be reconfigured for various water source locations, delivery points, and routes, demonstrating their adaptability and reliability to meet diverse needs;**
- **TRANSOCEANIC transport submersibles are built as Autonomous Underwater Vehicles (AUV) with the required concrete hull ballast and integrated instrumentation, command, and control systems that include protocols for economical and safe cruise, ensuring operational reliability.**
- **The TRANSOCEANIC operation requires no ballast water release into the environment (seas & oceans) and can also remove brine from desalination plants, underscoring its environmentally friendly design and commitment to sustainability;**
- **TRANSOCEANIC submarines are corrosion-resistant (built of reinforced concrete panels and sheltered collapsible bags) and are economically assembled as ultra-large structures of hundreds of thousands of tonnes.**



TRANSOCEANIC AND THE WORLD

TRANSOCEANIC (transoceanic.us) can bring gigatons (millions of acre-ft) of low-cost fresh water to arid areas, feeding the WORLD, delivering plentiful water to cities, and arresting carbon into the soil and plants.

TRANSOCEANIC's main potential markets are: [Western USA \(Arizona, California, Nevada\)](#), and by water rights reallocation, the whole of [Colorado River Basin, NW Mexico \(Baja California, Sonora\)](#), Middle East and North Africa (MENA) countries, European Union's Southern countries, South Africa/Namibia, India, Australia, Western South America, China, and possibly SAHARA (for dream projects, from the Amazon or Congo Rivers).