

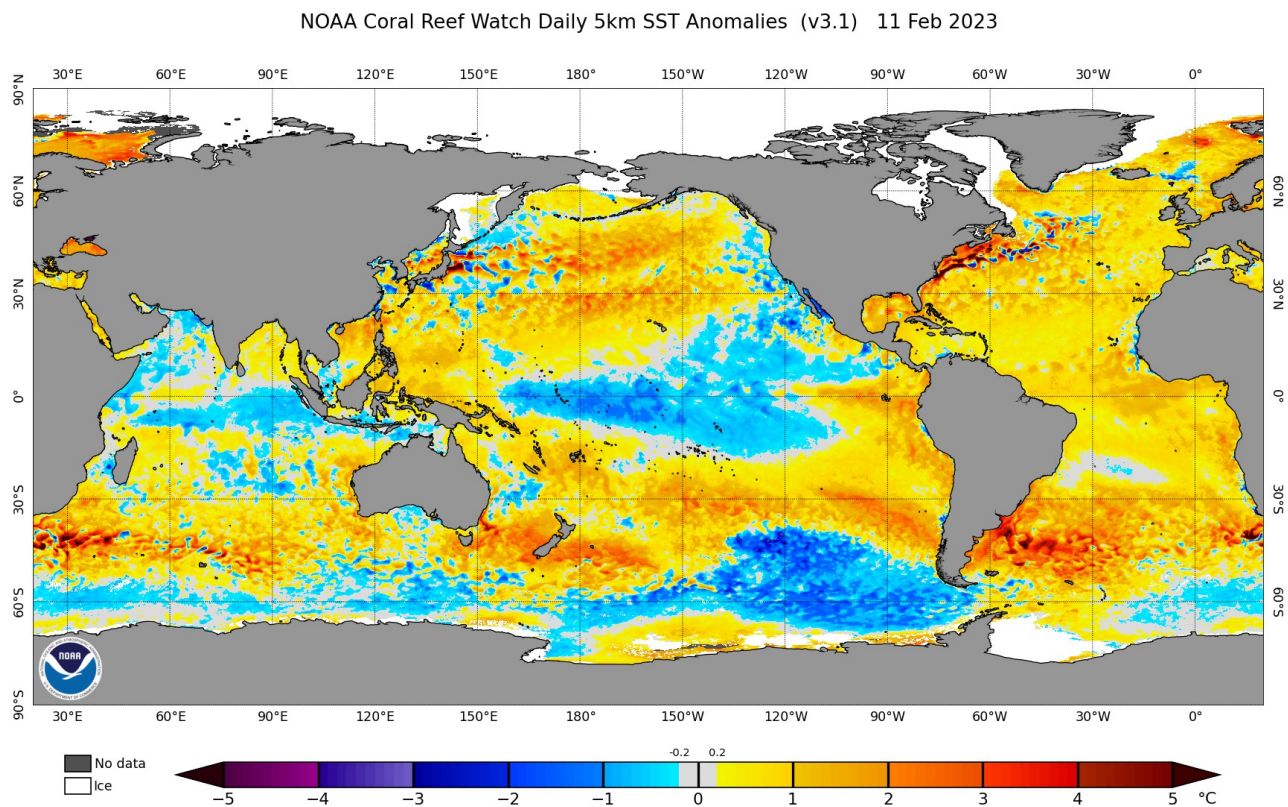
Hospitals & Asylums

Recycling Oceanic Heating and Cooling Pumps Thermally Polluting the Weather HA-12-2-23

By Anthony J. Sanders

Dear California Governor Newsom for the United States of America, International Court of Justice, Ambassadors from Japan and Canada c/o California Coastal Commission, Environmental Protection Agency Director Michael S. Regan:

1. Climate change damages are at an all time high. The oceans have never been so thermally polluted. Following a directive by the EPA, new HVAC systems will no longer use R410a refrigerants as of January 1, 2023 pursuant to Montreal Protocol. It is suspected obsolete coolant R410a is being “recycled” in the Pacific ocean by the Air Conditioning Contractors of America (ACCA) who promised to pay the admirable and refined California Governor Newsom for 30,000 lb. + industrial quantities recovered from the deeps, finder keeper, with some profits for Pakistan flood relief. Now there is a new cooling in the Indian Ocean, La Niña along the equator has been somewhat abated, however instead of recycling the chemical by converting it to a legal refrigerant or other marketable industrial chemical, or exporting it to nations that have not prohibited R410a, the artificial cooling along the Canadian West Coast, has extended to all of California.



2. California reservoirs and mountain glaciers are replenished, but the flooding in Sacramento was a disaster, so was the blizzard in Buffalo, New York with many record cold temperatures on the east

coast Governor Newsom is the only reliable thermal oceanic pollution abatement service he needs help to prohibit the absolutely most reckless type of prescribed burn and dispose of the slash piles, the best way, firewood finder keeper. Ottawa must similarly take care to prohibit peculiar West Canadian oceanic thermal pollution in their territorial waters, and prescribed burns. Japan has similarly relocated the central north Pacific hotspot to a location just off the eastern coast of that island. Japan needs to extinguish these fuel filled containers, suspected of being self-combusting styrene, with 15 parts per million of 4-tertiary-butyl-catechol (TBC), cable the railcar out of ocean, and quickly bring it to a refinery before self-combusts again in three months.

3. To restore natural rains and climate, to remove the temptation for Japan, Canada and the United States to combat climate change with a hostile arms race rather than prohibition of thermal oceanic pollution of the weather. To achieve a natural northern hemisphere climate, it is necessary to immediately and for entire future winters to prohibit the quasi-legitimate melting of the Arctic ice to create a Northwest Passage for shipping, in the winter when air transport is necessary to protect the polar ice cap. Polar industries, for which air transportation is inadequate, need to be shut down in the winter season, to protect the natural weather system, the climate pseudo-scientists are so disingenuous about, and should be pre-authorized for unemployment compensation - force majeure. All oceanic heating and cooling pumps are prohibited and subject to seizure, finder keeper. How does the EPA propose to make California and Pakistan money recycling R410a? R-410A, sold under the trademarked names AZ-20, EcoFluor R410, Forane 410A, Genetron R410A, Puron, and Suva 410A, is a zeotropic but near-azeotropic mixture of difluoromethane and pentafluoroethane that is used as a refrigerant in air conditioning and heat pump applications.

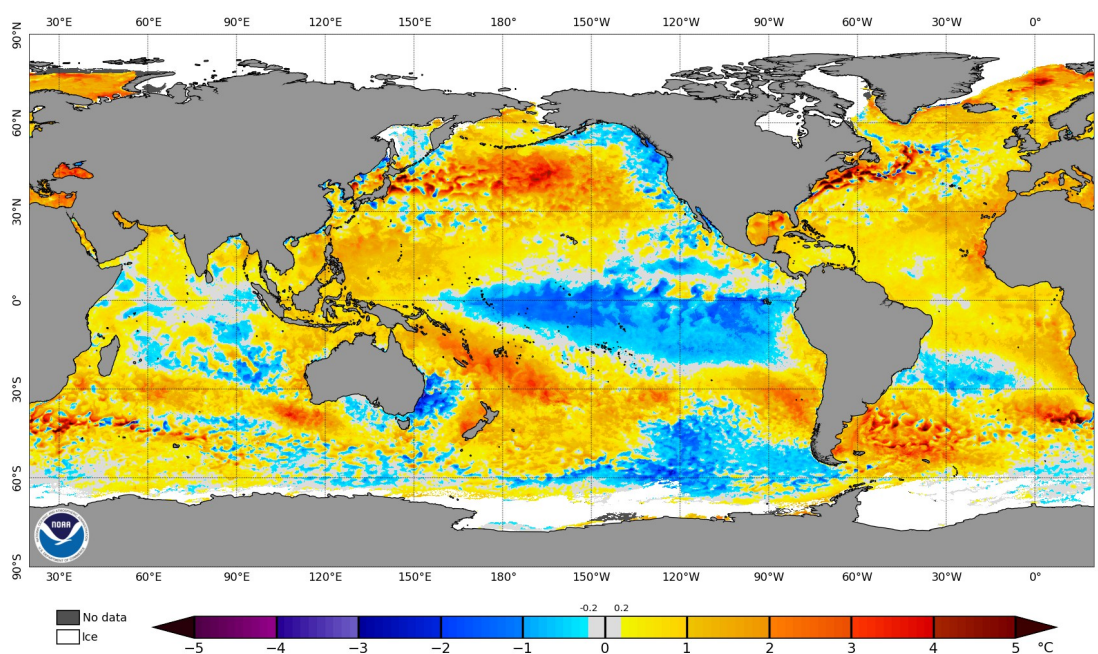
4. High levels of dissatisfaction with EPA contracting, have been exhibited. Asbestos and mold abatement to unlock demolition or renovation of Truman era ruins at St. Elizabeth's Hospital in Washington DC and the Army and Navy General Hospital at Hot Springs National Park in Arkansas. The EPA websites negligent five year plan to close down the facility after it was ordered to be closed for leaking by Defense Secretary Lloyd Austin in April 2021 resulted in a short lived relapse of the Red Hill Bulk Fuel Storage Facility by air, after a leak causing the eruptions of Hawaiian volcanoes Mauna Loa since 1983 and Kilauea after Governor Newsom sucked the 250 million storage tank dry and brought the fuel to a California refinery. The EPA needs scrap the facility, before it leaks again and convert it to civilian or recreational nature, and help Governor Newsom make money "recycling" R410a to help abate all thermal pollution in the oceans pursuant to Art. 195 of the Law of the Sea, International Code for Ships Operating in Polar Waters (Polar Code), International Convention for the Prevention of Pollution from Ships (MARPOL), Convention on the Prohibition of Hostile Military and Other Environmental Modification Techniques (ENMOD), Framework Convention on Climate Change (UNFCCC), Convention on Biological Diversity (CBD), Whaling in the Antarctic (Australia v. Japan: New Zealand intervening) International Court of Justice Judgment of 31 March 2014.

5. Sea surface temperature (SST) and Anomaly is one of the most important indicators of climate variability and long-term climate change. The Australian Bureau of Meteorology and the National Oceanic and Atmospheric Administration (NOAA) produce global maps to monitor surface temperature. SSTs are used to monitor many modes of climate variability such as El Niño–Southern Oscillation (ENSO), the Pacific decadal oscillation (PDO), the Atlantic multi-decadal oscillation (AMO), and the Indian Ocean dipole (IOD). Heat loss estimates have been made for SST measurements from buckets that occur during the time between the hauling of buckets from the ocean

surface and the reading of thermometers. Although NOAA produces a SST Anomaly chart, they do not understand that it is cool waters that make rain and warm water drought, and are not in command of the artificial heating and cooling of the ocean, except that they can chill a bleached coral reef, to protect polyps against being killed by excessively warm waters.

6. There is very limited window of legitimate use of oceanic heating and cooling pumps. Chilling the water around coral reefs jeopardized by global warming is the only reason to alter ocean temperature, that withstands any meteorological argument. Heating pumps can be used to melt routes through the Arctic and Antarctic ice, however, due to record low polar ice, polar habitat loss and global warming, heating pumps must be prohibited, except during emergency, and then extinguished immediately after the exercise. Oceanic heating pumps cannot be allowed for commercial use in the polar regions by the oil extraction, shipping and scientific research industries, to extend their work beyond the natural season allotted to it, and they must learn to mothball operations in the winter. Ice breaker ships seems fair, by comparison with devastating ice-melting caused by thermal pollution. Oceanic hydrocarbon heating pumps need to be detected extinguished and removed by magnet and cable to an oil tanker or warship and swiftly sold to a refinery for conversion to a more stable hydrocarbon. Normally, a chemical inhibitor such as 15 parts per million of 4-tertiary-butyl-catechol (TBC) is added to the tank during transport to prevent polymerization, but this lasts only three months and tankers can idle longer. This inhibitor scavenges rust and other impurities within the tank that can act to initiate polymerization. Oxygen (about 10 ppm) is also required to be dissolved in the styrene monomer for the TBC to do its job. The TBC concentration decreases with time as it scavenges impurities; 15 ppm concentration would probably be mostly used up in possibly 3 months (even less time if ambient temperatures are warmer). Without the inhibitor, the styrene monomer can polymerize with oxygen to form a styrene-oxygen copolymer or benzaldehyde and/or formaldehyde and polymerize with the release of heat. The heat further accelerates the polymerization releasing more heat. Check temperature, inhibitor and polymer content at least once a week during warm weather. Increase monitoring frequency if stored at greater than 70°F for longer than 30 days. Minimize storage time.

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 21 Dec 2022



7. Oceanic cooling pumps typically use cold water upwelling to cool surface water using cooler deepwater. Cool waters increase condensation and the thermocline can be used to generate electrical energy using Ocean Thermal Electrical Conversion (OTEC). The moderately cool water typically has a beneficial effect on climate, moderately increasing rains, cooling the summer and protecting coral reefs and climate against excessive heat. However, A.S. Trust & Holdings blend of pure hydrocarbon refrigerant, that was designated R441A by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) in 2011. Following its development and approval, meteorologists began witnessing enormous atmospheric river (AR) that would cause unprecedented flooding events. The addition of refrigerant, the cold water upwelling arrangements, seems to generate far more moisture than natural oceanic condensation would produce and the excess water in the atmosphere comes down as torrential rains and monsoons, that cause excessively high waters and flooding. To restore the climate to its natural condition, it is necessary that Navies around the world observe the current operational National Oceanic and Atmospheric Administration (NOAA) and Australian Bureau of Meteorological, Sea Surface Anomaly (SST) Anomaly Map to extinguish, all detectable human caused thermal pollution from the ocean.

8. The United States and Canada must first extinguish the refrigerated cold water upwelling along the eastern Coast of Canada and southern Aleutian Islands of Alaska, in response to the deadly, extreme cold weather in December 2022. To restore the climate in the northern hemisphere, to a nearly natural state, United States, Canada, Iceland, Norway, Sweden, Finland and Russia must join together to prohibit the melting of polar ice on the Northwest Passage *force majeure* to protect polar bears, harp seals and climate. The large hotspot in the Atlantic and new hotspot in the Pacific must be extinguished, to be sure to end the droughts in Maine, California and the south-western states and in south east Asia. The artificial cooling of La Niña must be prohibited and removed to redress extreme flooding events in Pakistan, California and Gulf Coast states. Admirals are bound to extinguish and remove any and all hostile oceanic heating and cooling pumps they discover, anywhere in the world, for the benefit of victims of climate change disasters in developing countries pursuant to Art. 195 of the Law of the Sea, International Code for Ships Operating in Polar Waters (Polar Code), International Convention for the Prevention of Pollution from Ships (MARPOL), Convention on the Prohibition of Hostile Military and Other Environmental Modification Techniques (ENMOD), Framework Convention on Climate Change (UNFCCC), Convention on Biological Diversity (CBD), Whaling in the Antarctic (Australia v. Japan: New Zealand intervening) International Court of Justice Judgment of 31 March 2014.

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