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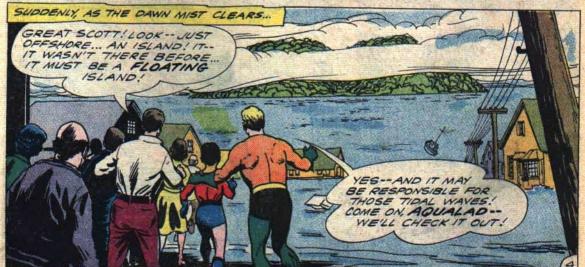
































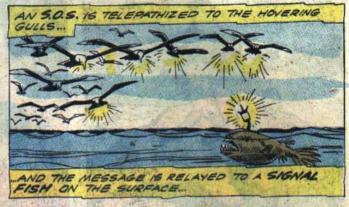












NEXT TO RECEIVE THE DESPERATE BULLETIN IS A PAIR OF POWERFUL CONGER EELS, WHO SWIM SWIFTLY TO THE SEA FLOOR, WHERE...



AND BEFORE LONG, A THRILLING RESCUE ENSUES ...











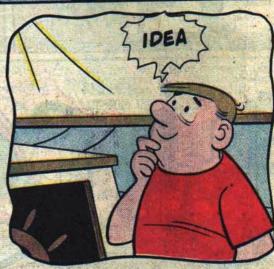




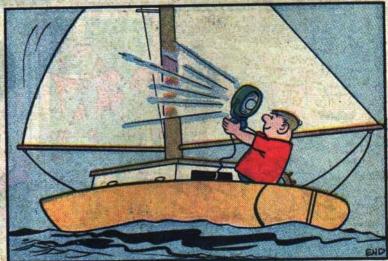












SUPERMAN BEAGOOD Says... CITIZEN!"

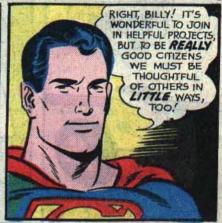






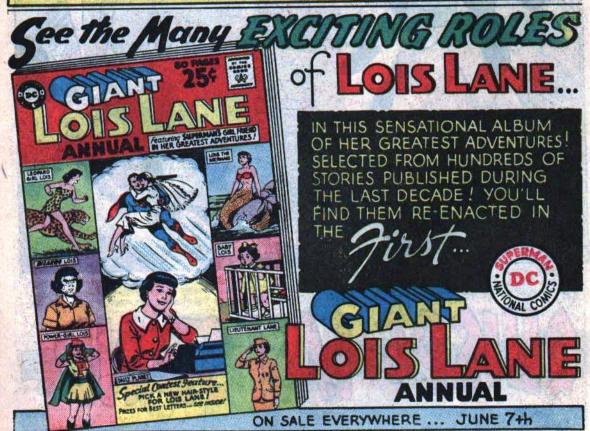






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AQUAMAN COUNTS ON THE HELP OF HIS WATER SPRITE ALLY TO THWART THE EVIL PLANS OF THE ALIEN BANDITS - BUT WHEN THE MINIATURE MARVEL BRAVELY RACES TO THE SEA KING'S AID, A GRIM TWIST OF FATE LEADS TO ...

WISS WISSEND























GREAT GUPPIES! WE'RE IN SPACE SHIP!

YES, AND LOOK-THERE ARE MORE ALIENS: BUT THESE IMPRISONED







































































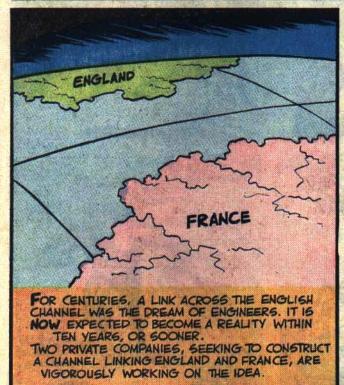








HANDS ACROSS the CHANNEL

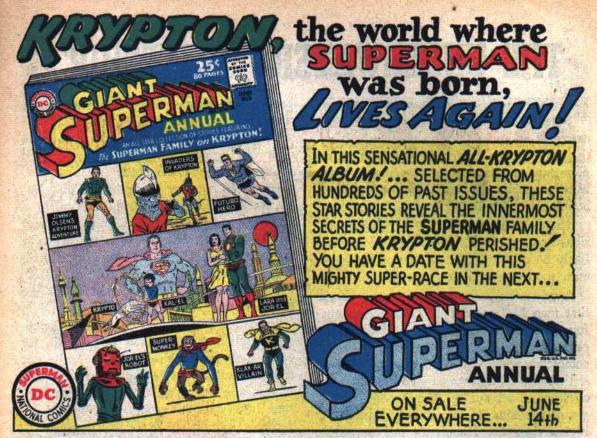




TWO METHODS HAVE BEEN PROPOSED.
ONE 15 FOR A 32-MILE LONG TUNNEL
THROUGH WHICH AUTOS WILL RIDE ON
FLATCARS, AT 60-MILES AN HOUR.
THE OTHER IDEA CALLS FOR A 4-LANE
BRIDGE FOR VEHICLES, PLUS 2-LANES
TO BE LISED BY RAILROAD LINES.



IN 1802, ALBERT MATHIELL-FAVIER, A FRENCH ENGINEER, FILED PLANS FOR A 10-MILE TUNNEL FROM DOVER AND A 10-MILE TUNNEL FROM CAP GRIS NEZ, THAT WOULD MEET AT AN ISLAND IN THE CHANNEL--BUT THAT WAS AS FAR AS THE IDEA WENT. IN 1881, TWO COMPANIES, ONE FRENCH AND ONE BRITISH, ACTUALLY DRILLED TUNNELS, EACH MORE THAN ONE MILE LONG, UNDER THE CHANNEL, BUT OPERATIONS HALTED WHEN SOME ENGLISHMEN FEARED THEIR COUNTRY COULD EASILY BE ATTACKED FROM THE CONTINENT.





THE UNDERWATER "SPACESHIP"

ROAMING the ocean floor this very mintite is a fantastic vehicle that has been described as an underwater spaceship. It is the first device that can carry a party of oceanfloor explorers to the mysterious underwater world, in depths that have never been explored before.

Up until very recently, scientists were resigned to the possibility that we would most likely be exploring the surface of the moon even sooner than the ocean floor.

It may come as a surprise to many people that man has visited only a little over one-fourth of the earth's surface. This is so because three fourths of our planet is almost completely under water. All we know for sure is that this undersea area consists of valleys as wide as all our continents put together, gigantic chains of mountains considerably higher than the Himalayas, and sprawling river beds that stretch out over hundreds of miles.

Doly two percent of the ocean floors have been mapped. The mysterious ninety-eight percent remaining makes up the mysterious "inner sphere," as it has been called. In this sunless world, where the atmosphere has been replaced by the "hydrosphere," explorers are now venturing in quest of treasures and scientific knowledge.

The new undersea craft is a French ship called the Archimede. Built on the principle of the bathyscaph, it is the second French vessel of its kind.

To fully understand the design, consider what would happen if you took a corked bottle, attached a heavy rock to it, and dropped it in the sea. You know that at a certain depth, the bottle walls would be unable to withstand the pressure of the water on the outside, and would collapse.

Now, take that same bottle and fill it with gasoline, which is 30 percent lighter than water. What happens then? Well, at a certain depth it will collapse also because the pressure of the water without will rise, while the pressure of the gasoline within will remain the same as it was on the surface.

But, suppose we took care that the bottle's neck was dropped into the water, its neck facing down, and the bottle left uncorked, what would happen? Being lighter than water, the gasoline will remain in the container. But with the pressure mounting, sea water would enter through the neck and begin to compress the gasoline. And as the pressures from within and without remained equalized, even at the greatest depths, the walls of the bottle would remain undamaged.

It was the Belgian physicist, August Picard, who applied this ingenious principle to his early bathyscaph. Instead of a bottle, of course, Picard used a gasoline-filled hull made of thin sheet metal, with openings at the bottom. Instead of the rock, several tons of detachable iron ballast were held in place by an electrically operated magnetic device. The cabin was placed underneath the hull inside a strong steel sphere.

Prior to the construction of the new Archimede, the largest bathyscaph ever built was the U.S. owned Trieste, built for us by Jacques Picard, son of the inventor, in Italy. It was in an undersea voyage in this earlier ship that men got their first view of the deeps, in the famous Marianas Trench, off Guam—a depth of almost 36,000 feet.

The new undersea spaceship is far more rugged than the earlier model. Thanks to the addition of another propeller, more powerful electric batteries, steel walls twice as thick, the Archimede is far more maneuverable, being able to dive and rise along inclined ocean-floor paths, to turn around its vertical axis and to roam freely along the ocean floor. Its three special portholes, provided with fantastic optical systems, will enable the explorers to photograph scenes never before seen.

As we pointed out, the Archimede is on an exploration this very minute, and who knows what strange mysteries it will unveil, and what fantastic stories its hardy explorers will bring back!











THE FANTASTIC ROBOT IS ABOUT TO TEST ITS DESTRUCTIVE POWER ON THE COTTAGE, WHEN...



























T. Michael





























































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