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News of the Day
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THE VANGUARD'S TRIUMPH!

This is the six-inch, three-and-one-fourth pound Navy moon - those rectangular "windows" are solar batteries drawing energy from the sun to power one of the satellites two radios. And this is how the historic climb is made St. Patrick's Day morning, when a bit of the luck of the Irish perhaps is there to nudge the mighty Vanguard rocket, which hard-working scientists and technicians have given "their all". Anyway, the green light is flashed at Cape Canaveral - the slender rocket painted gray-green, its nose cone imprinted with "have ball - will orbit" ready after frustrating setbacks for the supreme effort to launch the free world's second man-made satellite.

At 7:16am the 72-foot Vanguard - fire belching from its tail - begins the awesome climb.

A familiar sight, you say? Not if you're on the Navy team which has been waiting, waiting. Clear skies, little wind - and you might have known there are those who are ready to nickname the new satellite Shamrock the First. By any name, a Yankee Doodle triumph - highest flying, fastest moon in orbit.

In Washington, at the Vanguard Computing Center, Navy scientists and IBM mathematicians make calculations of the earth circuits - one every 135 minutes. The orbit is so ideal that the test satellite may travel through space for 5 to 10 years.

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