FIRST ATOM SUBMARINE

60-days locked inside ~~the first atom-driven~~ a submarine was the ~~mm~~ test endured by 23 U.S. Navy volunteers. The atomic engines ~~don't~~ now being built for a sub don't use up oxygen so undersea vessels so equipped ~~can~~ will be able to stay long periods under water without harming the crew. All kinds of physical tests were made to see how the men stood up to the ordeal. The experiment was highly important to the Navy. Ordinary submarines have to come up for air and while on the surface can be spotted by ~~mmmmmmmm~~ bombers. Those able to submerge a long time will be far more deadly. The volunteers were none the worse apparently. They came up the hatch and it wasn't long before they were saying, Down the hatch.

March 31, 1953

Music: Prelude - Sub Command - pn 651
Home Again - (Sub Command) PN 652
Sub Sails (Sailor Beward) PN 708
Klein
Joyce
Non
Issue #65

"OPERATION HIDEOUT" 60 DAYS LOCKED INSIDE A SUBMARINE!

Submarine of the Atomic Age — their nuclear engines requiring no oxygen — will be capable of submerging indefinitely. Can crews of atomic subs go without fresh air, even for months? Docked at Groton, Connecticut, the submarine Haddock, has aboard twenty-three volunteers, sealed inside for sixty days, breathing air that's super-charged with carbon dioxide. Looks like they're taking it easy, but actually they're being subjected to some of the toughest duty in the Navy. For behind the rest and quietude, are daily mental and physical exams - thoughts, actions, desires and physiological reactions recorded, tested, checked and double-checked. Animals help in the tests, but it's the men who take the brunt of Operation Hideout....two months of living like sardines! Finally, it's time to come out... and the experiments prove that long periods of submersion can be accomplished; and that the amount of carbon dioxide inside a submarine can be controlled. Findings made possible by these Atomic Age Navy pioneers!