## 44—Lancaster Farming, Saturday, April 28, 1973

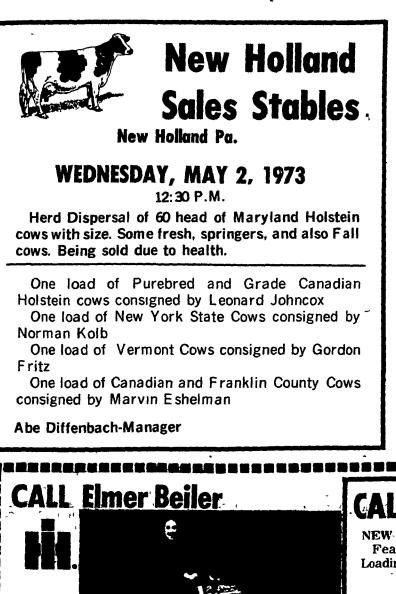
## New Space Retriever Grabs Orbiting Junk

A new satellite retrieval package has been designed to capture space pollution out of orbit. There are about 2,600 objects now orbiting the earth, cast-off rocket stages, payloads, adapters, and satellites that no longer work, according to Dr. Marshall Kaplan of Pennsylvania State University.

The proposed space package would consist of a huge metal ring (14 feet across) attached to a tender bearing the brains of the retriever. TV cameras on the tender would align the retriever with

its target's axis of spin, and optical devices would show how fast the target was spinning.

By remote control the ring would be rotated until it was spinning as fast as the target. Four mechanical arms would reach out and capture the target, which would be despun and returned to the shuttle for docking. Retrieved satellites might be repaired and returned to orbit. Or retrorockets might be attached to stop them so they would fall into the earth's atmosphere and burn up.









Talk.

Type.

If you can spend some time, even a few hours, with someone who needs a hand, not a handout, call your local Voluntary Action Center. Or write to: "Volunteer," Washington, D.C. 20013 We need you.

The National Center for Voluntary Action.



Hug.

Tutor.

