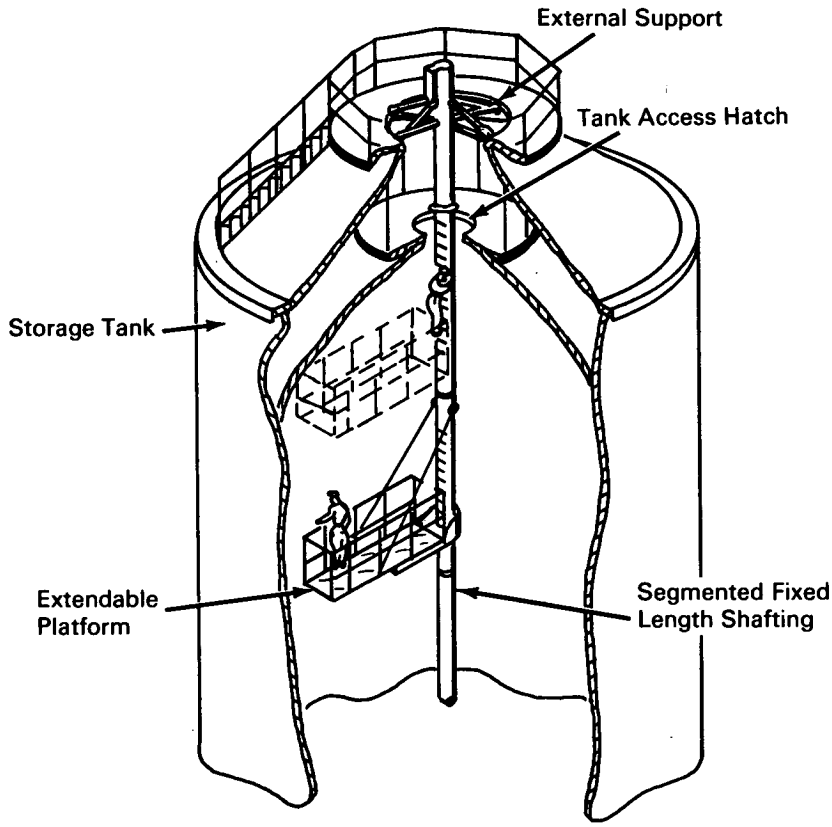
NASA TECH BRIEF

Interior Servicing Platform Simplifies Maintenance of Storage Tanks



The problem:

To develop equipment for servicing the interiors of storage tanks and vessels with limited access openings.

The solution:

An externally supported, segmented fixed length shaft with a folded work platform that can be lowered through limited access openings.

How it's done:

The extendable platform is mounted on a segmented shaft, with the platform capable of movement along and about the shaft. The shaft is inserted through the top access hatch and the upper end is fastened to external supports. The work platform is remotely actuated to an expanded horizontal position and raised to allow workmen to board the platform. A

(continued overleaf)

small control console on the platform enables it to be maneuvered to all points within the storage tank or vessel. The unit is electrically powered and provides adequate lighting, communications, accessory power outlets, and work space with handrail protection.

Note:

Inquiries concerning this innovation may be directed to:

Technology Utilization Officer
Marshall Space Flight Center
Huntsville, Alabama 35812
Reference: B66-10425

Patent status:

No patent action is contemplated by NASA.

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