

Emergency Systems Save Tens of Thousands of Lives



Goddard Space Flight Center

**Techno-Sciences Inc. (TSi)
Beltsville, MD**

NASA Technology

- ◆ Following an Alaskan plane crash that killed two congressmen, Congress directed that better technology for distress calls be developed.
- ◆ In 1982 the SARSAT satellite tracking system went online, and in 1985 countries around the world organized into a system called Cospas-Sarsat.

Technology Transfer

- ◆ TSi was contracted to develop the ground stations that receive beacon location transmissions from the GPS satellites.
- ◆ The company's work with NASA has allowed it to compete in the global market of search and rescue components.



Benefits

- ◆ TSi has built ground stations in 19 countries for a variety of organizations.
- ◆ The technology was instrumental in the high-profile rescue of 16-year-old Abby Sunderland, who in 2010 attempted to become the youngest person ever to sail solo around the world.
- ◆ To date, over 30,000 people have been rescued.