

**Dr. Tony England \*WØORE\*** Born Anthony Wayne England 15 May 1942 in Indianapolis, Indiana and calls hometown West Fargo, North Dakota. He is married to the former Kathleen Ann Kreutz and have two daughters. His recreational interests include sailing and amateur radio.



Doctor England attended primary school in Indianapolis and graduated from high school in North Dakota. He received his bachelor and master of science degrees in Earth and Planetary Sciences in 1965. A doctor of philosophy in Earth and Planetary Sciences in 1970. All 3 degrees earned at MIT.

Tony was the second U.S. Astronaut to ever use Amateur Radio in space.

After a meritorious career he retired from NASA in 1988 after logging 188 hours in space. England 62, now is Associate Dean for Academic Affairs for the University of Michigan, College of Engineering as well as a professor of electrical engineering and computer science and professor of atmospheric, oceanic and space sciences. Tony attained the rank of Major General in the USAF.

The IEEE elected a Fellow, none other than WØORE Tony England! His awards are many and varied. Those that have had the special experience to have worked him from space are still honored and feel fortunate to have met him over the air.

Tony helped develop and use radars to probe the Moon on Apollo 17 and glaciers in Washington and Alaska. He also participated in and led field parties during two seasons in Antarctica. He was Deputy Chief of the Office of Geochemistry and Geophysics for the U.S. Geological Survey and Associate Editor for the Journal of Geophysical Research. He served on the National Academy's Space Studies Board and on several Federal Committees concerned with Antarctic policy, nuclear waste containment and Federal Science and Technology.



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