

3Z5ØSPU

Polish Amateur Radio Station

*On October 4, 1957
the Soviet Union
successfully launched
the SPUTNIK-1.
The world's first
artificial satellite.
It made the start
of the space age.*



1957 - 2007
50-th ANNIVERSARY OF SPUTNIK-1
AND THE SPACE AGE

POLAND'S CONTRIBUTION TO SPACE EXPLORATION:

60'ty construction of small Meteor rockets (reaching a ceiling of 100 km) for meteorological study of the atmosphere

1967 - Poland starts participation in the INTERKOSMOS program

1970 - first time a Polish-built scientific instrument was launched into space with a Vertikal-1 missile

1973 - first Polish orbital experiment was carried aboard the Interkosmos-Kopernik 500 satellite (commemorating the 500th anniversary of Nicolaus Copernicus's birth)

1977 - Space Research Centre, Polish Academy of Sciences starts its activity [<http://www.cbk.waw.pl>]

1978 - Poland's first (and so far only) astronaut Mirosław Hermaszewski spent several days on board the Salut 6 orbital station

1984 - VEGA mission to Halley Comet

1997 - Cassini mission one of its key elements involved landing the Huygens probe on the surface of Titan, Saturn's largest moon

2002 - INTEGRAL high-energy astrophysical laboratory launched into Earth orbit, designed for studying the most mysterious objects in the Universe (such as neutron stars, supernovae, black holes, active galactic cores)

2004 - the Mars Express probe for observing and measuring the atmosphere and surface of Mars

2004 - the Rosetta probe launched to study the comet 67P/Churyumov-Gerasimenko - in 2014

2007 - "European Cooperating State Agreement Between the European Space Agency and the Government of the Republic of Poland" into the special Programme for European Cooperating States (PECS).

2008 - instruments for planned HERSCHEL mission

Space Research Centre, Polish Academy of Sciences participates in building instruments for 60 others space experiments or is active membership in GMES and GALILEO programs.

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RIG: IC-718, IC-M710, FT-847
ANT: G5RV, LG 40m, 2m & 70cm Yagi
LOC.: JO94DM, WAZ: 15, ITU: 28

3750SPU

Special event station to commemorate 50-th anniversary of SPUTNIK-1 and the Space Age, operated since 4 till 31 October 2007

PSE QSL DIRECT OR QSL BUREAU (VIA SQ2RH)

Sputnik-1 was about the size of a basketball, weighed only 84 kg, sphere about 0,6m in diameter. It took about 98 minutes to orbit the Earth on its elliptical path. It traveled at 29,000km per hour and emitted radio signals at 20.005 and 40.002 MHz. After traveling about 60 millions km and spending three months on orbit it burned up in Earth's atmosphere on 4 January 1958. Sputnik-1 enters orbit, opened the Space Age.

CFM QSO with:

Date	UTC	Band	Mode	RST

The front page, view of Earth based on photo no. P-044-14455 made during KAGUYA mission, delivered by JAXA/NHK.

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