

IAC-21,E8,1,1,x66617

Creating Polish space language dictionary – lessons learned

Adam Dąbrowski^{a*}, Marek Moszyński^b

^a *Institute of Mechatronics and Machine Construction, Faculty of Mechanical Engineering and Ship Technology, Gdańsk University of Technology, ul Gabriela Narutowicza 11/12 80-233 Gdańsk, Poland adadabro@pg.edu.pl*

^b *Polish Space Agency, ul. Trzy Lipy 3, 80-172 Gdańsk, Poland Marek.Moszynski@polsa.gov.pl*

* Corresponding Author

Abstract

Polish space industry suffers from lack of space vocabulary. Since joining European Space Agency in 2012, the sector has expanded rapidly now employing over 1000 specialists focusing mainly on space sustainability, space debris detection and tracking, robotics and propulsion systems. The Polish Space Agency together with The Polish Committee for Standardization have committed to creating the first lexicon of space language, along with definitions and even standards. Such tool will be used both in daily work of the industry as well as in teaching students and young professionals. This paper presents a unique challenge of creating a space wordbook from scratch with proper care for a language maintaining habits already established in the country. The task of the Polish Space Agency is to support the Polish space industry by combining the world of business and science. An important aspect of the Agency's activity is to promote the development of satellite technology that can be used in everyday life, including communication, navigation, environmental monitoring and weather forecasting. The Polish Committee for Standardization (Polski Komitet Normalizacyjny – PKN) is a national standards body responsible for the organization of standardization activities. The PKN is not a government agency, but a body governed by public law.

Keywords: language, standardization, space engineering, Polish Space Agency, Polish Language