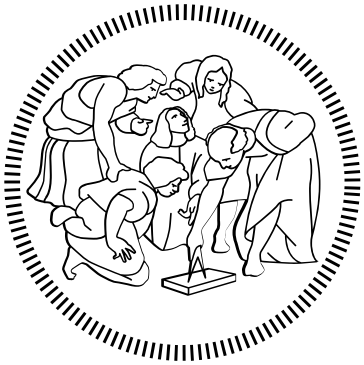

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Reverse Engineering of Juno Mission

Homework 3

Course of Space System Engineering & Operations
Academic Year 2023-2024

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Contents

Notation

TMTC	Telemetry and Telecommand	**TLGA**	Toroidal Low Gain Antenna
HGA	High Gain Antenna	**ALGA**	Aft Low Gain Antenna
MGA	Medium Gain Antenna	**FLGA**	Forward Low Gain Antenna
LGA	Low Gain Antenna	**SYM**	Symbol description[1]

1 TMTC architecture

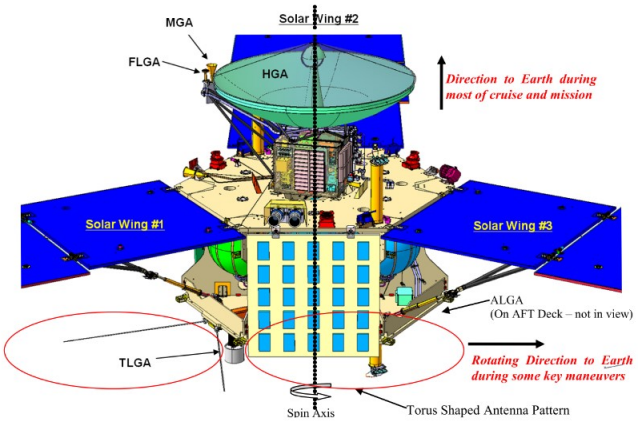

Figure 1: Location of telecommunication antennas

2 Rationale of TMTC system

3 Sizing of TMTC system

Bibliography

[1] Richard Grammier. *Overview of the Juno Mission to Jupiter*. Site: https://www.jpl.nasa.gov/missions/juno. 2006.