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Station performance of the Sazhen-TM system (HRTL7503) at Hartebeesthoek

Roelf Botha[1], Natalia Parkhomenko[2], Sergey Martynov[2] and Andrey Pavlov[2]

[1]Hartebeesthoek Facility, South African Radio Astronomy Observatory, roelf@hartrao.ac.za, http://www.hartrao.ac.za
[2]Joint-stock Company "Research-and-Production Corporation "Precision Systems and Instruments"

The Sazhen-TM system at Hartebeesthoek was officially opened during 2017 and reached full operational status during 2018. Various operational aspects and tracking strategies have been adjusted and is under continued evaluation towards increasing the system's data output (quantity and quality). An overview of the operational aspects, tracking strategies, data yield statistics and system accuracy are presented.

Shift Schedule

Contracted workers make up the bulk of the shift work and are indicated A, B, C, D. Bursary holder E provides the 'buffer' shifts to fill in unassigned time blocks and leave periods of A - D.

Week #		Sun	Mon	Tue	Wed	Thu	Fri	Sat
x	Morning	A	A	A	C	C	C	A
	Afternoon	B	B	B	D	D	D	B
x + 1	Morning	A	A	C	C	C	A	A
	Afternoon	B	B	D	D	D	B	B
x + 2	Morning	A	C	C	C	C	A	D
	Afternoon	B	D	D	D	B	E	E
y = x + 4	Morning	B	B	B	D	D	D	B
	Afternoon	C	C	C	A	A	A	C
y + 1	Morning	B	B	D	D	D	B	B
	Afternoon	C	C	A	A	A	C	C
y + 2	Morning	B	D	D	D	D	B	A
	Afternoon	C	A	A	A	C	E	E

Priority list

A custom priority list is utilised:

- GLONASS and other Russian targets
- Special missions
- ILRS priority list

Statistics

Operational and data yield statistics for the period January - September 2018 is presented on the right.