

UPGRADE HARDWARE & SOFTWARE GOLOSIIV STATION 1824

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HARDWARE

NEW



- epoche gate 40ns step
- GPS synchronisation time
- internal watch 40ns resolution
- control SAT/target
- there are using interval & epoche timers
- USB/UART interface



Event timer
resolution 1ps
LPT interface



Automation positioning system
for internal calibration
Remout control
(1s< switching time)

OLD



Interval gate 2mks step
parallel interface
DOS operation system
(needs ISA-bus)



Time interval counter A033
resolution 35ps
GPIB/COM interface



Manual positioning
system for internal
calibration

Switching time ~1min

NEW SOFTWARE FOR
- AUTOMATION CALCULATE THE EPHEMERIDES
- ARCHIVING OLD DATA
- COPYING AND FILTERING CALIBRATIONS
- COPYING OBSERVATIONS

LOCAL NETWORK +

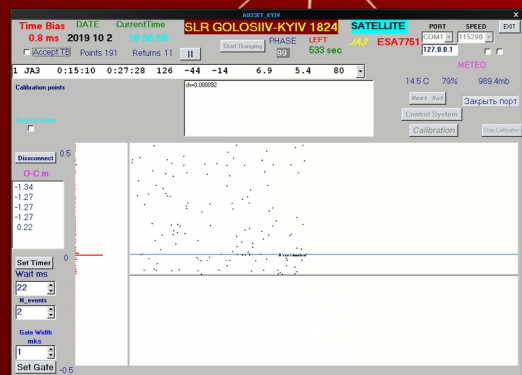


PC4
LASER CONTROL



PC5
TELESCOPE
CONTROL

RANGING



TIME CONTROL



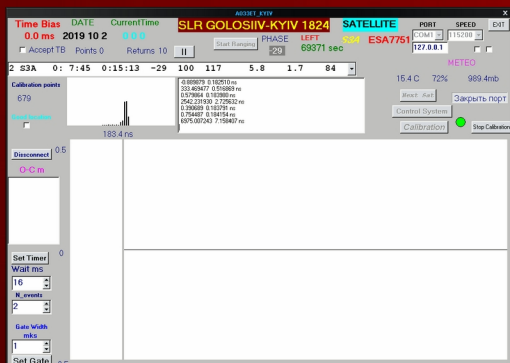
CONTROL THE
DIFFERENCES
BETWEEN TWO CLOCKS

TIME FOR
TELESCOPE

TIME FOR
RANGING
GATE

TWO
INDEPENDENT
CLOCK

CALIBRATION



NEW METEO SERVICE
FULL AUTOMATION

OLD METEO SERVICE
DATA WRITTEN FROM
SCREEN MANUALLY

ADS-B

