

NAVIGATOR-2: INITIALIZATION – RUNNING - SERVICE FOR DETECTOR AND READER OF TELESCOPE SITE

View and description of operations for the initialization and a running of sensor and tracer of site: NAVIGATOR-2
Numbering of acts agree with succession item MENU in reality and according to document FLOW CHART MENU.

1. SYSTEM START-UP at first closing

ACT NAVIGATOR-2	buttons	state	LCD	comment
(0) Resetting system	RESET	starting	NAVI-2	set startup system or after reset to button RST
(0) Passage to the MENU	ESC-VAL-ENT	layer 1	NAVI-2	selection item from MENU Flow Chart
(11) Resolution RA DE	VAL-POS-ENT	layer 1 > 2 > 3	ENC RES	setting a limits of number of pulses generated by DSC
(7) coordinate of initialization	VAL-POS-ENT	layer 1 > 2 > 3	SET 1OBJ	setting the coordinates RA, DE for one object or else
(8) coordinates of initialization	VAL-POS-ENT	layer 1 > 2 > 3	SET 2OBJ	alternatively setting the coordinate RA, DE two objects
(6) Timing axes RA	VAL-POS-ENT	layer 1 > 2	RA CLOCK	up: ON / switched-out: OFF
(9) SAVE / LOAD	VAL-POS-ENT	layer 1 > 2	LOGGING	read / storage bootleg program from / to the EEPROM

On act of initialisation connect standard mode running in accordance with MENU item Nos . (1), (2) eventually (3) without PC or (5), (4) in cooperation with PC.

2. SYSTEM START-UP at follow-up closing or after a reset of push button

If system contains in EEPROM stored data from before on startup device with data from EPROM introduce on LCD display "OK" > "S LOADED"

3. STANDARD RUNNING WITHOUT PC

ACT NAVIGATOR-2	buttons	state	LCD	comment
(1) Reading of RA, DE	VAL-ENT	layer 1 > 2 > 3	TRACK	scan a position and display current values RA, DE
(2) Reading of RA, DE	VAL-ENT	layer 1 > 2 > 3	FIND OBJ	searching the objects by setting the coordinates RA, DE
(3) Synchronizing RA, DE	VAL-ENT	layer 1 > 2 > 3	SYNC OBJ	corrections coordinate RA, DE based on actual position

4. STANDARD RUNNING WITH COACTION OF PC

ACT NAVIGATOR-2	buttons	state	LCD	comment
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Effected oneself act of initialization according to paragraph 1.

In PC is on-installed SW SKYCHARTS, port COMX is initialized. Go on with act (5).

(5) Not displays RA, DE	VAL-ENT	layer 1	NAVI-1	simulation of periphery NAVI-1 with SW SkyCharts
(4) Displays RA, DE	VAL-ENT	layer 1	PC LINK	running NAVI-2 with PC together with SW SkyCharts

5. TEST MODE

ACT NAVIGATOR-2	buttons	state	LCD	comment
(10) Setting of Time, Date	VAL-POS-ENT	layer 1>2 >3>4	TIME	DISPLAY/ SET TIME/DATE with the buttons FUNC_X, _Y
(11) Setting a nb of pulses	VAL-POS-ENT	layer 1>2 >3>4	ENC RES	adjust the known value of the number of pulse on 360°
(12) Reading a nb of pulses	VAL-POS-ENT	layer 1>2 >3>4	INDEX	obtain the number of pulse generated on 360°
(13) Resetting coordinates	VAL-POS-ENT	layer 1>2	CLR DSC	reset the counters of coordinates RA, DE

Comments: