

Table 1. Information display systems (IDS) for piloted Soviet spacecraft. Unless otherwise noted, all IDS were designed by the Specialized Experimental Design Bureau of Space Technology (SOKB KT).

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No.	Spaceship or space station	Code name	Components and features
1	Vostok (1) (3KA)	SIS-1-3KA	instrument board PD-1-3KA combined current/landing location display (<i>Globus</i>) combined time/regime display control panel PU-1-3KA with a digital lock attitude hand controller RU-1A
2	Vostok 2 (3KA)	SIS-2-3KA	instrument board PD-2-3KA with modified <i>Globus</i> control panel PU-2-3KA without a digital lock attitude hand controller RU-1B
3	Voskhod (1) (3KV)	SIS-3-3KV	instrument board PD-3-3KA control panel PU-3-3KA attitude hand controller RU-1B
4	Voskhod 2 (3KD)	SIS-4-3KD (<i>Stvor</i>)	SIS-3-3KV display system airlock control panel in landing module PSA-4-3KD airlock control panel in airlock PShK-4-3KD
5	Voskhod 3KV-6	SIS-5-3KV	IDS implements the matrix method of control object selection (the command-signal field) with command-information compression. IDS uses an electroluminescent display in the command-signal field, a new navigation display, and push-button controls.
6	Mars mockup	<i>Zvezda</i>	IDS implements a plasma display and a voice information system.
7	NEK (Scientific- Experimental Complex)	<i>Ekran</i>	IDS includes central and peripheral control stations with <i>Zvezda</i> -type panels.

8	Soyuz 7K (11F615)	<i>Sirius-7K</i>	instrument board with CRT display left-side and right-side command-signal devices left-side finger controller for propulsion motion right-side finger controller for attitude control
9	<i>Zond</i> (L1) (11F91)	<i>Saturn</i>	landing module control panel with two command-signal fields onboard computer linkage
10	N1-L3 (11F93)	<i>Uran</i>	return module control panels PSA-1 and PSA-2 with digital controls
		<i>Orion</i>	approach and docking control panel PSB-1 finger controllers for approach and docking of LOK and LK
		<i>Luch</i>	lunar landing module control panel PLK-1 finger controllers for lunar landing
11	Soyuz-A8 (11F615)	<i>Sirius-A8</i>	modified version of <i>Sirius-7K</i>
12	<i>Soyuz-Apollo</i>	<i>Sirius-M</i>	modified version of <i>Sirius-A8</i>
13	<i>Salyut-1/4/6/7</i> (DOS 17K)	<i>Sirius-17K</i>	modified version of <i>Sirius-A8</i> autonomous approach control panel PAS-1 EVA control panel POV-1
		<i>Mirzam-17K</i> (on <i>Salyut-6/7</i>)	PODU-1 and PODU-2 control panels for fueling the unified propulsion unit (ODU)
14	<i>Salyut-2/3/5</i> (Almaz, 11F71)	<i>Mars</i>	command-signal unit central station pilot control panel PPR-1 photo and TV equipment control panel PFT-1 attitude finger controller radio communications control panel PSR-1 airlock control panel PPSHO-1 onboard information retrieval system BIPS onboard computer complex control panel DISK-1A
15	Transport supply ship (TKS) for Almaz (11F72)	<i>Yupiter</i>	cargo compartment control panel PGO-1 three telescopic finger controllers for propulsion motion and attitude control aircraft-style porthole above the control panel
	Return module (VA) of the Almaz complex (11F73)	<i>Ikar</i>	control panels PVA-1 and PVA-2 communication control panel PSV

16	<i>Mir</i> Orbital Station	<i>Pluton</i> <i>Mirzam-1A</i> <i>Simvol</i> <i>Stek</i> <i>Strela</i>	signal control panel PKS command entry panel PVK emergency warning signal subsystem panel PAPS parameter control panel PKP control panels for fueling the unified propulsion unit (ODU) EVA control panel POV onboard guidance computer interface* information and control complex panel** information retrieval system**
17	<i>Mir</i> modules (<i>Kvant, Spektr</i> <i>Priroda, Kristall</i>)	<i>Merkuriy</i>	unified panels for controlling equipment regimes, command entry, parameter monitoring, and emergency warning signaling
18	Soyuz-T	<i>Neptun</i> <i>Simvol</i>	two command-signal control panels KSP video monitor with a scale unit manual information input panel PRVI onboard guidance computer interface*
19	Soyuz-TM	<i>Neptun-M</i> <i>Simvol</i>	two command-signal control panels KSP video monitor without a scale unit manual information input panel PRVI onboard guidance computer interface*
20	Buran	<i>Vega-1</i> <i>Vega-2</i> <i>Vega-3</i> <i>Vega-4</i> <i>Vega-5</i> <i>Adonis</i>	commander's workstation RM1 pilot's workstation RM2 flight engineer's workstation RM3 approach and docking control panel RM4 robotic arm control panel RM5 payload control panel RM6 airlock control panel PShK docking module control panel PSM crew compartment control panel PBO piloting and navigation display system workstation/computer interface US3-Disk
23	Soyuz-TMA	<i>Neptun-ME</i> <i>Simvol</i>	integrated control panel with two displays and three computer processors separate system for human-computer interface onboard guidance computer interface*

* Designed by the Scientific-Research Institute of Radio Construction (NIIR), later the Scientific-Production Association Fazotron.

** Designed by the Research and Production Association ELAS.

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InPU
(Integrated
Control
Panel)

integrated control panel with VGA monitor
hardware and software-compatible with IBM PC
emergency warning signal system panel PSS
EVA control panel POV