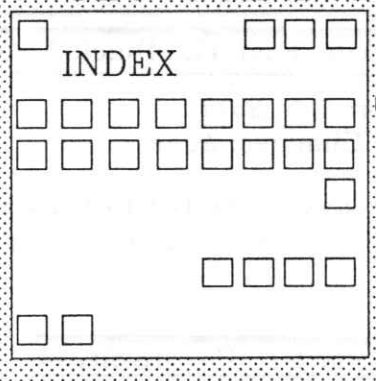
Index Panel

SLC Control Program



Slac's Software Engineering newsletter

January 11, 1989 | All That Fits is News to Print | Vol. 3, No. 1

HELP Files

December 19, 1988

Author: *Rudy Wong* | **Subsystem:** *SCP* | **User Impact:** *Small*
Panel Changes: *None* | **Documents:** *No* | **Help File:** *None*

In the past, only the first page of the HELP file on a button could be displayed on the SCP when the "HELP" button was selected. Now you can access the other pages of the HELP text if they exist. Just use the paging buttons—FRSTPAGE, LASTPAGE, PREVPAGE and NEXTPAGE, along with the selection of the "HELP" button. Of course, you will no longer be able to get the HELP text for these paging buttons.

Feedback

December 19, 1988

Author: *Rudy Wong* | **Subsystem:** *SCP* | **User Impact:** *Small*
Panel Changes: *Two* | **Documents:** *No* | **Help File:** *None*

Due to the implementation of various new Feedback loops, the Feedback Group Selection Panel is running out of button space. To alleviate the problem, a new Fast Feedback Group Panel has been created. This new FFBK panel may be accessed from the regular Feedback Group Selection Panel.

The regular Feedback Group Selection Panel has also been rearranged to resemble the configuration of the accelerator for easier operation.

Klystron Drive Request Check

December 19, 1988

Author: *Bob Hall* | **Subsystem:** *SLC* | **User Impact:** *Small*
Panel Changes: *None* | **Documents:** *No* | **Help File:** *None*

A check is made to prohibit the changing of the drive request value (database parameter DRVR) from the klystron panel if the klystron station is both a pulsed drive klystron, and is in the "Auto Saturate Disabled" state. If both conditions exist, the message "* * *Cannot update DRVR with PAU and Auto Saturate Disable" will appear.

Klystron Fast Feedback Line

December 14, 1988

Author: *Bob Hall* **Subsystem:** *SLC* **User Impact:** *Small*
Panel Changes: *None* **Documents:** *No* **Help File:** *None*

A line showing the fast feedback phase value will appear just below the heading on a klystron Phase or Sector display if the station has additional phase control and readback (i.e. fast feedback).

Off-Axis Profile Monitors

January 1, 1989

Author: *Ken Underwood* **Subsystem:** *Profile Monitors* **User Impact:** *Small*
Panel Changes: *Many* **Documents:** *None* **Help File:** *None*

The off-axis profile monitors have analog controls for the X and Y target position. Each profile monitor has its own touch panel with select buttons for X or Y. There is some danger that a user will push the "TRIM" button without selecting X or Y first. This causes a trim of all "AMPL"s in that micro.

Individual touch panels have been modified to provide explicit selection of the X or Y target positioning for entry of "VDES" and "TRIM" functions,

ENTER X POS-TION	TRIM X POS-TION	ENTER Y POS-TION	TRIM Y POS-TION

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SLC COMMISSIONING CALENDAR †

	THURSDAY Jan. 12	FRIDAY Jan. 13	SATURDAY Jan. 14	SUNDAY Jan. 15	MONDAY Jan. 16	TUESDAY Jan. 17	WEDNESDAY Jan. 18
OWL	NPI e^- →ESA →SPEAR (Interlaced)	e^- →ESA →SPEAR	e^- →ESA →SPEAR	e^- →ESA →SPEAR	e^- →ESA →SPEAR	e^- →ESA →SPEAR	e^- →ESA →SPEAR
DAY	DBGEN NPI e^- →ESA →SPEAR (Interlaced)	"	"	"	"	"	"
SWING	NPI e^- →ESA →SPEAR (Interlaced)	"	"	"	"	"	"

ESA E = 2.0 GeV @ Startup 110 Hz. E = (2, 1.5, 2.5, 3, 3.5, 4, 6, 10).
SPEAR-SSRL E = 2.35 GeV. Machine Physics w/ frequent fills to 1/23. 10 Hz.

No Maintenance down day until ~ 1/25.

† This calendar is provided for informational purposes only. Neither the Software Engineering Group nor the SLC management accept any responsibility for its accuracy. Schedule subject to change without notice. All departures are from NPI at 120 times per second.