



Sinneslöschen

SYSTEMS CORPORATION

INTERNAL ENGINEERING RECORD

PB-81 Configuration Index

Laboratory and field configuration control record

Record: 81-PB-02
Project: PB-81
Revision: B
Date: September 4, 1981
Archive Status: TRANSFERRED

ARCHIVE NOTICE

Electronic archive copy of the surviving PB-81 configuration index. Configuration identifiers and revision references reproduce the 1981 source index. This record identifies configurations; it does not contain project software or complete service records.

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1. Index Conventions

This index identifies PB-81 engineering configurations and principal hardware, timing, operator-interface, software-media, and service references. A configuration entry is valid only when all required identifiers are recorded.

Code	Meaning
CFG	Configuration identifier
CTRL	System controller revision
VDP	VDP-3 hardware revision
DIF	Display interface revision
CRT	Technical CRT assembly identifier
OIF	Operator interface revision
TIM	Approved timing-set identifier
PRG	Program-media revision
SRV	Service / diagnostic configuration

- ENGINEERING - laboratory development or integration use.
- EVALUATION - controlled laboratory or field evaluation.
- CLOSED - configuration no longer scheduled for active evaluation.
- HOLD - retained pending engineering or service action.
- FIELD EVALUATION COMPLETED - field use concluded; disposition controlled separately.

2. Configuration Summary Matrix

CFG	Purpose	CTRL	VDP	OIF	PRG	Status
1	Engineering development	C2	V3-B	O1	P1.3	CLOSED
2	Human factors / interface evaluation	C2	V3-B	O2	P2.1	CLOSED
3	Display-system field evaluation	C3	V3-C	O3	P2.4	FIELD EVAL. COMPLETED
3A	Service substitution record	C3	V3-C	O3	P2.4	CLOSED
TEMP	Additional indexed field references	var.	var.	var.	var.	INDEX REFERENCES

The TEMP entry represents additional temporary field references present in the source index. Complete configuration sheets for those references are not part of the transferred electronic record.

- PB-81 modified system controller family.
- VDP-3 display-processing hardware.
- Technical CRT display with project-specific timing.
- Project operator interface and synchronized input recording.
- Removable program media.
- Serial service interface.

3. Configuration 1 - Engineering Development

Item	Recorded configuration
Location	Sunnyvale Research & Development Center
Use	Initial subsystem integration and engineering development
Controller	CTRL-C2
VDP-3	VDP3 Rev. B
Display interface	DIF-1B
CRT assembly	CRT-T14 / technical laboratory display
Operator interface	OIF-O1 / bench control assembly
Timing set	TIM-1.7
Program media	PRG-P1.3
Service interface	SRV-L / local engineering service
Final status	CLOSED

- Used for controller/VDP-3 integration and event-recording validation.
- Bench controls are not representative of later field configurations.
- TIM-1.7 is valid only with the listed CRT and display-interface revision.
- Program media P1.3 supersedes earlier integration media not retained in this index.

4. Configuration 2 - Interface Evaluation

Item	Recorded configuration
Location	Sunnyvale Research & Development Center
Use	Human-factors / operator-interface evaluation
Controller	CTRL-C2
VDP-3	VDP3 Rev. B
Display interface	DIF-1C
CRT assembly	CRT-T14B
Operator interface	OIF-O2 / synchronized response assembly
Timing set	TIM-2.3
Program media	PRG-P2.1
Service interface	SRV-L / local engineering service
Final status	CLOSED

- Configuration uses synchronized input recording and external event-trigger capability.
- Operator-control geometry is controlled by the applicable test record.
- Program media P2.1 requires OIF-O2 response-input mapping.
- No field deployment is recorded for Configuration 2.

5. Configuration 3 - Field Evaluation

Item	Recorded configuration
Service office	Northwest Field Operations - Beaverton, Oregon
Use	Display-system field evaluation
Controller	CTRL-C3
VDP-3	VDP3 Rev. C
Display interface	DIF-2A
CRT assembly	CRT-F15
Operator interface	OIF-O3 / field control assembly
Timing set	TIM-3.2
Program media	PRG-P2.4
Service interface	SRV-R / remote diagnostic capable
Final status	FIELD EVALUATION COMPLETED

- Configuration administered through Northwest Field Operations.
- Field-control assembly differs mechanically from Sunnyvale laboratory controls.
- Remote-service configuration permits approved serial diagnostic procedures through communications equipment.
- Complete installation and return records are controlled by the field-evaluation index.

6. Component Revision Cross-Reference

Identifier	Description	Approved with
CTRL-C2	Development controller revision 2	CFG 1, CFG 2
CTRL-C3	Field controller revision 3	CFG 3 / 3A
VDP3-B	VDP-3 Rev. B	DIF-1B, DIF-1C
VDP3-C	VDP-3 Rev. C	DIF-2A
OIF-O1	Bench control interface	PRG-P1.3
OIF-O2	Response-evaluation interface	PRG-P2.1
OIF-O3	Field control interface	PRG-P2.4
SRV-L	Local serial service configuration	Sunnyvale configs
SRV-R	Remote diagnostic service configuration	Northwest field configs

Revision compatibility is configuration-specific. The same product designation does not establish interchangeability between hardware revisions. Substitutions require an updated configuration entry or service substitution record.

7. Program Media and Service References

Media	Use	Configuration	Status
PRG-P1.3	Engineering integration sequence	CFG 1	SUPERSEDED / INDEXED
PRG-P2.1	Interface evaluation sequence	CFG 2	CLOSED
PRG-P2.4	Field evaluation sequence	CFG 3	FIELD USE COMPLETED
DIAG-D1	Local subsystem diagnostic	CFG 1 / 2	SERVICE
DIAG-R2	Remote-service diagnostic set	CFG 3	SERVICE

- 81-PB-03 - PB-81 Field Evaluation Index.
- 81-PB-04 - PB-81 Service Record; service record indexed separately.
- Remote diagnostic session references are administered by the responsible field-service office.

Program-media contents are not included in this index. Presence of a media identifier confirms only that a revision was recorded for a configuration.

8. Configuration Closure and Archive Notes

Configuration	Closure record
1	Closed after laboratory development activity; retained as engineering reference.
2	Closed after interface-evaluation activity; laboratory hardware available for reassignment.
3	Field evaluation completed; equipment disposition controlled through field records.
3A	Service substitution entry closed after restoration of Configuration 3.
Additional field references	Source index contains references not represented by complete transferred configuration sheets.

This index does not contain a complete final-disposition record for every PB-81 field configuration or temporary installation. Recovery, reassignment, and return information is maintained in field-service records where available.

Transferred under archive record 81-PB. Project software, complete installation records, and service-session files are not included.