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SYMPTOM	INFORMATION GATHERING		MAPPING, FORMATTING, AND PRINTING				PATCHING		
	SADMP	GTF	PRDMP	LIST	EREPO	JOBQD	PTFLE	SPZAP	DIP00
Warm Start Failure	1	—	5c-e	—	—	13	—	19	—
Scheduler ABEND	—	2	6	7,8	—	13	—	19	—
Writer ABEND	—	2	6	—	—	15	—	19	—
Problem Program ABEND	—	4	6	8	—	—	—	19	—
Recursive ABEND	1	2	5a,5c-d,6	8	—	14	—	19	—
Disabled Loop	1	2	5c-e,6	—	—	—	—	—	—
Problem Program Loop	—	4	6	8	—	—	—	—	—
Large Loop with I/O	1	2	5a,5c-e,6b-d	—	—	—	—	19	—
DAR Loop	1	2	5c,5e,6	8	11	—	—	—	22
Hard Wait	1	2	5c-e	7,8	11	—	—	—	22
Enabled Wait	1	2	5b,6	8	11	—	—	—	22
Reader/Interpreter Failure	—	—	—	—	—	13	—	19	—
I/O Failure (e.g. console)	1	3	5a-e,6b-d	—	11,12	—	—	19,21	—
Allocation Failure	1	—	5b-d	8	—	—	—	19	—
Enqueued Job Lost	—	—	—	—	—	15	—	—	—
Chain Scheduler Problem	1	3	5a,5c-e,6b-d	—	—	—	—	—	—
Access Method Failure	—	3	6	—	12	—	—	21	—
Data Management Prgm Check	—	2,4	6	8	—	—	—	—	—
Module Level Unknown	—	—	—	9	—	—	—	20	—
User Modification Unknown	—	—	—	10	—	—	—	20	—
Applying PTF	—	—	—	—	—	—	16	18	—
Applying ICR	—	—	—	—	—	—	17	—	—
Applying Local Fix	—	—	—	—	—	—	16	18	—
APAR Documentation	1	2,4	5a,5c-e,6	9	—	13	—	20	—
Print SYS1.DUMP	—	—	5b-d,6	—	—	—	—	—	—
Capturing System before Re-IPL	1	—	5a-e,6	—	—	—	—	—	—

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## INFORMATION GATHERING

### SADMP

1. Dumps the contents of real or virtual storage to a tape, which can be formatted and printed using PRDMP. (Note that SADMP output may also be directed to a printer.)

### GTF

2. Traces all system events.
3. Traces selected events, such as I/O interruptions, SIO operations, etc.
4. Traces user programs with GTRACE macro instruction.

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## MAPPING, FORMATTING, AND PRINTING

### PRDMP

5. Formats and prints the following from SADMP high-speed output:
  - a. Link pack area.
  - b. Queue control block trace.
  - c. Major control blocks.
  - d. Selected areas of storage by virtual or real address.
  - e. Operating system nucleus.
6. Formats and prints selected records from the GTF trace data set or from trace buffers in a SYS1.DUMP or SADMP output data set. Records are selected by keywords such as:
  - a. JOBNAME
  - b. I/O.
  - c. SVC.
  - d. SIO.

### LIST

7. Lists specific object modules, load modules or load modules in a data set.
8. Maps control sections and overlay structure and lists cross-references within a load module.
9. Lists CSECT identification records for specific load modules.
10. Lists translation data, linkage editor modification data, or SPZAP modifications to control sections in a load module.

### EREPO

11. Selects, formats and prints records from the SYS1.LOGREC data set, by record type:
  - a. Machine check and/or inboard.
  - b. Outboard.
12. Selects records by device type or device address.

### JOBQD

13. Dumps entire SYS1.SYSJOBQE data set.
14. Selects, formats and prints job queue records associated with a specific job.
15. Selects, formats, and prints job queue records associated with a specific work queue.

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