TO: MSPM Distribution
FROM: R. M. Graham
SUBJ: BN.7.00, BN.7.04, BN.7.09-.14
DATE: 07/21/67

The attached sections are descriptions of additional
EPL run_time library procedures. Note that BN.7.09
supersedes BN.7.04 dated 03/11/67.

TO: MSPM Distribution
FROM: M. A. Padlipsky
SUBJ: BN.7.00
DATE: 08/04/67

The attached minor revision of BN.7.00 removes several
entries from the list of EPL run-time procedures; specifically,
those procedures having to do with signals and conditions
have been removed, as EPL now implements these features
by means of the Multics system primitives discussed in
BD.9.04.

Identification

The EPL run-time library
D. B. Wagner

Purpose

The EPL run-time library is a collection of procedures
which perform miscellaneous utility tasks for EPL-compiled
code. On the whim of the compiler the compiled code may
either use one of these procedures to perform a given
task or perform the task itself directly.

The present Section lists the run-time library procedures
which are called by EPL-compiled system programs, along
with an MSPM Section reference for each. Not included
are the mathematical procedures, such as sin and log,
the file- conversion procedures, and the conversion procedures.

The list

Name	Identification	MSPM Section
tdope_	Dope vector builder for adjustable aggregates	BN.7.01
varst_	Varying-string initializer and terminator	BN.7.02
synep_	Non-local go to procedure	BN.7.03
bool_	The bool function	BN.7.04
substr_	The substr built-in function and pseudo-variable	BN.7.05
trap_	Default condition handler for language-defined conditions	BN.7.06
hbound_ lbound_	Built-in functions hbound and lbound	BN.7.07

The list

Name	Identification	MSPM Section
allocate_ freen_ areamk_	Procedures for dynamic storage management	BP.4.02
datmk_	Data segment grower	BN.7.08
stgop_	String manipulation dispatcher	BN.7.09
movstr_	String copying operations	BN.7.10
andstr_	And and or string operations	BN.7.11
strcmp_	String comparison operations	BN.7.12
index_	The index built-in function	BN.7.13
catstr_	String concatenation operations	BN.7.14