

## GCSPOPM

Guarded Control Stack Pop loads the 64-bit doubleword that is pointed to by the current Guarded control stack pointer, writes it to the destination register, and increments the current Guarded control stack pointer register by the size of a Guarded control stack procedure return record.

This is an alias of [SYSL](#). This means:

- The encodings in this description are named to match the encodings of [SYSL](#).
- The description of [SYSL](#) gives the operational pseudocode, any constrained unpredictable behavior, and any operational information for this instruction.

### System (FEAT\_GCS)

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1	1	0	1	0	1	0	1	0	0	1	0	1	0	1	1	0	1	1	1	0	1	1	1	0	0	1					Rt
										L			op1			CRn			CRm			op2									

**GCSPOPM** [<Xt>](#)

is equivalent to

[SYSL](#) [<Xt>](#), #3, C7, C7, #1

and is always the preferred disassembly.

### Assembler Symbols

[<Xt>](#) Is the 64-bit name of the general-purpose destination register, encoded in the "Rt" field.

### Operation

The description of [SYSL](#) gives the operational pseudocode for this instruction.