

## GCSPOPX

Guarded Control Stack Pop exception return record loads an exception return record from the location indicated by the current Guarded control stack pointer register, checks that the record is an exception return record, and increments the pointer by the size of a Guarded control stack exception return record.

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

- The encodings in this description are named to match the encodings of [SYS](#).
- The description of [SYS](#) 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	0	0	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	Rt			
										L		op1			CRn			CRm			op2										

**GCSPOPX** {<Xt>}

is equivalent to

[SYS](#) #0, C7, C7, #6{, <Xt>}

and is always the preferred disassembly.

### Assembler Symbols

<Xt> Is the 64-bit name of the optional general-purpose source register, defaulting to '11111', encoded in the "Rt" field.

### Operation

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