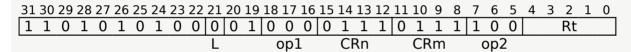## GCSPUSHX

Guarded Control Stack Push exception return record decrements the current Guarded control stack pointer register by the size of a Guarded control stack exception return record and stores an exception return record to the Guarded control stack.

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	0	0		Rt			

L   op1   CRn   CRm   op2

```
GCSPUSHX {<Xt>}
```

is equivalent to

```
SYS #0, C7, C7, #4{, <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.