- TASKS_PWMSTOP
- EVENTS_PWMPERIODEND
- EVENTS_PWMREADY
- PUBLISH_PWMREADY
- STATUS.PWM

- Registers, tasks, and events associated with the CLKOUT and CLKCFG functions have configurable security attribute.
  - CLKOUT
  - CLKCFG
  - EVENTS_CLKOUTREADY
  - PUBLISH_CLKOUTREADY
  - STATUS.CLKOUT

INTERVAL has same security attribute as the CC[0] register group.

For more information on GRTC split ownership and security attributes, see Split Security on page 300.

Interrupts

GRTC provides multiple interrupts. Each interrupt is associated with its own set of INTENm/INTENSETm/INTENCLRm/INTENPENDm register. All events are routed to each of INTENm/INTENSETm/INTENCLRm/INTENPENDm registers, however only those events matching the security attributes can be accessible using the INTENm/INTENSETm/INTENCLRm/INTENPENDm registers.

8.10.6 Task priority

If the START task and the STOP task are triggered at the same time, meaning within the same period of LFCLK, the STOP task is prioritized.

If one or more of the CAPTURE tasks and the CLEAR task are triggered at the same time, that is, within the same period of LFCLP, the CAPTURE tasks are prioritized. This means that the CC registers will capture the counter value before the CLEAR tasks are triggered.

The STATUS.LFTIMER.READY indicates busy while handling the tasks TASKS_START, TASKS_STOP and TASKS_CLEAR. These tasks must be triggered only when the STATUS.LFTIMER.READY status indicates ready.

8.10.7 Registers

Instances

Instance	Domain	Base address	TrustZone			Split access	Description
			Map	Att	DMA		
GRTC : S GRTC : NS	GLOBAL	0x500E2000 0x400E2000	US	S	NA	Yes	Global RTC GRTC