EVENTS /STATES	/OFF	/PWR_UP_WAIT nds to v4 driver as of SHA		/PROBE_CYCLE (start a new cycle) mMark/mm/master)				/CHK_TX1_WAIT	/CHK_RX_WAIT	/CHK_MSG_WAIT	/CHK_TX_SWVER	/CHK_SWVER_WAIT	/ON	/ON_RX	/ON_TX	/ON_RX_TX
		/spreadsheets/d/1wda-bfVI				uu eo scrix_eiiorat	Joresj									
	mapos/acco.googic.com	sopreductional rivida brivi	in too vitalist in your	LIN BOLLIOTTIBUTION	30111071										(tx_int_enabled)	(tx_int_enabled)
			(rx_int_enabled)						(rx_int_enabled)	(rx_int_enabled)			(rx_int_enabled)	(rx_int_enabled)	(rx_int_enabled)	
GPSState.turnOn()	gps_on() tx_timer (pwr_up_delay) /PWR_UP_WAIT															
(t) TxTimer.fired()		set_speed(target) gps_wakeup (on_off) rx_timer(wakeup_delay) /PROBE_0 rx_int_on					set_speed(target) send_peek_0 tx_timer(peek) /CHK_TX1_WAIT									
(t) send_block_task HW. send_block_done						tx_timer(TA_DELAY) (turn around delay) /CHK_TA_WAIT		tx_timer_stop rx_timer(peek) /CHK_RX_WAIT rx_int_on				tx_timer_stop /ON rx_int_on boot? -> GPSBoot			send_cmp() tx_timer_stop /ON	send_cmp() tx_timer_stop /ON_RX
(t) probe_task				rx_timer_stop probe_index++ cycle end check /PROBE_x1 ? gps_reset? /PWR_UP_WAIT	set_speed send_block(entry) tx_timer(to) /CHK_TX_WAIT											
(t) RxTimer.fired()			rx_int_off probe_index -1 send_peek_0 tx_timer(peek) /CHK_TX1_WAIT						rx_int_off post_probe_task /PROBE_CYCLE	rx_int_off post_probe_task /PROBE_CYCLE				Proto.rx_timeout() /ON		Proto.rx_timeout() /ON_TX
(a) GPSProto.msgStart			req_rx_to/len post_timer_task /CHK_MSG_WAIT						/CHK_MSG_WAIT				req_rx_to post_timer_task /ON_RX		req_rx_to post_timer_task /ON_RX_TX	
(a) GPSProto.msgEnd										rx_int_off post_swver_task /CHK_TX_SWVER				req_rx_to/0 post_timer_task /ON		req_rx_to/0 post_timer_task /ON_TX
	rx error and GPSProto	protoAbort are events that i	nvoke the protoAbor	rt event.												
	rx_error and GPSProto, protoAbort are events that invoke the protoAbort event.  rx_error is signalled by the underlying h/w. It can only happen when rx interrupts are enabled.															
		an event signaled by the G			em with the current b	yte stream (detected	by the protocol eng	ine). It gets translate	ed into the protoAbort	event for the state ma	chine					
			Broto pr orror()						Proto ry orror()	Broto pr. orror()			Broto ry orror()	Broto pr. orror()	Broto ry orror()	Broto ry orror()
(a) rx_error			Proto.rx_error() protoAbort						Proto.rx_error() protoAbort	Proto.rx_error() protoAbort			Proto.rx_error() protoAbort	Proto.rx_error() protoAbort	Proto.rx_error() protoAbort	Proto.rx_error() protoAbort
(a) GPSProto.protoAbort			protoAbort						protoAbort	protoAbort			protoAbort	protoAbort	protoAbort	protoAbort
(a) protoAbort [driver_protoAbort]			/PROBE_0						/CHK_RX_WAIT	rx_int_off post_probe_task /PROBE_CYCLE			/ON	req_rx_to/0 post_timer_task /ON	/ON_TX	req_rx_to/0 post_timer_task /ON_TX
(t) swver_task											rx_timer_stop send_sw_ver_tx_times (to) /CHK_SWVER_WAIT	r				
(t) timer_task										chg_rx_timer			chg_rx_timer	chg_rx_timer	chg_rx_timer	chg_rx_timer
Gps.send()													start_tx_timer /ON_TX	start_tx_timer /ON_RX_TX		
GPSState.turnOff()		set_asleep() /OFF			set_asleep() /OFF				set_asleep() /OFF	set_asleep() /OFF			set_asleep() /OFF	set_asleep() /OFF	set_asleep() /OFF	
GPSState.standby()					set_asleep() /OFF	set_asleep() /OFF			set_asleep() /OFF	set_asleep() /OFF			set_asleep() /OFF	set_asleep() /OFF	set_asleep() /OFF	
Initinity																
Init.init() Boot.booted()																
ReceiveError																
	set_asleep	gps_hibernate() [toggle on_off]														
		rx_int off stop_rx/tx_timer														