Type 1&4 Station Component Transition Table: Active Phase

Transition	Input / Event	Output / Action
A-1	receive: Type 1 SAP-message	buffer message in Station Component message table;

A-3-1	receive: DL-PDU from deconcatenated DL-PDU queue that requires a coupled ack	Stop ACK timer; initiate TP timer processing;
		if packet is for SAP component & quiet-mode = OFF & net-activity = CLEAR then
		construct coupled ack and send it in appropriate slot;
		if packet is for SAP component, then
		forward to SAP Comp. (with message ID if packet is a coupled ack);

A-3-2	receive: DL-PDU from deconcatenated DL-PDU queue that does not require a coupled ack	if packet is for SAP component, then forward to either Type 1 or Type 4 SAP Comp. Accordingly;
A-6	Station Component message data structure is not empty & quiet-mode = OFF & net-activity = CLEAR	get highest priority message(s), do FEC, TDC, Scrambling, zero bit stuffing and concatenate them if feasible to get a Transmission; send Transmission to Physical Layer; (save message ID if the message requires coupled ack(s) -- no concatenation)
A-7-1	receive: PL-Status-Ind & not expecting coupled ack & (transmission-status = TRANSMIT COMPLETE, IDLE or ABORTED)	set net-activity variable; process type 4 acks;
A-7-2	receive: PL-Status-Ind & expecting coupled ack & (transmission-status = TRANSMIT COMPLETE, IDLE or ABORTED)	start ack timer; set net-activity variable;
A-8	receive: PL-Status-Ind & transmission-status = TRANSMIT-IN-PROCESS	set net-activity variable;
A-9	receive: ACK-timer-stopped	
A-10	receive: TP-timer-timeout	
A-11	receive: Type 4 SAP-message	buffer message in Station Component message table;