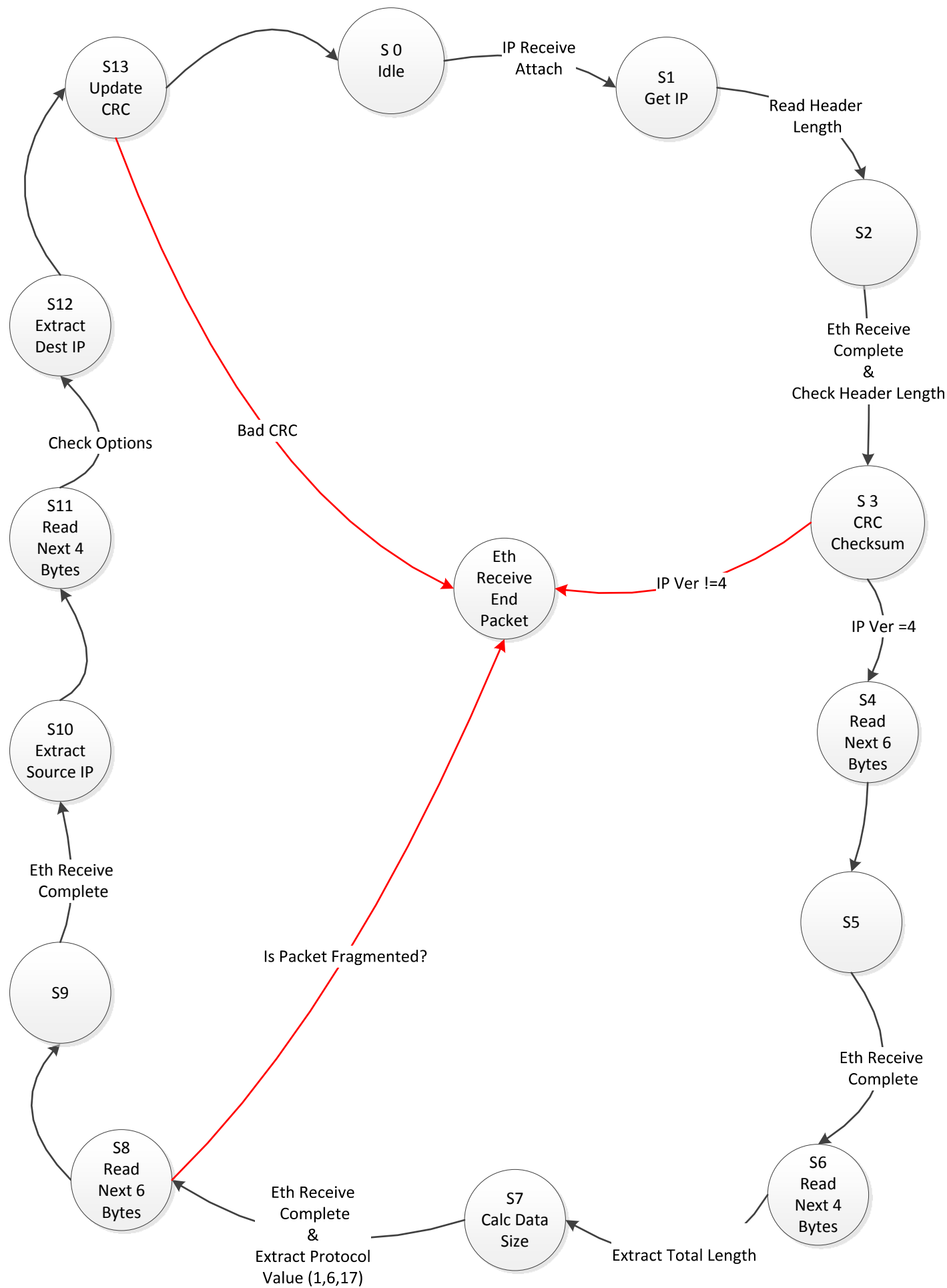


IP Receive State Diagram



Action Table

State	Action
S0	Idle
S1	Read version & header length byte
S2	
S3	<ul style="list-style-type: none">Check header for ver4Update CRC
S4	<ul style="list-style-type: none">Store header length as # of byte → Needed in structureRead next 6 bytes
S5	
S6	<ul style="list-style-type: none">Extract total length from dataUpdate CRCCalc data size (total header)Read next 4 bytes
S7	
S8	<ul style="list-style-type: none">Extract Protocol Value (1,6,17...)Update CRCRead Next 6 bytes
S9	
S10	<ul style="list-style-type: none">Update CRCExtract source IP
S11	Read next 4 bytes
S12	Extract Destination IP
S13	Update CRC

Copy of rough notes located here:
<https://www.dropbox.com/s/55rvykok96w854f/IP%20Received%20Rough%20Notes%20.pdf?dl=0>