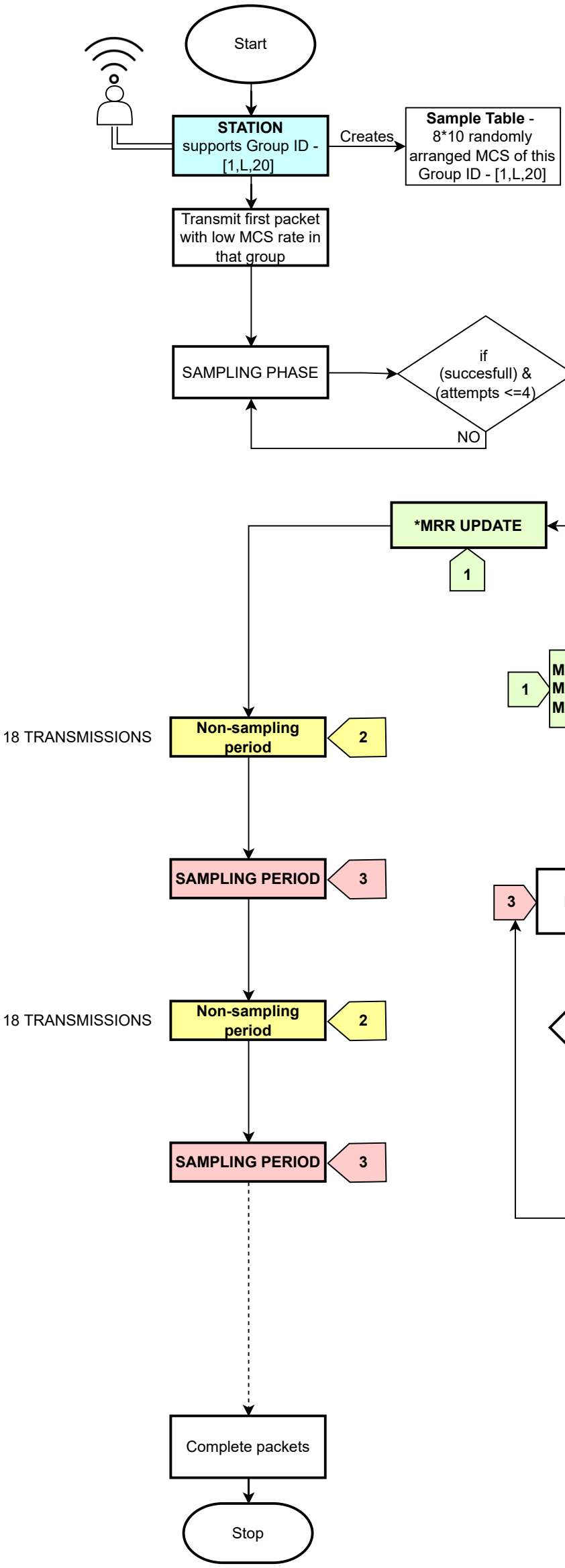
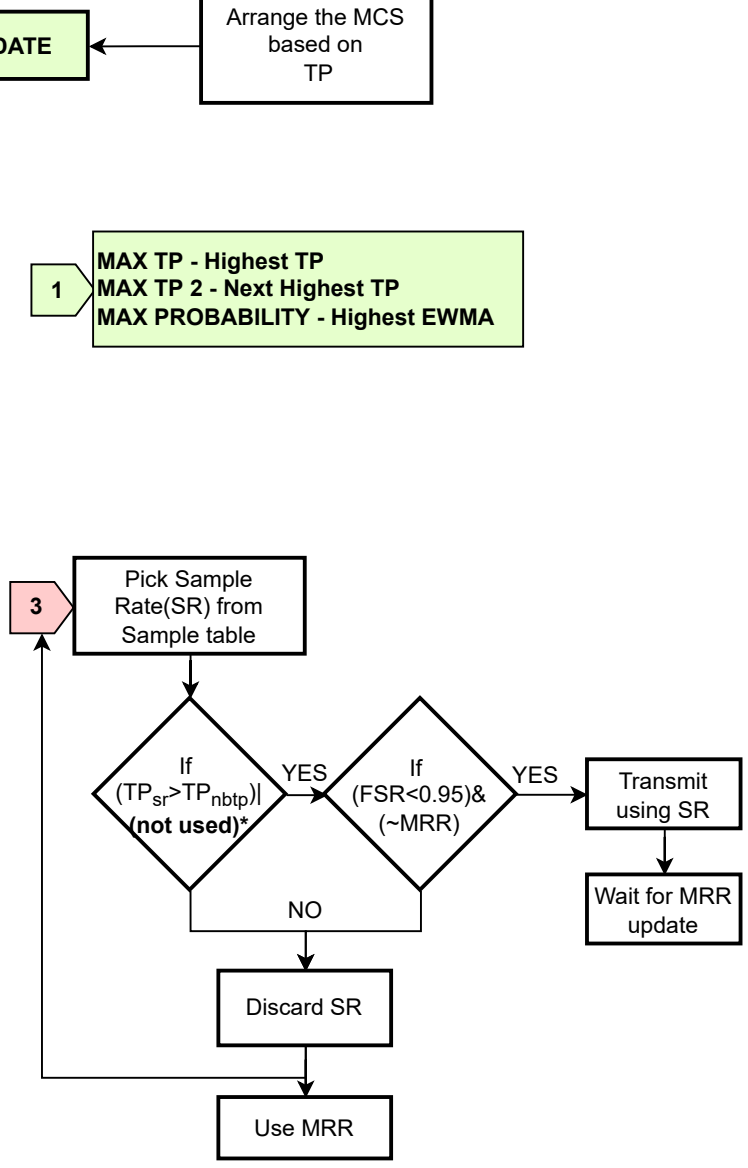
Minstrel-HT Rate Control Algorithm

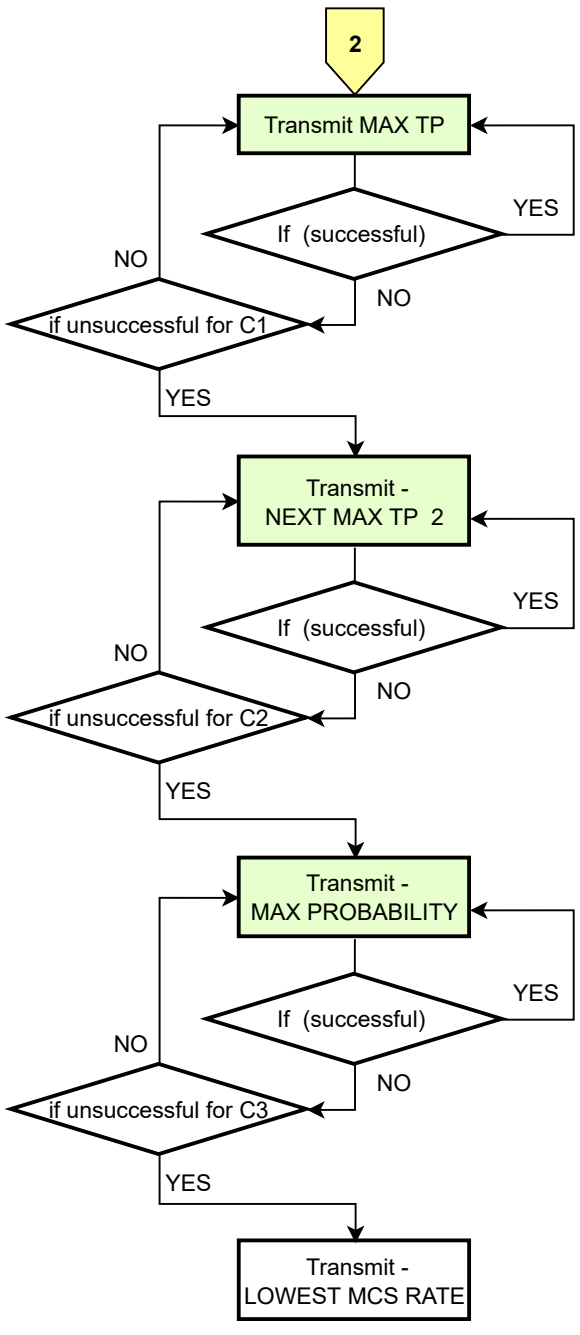
Flag indicates the groups supported by STATION

20MHz; Group ID - [SS, GI, BW]								
Group ID	***[1,S,20]***	***[1,L,20]***	***[2,S,20]***	***[2,L,20]***	***[3,S,20]***	***[3,L,20]***	***[4,S,20]***	***[4,L,20]***
Spatial Stream	1	1	2	2	3	3	4	4
MCS index	MCS- 0 to 7	MCS- 0 to 7	MCS- 8 to 15	MCS- 8 to 15	MCS - 16 to 23	MCS - 16 to 23	MCS - 24 to 31	MCS - 24 to 31
Gaurd Interval	SGI	LGI	SGI	LGI	SGI	LGI	SGI	LGI
40MHz; Group ID - [SS, GI, BW]								
Group ID	***[1,S,40]***	***[1,L,40]***	***[2,S,40]***	***[2,L,40]***	***[3,S,40]***	***[3,L,40]***	***[4,S,20]***	***[4,L,40]***
Spatial Stream	1	1	2	2	3	3	4	4
MCS index	MCS- 0 to 7	MCS- 0 to 7	MCS- 8 to 15	MCS- 8 to 15	MCS - 16 to 23	MCS - 16 to 23	MCS - 24 to 31	MCS - 24 to 31
Gaurd Interval	SGI	LGI	SGI	LGI	SGI	LGI	SGI	LGI

MCS - Modulation Coding Scheme
FSR - Frame Success Ratio
TP - Throughput
EWMA - Exponentially weighted moving average
SR - Sampled Rate







***MRR update at every 50ms**
***not used for 20 Sampled packets**
***C1,C2,C3,C4 = 4ms**

Created by: Shyam Sundar (shyamsdg01@gmail.com)
Assisted by: Rushabha B (rush.balaji@gmail.com)
We thank, Nithish K Gnani(nithishkgnani@gmail.com) for suggestions.