

CLAIMS

1. A wireless transmit/receive unit (WTRU) comprising:
a processor configured to:
monitor for an indication, wherein the indication indicates that a first traffic type associated with an uplink transmission is punctured;
determine that the indication is received;
based on the determination that the indication is received, determine a starting symbol of the first traffic type that is punctured based on the indication;
and
skip a transmission of the first traffic type from the starting symbol and for all remaining bits assigned to a first traffic type transmission associated with the uplink transmission based on the determination.
2. The WTRU of claim 1, wherein being configured to monitor for the indication comprises being configured to monitor for a control channel.
3. The WTRU of claim 1, wherein the starting symbol indicates a starting orthogonal frequency-division multiplexing (OFDM) symbol that is punctured to carry a second traffic type.
4. The WTRU of claim 1, wherein the first traffic type is punctured by a second traffic type, wherein the first traffic type is an enhanced Mobile BroadBand (eMBB) traffic type, and the second traffic type is an ultra-reliable and low-latency (URLLC) traffic type.
5. The WTRU of claim 1, wherein the first traffic type is punctured by a second traffic type, wherein the second traffic type is a low-latency traffic type, and wherein the second traffic type has a latency requirement that is shorter than the first traffic type.
6. The WTRU of claim 1, wherein being configured to skip the transmission of the first traffic type comprises being configured to not transmit the first traffic type.
7. A method comprising:

monitoring for an indication, wherein the indication indicates that a first traffic type associated with an uplink transmission is punctured;

determining that the indication is received;

based on the determination that the indication is received, determining a starting symbol of the first traffic type that is punctured based on the indication;
and

skipping transmission of the first traffic type from the starting symbol and for all remaining bits assigned to a first traffic type transmission associated with the uplink transmission based on the determination.

8. The method of claim 7, wherein monitoring for the indication comprises monitoring for a control channel.

9. The method of claim 7, wherein the starting symbol indicates a starting orthogonal frequency-division multiplexing (OFDM) symbol that is punctured to carry a second traffic type.

10. The method of claim 7, wherein the first traffic type is punctured by a second traffic type, wherein the first traffic type is an enhanced Mobile BroadBand (eMBB) traffic type, and the second traffic type is an ultra-reliable and low-latency (URLLC) traffic type.

11. The method of claim 7, wherein the first traffic type is punctured by a second traffic type, wherein the second traffic type is a low-latency traffic type, and wherein the second traffic type has a latency requirement that is shorter than the first traffic type.

12. The method of claim 7, wherein skipping the transmission of the first traffic type comprises canceling the first traffic type.