CLAIMS

WHAT IS CLAIMED IS:

1. An information transmission method, performed by a base station, comprising:

obtaining a status of an initial bandwidth part (BWP) of a reduced capability (Redcap) user equipment (UE); and

sending at least one of a first system information block (SIB) or a second SIB according to the status of the initial BWP, wherein the first SIB is an SIB that is able to be read by a current general-purpose UE, and the second SIB is an SIB exclusive to the Redcap UE.

2. The method of claim 1, wherein the status of the initial BWP comprises a status of an initial downlink (DL) BWP, and sending at least one of the first SIB or the second SIB according to the status of the initial BWP comprises:

determining that the initial DL BWP is shared by the Redcap UE and the current general-purpose UE, and sending the first SIB on the initial DL BWP.

3. The method of claim 1, wherein the status of the initial BWP comprises a status of an initial DL BWP, and sending at least one of the first SIB or the second SIB according to the status of the initial BWP comprises:

determining that the initial DL BWP comprises a first initial DL BWP and a second initial DL BWP, sending the first SIB on the first initial DL BWP and sending the second SIB on the second initial DL BWP, wherein the first initial DL BWP is an initial DL BWP that is able to be monitored by the general-purpose UE, and the second initial DL BWP is an initial DL BWP that is able to be monitored by the Redcap UE.

4. The method of claim 2, wherein the status of the initial BWP comprises a status of an initial uplink (UL) BWP, and the method further comprises:

determining that the initial DL BWP comprises a first initial DL BWP and a second initial DL BWP, and sending the at least one of the first SIB or the second SIB according to the status of the initial UL BWP, wherein the first initial DL BWP is an initial DL BWP that is able to be monitored by the general-purpose UE, and the second initial DL BWP is an initial DL BWP that is able to be monitored by the Redcap UE.

5. The method of claim 4, wherein sending the at least one of the first SIB or the second SIB according to the status of the initial UL BWP comprises:

determining that the initial UL BWP comprises a first initial UL BWP and a second initial UL BWP, sending the first SIB on the first initial DL BWP and sending the second SIB on the second initial DL BWP, wherein the first initial UL BWP is an initial UL BWP that is able to be monitored by the general-purpose UE, and the second initial UL BWP is an initial UL BWP that is able to be monitored by the Redcap UE; and

determining that the status of the initial UL BWP is a shared status, and sending the first SIB on the first initial DL BWP.

6. The method of any one of claims 1 to 5, wherein the status of the initial BWP of the Redcap UE is determined by the first SIB.

7. A communication device, comprising:

a transceiver;

a memory; and

a processor connected to the transceiver and the memory, respectively, wherein the processor is configured to perform the method of any one of claims 1-6.

8. A non-transitory computer-readable storage medium having computer executable instructions stored thereon, wherein when the computer executable instructions are executed by a processor, the processor is caused to perform the method of any one of claims 1-6.

9. A computer program product comprising computer programs, wherein when the computer programs are executed by a processor, the processor is caused to perform the method of any one of claims 1-6.