

TRANSMISSION EQUIPMENT AND METHOD FOR SENDING CONTROL MESSAGES

ABSTRACT

Disclosed are transmission apparatus and a method for sending control information in which the processing time and power consumption at the reception side are reduced by improving the efficiency of reception processing at the reception side. At a base station (100), a information generating unit (103) generates control information and an OFDM communication unit (104) transmits a frame including the control information. The control information (300) has a unicast region (320) and broadcast/multicast regions (310), and scheduling information units (330) comprising a single MS-ID, a plurality of information elements (IE) that are transmitted to each mobile station (200) corresponding to this MS-ID, and an IE number indicator, which is the number information of this plurality of IEs, are included in a group of scheduling information units arranged in the unicast region (320).

Fig.5