

TRANSMISSION EQUIPMENT AND METHOD FOR SENDING
CONTROL MESSAGES

ABSTRACT

Disclosed are transmission apparatus and a
5 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
10 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
15 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-
20 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