Caption:   
Stereo Representations of the SARS s2m RNA Structure(A) The overall SARS s2m RNA three-dimensional structure and (B) a detailed view of tertiary contacts the and [Mg(H2O)5]2+ binding sites in the context of the experimentally phased electron density map (dark blue). The [Mg(H2O)5]2+ complex ions, depicted as white octahedra, bind to the pro-R and pro-S phosphate oxygen atoms of A(12). An extensive network of potential hydrogen bonds between the metal-coordinated water molecules and the RNA is shown as yellow dotted lines.

Question: What type of interaction is shown by the yellow dotted lines in panel B of the stereo representation figure?   
   
A: Tertiary contacts between RNA molecules   
B: Hydrogen bonds between water and RNA   
C: Covalent bonds between RNA and Mg ions   
D: Ionic bonds within the RNA molecules

Answer: Hydrogen bonds between water and RNA.