

A radio communication method relates to radio communication in ionized mediums and may be used for radio communication with underwater objects. To improve underwater radio signal propagation it is modulated in such a way that excite electrical torque precession of propagation medium ions. Procession of dipole moments is transferred from ion to ion until reaching a receiving antenna. That allows decreasing radio signal loss and increasing carrier frequency. Implementation of the method provides increase of information capacity of a communication channel and communication range increase.