
HiPAP 50x/45x/35x systems



KONGSBERG

Information letter

Emitted signals from 50x/45x/35x systems

Kongsberg HiPAP systems for acoustic positioning and communications used with cNODE transponders emits acoustic signals in the water column.

The HiPAP system on the surface vessel has the following characteristics:

- **Transmitted frequency:** 20.5 kHz – 29.6 kHz
- **Pulse length:** 10 – 1000 ms, nominal 30 ms
- **Max transmitted power:**
207 dB rel. 1 μ Pa ref. 1 m

The cNODE transponders located in the water column has the following characteristics:

- **Transmitted frequency:** 22.0 kHz – 32.5 kHz
- **Pulse length:** 10 – 1000 ms, nominal 30 ms
- **Max transmitted power:**
206 dB rel. 1 μ Pa ref. 1 m