

LOC-KANNAD PROJECT

Convention n° 04.2.93.0168

Kannad 406 XS³ GPS

Multi environment PLB



Personal Locator Beacon



www.kannad.com

Cost reduction: 40 %

Oscillator OCXO → TCXO

- Reduction of consumption
- Frequency stability

Design integrated antenna



Lighter and non dangerous batteries



Weight 105g
9V/3Ah
Non dangerous

Weight 155g
9V/4.75Ah
Dangerous

Easy and friendly user interface



Lighter and smaller beacon



Weight 380g

Weight 295g



Project results

- Success in cost, consumption, size and weight reductions
- Success in simplification of user interface
- Antenna not integrated in the housing but integrated in the design
- Access to the 3 SAR markets

Impact of 3 SAR markets

- Ground: workers in remote countries, trekking, adventurers, raids, expatriates in sensitive countries (approved by SSF)
- Maritime: Personal Beacon for leisure, small professionals
- Aviation: Light and ultra light aviation

New markets due to cost reduction

- Approved in Europe
- Approved in USA (60 % of world market)
- Approved in Australia and New Zealand (20 % of world market)

