

Raven Marine *Company Info*

RAVEN

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Sioux Falls, SD



Austin, TX

Raven Offices – Raven Marine Located in Austin Technology Center

**Raven Industries Inc.
Corporate Home Office**
205 East 6th Street
PO Box 5107
Sioux Falls, SD 57117-5107

Phone: 605-336-2750
Fax: 605-335-0268
Web: <http://www.ravenind.com>

**Raven Industries Inc.
Austin Technology Center**
14000 Summit Drive
Suite 700
Austin, Tx 78728-7109

Phone: 512-238-1128
Fax: 512-238-1135
Support: (800) 460-2167
Web: <http://www.ravenprecision.com/atc/Marine>

The Story Begins in 1993

- In 1993, Starlink, Inc., of Austin, Tx, used new beacon antenna design to track differential beacon signals along the full length of the Delaware River.
- Numerous patents
 - Radio Beacon Technology
 - GPS Antenna Design
 - GPS Signal-Processing
- Raven purchased Starlink in 2001 for its GPS technology and expertise.

History of working with *professional marine pilots*

- Raven Marine was one of the first companies to provide a portable DGPS navigation aid system to *professional marine pilots* in 1994.
- Raven Marine, then Starlink, designed a system with features specifically requested by *professional marine pilots*.
- Raven Marine understands who *professional marine pilots* are and the work they do.

Raven Industries Management

- President / CEO– Ron Moquist, Sioux Falls,SD
- Dan Rykhus – Executive VP, Sioux Falls,SD
- Matt Burkhart – Division Director, Sioux Falls,SD
- Jared Kocer – Director of Engineering, Sioux Falls,SD
- Ed Wilson – Operations Manager – Austin,Tx

Raven Marine Team

- Brad Anthenat - Program Manager
- Karthik Bollepalli – Technical Support Engineer
- Chip Burbaugh– Re-Certification, Configuration, Repair
- Dale Gambill – Senior Software Engineer
- Tony Gomez – Software Engineer
- Chuck Parker – Consultant

Marine Systems – Traffic Management or DGPS Navigation Aid



Traffic Management System
contains third-Party low-end WAAS
GPS Receiver



DGPS Navigation Aid System
Includes Raven's high-
performance GPS receiver



Raven BPI – AIS Interface Adapter

Pilots currently carrying the Raven System – about 400 systems

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- Cape Fear Pilots
- Corpus Christi Pilots
- Delaware Pilots
- Houston Pilots
- Lake Charles Pilots
- Northeast Pilots
- New Orleans Crescent Pilots
- New Orleans Bar Pilots –Testing
- New York & Hudson Pilots
- Penobscot Bay & River Pilots
- Virginia Pilots

Questions?



Credits

- Slide Show by: Dale Gambill
- Contributors: Chuck Parker, Tony Gomez, Chip Burbaugh