

*Your monthly guide to the newest developments in
Tobin's products and services*



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SuperBase™ Maintenance - A Service Overview

Contact Tobin inside sales to learn more
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P2 Energy Solutions offers its SuperBase™ clients an ongoing service of regular quarterly grid updates and maintenance

To support its client's needs for high quality and accurate map data, Tobin has resources dedicated to constantly improving data quality as well as updating the product based on new technologies and new information. Furthermore, Tobin has put into practice the processes and people to provide maintenance clients with ongoing support on all of their issues and questions.

 [Tobin SuperBase™ Map Data Products and Services](#)

Why does data change?

Tobin SuperBase is dynamic data that constantly requires updating, refinement, expansion and enhancement due to the constant changes introduced by government, the application of the various mapping sciences and technologies, the ability to use advanced imagery and the standardization of cartographic techniques and methods. The dynamics relate specifically to the transient, virtual and dependent nature of the data.

- **Transient:** Survey data is transient due to government re-surveys, feature and attribute additions and deletions, source updates, advances in technology and the advent of GPS and imagery. The original surveys formed in the 1800s were created with archaic and inaccurate measurement tools using non-standard units of measurement. The surveys were formed during hostile times over rugged terrain and were often estimated. With the introduction and advancements in high resolution satellite imagery, GPS surveys and modern survey equipment; survey data accuracy has evolved to meet the cartographic and technological demands imposed by today's software.
- **Virtual:** Survey data is virtual, it is cadastral data based on geopolitical boundaries supported with very few physical markers. The data requires constant adjustments to match position points with the mathematically derived or projected survey system(s). The USGS, GLO and BLM provide Tobin with updated information which is then applied to SuperBase under the mathematical standards defined for this data and updated accordingly. The USGS and GLO in turn use the Tobin data as their own digital base mapping standard.
- **Dependent:** SuperBase is the basis for all Tobin Wells, Digital Leases, Ownership and Hard Copy data products. The high level of accuracy required by these other data products demands that Tobin keep the survey data maintained. Failure to make appropriate survey corrections could negatively affect the accuracy of a well or lease.

Contact us now for a limited time 80th Anniversary promotion on Tobin land grid and survey data



Upcoming Event

2008 Tobin Data Conference



The Hyatt Regency,
San Antonio, Texas
April 30 - May 1, 2008

working on additional changes provided by the Texas General Land Office in Railroad Districts 5 and 6 with ongoing research for updates to survey lines in Tarrant, Denton, Pecos and Hemphill counties. Additionally, we are working on the inclusion of subdivisions in Railroad District 4.



Other Products and Services

- ▶ Map data products
- ▶ Aerial photography
- ▶ Photogrammetric services
- ▶ GIS software
- ▶ GIS services

Downloads

- ▶ Tobin Historical Aerial Photography - Gulf Coast Coverage Dating Back to the 1930s
- ▶ Tobin SuperBase™ Map Data Products and Services

Data Quality:

Tobin is committed to Data Quality. We view this as a critical differentiator in what we offer versus what our competitors provide. The value of SuperBase is in our ability to continually upgrade and maintain the data at the highest quality. No other data provider offers its client's data upgrades, ongoing maintenance as well as full time personal customer support. The key differentiators in data quality and support between Tobin and its competitors are:

- Tobin works directly with our customers to resolve their data issues
- Tobin works directly with the appropriate governmental agencies (Texas General Land Office, USGS, etc.) that are responsible for the mapping and/or surveying of the source data. This ensures that SuperBase is:
 - In sync with each of the specific agency's data
 - Correct from a mapping standpoint
- Tobin works with official land surveyors to ensure whatever changes we make:
 - Are appropriate on the land
 - Meet surveying standards
- Tobin collects, translates (in the case of some old Spanish land grants) and maintains data source documentation from governmental agencies and various courthouse records across the country to support the changes and edits made to SuperBase.
- Tobin has a technical team specifically dedicated to improving the data through enhanced production processes, programmatic solutions, database architecture and construction, spatial tool maintenance and the establishment and oversight of QA/QC standards and practices. These enhanced technological upgrades provide clients the technological advantages they need in their business.
- Tobin researches all client issues to ensure that it is providing the correct data solution to an issue. Not all client suggestions for changes are correct. As a consequence, clients may have to change their data to ensure its correctness. This SuperBase Research Group is composed of individuals who collectively have over 80 years of experience.
- Because some clients raise concerns regarding the data in specific areas based on where they are currently operating, Tobin has a full time customer support person who responds to these individual client requests and questions and coordinates solutions through an 800 telephone number or through a dedicated support e-mail address.
- Tobin also works to identify data issues regularly through its Data User Group meetings. These are not sales meetings but are customer support meetings held twice a year in client offices providing clients with an opportunity to:
 - Learn what Tobin is doing to improve the data
 - Provide direct feedback on issues of general interest
 - Learn and understand technological direction for data and its impact on client operations
 - Provides a forum to raise critical individual issues
 - Share best practices as identified by Tobin or by other customers



Definitions:

Tobin SuperBase™ is a comprehensive, continuous high-resolution base map of the various survey systems located in Alaska and the lower 48 United States. SuperBase includes the PLSS, Alaska and Texas surveys and is built to a 1:24,000' scale conforming to the national mapping standards. In the "Jeffersonian" and Alaska areas the data is based on the U.S. Geological Survey's (USGS) "d1g's".

In Texas, the data is based on the records of the Texas General Land Office (GLO). Source documentation is also collected on an as needed basis from the various county records. SuperBase is a suite of digital mapping databases initially created to meet the needs of the energy industry.

Coverage:

Tobin offers maintenance for all of its survey data including, state lines, county lines, section/township/range lines and survey/abstract lines. Geographically this covers the entire lower 48 states, Gulf of Mexico, offshore west coast, Alaska and Alaska offshore. Tobin does NOT offer maintenance on lat/long window areas.

The newsletter provides a technical analysis of the key issues faced by the E&P community regarding the use of spatial data, data formats, data models, application issues and best practices.

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