



## Hull ID Validations Report for *Illinois* Department of Natural Resources (DNR)

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Date Completed: Nov 24, 2019

### Executive Summary:

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- Total Active Boat Registrations Analyzed: **256,592** (excluded pre-1971 boats)
- Boats having malformed/invalid Hull ID: **9515**
- **Valid HIN's: 247077 (96% of database)**
- Boats having a non-existent MIC code but 12 digit HIN (Not a boat manufacturer): **810**
- Number of Duplicate & Triplicate Hull ID's (used by multiple boats): **320**
- Number of Hull ID's that are too short: **5150**
- Number of Hull ID's that are too long: **291**
- Number of Hull ID's that are actually VIN's: **42**
- Number of Hull ID's that are actually State Registration Numbers: **4**
- Numeric Hull ID's (no alpha characters): **3424**
- Number of Hull ID's that are actually IMO Numbers: **42**
- Number of Hull ID's that are actually ENI numbers: **133**
- Number of Hull ID's that contain a space or dash: **None**
- Hull ID's containing only letters (no numbers): **None**
- Number of Hull ID's with leading or trailing spaces: **None**
- Year field and Hull ID Year do not match: **3079**

Percentage of Invalid Records in your database: **3.7 Percent**

### Detailed Report on the above Records

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Due to the large number of records, each of the above will be included in a spreadsheet for your perusal. The file format is XLSX (Microsoft Excel) having multiple tabs or sheets for each of the categories above.

File Attached: *Illinois-hin-validations.xlsx*

For Questions email: [info@hindecoder.com](mailto:info@hindecoder.com)

### Suggested Action

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- Contact boat owners to correct the Hull ID numbers and find the typos in the MIC.
- Issue standard format Hull ID numbers to those boats that have numeric HINs.
- Where a VIN was entered instead of a Hull ID, check if a trailer or other vehicle.
- Resolve the duplicate Hull ID numbers and investigate HIN-Cloning fraud
- Replace the State Registration numbers, IMOs, and ENIs with the correct HIN and track this ID in another field separately.