**Purpose:** A function to calculate the effort from a specified trip. This in theory could work on any trip, as written currently it only works in Georges Bank area, and it is only used on observer trips. This file is ripe for revision…

NOTES:

* I would really like to generalize this function be able to select observer trip data automatically. If we create a flat file with all the vessel ID’s and landed dates from observer trips this would be all we’d need to complete the automation. We could also output all these data to a flat file containing all years of data. Would save a fair bit of cut/paste.

**Version Control:**

**Function Arguments Summary**

1. **yr:** The year from which to extract the data
2. **export:** Export the data to flat files
3. **get.data:** Default is "dump" which extracts data from flat files already created. If reading from the database choose "marfis"
4. **un:** your SQL username. default = "user" does not work
5. **pw:** Your SQL password. default is "pass" which does not work
6. **db.con**: Database to connect to. Default is "ptran"

**Section 1**

There is just one section for this function. This calls **logs\_and\_fishery\_data.R** and extracts the log/slip information from there. It then grabs the information for a specific vessel/land.date combination (typically a trip in which there was an observer) and calculates the effort for the trip specifically on Georges Bank. This could easily be generalized/automated.

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