**Purpose:** A function used collect all of the log information, clean it up, and turn it into one object. The files we use to grab this information are internal, **get.new.logs**, **parse.dis**, and **get.old.logs**. The main function

Notes:

* For the get-logs sub-functions there are many different sources, this need consolidated into 1 (maybe 2) functions.

**Version Control:** Multiple versions of the “get-logs” files exist, this needs consolidation

Required packages: splancs

**Function Arguments Summary**

1. **years:** select the years to get log data from. if left blank the function selects 1955-2008 (with 1960 left out
2. **export**: create a csv file with results. (T/F) default is F
3. **get.data:**used in the sub-function **mave**, a means of weighting the tow track data if running a

moving average across them.

**Section 1**

This encompasses all of the main **import.fishery.data.r** function. There is not a lot to this main function, it calling other functions to obtain the data, and cleaning up those results into one tidy object.

**Function Index**

apply

attr

c

calcLength

cbind

data.frame

do.call

duplicated

if

for

function

length

list

nchar

nrow

paste

print

read.table

require

sapply

source

stop

subset

**Section 2**

A small function (**mave**) used to calculate weighted moving averages. This could be replaced by the WMA moving average function from TTR package as the results are essentially identical.

**Function Arguments Summary**

1. **x:** Vector containing the tow track numbers we want to extract
2. **w**: weights for the moving average, default is a rather complex weight scheme of

c(1:10,9:1)

**Function Index**

c

colSums

for

function

length

rep

return

tcrossprod

trunc