**Cruise\_Transect\_Header\_merged**

|  |  |  |
| --- | --- | --- |
| **Column** | **Original** | **Correction** |
| StudyName | LMG80-01 | LMG08-01 |
| Cruise | ok |  |
| Year/Month | Looks ok |  |
| Station start | Unk |  |
| Station End | Unk |  |
| Event number | 9999 | 1226 |
| YearDay/Hour/Minute | 28005945  33100113 |  |
| Total Time | 201 blanks |  |
| Ship speed | Looks ok | Code to make numbers outside range NA? |
| Ship Course | 161 blanks |  |
| Wind speed start | 270 – high, is this valid?  2309 blanks |  |
| Wind direction start | 2331 blanks |  |
| Wind speed end | 1 not recorded  2335 blanks | Code to make values outside range NA? |
| Wind direction end | 1 not recorded  2335 blanks | Code to make values outside range NA? |
| Sea state | 1 0-7 kts  2 17-21 kts  3 blanks | Code to make numbers outside range 0-12 NA? |
| Salinity | 1 38 (seems too high)  1 99.91  2308 blanks | Leave as is  Leave as is? |
| Fluorometry | 2 0,36  2308 blanks | 0.36 |
| Habitat | 2 open  1 pack  2 blanks | Open should be 1  Pack should be 5  Code to make numbers outside range 1-5 NA? |
| Ice cover | 3 blanks |  |
| Ice type | Floes | Floes should be 4  Code to make values outside range 1-5 NA? |
| Ice color | Brown  4 blanks | Brown should be 4 |
| Depth | 0-3977?  7513 valid?  9999  9999.9  186 blanks | Code to make values outside range NA? |
| DateTime | In progress | In progress |
| SST | Looks ok | Code to make values outside range NA? |

I am creating a **new column** called **corrected lat/corrected long** with corrections for the lat/long for what they should be. I am cross referencing the event log to fill this in.

I am still going through each edit that needs to be made for the Day/Time.

**Unk** in the “**Original**” column indicates that I do not know if there are errors here, as there are too many variations of codes for me to know if they are correct or not.

**Unk** in the “**Correction**” column indicates that I do not know how this error should be corrected.

**Cruise\_Transect\_Observations\_merged**

|  |  |  |
| --- | --- | --- |
| **Column** | **Original** | **Correction** |
| StudyName | LMG80-01  LMG90-01  NBP21-13 | LMG08-01  LMG09-01  Unk |
| Cruise | Looks ok |  |
| Event number | 9999 | 1226 |
| Count Minute | 9475?  1229A? | Unk  Unk |
| Species | 1 BBPE  2 BNSW  1 GIPR  2 SKSP  1 TPPR  2 0’s  5 2.5k (same time as MID and PNT entries)  2 “other add in notes”  2946 NONE  688 blanks | BBSP  Make NA  GIPE  SPSK  TBPR  Make 0 NA  Unk  Make any sentences NA or blank  Make NONE NA or blank? |
| Number | 1 999  2 00  1 01  1 120+  5 MID  468 blanks |  |
| Linkages | 9 9  5 PNT  794 blanks |  |
| Behavior | 1 O  47 blanks | Make anything not in 1-8 range NA |
| Direction | 649 blanks |  |