FishPi2 – Work Package 3 Biological data Tools

# Data call …………………………………………………………………………………………………….1

# Data call

Find below the data call sent to the participants of the *fishPi2* project

## Email to participants

As part of the *fishPi2* project we request biological sample data from your institute, length frequency data from on-shore or at-sea sampling of commercial catches. The rationale, scope and format of the requested data are set out in the following document.

Data are requested for the years **2015** and **2016** and will be used for the biological simulations in WP3.

The deadline for the provision of these data is the **15. of August 2018**.

Data are to be uploaded to the *fishPi2* SharePoint to the following [folder](http://www.ices.dk/sites/Projects/FishPi2/wp2wp3/_layouts/15/start.aspx#/SitePages/Project.aspx?RootFolder=%2Fsites%2FProjects%2FFishPi2%2Fwp2wp3%2FShared%20Documents%2FWP3%20biological%20sample%20data&FolderCTID=0x012000777656B89CF04845A05B2A294EF745FE&View=%7B0B18F1ED%2DE5F8%2D48A4%2DA574%2D37BF15233322%7D) by the individual designated by the national institution, and accepted by the *fishPi2* PMC.

All data supplied will be used and stored according to the terms of the data sharing agreement.

Many Thanks

The WP3 team members

Any questions, please contact Kirsten Birch Håkansson ([kih@aqua.dtu.dk](mailto:kih@aqua.dtu.dk)), Jose Rodriguez [rodriguez@ieo.es](mailto:rodriguez@ieo.es)

## Attached document

## Rationale

The data will be used for the biological simulation in WP3.

## Scope

Please provide length frequency data raised to trip level for the following species and areas;

North Sea case study;

Areas: 27.3.a, 27.3.a.20, 27.3.a.21, 27.4.a, 27.4.b, 27.4.c, 27.7.d

Species: Cod *Gadus morhua;* Grey Gurnard *Eutrigla gurnardus;* European plaice *Pleuronectes platessa*.

Iberian case study;

Areas: 27.8.c, 27.9.a

Species: Hake *Merluccius merluccius*; Blue whiting *Micromesistius poutassou*; Atlantic mackerel *Scomber scombrus*; Atlantic chub mackerel *Scomber colias*.

**Only** include samples where you have length measurements from all size categories so that the raised length frequency is representative of the fishing trip. The length frequency can be for catch category; Landings, Discard or BMS.

Please provide as many raised length frequencies as possible for the requested species.

## Format

Data should be provided as an R workspace containing two data frames

The R workspace should follow the naming convention CTY\_BIO\_VX\_DD\_MM.rData where CTY is country, X is the version number, DD\_MM is the date and month of the data submission. e.g. NLD\_BIO\_V1\_22\_02.rda. This will allow for version control in the compilation of the regional data set; hopefully each dataset will only need to be submitted once.

Please assign the data frame within this workspace the name CTY\_BIO\_VX\_2015 and CTY\_BIO\_VX\_2016, where x is the version number. No other R objects should be within the workspace.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Variable name** | **Description** | **Format** | **Code list or example** |
| 1 | **sampFishTripId** | Unique Fishing trip Identifier. | Character string of length 14.  The first 3 characters will be the 3 letter flag country code, the following 4 will be the year, the last 4 a numeric string with leading zeros. | Examples:  SCT20150001,  PRT20162474  FRA20156632  Not required to match the id in the logbook data |
| 2 | **sampType** | Sampling type | Character string | Code list;  at-sea, on-shore |
| 3 | **vslFlgCtry** | Vessel Flag Country  Country code based on  ISO 3166 – 1 alpha-3 code. | Character string of length 3. | Fixed code list consisting of:  BEL, DEU, DNK, ENG, ESP, FRA, IRL, NIR, NLD, PRT, SCT, SWE, WLS, GBI, GBC. |
| 4 | **sampDate** | Unique sampling date per trip.  A unique date for the trip - for at-sea the landing or departure date – for on-shore the sampling or landing date.  Use the same method nationally used when populating the RDB CS trip table. | YYYY-MM-DD  Character string of length 10.  Year, month, day numeric separated by hyphens. | Finite code list; Examples:  2015-12-05, 2016-02-12 |
| 5 | **loc** | Unique location par trip.  A unique location for the trip - for at-sea the landing or departure location – for on-shore the sampling or landing location.  Use the same method nationally used when populating the “harbour” field in the RDB CS trip table. | Location  LOCODE  Character string of length 5 the first 2 letters of which correspond to the country, the remaining 3 the unique location code. | Fixed code list; Examples:  NLIJM, DKTHN,  IEKBS |
| 6 | **vslLenCls** | Vessel Length Class  Vessel length class overall (m)  DCF LOA classes | Character string of length 6. | Fixed code list consisting of:  VL0010, VL1012, VL1218, VL1824, VL2440, VL40XX |
| 7 | **area** | FAO area codes  Corresponding to highest possible resolution ICES sub-area, area, division. | Character string | Fixed code list; Examples  27.4.a, 27.8.c, 27.3.a.20 |
| 8 | **foCatEu6** | Metier level 6 | Character string with gear, target, mesh and selection device components, underscore separated. | Fixed code list; Examples  OTB\_DEF\_>=120\_0\_0,  GNS\_SPF\_120-219\_0\_0 |
| 9 | **sppCode** | Species code - WoRMS Aphia ID  The species codes of all the recorded landings from the trip. | Character string of length 6 or shorter, of numeric values. | Fixed code list; Examples  127419, 126436,  11723 |
| 10 | **sppName** | Species name – scientific name.  Accepted WoRMS name corresponding to the Aphia ID | Character string | Fixed code list; Examples  Capros aper, Gadus morhua, Sepiidae |
| 11 | **catchCat** | Catch category. Landing (LAN) or Discard (DIS) or BMS (if any are available) | Character string of length 3. | Fixed code list consisting of:  DIS, LAN, BMS |
| 12 | **catchWt** | The estimated weight of the combined fish in the raised length frequency, whole weight in kg.  This is the weight per fishing trip, so will be repeated per length class. | Numeric |  |
| 13 | **lenCls** | Whole length in mm | Integer |  |
| 14 | **estNum** | Estimated number of fish per length and fishing trip and the above stratification | Numeric | May be decimal as result of having raised samples to trip level |
| 15 | **sampNum** | Sum of sampled number of fish per length and the above stratification | Integer |  |