

ShoreZone Ground Stations, web-posted database in ArcGIS, 2002 to present.

Theme keywords: intertidal, ground stations, shore stations, coastal mapping, 002, biota

Abstract: The web-posted Alaska Shore Station Database is a compilation of hundreds of intertidal sites that were visited and evaluated throughout the coastal waters of Alaska. These stations were started on the coast of the Kenai Fjords in 2002 and have expanded from there. At each station attempts are made to document all observed species and their assemblages, geomorphic features, measurements of beach length and slope, and gather photographic examples. This information is then compiled into a Microsoft Access database offline. This is the basis for the web posted database. The online database has been designed to integrate with the spatially explicit, Alaska ShoreZone, Arc Server database on the web. The end result is a user friendly and accessible version of the Shore Station database with a queryable display of station locations, downloadable species lists and photos.

FGDC, ESRI, and Biological Profile Metadata:

- [Identification Information](#)
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Metadata elements shown with **blue** text are defined in the Federal Geographic Data Committee's (FGDC) [Content Standard for Digital Geospatial Metadata \(CSDGM\)](#). Elements shown with **green** text are defined in the [ESRI Profile of the CSDGM](#). Elements shown with **brown** text are defined in the [NBII Biological Profile of the CSDGM](#). Elements shown with a green asterisk (*) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

Identification Information:

Citation:

Citation information:

Originators: Archipelago Marine Research Ltd.,, Cook Inlet Regional Citizens Advisory Committee

Title:

ShoreZone Ground Stations, web-posted database in ArcGIS, 2002 to present.

Publication date: Unknown
Geospatial data presentation form: maps and data

Description:

Abstract:

The web-posted Alaska Shore Station Database is a compilation of hundreds of intertidal sites that were visited and evaluated throughout the coastal waters of Alaska. These stations were started on the coast of the Kenai Fjords in 2002 and have expanded from there. At each station attempts are made to document all observed species and their assemblages, geomorphic features, measurements of beach length and slope, and gather photographic examples. This information is then compiled into a Microsoft Access database offline. This is the basis for the web posted database. The online database has been designed to integrate with the spatially explicit, Alaska ShoreZone, Arc Server database on the web. The end result is a user friendly and accessible version of the Shore Station database with a queryable display of station locations, downloadable species lists and photos.

Purpose:

The Alaska Shore Station data have been collected to supplement the Alaska ShoreZone coastal habitat mapping program. The Alaska ShoreZone dataset has classified and mapped interpretations of biophysical features as observed in the aerial imagery, a long term standardized method. The Shore Station dataset simply provides more insight into the regional differences among habitats encountered along Alaska's coastline. This dataset is not meant to be compared to the Alaska ShoreZone database as the two products utilize different scales and levels of detection. Further information about the Alaska ShoreZone dataset are available at <http://alaskafisheries.noaa.gov/habitat/shorezone/szintro.htm>

Time period of content:

Time period information:

Range of dates/times:

Beginning date: Unknown

Ending date: Unknown

Currentness reference:

ground condition

Status:

Progress: In work

Maintenance and update frequency: As needed

Spatial domain:

Description of geographic extent:

Data collected from ground stations throughout the Kodiak archipelago, Aniakchak National Preserve, Katmai National Park, Kachemak Bay and south Cook Inlet, Kenai Fjords National Park, west Prince William Sound, Southeast Alaska.

Bounding coordinates:**West bounding coordinate:** 172**East bounding coordinate:** -130**North bounding coordinate:** 71.83333**South bounding coordinate:** 51.35**Keywords:****Theme:****Theme keywords:** intertidal, ground stations, shore stations, coastal mapping**Theme keyword thesaurus:** None**Theme:****Theme keywords:** 002, biota**Theme keyword thesaurus:** ISO 19115 Topic Category**Place:****Place keywords:** Gulf of Alaska, Kodiak archipelago, Katmai National Park, Kenai Fjords National Park, Prince William Sound, Southeast Alaska**Place keyword thesaurus:** Geographic Names Information System (GNIS)

Access constraints: There are no legal restrictions on access to the data. They reside in public domain and can be freely distributed.

Use constraints:

User must read and fully comprehend the metadata prior to use. Data should not be used beyond the limits of the source scale. Acknowledgement of NOAA, as the source from which these data were obtained, in any publications and/or other representations of these data is suggested.

Point of contact:**Contact information:****Contact person primary:****Contact person:** Mary Morris**Contact organization:** Archipelago Marine Research Ltd.**Contact address:****Address type:** mailing and physical**Address:**

525 Head Street

City: Victoria**State or province:** BC**Postal code:** V9A 5S1

Country: Canada

Contact voice telephone: 1-250-383-4535

Contact voice telephone: 1-250-383-1463

Contact electronic mail address: marym@archipelago.ca

Contact electronic mail address: saupe@circac.org

Contact instructions:

The e-mail address directs you to the person most knowledgeable about this data. If an alternative contact person becomes necessary, contact: Steve Lewis at 907-586-7858 or steve.lewis@noaa.gov.

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Data Quality Information:

Logical consistency report:

Species data are observed macrobiota, with qualitative abundance score. Identifications mostly based on field observations. Some voucher specimens of algae collected for lab identification. Nomenclature reviewed by qualified reviewers and latest names are included in master species lists. QAQC included check for data entry errors, from review of original data entry forms and field photographs. Across-shore profiles corrected to water level at time at waterline, using tidal height prediction.

Completeness report:

Species data include sessile epibiota. Access to lower intertidal limited by the tidal height at time of survey. Nearshore fish are not explicitly targetting in these low tide surveys and are only recorded incidentally at sites.

Lineage:

Process step:

Process description:

No process steps have been described for this dataset.

Process date: Unknown

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Entity and Attribute Information:

Detailed description:**Entity type:****Entity type label:** tblBioBand**Entity type definition:**

2.0 BioBand Table, lies within Stn Header and Stn Spp

Entity type definition source:

database developer

Attribute:**Attribute label:** band_ID**Attribute definition:**

Unique identifier

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** station**Attribute definition:**

Links to station

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** BandOrder**Attribute definition:**

Where 1 is at the top of the high waterline mark, and the highest number is at the low waterline mark

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** band**Attribute definition:**

Letter Code for The Band, uses the Band lookup table. Forced single band entered from field. This is the field that gets updated from the Form.

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No records in domain lookup table.

Attribute:**Attribute label:** Band_srt**Attribute definition:**

Profile point for top of bioband in following interval

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Band_end**Attribute definition:**

Profile point for bottom of bioband from previous interval

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** OriginalBioBandName**Attribute definition:**

The name given to the bioband in the field, when changed afterwards. IE Phyllospadix to surfgrass.

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** distrib**Attribute definition:**

C: Continuous, P: Patchy, N: Narrow (VER), M: Medium (VER), W: Wide (VER)

Attribute definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** C**Enumerated domain value definition:**

C

Enumerated domain value definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** M**Enumerated domain value definition:**

M

Enumerated domain value definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** N**Enumerated domain value definition:**

N

Enumerated domain value definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** P**Enumerated domain value definition:**

P

Enumerated domain value definition source:

database developer

Attribute domain values:

Enumerated domain:

Enumerated domain value: W

Enumerated domain value definition:

W

Enumerated domain value definition source:

database developer

Attribute:

Attribute label: substrate

Attribute definition:

Substrate that the band is on

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Field source not limited to list.

Attribute:

Attribute label: elev top

Attribute definition:

calculated field - currently un-used

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: elev btm

Attribute definition:

calculated field - currently un-used

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: width

Attribute definition:

calculated field - currently un-used

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: tidepool

Attribute definition:

microhabitat

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: crevice

Attribute definition:

microhabitat

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: slope

Attribute definition:

calculated field

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** BandDescription**Attribute definition:**

Description of the bioband

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

Free entry text field.

Attribute:**Attribute label:** PhysicalBandNotes**Attribute definition:**

Notes from the Physical data sheets about the bioband

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** oldBand_ID**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** stationName**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: DateCreated

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: BandConfidence

Attribute definition:

Level of confidence that the band name assigned is the ONLY band represented in that section along the transect. Areas where multiple bands overlap to create complex mixtures, but are forced under one bioband code, are given a low rating.

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: SurveyIntensity

Attribute definition:

Fully surveyed biobands with complete species lists would be assigned a high level, subtidal and some lower intertidal biobands not totally accessible to the surveyor would be assigned a low level (e.g., offshore NER with only NERELU in the species list).

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Detailed description:**Entity type:****Entity type label:** tblFieldStationHeader_web**Entity type definition:**

1.0 Ground Station Header - station-wide biophysical

Entity type definition source:

database developer

Attribute:**Attribute label:** station_ID**Attribute definition:**

Unique identifier for database.

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** station**Attribute definition:**

Assigned Station Number

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** RegionalID**Attribute definition:**

Regional location, ie Kenai, Katmai, Cook Inlet, or Kodiak. This field uses a lookup table.

Attribute definition source:

database developer

Attribute domain values:
Unrepresentable domain:
Unable to resolve domain.

Attribute:
Attribute label: Bioarea
Attribute definition:
-no description-
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
Unable to resolve domain.

Attribute:
Attribute label: Sitelocation
Attribute definition:
From Physical Sheet - Location of the station
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: LocaleGroup
Attribute definition:
Letter corresponding to groups of stations in one 'locale'
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: LocaleGroupName
Attribute definition:
Name of the locale group

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** LocaleConcat**Attribute definition:**

Concatenation of SuperLocale, Locale and SubLocale

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** SuperLocale**Attribute definition:**

Highest 'order' of station location; broadest geographical 'locale'

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Locale**Attribute definition:**

Middle 'order' of station location

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: SubLocale

Attribute definition:

Lowest 'order' of station location; narrowest geographical 'locale'

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: StationName

Attribute definition:

Regional Name ie Pender Bay, Rocky Point, ect... -- NEEDS TO BE COMPLETED

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: KDKRegion

Attribute definition:

Subregions within Kodiak

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: KDKClusterID

Attribute definition:

Kodiak Realtive Abundance (Jan 16, 2005) Cluster Analysis ID codes

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: date

Attribute definition:

Bio Form - date of survey

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: BioStartTime

Attribute definition:

Bio Form - start time of survey

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: BioTeam

Attribute definition:

Bio Form - crew working at site

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: ExpBio

Attribute definition:

Bio Form - Biological exposure VE, E, SE,SP, P, VP

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

Field source not limited to list.

Attribute:**Attribute label:** ExpBioOriginal**Attribute definition:**

As recorded in field

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** ExpBioNotes**Attribute definition:**

Bio Form - Notes on the biological exposure ie Low E, High SE. Initials of estimator

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** HabClass**Attribute definition:**

Habitat Classification

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

Unable to resolve domain.

Attribute:**Attribute label:** HabClassOriginal**Attribute definition:**

As recorded in field

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: HabClassNotes

Attribute definition:

Habitat class notes. Initials of estimator

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: FreshwaterInfluence

Attribute definition:

Bio Form - YES/No

Attribute definition source:

database developer

Attribute domain values:

Enumerated domain:

Enumerated domain value: False

Enumerated domain value definition:

False

Enumerated domain value definition source:

database developer

Attribute domain values:

Enumerated domain:

Enumerated domain value: True

Enumerated domain value definition:

True

Enumerated domain value definition source:

database developer

Attribute:**Attribute label:** CurrentInfluence**Attribute definition:**

Bio Form - YES/No

Attribute definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** False**Enumerated domain value definition:**

False

Enumerated domain value definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** True**Enumerated domain value definition:**

True

Enumerated domain value definition source:

database developer

Attribute:**Attribute label:** SwellInfluence**Attribute definition:**

Bio Form - YES/No

Attribute definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** False**Enumerated domain value definition:**

False

Enumerated domain value definition source:

database developer

Attribute domain values:**Enumerated domain:**

Enumerated domain value: True
Enumerated domain value definition:
True
Enumerated domain value definition source:
database developer

Attribute:

Attribute label: SiteDescription
Attribute definition:
Notes from SiteComments, ExpBioNotes, HabClassNotes and SiteFormMaterial combined and edited for Webposting
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:

Attribute label: SiteComments
Attribute definition:
Bio Form - General comments regarding the fieldstation
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
Free entry text field.

Attribute:

Attribute label: PhysicalProfileOnly
Attribute definition:
Check box to indicate stations where only a physical profile was measured (i.e., no biobands or species recorded)
Attribute definition source:
database developer

Attribute domain values:
Enumerated domain:
Enumerated domain value: False
Enumerated domain value definition:

False
Enumerated domain value definition source:
database developer

Attribute domain values:
Enumerated domain:
Enumerated domain value: True
Enumerated domain value definition:
True
Enumerated domain value definition source:
database developer

Attribute:
Attribute label: phyTeam
Attribute definition:
Physical Form - Geomorphology team
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: latitude-degree
Attribute definition:
Physical Form - Latitude in degrees
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: latdecdegree
Attribute definition:
Physical Form - Latitude in decimal degrees
Attribute definition source:
database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** latmindecmin**Attribute definition:**

Physical Form - Latitude in minutes, decimal minutes

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** longitude-degree**Attribute definition:**

Physical Form - Longitude in degrees

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** longdecdegree**Attribute definition:**

Physical Form - Longitude in decimal degrees

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** longmindecmin**Attribute definition:**

Physical Form - Longitude in minutes, decimal minutes

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** SiteFormMaterial**Attribute definition:**

Physical Form - Form and Materials along the transect

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

Free entry text field.

Attribute:**Attribute label:** TimeAtWaterline**Attribute definition:**

Physical Form - Time measurement was taken at the waterline.

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** TidalHeightAtWaterline**Attribute definition:**

Predicted tidal height at the waterline (in centimeters) from predictions at nearest tidal station

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: TideStation

Attribute definition:

Tide station used to assign tidal heights to physical profile measured

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: TideProgram

Attribute definition:

Program used to look up predicted tides

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: profile bearing

Attribute definition:

Physical Form - Profile Bearing

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: CoastalClass

Attribute definition:

Physical Form - Coastal Class taken from Physical Coastal Classification Table.

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: CoastalClassOriginal

Attribute definition:

As recorded in field

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: CoastalClass Notes

Attribute definition:

If estimated initial

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: max fetch km

Attribute definition:

Physical - maximum fetch at the site

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Fetch category

Attribute definition:

Physical based on max fetch or estimations

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Fetch Notes**Attribute definition:**

Is fetch from maps or field? Initials of estimator

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** DateCreated**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Lat_Deg_DecDeg**Attribute definition:**

Latitude in decimal degrees (type Single)

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Long_Deg_DecDeg**Attribute definition:**

Longitude in decimal degrees (type Single)

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Detailed description:

Entity type:

Entity type label: tblKeyword

Entity type definition:

5.1 photo keyword list, by photo includes March 17 10 updates

Entity type definition source:

database developer

Attribute:

Attribute label: PhotoID

Attribute definition:

Links keywords to the photoID

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Keyword

Attribute definition:

Keywords associated with a particular photo

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Detailed description:

Entity type:

Entity type label: tblLookupBioAreaCode

Entity type definition:

0.0 USE ME Bioarea LUT from SE07 deliverable as at Dec 09

Entity type definition source:

database developer

Attribute:

Attribute label: BioareaID

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: BIOAREA_CODE

Attribute definition:

Bioarea code

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: BIOAREA_NAME

Attribute definition:

Bioarea code name

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: BIOBAND_SUFFIX

Attribute definition:

Number used to identify bioband definitions for four lower intertidal biobands (HAL, RED, SBR, CHB) which are specific to different bioareas

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: GEOG_DESCRIPTION

Attribute definition:

Description of the geographic areas included in each bioarea

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Free entry text field.

Attribute:

Attribute label: BIOAREA_CHARACTERISTICS

Attribute definition:

Description of the general characteristics of the bioarea

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Free entry text field.

Detailed description:

Entity type:

Entity type label: tblLookupBiobandCode

Entity type definition:

0. USE ME updated Bioband definition LUT MR15 10

Entity type definition source:

database developer

Attribute:

Attribute label: ID

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: BioBand_ID

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: BiobandXShrOrder

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: BiobandCode

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** BiobandName**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** BiobandDescription**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** BiobandZone**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** BiobandColour**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: BiobandWaveExposure
Attribute definition:
-no description-
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: BoibandWebsiteHexCode
Attribute definition:
-no description-
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Detailed description:

Entity type:
Entity type label: tblLookUpCoastalClass
Entity type definition:
0. USE ME lookup table for Coastal Class JAN 15_10 from SE07 deliverable with additional corrections
Entity type definition source:
database developer

Attribute:
Attribute label: ID
Attribute definition:
-no description-
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: CoastalClass_Code
Attribute definition:
-no description-
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: Coastal_Class_Name
Attribute definition:
-no description-
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: Substrate
Attribute definition:
-no description-
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:
Attribute label: Sediment_Description
Attribute definition:
-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Width**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Slope**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Detailed description:**Entity type:****Entity type label:** tblLookupExpBio_Web**Entity type definition:**

lookup table for EXP_BIO codes

Entity type definition source:

database developer

Attribute:**Attribute label:** EXP_BIO**Attribute definition:**

Biological Exposure Codes for Lookup in station table

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Description**Attribute definition:**

Full Name of biological exposure.

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** ExpOrder**Attribute definition:**

Numeric ordering, from Very Protected to Very Exposed

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Detailed description:**Entity type:****Entity type label:** tblLookupHabitatClass_FULL**Entity type definition:**

0. USE ME for full fields for Hab Class lookup table MR 15 10

Entity type definition source:

database developer

Attribute:**Attribute label:** ID**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** HAB_CLASS_Code**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** HAB_CLASS_Ltrs**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** HAB_CLASS_Name**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: HC_Dom_Structuring_Process

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: HC_Substrate

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: HC_Substrate_Mobility

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: EXP_BIO

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Old_HAB_OBS

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Detailed description:

Entity type:

Entity type label: tblLookupOtherKeywords

Entity type definition:

5.1 photo keyword list, by photo

Entity type definition source:

database developer

Attribute:

Attribute label: Keyword

Attribute definition:

"Other" keywords associated with a particular photo (not a Bioband or species)

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Detailed description:

Entity type:

Entity type label: tblLookupSpeciesCode

Entity type definition:

0.0 USE ME Master Species list MARCH 16 10 INCLUDES updates for New Sci Names

Entity type definition source:

database developer

Attribute:

Attribute label: SppList_ID

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: SppName

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Common name

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: SppTxtCode

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: ClassificationLevel

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Field source not limited to list.

Attribute:

Attribute label: SpeciesNo

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: indicator or recurr spp?

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: URL_link

Attribute definition:

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** CreateDt**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Detailed description:**Entity type:****Entity type label:** tblLookupSpeciesCode_Synonym**Entity type definition:**

0.0 USE ME Synonyms to spp in Master Species List, incl ML updates to March 14 2010

Entity type definition source:

database developer

Attribute:**Attribute label:** SppList_ID**Attribute definition:**

Links to Master Species List tblLookupSpeciesCode

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** SynList_ID**Attribute definition:**

Unique identifier

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** SynSppName**Attribute definition:**

Scientific Name

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** SynCommonName**Attribute definition:**

Common Name

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** SynSppTxtCode**Attribute definition:**

Unique 6-Letter Code for species

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Detailed description:**Entity type:****Entity type label:** tblPhotos

Entity type definition:

5.0 photo jpg names and links to images

Entity type definition source:

database developer

Attribute:

Attribute label: PhotoID

Attribute definition:

Unqiue Photo ID number

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: FileSource

Attribute definition:

Location of the file on the network

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: Station

Attribute definition:

Station number that the photo is associated with

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: Photographer

Attribute definition:

Three initials to describe photographer

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Roll

Attribute definition:

Where 999 is a digital image

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Frame

Attribute definition:

Frame Number

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: ImageCategory

Attribute definition:

Station (STN), Geomorphic (GEO), Bioband (BND), Species (SPP)

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Unable to resolve domain.

Attribute:**Attribute label:** ImageFocus**Attribute definition:**

Code from the field of what the photograph was taken of (used for KATM photos only)

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

Field source not limited to list.

Attribute:**Attribute label:** GoodExample**Attribute definition:**

Mark good quality photos to be webposted

Attribute definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** False**Enumerated domain value definition:**

False

Enumerated domain value definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** True**Enumerated domain value definition:**

True

Enumerated domain value definition source:

database developer

Attribute:**Attribute label:** Description**Attribute definition:**

Description of the photograph

Attribute definition source:

database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:

Attribute label: FileLocation
Attribute definition:
Folder that the photo is located in
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:

Attribute label: ImageFileName
Attribute definition:
electronic image name in a jpg file.
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
No domain defined.

Attribute:

Attribute label: Photolink
Attribute definition:
link to open the image
Attribute definition source:
database developer

Attribute domain values:
Unrepresentable domain:
Free entry text field.

Attribute:

Attribute label: Pixel_x
Attribute definition:
Number of pixels in the x-direction

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Pixel_y**Attribute definition:**

Number of pixels in the y-direction

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Orientation**Attribute definition:**

Photo orientation: portrait or landscape

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Date**Attribute definition:**

Original date photo taken

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:

Attribute label: Time

Attribute definition:

Original time photo taken

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Aspect

Attribute definition:

ratio of x-pixels to y-pixels

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: CaptionConcat

Attribute definition:

Captions concatenated for web

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Free entry text field.

Detailed description:

Entity type:

Entity type label: tblPhy_Profile

Entity type definition:

1.1 Physical profiles by station

Entity type definition source:

database developer

Attribute:

Attribute label: Phy_ID

Attribute definition:

Unique record ID

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Station

Attribute definition:

Station Number

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Point

Attribute definition:

Entered from field, letter used to identify point (A starts at the HHW)

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Point_Interval

Attribute definition:

Concatenation of point letters to denote interval

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Substrate_srt

Attribute definition:

Profile point for top of substrate

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Substrate_end

Attribute definition:

Profile point for bottom of substrate

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Interval_Number

Attribute definition:

Number to order intervals from HHW to waterline

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Bioband

Attribute definition:

Bioband observed in that interval

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Horizontal_Distance**Attribute definition:**

Measured in metres

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Cumulative_Horizontal**Attribute definition:**

Calculated field

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** CumHoriz_srt**Attribute definition:**

Cumulative horizontal distance for start of point interval

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** CumHoriz_end**Attribute definition:**

Cumulative horizontal distance for end of point interval

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Vertical_Increment_Depth

Attribute definition:

Measured in centimetres

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: Cumulative_Vertical

Attribute definition:

Calculated field

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: CumVert_srt

Attribute definition:

Cumulative vertical distance for start of point interval

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:**Attribute label:** CumVert_end**Attribute definition:**

Cumulative vertical distance for end of point interval

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Substrate_Order**Attribute definition:**

Number to order substrate from HHW to waterline (used to group for web posting)

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Substrate**Attribute definition:**

Substrate entered from the field

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

Field source not limited to list.

Attribute:**Attribute label:** Substrate_Formatted**Attribute definition:**

Substrate formatted to match tblLookupSubstrateCodes

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:**Attribute label:** Substrate_Description**Attribute definition:**

Translation of Substrate Code (from tblLookupSubstrateCodes) into words for display on web

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** Notes**Attribute definition:**

Comments of the profile of the transect

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** DateCreated**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** band_ID**Attribute definition:**

Unique bioband identifier from tblBioBand

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Detailed description:

Entity type:

Entity type label: tblStationSpecies

Entity type definition:

3.0 Species associated with each band

Entity type definition source:

database developer

Attribute:

Attribute label: species_ID

Attribute definition:

Unique ID number

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: band_ID

Attribute definition:

BioBand ID - Links table to a bioband

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Unable to resolve domain.

Attribute:

Attribute label: SppTxtCode

Attribute definition:

SppTXtCode used for data entry, and links to lookup to allow queries using the full species name.

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

Unable to resolve domain.

Attribute:

Attribute label: SppTextCodeCombined

Attribute definition:

to combined a few spp names to standard one: Fucus, Lottia spp etc

Attribute definition source:

database developer

Attribute domain values:

Unrepresentable domain:

No domain defined.

Attribute:

Attribute label: abundance

Attribute definition:

A=Abundant; C=Common; F=Few; R=Rare

Attribute definition source:

database developer

Attribute domain values:

Enumerated domain:

Enumerated domain value: A

Enumerated domain value definition:

Abundant

Enumerated domain value definition source:

database developer

Attribute domain values:

Enumerated domain:

Enumerated domain value: C

Enumerated domain value definition:

Common

Enumerated domain value definition source:

database developer

Attribute domain values:

Enumerated domain:**Enumerated domain value:** F**Enumerated domain value definition:**

Few

Enumerated domain value definition source:

database developer

Attribute domain values:**Enumerated domain:****Enumerated domain value:** R**Enumerated domain value definition:**

Rare

Enumerated domain value definition source:

database developer

Attribute:**Attribute label:** microhab**Attribute definition:**

Tidepool; Underboulder; etc.

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** comments**Attribute definition:**

Comments about a particular species.

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** oldBand_ID**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Attribute:**Attribute label:** CreatedDate**Attribute definition:**

-no description-

Attribute definition source:

database developer

Attribute domain values:**Unrepresentable domain:**

No domain defined.

Overview description:**Entity and attribute overview:**

A point feature class for map display of the stations was generated from table tblFieldStationHeader_web, using data from the fields Lat_Deg_DecDeg and Long_Deg_DecDeg.

Entity and attribute detail citation:

Database developer

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Distribution Information:**Distributor:****Contact information:****Contact organization primary:****Contact person:** Mary Morris**Contact organization:** Archipelago Marine Research Ltd.**Contact position:** Project PI**Contact address:****Address type:** mailing and physical

Address:

525 Head Street

City: Victoria**State or province:** British Columbia**Postal code:** V9A 5S1**Country:** Canada**Contact voice telephone:** 1-250-383-4535**Contact voice telephone:** 1-250-383-1463**Contact facsimile telephone:** 1-250-383-0103**Contact electronic mail address:** marym@archipelago.ca**Contact electronic mail address:** saupe@circac.org**Contact instructions:**

The e-mail address directs you to the person most knowledgeable about this data. If an alternative contact person becomes necessary, contact: Steve Lewis at 907-586-7858 or steve.lewis@noaa.gov.

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Metadata Reference Information:**Metadata date:** 20100309**Metadata contact:****Contact information:****Contact organization primary:****Contact person:** Mary Morris**Contact organization:** Archipelago Marine Research Ltd.

Contact address:**Address type:** mailing and physical**Address:**

525 Head Street

City: Victoria**State or province:** British Columbia**Postal code:** V9A 5S1**Country:** Canada**Contact voice telephone:** 1-250-383-4535**Contact voice telephone:** 1-250-383-1463**Contact electronic mail address:** marym@archipelago.ca**Contact electronic mail address:** saupe@circac.org**Contact instructions:**

The e-mail address directs you to the person most knowledgeable about the data. If an alternative contact person becomes necessary, contact: Steve Lewis at 907-586-7858 or steve.lewis@noaa.gov.

Metadata standard name: FGDC Biological Data Profile of the Content Standard for Digital Geospatial Metadata**Metadata standard version:** FGDC-STD-001.1-1999[Back to Top](#)