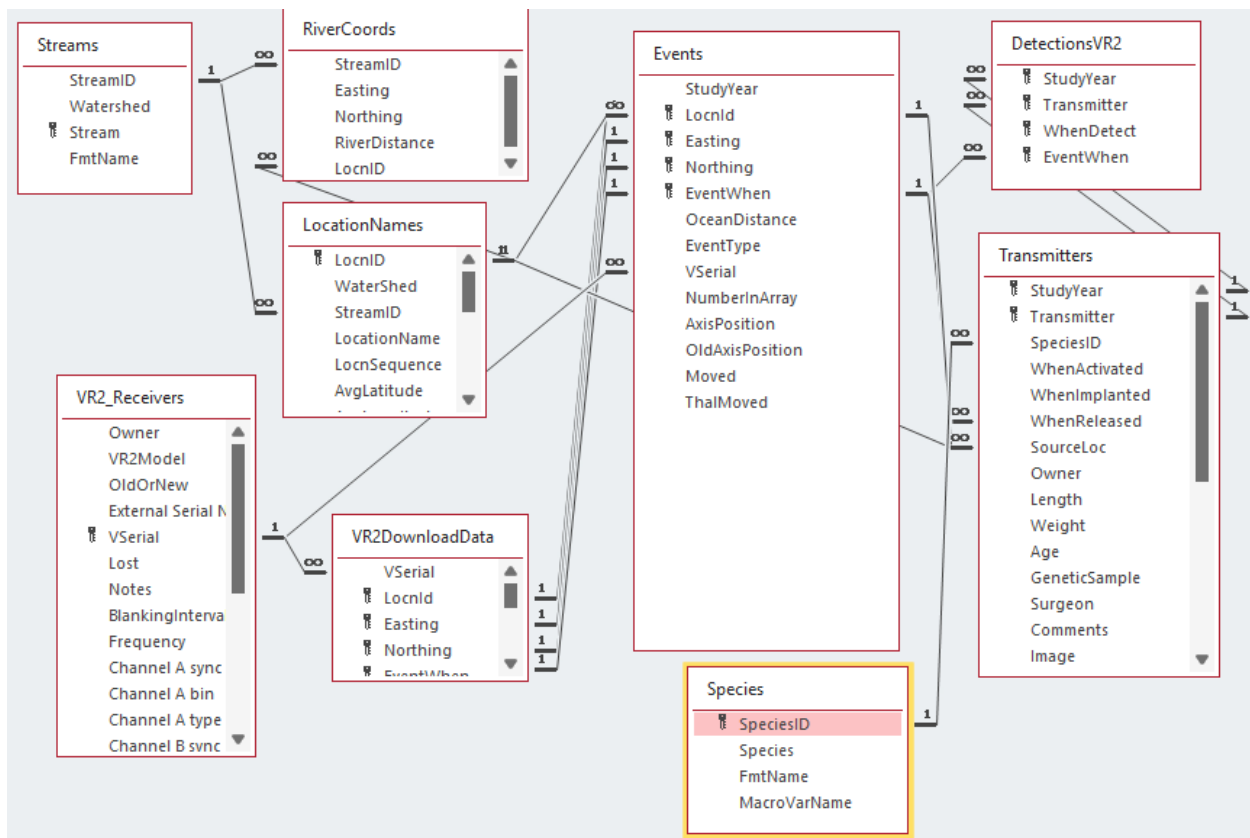


Information about the database Salmon Utilization of Estuarine Habitat

The dataset Salmon Utilization of Estuarine Habitat contains tables holding information on a telemetry study of salmonid smolt migration done in Oregon's Yaquina and Alsea estuaries from 2004 to 2007. A portion of this research has been published as Johnson et al. (2010).

The data are contained in an Access relational database, and it is recommended that the user view the relationships in the database to understand its structure. After opening the database, the relationships can be view by selecting the menu sequence Database Tools and clicking on the Relationships icon in the application ribbon.

Below is a screen shot of the major relationships in the database:



The tables in the database are as follows:

- 1) **Streams**: Contains place names of streams in the study.
- 2) **RiverCoords**: The UTM coordinates of the thalweg of the rivers, streams, and estuaries in the study.
- 3) **LocationNames**: The geographic location names in the study.
- 4) **VR2_Receivers**: The characteristics of the Vemco hydroacoustic receivers used in the study.
- 5) **VR2DownloadData**: Information from the headers of the VR2 downloaded data.
- 6) **Events**: This table contains the date and time, and location of all “events” that occurred in this study. The event type is contained in the table field *Event* and indicates when and where fish were released, when receivers where deployed, downloaded, or recovered.
- 7) **DetectionsVR2**: This table contains the detections of individual fish in the study

- 8) **Transmitters:** This table contains information about each fish that was tagged in the study, and the characteristics of implanted transmitters.
- 9) **Species:** The species of fish that were tagged with transmitters.

Reference:

Johnson, S.L., J.H. Power, D.R. Wilson, and J. Ray. 2010. A comparison of the survival and migratory behavior of hatchery reared and naturally-reared steelhead smolts in the Alsea River and estuary (Oregon) using acoustic telemetry. North American Journal of Fisheries Management. 30:55-71.

The following pages were created using the Access Database Documenter utility, which provides detailed information about the contents of the database, including the characteristics of tables, their fields, and the relationships among tables.

Properties

DateCreated:	10/30/2007 4:23:31 PM	DefaultView:	2
Description:	01 Detects06: Codes used in table DetectionsInvalidVR2 to indicate why the record is considered to be invalid.	DisplayViewsOnSharePointSi	1
FilterOnLoad:	False	GUID:	{guid {D22305B7-8696-47AC-9EF1-86BF48A24B20}}
HideNewField:	True	LastUpdated:	05/20/2025 10:57:32 AM
OrderBy:	[DetectionCodes].[Code]	OrderByOn:	True
OrderByOnLoad:	True	Orientation:	Left-to-Right
RecordCount:	10	SubdatasheetName:	[Auto]
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
Code	Short Text	1
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
Caption:	Reason code	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	Default	
DataUpdatable:	False	
DisplayControl:	Text Box	
GUID:	{guid {526A8583-4E02-4EFB-844D-71CBE47DFC68}}	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	0	
Precision:	1033	
Required:	True	
Scale:	0	
SourceField:	Code	
SourceTable:	DetectionCodes	
TextAlign:	General	
UnicodeCompression:	True	
Reason	Short Text	255
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	7500	
DataUpdatable:	False	
DisplayControl:	Text Box	
GUID:	{guid {B5E2B993-AAC2-427D-94EC-6A173CC05BD2}}	

Table: DetectionCodes

Page: 2

IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	1
Precision:	1033
Required:	True
Scale:	0
SourceField:	Reason
SourceTable:	DetectionCodes
TextAlign:	General
UnicodeCompression:	True

Table Indexes

Name	Number of Fields
Code	1
Clustered:	False
DistinctCount:	10
Foreign:	False
IgnoreNulls:	False
Name:	Code
Primary:	False
Required:	False
Unique:	False
Fields:	
Code	Ascending
PrimaryKey	1
Clustered:	False
DistinctCount:	10
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
Code	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	09/10/2007 9:41:11 AM
DefaultView:	2	Description:	01 Detects01: Detections by VR2 receivers
DisplayViewsOnSharePointSi	1	Filter:	([DetectionsVR2].[Transmitter]=666)
FilterOnLoad:	False	GUID:	{guid {36AD6604-509B-47F4-96FD-76B3DF893199}}
HideNewField:	True	LastUpdated:	05/20/2025 11:08:19 AM
LinkChildFields:	StudyYear;EventWhen	LinkMasterFields:	StudyYear;EventWhen
OrderBy:	[DetectionsVR2].[StudyYear], [DetectionsVR2].[Transmitter], [DetectionsVR2].[WhenDetect]	OrderByOn:	True
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordCount:	206691
SubdatasheetExpanded:	False	SubdatasheetHeight:	0
SubdatasheetName:	Table.Events	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
StudyYear	Long Integer	4
AggregateType:	-1	
AllowMultipleValues:	False	
AllowValueListEdits:	False	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Fixed Size	
BoundColumn:	1	
Caption:	Study year	
CollatingOrder:	General	
ColumnCount:	1	
ColumnHeads:	False	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	Default	
CurrencyLCID:	0	
DataUpdatable:	False	
DecimalPlaces:	Auto	
Description:	Study year [StudyYear]	
DisplayControl:	Combo Box	
LimitToList:	False	
ListRows:	8	
ListWidth:	0twip	
OrdinalPosition:	0	
Precision:	1033	
Required:	True	
ResultType:	0	

Table: DetectionsVR2

Page: 4

RowSource: 4;5;6;7
RowSourceType: Value List
Scale: 0
ShowOnlyRowSourceValues: False
SourceField: StudyYear
SourceTable: DetectionsVR2
TextAlign: General

Transmitter Long Integer 4

AggregateType: -1
AllowMultipleValues: False
AllowValueListEdits: False
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
BoundColumn: 1
Caption: Transmitter
CollatingOrder: General
ColumnCount: 2
ColumnHeads: False
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
ColumnWidths: 1440;0
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
Description: Transmitter [Transmitter]
DisplayControl: Combo Box
LimitToList: True
ListRows: 50
ListWidth: 1440twip
OrdinalPosition: 1
Precision: 1033
Required: True
ResultType: 0
RowSource: SELECT Transmitters.Transmitter, Transmitters.WhenReleased FROM
Transmitters WHERE (((Transmitters.WhenReleased) Is Not Null))
ORDER BY Transmitters.Transmitter;
RowSourceType: Table/Query
Scale: 0
ShowOnlyRowSourceValues: False
SourceField: Transmitter
SourceTable: DetectionsVR2
TextAlign: General

WhenDetect Date With Time 8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: When detected
CollatingOrder: General
ColumnHidden: False

Table: DetectionsVR2

Page: 5

ColumnOrder:	Default
ColumnWidth:	3255
CurrencyLCID:	0
DataUpdatable:	False
Description:	When detected [WhenDetect]
Format:	m/d/yy h:nn:ss
GUID:	{guid {2FBBC52D-4205-4A17-815F-3F8BFCF4D501}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	2
Precision:	1033
Required:	True
ResultType:	0
Scale:	0
ShowDatePicker:	For dates
SourceField:	WhenDetect
SourceTable:	DetectionsVR2
TextAlign:	General

EventWhen

Date With Time

8

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	3030
CurrencyLCID:	0
DataUpdatable:	False
Description:	When VR2 was downloaded
Format:	m/d/yy h:nn
GUID:	{guid {31B674F6-073C-4617-8E87-64C2F71364CD}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	3
Precision:	1033
Required:	True
ResultType:	0
Scale:	0
ShowDatePicker:	For dates
SourceField:	EventWhen
SourceTable:	DetectionsVR2
TextAlign:	General

Relationships

EventsDetectionsVR2

Events		DetectionsVR2
EventWhen	1 ∞	EventWhen

Attributes: Enforced, Cascade Updates, Cascade Deletes
RelationshipType: One-To-Many

TransmittersDetectionsVR2

Transmitters		DetectionsVR2
StudyYear	1 ∞	StudyYear
Transmitter	1 ∞	Transmitter

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
EventsDetectionsVR2	1
Clustered:	False
DistinctCount:	434
Foreign:	True
IgnoreNulls:	False
Name:	EventsDetectionsVR2
Primary:	False
Required:	False
Unique:	False
Fields:	
EventWhen	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	206691
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
StudyYear	Ascending
Transmitter	Ascending
WhenDetect	Ascending
EventWhen	Ascending
TransmittersDetectionsVR2	2
Clustered:	False
DistinctCount:	389
Foreign:	True

Table: DetectionsVR2

IgnoreNulls:	False
Name:	TransmittersDetectionsVR2
Primary:	False
Required:	False
Unique:	False
Fields:	
StudyYear	Ascending
Transmitter	Ascending
YearAndTransmitter	2
Clustered:	False
DistinctCount:	389
Foreign:	False
IgnoreNulls:	False
Name:	YearAndTransmitter
Primary:	False
Required:	False
Unique:	False
Fields:	
StudyYear	Ascending
Transmitter	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	09/13/2007 4:42:23 PM
DefaultView:	2	Description:	01 Events: Download information, including locations and data files
DisplayViewsOnSharePointSi	1	Filter:	([Events].[StudyYear]=2007)
FilterOnLoad:	False	GUID:	{guid {4E4C0F26-D9B4-4332- AD47-72B3D2FF9762}}
HideNewField:	True	LastUpdated:	05/20/2025 11:08:19 AM
LinkChildFields:	EventWhen	LinkMasterFields:	EventWhen
OrderBy:	[Events].[OceanDistance] DESC, [Events].[EventWhen], [Events].[VSerial]	OrderByOn:	True
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordCount:	880
SubdatasheetName:	Table.DetectionsVR2Secondary	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
StudyYear	Long Integer	4
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Fixed Size	
Caption:	Study year	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	1725	
CurrencyLCID:	0	
DataUpdatable:	False	
DecimalPlaces:	Auto	
Description:	Location & receiver data: One character study year [StudyYear]	
DisplayControl:	Text Box	
OrdinalPosition:	0	
Precision:	1033	
Required:	False	
ResultType:	0	
Scale:	0	
SourceField:	StudyYear	
SourceTable:	Events	
TextAlign:	General	
LocnId	Short Text	3
AggregateType:	-1	
AllowMultipleValues:	False	
AllowValueListEdits:	False	
AllowZeroLength:	True	

Table: Events

Page: 9

AppendOnly:	False
Attributes:	Variable Length
BoundColumn:	1
Caption:	Location
CollatingOrder:	General
ColumnCount:	2
ColumnHeads:	False
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	4470
ColumnWidths:	0;1440
CurrencyLCID:	0
DataUpdatable:	False
Description:	Location data: ID to reference to location [LocnId]
DisplayControl:	Combo Box
GUID:	{guid {AF25DB9F-6F39-4219-ADAB-3040A0903E08}}
IMEMode:	0
IMESentenceMode:	3
LimitToList:	True
ListRows:	16
ListWidth:	1440twip
OrdinalPosition:	1
Precision:	1033
Required:	True
ResultType:	0
RowSource:	SELECT [LocationNames].[LocnID], [LocationNames].[LocationName] FROM [LocationNames] ORDER BY [LocationName];
RowSourceType:	Table/Query
Scale:	0
ShowOnlyRowSourceValues:	False
SourceField:	LocnId
SourceTable:	Events
TextAlign:	General
UnicodeCompression:	False

Easting

Double

8

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
Caption:	UTM Easting
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	1545
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	0
Description:	Location data: UTM Easting coordinates of receiver deployment location [Easting]
DisplayControl:	Text Box
Format:	Standard
GUID:	{guid {7475575D-077A-402E-B944-71A6DC80DF98}}
OrdinalPosition:	2
Precision:	1033

Table: Events

Page: 10

Required:	True		
ResultType:	0		
Scale:	0		
SourceField:	Easting		
SourceTable:	Events		
TextAlign:	General		
Northing		Double	8
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Fixed Size		
Caption:	UTM Northing		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2205		
CurrencyLCID:	0		
DataUpdatable:	False		
DecimalPlaces:	0		
Description:	Location data: UTM Northing coordinates of receiver deployment location [[Northing]		
DisplayControl:	Text Box		
Format:	Standard		
GUID:	{guid {4E856D85-DCBC-4CB3-9BAC-75F6CFD94053}}		
OrdinalPosition:	3		
Precision:	1033		
Required:	True		
ResultType:	0		
Scale:	0		
SourceField:	Northing		
SourceTable:	Events		
TextAlign:	General		
EventWhen		Date With Time	8
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Fixed Size		
Caption:	VR2 clock at event (PST)		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	3345		
CurrencyLCID:	0		
DataUpdatable:	False		
Description:	Receiver data: VR2 clock's time when download occurred, all corrected to PST [EventWhen]		
Format:	m/d/yy h:nn		
GUID:	{guid {1D81D087-804A-4C25-95F4-94B8F439F047}}		
IMEMode:	0		
IMESentenceMode:	3		
OrdinalPosition:	4		
Precision:	1033		
Required:	True		

Table: Events

Page: 11

ResultType:	0		
Scale:	0		
ShowDatePicker:	For dates		
SourceField:	EventWhen		
SourceTable:	Events		
TextAlign:	General		
OceanDistance		Single	4
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Fixed Size		
Caption:	Distance from ocean (km)		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2550		
CurrencyLCID:	0		
DataUpdatable:	False		
DecimalPlaces:	3		
Description:	Location data calculated: Receiver location's distance from ocean in km. Calculated using routine SetRiverKM [RiverDistance]		
DisplayControl:	Text Box		
Format:	Fixed		
GUID:	{guid {26718AB5-3313-4467-AAEF-B9B23851A97F}}		
OrdinalPosition:	5		
Precision:	1033		
Required:	False		
ResultType:	0		
Scale:	0		
SourceField:	OceanDistance		
SourceTable:	Events		
TextAlign:	General		
EventType		Short Text	30
AggregateType:	-1		
AllowMultipleValues:	False		
AllowValueListEdits:	False		
AllowZeroLength:	True		
AppendOnly:	False		
Attributes:	Variable Length		
BoundColumn:	1		
Caption:	Event		
CollatingOrder:	General		
ColumnCount:	1		
ColumnHeads:	False		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2130		
CurrencyLCID:	0		
DataUpdatable:	False		
Description:	Location & receiver data: The event that occurred at this observation - deployment, download, recovery, lab download [EventType]		
DisplayControl:	Text Box		

Table: Events

Page: 12

GUID: {guid {EFD2FB31-A691-499C-A951-1EFAF6EDB1C9}}
 IMEMode: 0
 IMESentenceMode: 3
 LimitToList: True
 ListRows: 8
 ListWidth: 0twip
 OrdinalPosition: 6
 Precision: 1033
 Required: False
 ResultType: 0
 RowSource: Download;Deployment;Mobile;Release;Recovery;In lab
download;Reposition;Reinitialize;added
 RowSourceType: Value List
 Scale: 0
 ShowOnlyRowSourceValues: False
 SourceField: EventType
 SourceTable: Events
 TextAlign: General
 UnicodeCompression: True

VSerial

Short Text

4

AggregateType: -1
 AllowMultipleValues: False
 AllowValueListEdits: False
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Variable Length
 BoundColumn: 1
 Caption: Receiver at this location
 CollatingOrder: General
 ColumnCount: 1
 ColumnHeads: False
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: 2115
 CurrencyLCID: 0
 DataUpdatable: False
 Description: Receiver data: Internal serial number of receiver [VSerial]
 DisplayControl: Combo Box
 GUID: {guid {C83BDE3D-130E-43DF-96B0-3DCE28484E10}}
 IMEMode: 0
 IMESentenceMode: 3
 LimitToList: False
 ListRows: 16
 ListWidth: 0twip
 OrdinalPosition: 7
 Precision: 1033
 Required: False
 ResultType: 0
 RowSource: VR2_Receiveers
 RowSourceType: Table/Query
 Scale: 0
 ShowOnlyRowSourceValues: False
 SourceField: VSerial
 SourceTable: Events

Table: Events

Page: 13

TextAlign:	General		
UnicodeCompression:	False		
NumberInArray		Long Integer	4
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Fixed Size		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2490		
CurrencyLCID:	0		
DataUpdatable:	False		
DecimalPlaces:	Auto		
Description:	Number of receivers in array		
DisplayControl:	Text Box		
OrdinalPosition:	8		
Precision:	1033		
Required:	False		
ResultType:	0		
Scale:	0		
SourceField:	NumberInArray		
SourceTable:	Events		
TextAlign:	General		
AxisPosition		Short Text	1
AggregateType:	-1		
AllowZeroLength:	True		
AppendOnly:	False		
Attributes:	Variable Length		
Caption:	Axis upstream or downstream		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
CurrencyLCID:	0		
DataUpdatable:	False		
Description:	Receiver is upstream or downstream in array		
DisplayControl:	Text Box		
IMEMode:	0		
IMESentenceMode:	3		
OrdinalPosition:	9		
Precision:	1033		
Required:	False		
ResultType:	0		
Scale:	0		
SourceField:	AxisPosition		
SourceTable:	Events		
TextAlign:	Left		
UnicodeCompression:	True		
OldAxisPosition		Long Integer	4
AggregateType:	-1		
AllowZeroLength:	False		

Table: Events

Page: 14

AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
Description:	Position along river axis, proceeding downstream, i.e. 1 =Upstream
DisplayControl:	Text Box
OrdinalPosition:	10
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	OldAxisPosition
SourceTable:	Events
TextAlign:	General

Moved

Single

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
Caption:	Distance receiver moved from previous position
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2640
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	1
Description:	Location data and prior location data: Distance (m) receiver moved from previous position [Moved]
DisplayControl:	Text Box
Format:	Fixed
GUID:	{guid {102609DD-BFC0-4BB7-B5A4-B506F831C30D}}
OrdinalPosition:	11
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Moved
SourceTable:	Events
TextAlign:	General

ThalMoved

Single

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
Caption:	Distance receiver moved along thalweg
CollatingOrder:	General
ColumnHidden:	False

ColumnOrder:	Default
ColumnWidth:	12255
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	1
Description:	Location data and prior location data: Distance (m) receiver moved along thalweg from previous position [ThalMoved]
DisplayControl:	Text Box
Format:	Fixed
GUID:	{guid {20708F96-DEB2-451F-918F-D80B6F2EA839}}
OrdinalPosition:	12
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	ThalMoved
SourceTable:	Events
TextAlign:	General

Relationships

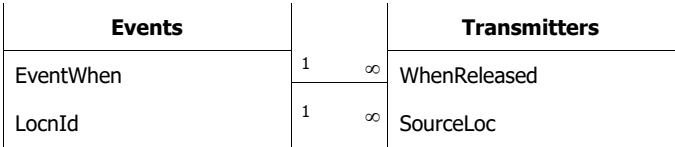
EventsDetectionsVR2



Attributes:

RelationshipType: Enforced, Cascade Updates, Cascade Deletes
One-To-Many

EventsTransmitters



Attributes:

RelationshipType: Enforced, Cascade Updates
One-To-Many

EventsVR2DownloadData

Events			VR2DownloadData
LocnId	1	1	LocnId
Easting	1	1	Easting
Northing	1	1	Northing
EventWhen	1	1	EventWhen

Attributes: Unique, Enforced, Cascade Updates
RelationshipType: One-To-One

LocationNamesEvents

LocationNames			Events
LocnID	1	∞	LocnId

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

VR2_ ReceiversEvents

VR2_ Receivers			Events
VSerial	1	∞	VSerial

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
LocationNamesEvents	1
Clustered:	False
DistinctCount:	37
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
LocnId	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False

Table: Events

Page: 17

Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
LocnId	Ascending
Easting	Ascending
Northing	Ascending
EventWhen	Ascending
UniqueLocnAndWhen	2
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	UniqueLocnAndWhen
Primary:	False
Required:	False
Unique:	True
Fields:	
EventWhen	Ascending
LocnId	Ascending
VR2_ReceiversEvents	1
Clustered:	False
DistinctCount:	52
Foreign:	True
IgnoreNulls:	False
Name:	VR2_ReceiversEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
VSerial	Ascending
When	1
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	When
Primary:	False
Required:	False
Unique:	True
Fields:	
EventWhen	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	07/29/2024 9:37:47 AM
DefaultView:	2	DisplayViewsOnSharePointSi	1
FilterOnLoad:	False	GUID:	{guid {642B1288-0833-49C7-9E4A-7D099A2576B9}}
HideNewField:	False	LastUpdated:	05/20/2025 11:03:46 AM
OrderByOn:	False	OrderByOnLoad:	True
Orientation:	Left-to-Right	PublishToWeb:	1
RecordCount:	31	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
Location	Short Text	255
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
CurrencyLCID:	0	
DataUpdatable:	False	
OrdinalPosition:	1	
Precision:	1033	
Required:	False	
Scale:	0	
SourceField:	Location	
SourceTable:	LatLonin	
TextAlign:	General	
AvgOflongitude	Double	8
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	4605	
CurrencyLCID:	0	
DataUpdatable:	False	
OrdinalPosition:	2	
Precision:	1033	
Required:	False	
Scale:	0	
SourceField:	AvgOflongitude	

Table: LatLonin

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SourceTable:	LatLonin		
TextAlign:	General		
AvgOfLatitude		Double	8
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Variable Length		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
CurrencyLCID:	0		
DataUpdatable:	False		
OrdinalPosition:	3		
Precision:	1033		
Required:	False		
Scale:	0		
SourceField:	AvgOfLatitude		
SourceTable:	LatLonin		
TextAlign:	General		

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	08/30/2007 3:18:22 PM
DefaultView:	2	Description:	Geo02: Names for general locations
DisplayViewsOnSharePointSi	1	Filter:	([LocationNames].[WaterShed]= "Alsea")
FilterOnLoad:	False	GUID:	{guid {E63B8D4B-ED81-41D8-90E1-E713F327728B}}
HideNewField:	True	LastUpdated:	05/20/2025 11:08:18 AM
LinkChildFields:	LocnId	LinkMasterFields:	LocnID
OrderBy:	[LocationNames].[LocnSequence], [LocationNames].[LocnID], [LocationNames].[MeanRiverDistance]	OrderByOn:	True
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordCount:	43
SubdatasheetExpanded:	False	SubdatasheetHeight:	0
SubdatasheetName:	Table.Events	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
LocnID	Short Text	3
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	1260	
CurrencyLCID:	0	
DataUpdatable:	False	
Description:	[LocnID]	
DisplayControl:	Text Box	
GUID:	{guid {9BA6CAAD-F84D-455A-B4AB-2A014D9567F6}}	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	0	
Precision:	1033	
Required:	True	
ResultType:	0	
Scale:	0	
SourceField:	LocnID	
SourceTable:	LocationNames	
TextAlign:	General	
UnicodeCompression:	False	

Table: LocationNames
WaterShed

Page: 21
7

	Short Text
AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	1
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	WaterShed
SourceTable:	LocationNames
TextAlign:	General
UnicodeCompression:	True

StreamID

Short Text

3

AggregateType:	-1
AllowMultipleValues:	False
AllowValueListEdits:	False
AllowZeroLength:	True
AppendOnly:	False
Attributes:	Variable Length
BoundColumn:	1
Caption:	Stream
CollatingOrder:	General
ColumnCount:	2
ColumnHeads:	False
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2040
ColumnWidths:	0;2880
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Combo Box
GUID:	{guid {961520E5-AD58-4F7B-B2B9-DA195483BAD8}}
IMEMode:	0
IMESentenceMode:	3
LimitToList:	True
ListRows:	50
ListWidth:	2880twip
OrdinalPosition:	2
Precision:	1033
Required:	True
ResultType:	0
RowSource:	SELECT Streams.StreamID, Streams.Stream FROM Streams ORDER BY Streams.Stream;
RowSourceType:	Table/Query

Table: LocationNames

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Scale: 0
ShowOnlyRowSourceValues: False
SourceField: StreamID
SourceTable: LocationNames
TextAlign: General
UnicodeCompression: False

LocationName Short Text 64

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
Caption: Location
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 6525
CurrencyLCID: 0
DataUpdatable: False
Description: [LocationName]
DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 3
Precision: 1033
Required: True
ResultType: 0
Scale: 0
SourceField: LocationName
SourceTable: LocationNames
TextAlign: General
UnicodeCompression: False

LocnSequence Byte 1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 2325
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
DisplayControl: Text Box
GUID: {guid {23D538EA-EA60-45BB-8CFF-E8BB70374EAF}}
OrdinalPosition: 4
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: LocnSequence
SourceTable: LocationNames
TextAlign: General

Table: LocationNames
AvgLatitude

Double

Page: 23
8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: 3
DisplayControl: Text Box
Format: Fixed
OrdinalPosition: 5
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: AvgLatitude
SourceTable: LocationNames
TextAlign: General

AvgLongitude

Double

8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: 3
DisplayControl: Text Box
Format: Fixed
OrdinalPosition: 6
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: AvgLongitude
SourceTable: LocationNames
TextAlign: General

MeanRiverDistance

Single

4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: Mean distance from ocean
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default

Table: LocationNames

Page: 24

ColumnWidth: 4290
 CurrencyLCID: 0
 DataUpdatable: False
 DecimalPlaces: 3
 DisplayControl: Text Box
 Format: Fixed
 GUID: {guid {0447DC2E-8A68-4D27-AA53-C0A6E8A19D22}}
 OrdinalPosition: 7
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: MeanRiverDistance
 SourceTable: LocationNames
 TextAlign: General

Tidal

Short Text

1

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Variable Length
 Caption: Tidal waters
 CollatingOrder: General
 ColumnHidden: True
 ColumnOrder: Default
 ColumnWidth: 2640
 CurrencyLCID: 0
 DataUpdatable: False
 DisplayControl: Text Box
 GUID: {guid {1BAD9713-C4A9-4424-84D8-FE5736626990}}
 IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 8
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: Tidal
 SourceTable: LocationNames
 TextAlign: General
 UnicodeCompression: True

ArrayType

Short Text

1

AggregateType: -1
 AllowZeroLength: True
 AppendOnly: False
 Attributes: Variable Length
 CollatingOrder: General
 ColumnHidden: True
 ColumnOrder: Default
 ColumnWidth: 1890
 CurrencyLCID: 0
 DataUpdatable: False
 Description: T=Transverse, across river, L=Longitudinal, along channel; A=Array;
 S: Single; D: Diamond pattern
 DisplayControl: Text Box

Table: LocationNames

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GUID: {guid {5B7CF502-60DD-4E18-92A7-03C61E75B049}}
 IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 9
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: ArrayType
 SourceTable: LocationNames
 TextAlign: General
 UnicodeCompression: True

MacroVarName Short Text 32

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Variable Length
 CollatingOrder: General
 ColumnHidden: True
 ColumnOrder: Default
 ColumnWidth: 4725
 CurrencyLCID: 0
 DataUpdatable: False
 DisplayControl: Text Box
 GUID: {guid {6F62B5FA-2F2B-4919-9154-72403087F2C8}}
 IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 10
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: MacroVarName
 SourceTable: LocationNames
 TextAlign: General
 UnicodeCompression: True

Number in 2004 and 2005 Byte 1

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 CollatingOrder: General
 ColumnHidden: True
 ColumnOrder: Default
 ColumnWidth: 2715
 CurrencyLCID: 0
 DataUpdatable: False
 DecimalPlaces: Auto
 Description: Number of receivers
 DisplayControl: Text Box
 GUID: {guid {654D4A1B-DC9E-42DE-812D-DCDE641C505C}}
 OrdinalPosition: 11
 Precision: 1033

Table: LocationNames

Page: 26

Required: False
ResultType: 0
Scale: 0
SourceField: Number in 2004 and 2005
SourceTable: LocationNames
TextAlign: General

Number in 2006 Byte 1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default
ColumnWidth: 2655
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
Description: Number of receivers
DisplayControl: Text Box
GUID: {guid {4E845EBC-3690-4F11-88E1-A6ACFD3174D9}}
OrdinalPosition: 12
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Number in 2006
SourceTable: LocationNames
TextAlign: General

Number in 2007 Byte 1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default
ColumnWidth: 2520
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
Description: Number of receivers
DisplayControl: Text Box
GUID: {guid {99AA7561-CEB7-4B9A-B622-02DF9D7D2356}}
OrdinalPosition: 13
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Number in 2007
SourceTable: LocationNames
TextAlign: General

Table: LocationNames

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3

AbbrLocationName	Short Text
AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
GUID:	{guid {D8DF1973-6A33-4B4D-85A7-431CF4726F01}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	14
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	AbbrLocationName
SourceTable:	LocationNames
TextAlign:	General
UnicodeCompression:	True

FmtNameL	Short Text	7
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2280	
CurrencyLCID:	0	
DataUpdatable:	False	
DisplayControl:	Text Box	
GUID:	{guid {1718C79C-74DB-45CF-B2AE-F9B234F2D17C}}	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	15	
Precision:	1033	
Required:	True	
ResultType:	0	
Scale:	0	
SourceField:	FmtNameL	
SourceTable:	LocationNames	
TextAlign:	General	
UnicodeCompression:	True	

FmtNameA	Short Text	7
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	

Table: LocationNames

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CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2085
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
GUID:	{guid {BE429E1D-1D57-421D-B3F1-F1BC913D39E8}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	16
Precision:	1033
Required:	True
ResultType:	0
Scale:	0
SourceField:	FmtNameA
SourceTable:	LocationNames
TextAlign:	General
UnicodeCompression:	True

ReachStart

Short Text

1

AggregateType:	-1
AllowZeroLength:	True
AppendOnly:	False
Attributes:	Variable Length
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2340
CurrencyLCID:	0
DataUpdatable:	False
Description:	Starting location in a river reach
DisplayControl:	Text Box
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	17
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	ReachStart
SourceTable:	LocationNames
TextAlign:	General
UnicodeCompression:	True

Relationships

LocationNamesEvents

LocationNames		Events
LocnID	1 ∞	LocnId

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

LocationNamesRiverCoords

LocationNames		RiverCoords
LocnID	1 ∞	LocnID

Attributes: Enforced
RelationshipType: One-To-Many

LocationNamesTransmitters

LocationNames		Transmitters
LocnID	1 ∞	SourceLoc

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

StreamsLocationNames

Streams		LocationNames
StreamID	1 ∞	StreamID

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
AbbrLocationName	1
Clustered:	False
DistinctCount:	33
Foreign:	False
IgnoreNulls:	False
Name:	AbbrLocationName
Primary:	False
Required:	False
Unique:	True

Table: LocationNames

Page: 30

Fields:	
AbbrLocationName	Ascending
LocationName	1
Clustered:	False
DistinctCount:	42
Foreign:	False
IgnoreNulls:	False
Name:	LocationName
Primary:	False
Required:	False
Unique:	False
Fields:	
LocationName	Ascending
LocnID	1
Clustered:	False
DistinctCount:	43
Foreign:	False
IgnoreNulls:	False
Name:	LocnID
Primary:	False
Required:	False
Unique:	True
Fields:	
LocnID	Ascending
MacroVarName	1
Clustered:	False
DistinctCount:	43
Foreign:	False
IgnoreNulls:	False
Name:	MacroVarName
Primary:	False
Required:	False
Unique:	True
Fields:	
MacroVarName	Ascending
Number in 2004 and 2005	1
Clustered:	False
DistinctCount:	5
Foreign:	False
IgnoreNulls:	False
Name:	Number in 2004 and 2005
Primary:	False
Required:	False
Unique:	False
Fields:	
Number in 2004 and 2005	Ascending
Number in 2006	1
Clustered:	False
DistinctCount:	5
Foreign:	False
IgnoreNulls:	False
Name:	Number in 2006
Primary:	False

Table: LocationNames

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Required:	False
Unique:	False
Fields:	
Number in 2006	Ascending
Number in 2007	1
Clustered:	False
DistinctCount:	7
Foreign:	False
IgnoreNulls:	False
Name:	Number in 2007
Primary:	False
Required:	False
Unique:	False
Fields:	
Number in 2007	Ascending
PrimaryKey	1
Clustered:	False
DistinctCount:	43
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
LocnID	Ascending
StreamsLocationNames	1
Clustered:	False
DistinctCount:	12
Foreign:	True
IgnoreNulls:	False
Name:	StreamsLocationNames
Primary:	False
Required:	False
Unique:	False
Fields:	
StreamID	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	08/30/2007 3:19:42 PM
DefaultView:	2	Description:	Geo03: Stream and river thalweg coordinates
DisplayViewsOnSharePointSi	1	Filter:	([RiverCoords].[RiverDistance] ≤19.2)
FilterOnLoad:	False	GUID:	{guid {FE0DD63D-9BF4-42F1- B1F6-025D7B26F4D5}}
HideNewField:	False	LastUpdated:	05/20/2025 11:08:18 AM
OrderByOn:	False	OrderByOnLoad:	True
Orientation:	Left-to-Right	PublishToWeb:	1
RecordCount:	35915	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
StreamID	Short Text	3
AggregateType:	-1	
AllowMultipleValues:	False	
AllowValueListEdits:	False	
AllowZeroLength:	True	
AppendOnly:	False	
Attributes:	Variable Length	
BoundColumn:	1	
Caption:	Stream	
CollatingOrder:	General	
ColumnCount:	2	
ColumnHeads:	False	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	2325	
ColumnWidths:	0;2880	
CurrencyLCID:	0	
DataUpdatable:	False	
DisplayControl:	Combo Box	
GUID:	{guid {C5FC5C69-C092-4C5E-BA92-1A64A9F17EC2}}	
IMEMode:	0	
IMESentenceMode:	3	
LimitToList:	True	
ListRows:	50	
ListWidth:	2880twip	
OrdinalPosition:	0	
Precision:	1033	
Required:	False	
ResultType:	0	
RowSource:	SELECT Streams.StreamID, Streams.Stream FROM Streams ORDER BY Streams.StreamID, Streams.Stream;	
RowSourceType:	Table/Query	
Scale:	0	

Table: RiverCoords

Page: 33

ShowOnlyRowSourceValues: False
SourceField: StreamID
SourceTable: RiverCoords
TextAlign: General
UnicodeCompression: False

Easting

Double

8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: UTM Easting
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: 0
DisplayControl: Text Box
Format: Standard
GUID: {guid {425F054D-41F0-4750-879E-69F2A574AE7A}}
OrdinalPosition: 1
Precision: 1033
Required: True
ResultType: 0
Scale: 0
SourceField: Easting
SourceTable: RiverCoords
TextAlign: General

Northing

Double

8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: UTM Northing
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: 0
DisplayControl: Text Box
Format: Standard
GUID: {guid {98F4EE13-9D2A-4120-B42B-B11BC2097DEA}}
OrdinalPosition: 2
Precision: 1033
Required: True
ResultType: 0
Scale: 0
SourceField: Northing
SourceTable: RiverCoords
TextAlign: General

Table: RiverCoords

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4

RiverDistance

Single

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: Distance from ocean (km)
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 3120
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: 3
DisplayControl: Text Box
Format: Fixed
GUID: {guid {C19C4739-6953-4070-822C-CAF5653E6EFC}}
OrdinalPosition: 3
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: RiverDistance
SourceTable: RiverCoords
TextAlign: General

LocnID

Short Text

3

AggregateType: -1
AllowMultipleValues: False
AllowValueListEdits: True
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
BoundColumn: 1
CollatingOrder: General
ColumnCount: 2
ColumnHeads: False
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 2970
ColumnWidths: 0;1440
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Combo Box
IMEMode: 0
IMESentenceMode: 3
LimitToList: True
ListRows: 16
ListWidth: 1440twip
OrdinalPosition: 4
Precision: 1033
Required: False
ResultType: 0
RowSource: SELECT [LocationNames].[LocnID], [LocationNames].[LocationName]
FROM [LocationNames] ORDER BY [LocationName];
RowSourceType: Table/Query
Scale: 0

ShowOnlyRowSourceValues: False
SourceField: LocnID
SourceTable: RiverCoords
TextAlign: General
UnicodeCompression: True

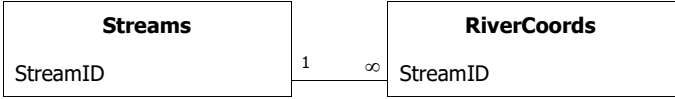
Relationships

LocationNamesRiverCoords



Attributes: Enforced
RelationshipType: One-To-Many

StreamsRiverCoords



Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
LocationNamesRiverCoords	1
Clustered:	False
DistinctCount:	14
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesRiverCoords
Primary:	False
Required:	False
Unique:	False
Fields:	
LocnID	Ascending
StreamsRiverCoords	1
Clustered:	False
DistinctCount:	11
Foreign:	True
IgnoreNulls:	False
Name:	StreamsRiverCoords
Primary:	False
Required:	False
Unique:	False
Fields:	
StreamID	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	08/30/2007 3:20:03 PM
DefaultView:	2	Description:	Fish02: Names and kinds of fish tagged
DisplayViewsOnSharePointSi	1	FilterOnLoad:	False
GUID:	{guid {8143A72C-7C82-42D7-A74D-112770B52865}}	HideNewField:	True
LastUpdated:	05/20/2025 11:08:18 AM	OrderByOn:	False
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordCount:	9
ThemeFontIndex:	-1	TotalsRow:	False
Updatable:	True		

Columns

Name	Type	Size
SpeciesID	Short Text	1
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
Caption:	SpeciesID	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	1620	
CurrencyLCID:	0	
DataUpdatable:	False	
DisplayControl:	Text Box	
GUID:	{guid {6A441B31-A148-438C-B2AF-16FBC460AEF5}}	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	0	
Precision:	1033	
Required:	True	
Scale:	0	
SourceField:	SpeciesID	
SourceTable:	Species	
TextAlign:	General	
UnicodeCompression:	True	
Species	Short Text	31
AggregateType:	-1	
AllowZeroLength:	True	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	Default	

Table: Species

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ColumnWidth: 5130
 CurrencyLCID: 0
 DataUpdatable: False
 DisplayControl: Text Box
 GUID: {guid {0DC83AD4-1990-4A4A-94C7-FFDC729ED2BF}}
 IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 1
 Precision: 1033
 Required: False
 Scale: 0
 SourceField: Species
 SourceTable: Species
 TextAlign: General
 UnicodeCompression: True

FmtName Short Text 10

AggregateType: -1
 AllowZeroLength: True
 AppendOnly: False
 Attributes: Variable Length
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: 3225
 CurrencyLCID: 0
 DataUpdatable: False
 DisplayControl: Text Box
 GUID: {guid {908B105B-ED2F-4B4B-92A2-207359ACAC7B}}
 IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 2
 Precision: 1033
 Required: False
 Scale: 0
 SourceField: FmtName
 SourceTable: Species
 TextAlign: General
 UnicodeCompression: True

MacroVarName Short Text 32

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Variable Length
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: 5385
 CurrencyLCID: 0
 DataUpdatable: False
 DisplayControl: Text Box
 GUID: {guid {18B42546-5D0A-4DA7-BF5A-E72BE4E09410}}
 IMEMode: 0
 IMESentenceMode: 3

OrdinalPosition: 3
Precision: 1033
Required: False
Scale: 0
SourceField: MacroVarName
SourceTable: Species
TextAlign: General
UnicodeCompression: True

Relationships

SpeciesTransmitters



Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
PrimaryKey	1
Clustered:	False
DistinctCount:	9
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
SpeciesID	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	08/30/2007 3:20:29 PM
DefaultView:	2	Description:	Geo01: Stream and watershed names used in study
DisplayViewsOnSharePointSi	1	FilterOnLoad:	False
GUID:	{guid {EF86DEC9-C01F-432E-9023-33A54143F2BA}}	HideNewField:	True
LastUpdated:	05/20/2025 11:08:18 AM	OrderByOn:	False
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordCount:	12
SubdatasheetName:	[Auto]	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
StreamID	Short Text	3
AggregateType:	-1	
AllowZeroLength:	True	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	2580	
CurrencyLCID:	0	
DataUpdatable:	False	
DisplayControl:	Text Box	
GUID:	{guid {43A11ADC-78FB-412B-B4C9-D2E3EDACE51A}}	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	0	
Precision:	1033	
Required:	True	
Scale:	0	
SourceField:	StreamID	
SourceTable:	Streams	
TextAlign:	General	
UnicodeCompression:	False	
Watershed	Short Text	8
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
Caption:	Watershed	
CollatingOrder:	General	
ColumnHidden:	False	

Table: Streams

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ColumnOrder: Default
ColumnWidth: 1800
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {B0EC0FB2-FB37-4CC7-B067-A2A2A5AABA73}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 1
Precision: 1033
Required: True
Scale: 0
SourceField: Watershed
SourceTable: Streams
TextAlign: General
UnicodeCompression: True

Stream

Short Text

30

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
Caption: Stream
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 3825
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {75320FDE-8D6F-49ED-9779-ACF573A1FD7E}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 2
Precision: 1033
Required: True
Scale: 0
SourceField: Stream
SourceTable: Streams
TextAlign: General
UnicodeCompression: True

FmtName

Short Text

9

AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 2280
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {86DEA2B2-E509-4E4A-A1D0-77FE7CDB9AD0}}

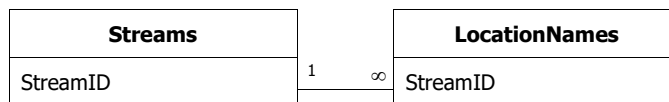
Table: Streams

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IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 3
 Precision: 1033
 Required: False
 Scale: 0
 SourceField: FmtName
 SourceTable: Streams
 TextAlign: General
 UnicodeCompression: True

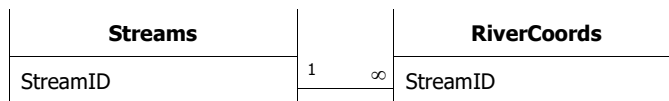
Relationships

StreamsLocationNames



Attributes: Enforced, Cascade Updates
 RelationshipType: One-To-Many

StreamsRiverCoords



Attributes: Enforced, Cascade Updates
 RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
PrimaryKey	1
Clustered:	False
DistinctCount:	12
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
Stream	Ascending
StreamID	1
Clustered:	False
DistinctCount:	12
Foreign:	False
IgnoreNulls:	False
Name:	StreamID

Primary:	False
Required:	False
Unique:	True
Fields:	
StreamID	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	08/30/2007 3:20:56 PM
DefaultView:	2	Description:	01 Fish01: Transmitters used in salmon telemetry project
DisplayViewsOnSharePointSi	1	Filter:	((([Lookup_SpeciesID].[Specie s] Not In ("Test tag","Unknown"))) AND ([Transmitters].[StudyYear]=2 007))) AND ([Transmitters].[WhenRelease d] In (#4/19/2007 9:0:0#) Or [Transmitters].[WhenReleased] IS Null)
FilterOnLoad:	False	GUID:	{guid {1057D008-84E7-46D9- 892D-E106FFD9EF67}}
HideNewField:	True	LastUpdated:	05/20/2025 11:08:18 AM
OrderBy:	[Transmitters].[WhenReleased , [Transmitters].[Transmitter]	OrderByOn:	True
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordCount:	473
SubdatasheetName:	[Auto]	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
StudyYear	Long Integer	4
AggregateType:	-1	
AllowMultipleValues:	False	
AllowValueListEdits:	False	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Fixed Size	
BoundColumn:	1	
Caption:	Study year	
CollatingOrder:	General	
ColumnCount:	1	
ColumnHeads:	False	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	1710	
CurrencyLCID:	0	
DataUpdatable:	False	
DecimalPlaces:	Auto	
Description:	Study year [StudyYear]	
DisplayControl:	Combo Box	
LimitToList:	True	
ListRows:	8	
ListWidth:	0twip	
OrdinalPosition:	0	

Table: Transmitters

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Precision: 1033
Required: True
ResultType: 0
RowSource: 4;5;6;7
RowSourceType: Value List
Scale: 0
ShowOnlyRowSourceValues: False
SourceField: StudyYear
SourceTable: Transmitters
TextAlign: General

Transmitter Long Integer 4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: Transmitter
CollatingOrder: General
ColumnHidden: False
ColumnOrder: 2
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: 0
Description: Transmitter ID number [Transmitter]
DisplayControl: Text Box
Format: Fixed
OrdinalPosition: 1
Precision: 1033
Required: True
ResultType: 0
Scale: 0
SourceField: Transmitter
SourceTable: Transmitters
TextAlign: General

SpeciesID Short Text 1

AggregateType: -1
AllowMultipleValues: False
AllowValueListEdits: False
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
BoundColumn: 1
Caption: Species
CollatingOrder: General
ColumnCount: 2
ColumnHeads: False
ColumnHidden: False
ColumnOrder: 3
ColumnWidth: 2100
ColumnWidths: 0;1440
CurrencyLCID: 0
DataUpdatable: False
Description: Species transmitter was used with [SpeciesID]

Table: Transmitters

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DisplayControl: Combo Box
 GUID: {guid {DE47C4B2-B0E9-4FF1-AFA8-5B565F05ECFB}}
 IMEMode: 0
 IMESentenceMode: 3
 LimitToList: True
 ListRows: 50
 ListWidth: 1440twip
 OrdinalPosition: 2
 Precision: 1033
 Required: False
 ResultType: 0
 RowSource: SELECT Species.SpeciesID, Species.Species FROM Species ORDER BY Species.Species;
 RowSourceType: Table/Query
 Scale: 0
 ShowOnlyRowSourceValues: False
 SourceField: SpeciesID
 SourceTable: Transmitters
 TextAlign: General
 UnicodeCompression: True

WhenActivated

Date With Time

8

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 Caption: When transmitter activated
 CollatingOrder: General
 ColumnHidden: True
 ColumnOrder: 4
 ColumnWidth: 2415
 CurrencyLCID: 0
 DataUpdatable: False
 Description: When transmitter was activated [WhenActivated]
 Format: m/d/yy
 GUID: {guid {EA567930-4A87-4FC8-AC73-76BA4790118C}}
 IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 3
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 ShowDatePicker: For dates
 SourceField: WhenActivated
 SourceTable: Transmitters
 TextAlign: General

WhenImplanted

Date With Time

8

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 Caption: Transmitter implant date
 CollatingOrder: General

Table: Transmitters

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ColumnHidden: True
ColumnOrder: 5
ColumnWidth: 2640
CurrencyLCID: 0
DataUpdatable: False
Description: When transmitter was implanted [WhenImplanted]
Format: m/d/yy
GUID: {guid {0A8C35F5-DB51-4A26-8F17-662DD99AAFF1}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 4
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: WhenImplanted
SourceTable: Transmitters
TextAlign: General

WhenReleased

Date With Time

8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: When released
CollatingOrder: General
ColumnHidden: False
ColumnOrder: 7
ColumnWidth: 2100
CurrencyLCID: 0
DataUpdatable: False
Description: When fish was released. [WhenReleased]
Format: m/d/yy h:nn
GUID: {guid {B2BB11D9-1B1F-457C-A3C0-5B5E1C7038B9}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 5
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: WhenReleased
SourceTable: Transmitters
TextAlign: General

SourceLoc

Short Text

3

AggregateType: -1
AllowMultipleValues: False
AllowValueListEdits: False
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
BoundColumn: 1

Table: Transmitters

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Caption:	Source of fish
CollatingOrder:	General
ColumnCount:	2
ColumnHeads:	False
ColumnHidden:	False
ColumnOrder:	8
ColumnWidth:	2415
ColumnWidths:	0;1440
CurrencyLCID:	0
DataUpdatable:	False
Description:	Lookup to LocationNames table [SourceLoc]
DisplayControl:	Combo Box
GUID:	{guid {E25FD7BC-D56C-4A86-AABC-D51621A4AF7C}}
IMEMode:	0
IMESentenceMode:	3
LimitToList:	True
ListRows:	8
ListWidth:	1440twip
OrdinalPosition:	6
Precision:	1033
Required:	False
ResultType:	0
RowSource:	SELECT LocationNames.LocnID, LocationNames.LocationName FROM LocationNames ORDER BY [LocationName];
RowSourceType:	Table/Query
Scale:	0
ShowOnlyRowSourceValues:	False
SourceField:	SourceLoc
SourceTable:	Transmitters
TextAlign:	General
UnicodeCompression:	False

Owner

Short Text

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
Caption:	Owner of transmitter
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	9
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
Description:	Owner of transmitter [Owner]
DisplayControl:	Text Box
GUID:	{guid {32D3329D-0DBC-46FC-AAAC-BBD019E7F9FF}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	7
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Owner

Table: Transmitters

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	SourceTable:	Transmitters	
	TextAlign:	General	
	UnicodeCompression:	True	
Length		Long Integer	4
	AggregateType:	-1	
	AllowZeroLength:	False	
	AppendOnly:	False	
	Attributes:	Fixed Size	
	Caption:	Fork length (mm)	
	CollatingOrder:	General	
	ColumnHidden:	True	
	ColumnOrder:	10	
	ColumnWidth:	1440	
	CurrencyLCID:	0	
	DataUpdatable:	False	
	DecimalPlaces:	0	
	Description:	Fork length of fish in mm [Length]	
	DisplayControl:	Text Box	
	Format:	Fixed	
	GUID:	{guid {CCF1B280-C98B-42E2-B8F9-EDBD18CD4450}}	
	OrdinalPosition:	8	
	Precision:	1033	
	Required:	False	
	ResultType:	0	
	Scale:	0	
	SourceField:	Length	
	SourceTable:	Transmitters	
	TextAlign:	General	
Weight		Single	4
	AggregateType:	-1	
	AllowZeroLength:	False	
	AppendOnly:	False	
	Attributes:	Fixed Size	
	Caption:	Weight (g)	
	CollatingOrder:	General	
	ColumnHidden:	True	
	ColumnOrder:	11	
	ColumnWidth:	1440	
	CurrencyLCID:	0	
	DataUpdatable:	False	
	DecimalPlaces:	1	
	Description:	Weight of fish in g [Weight]	
	DisplayControl:	Text Box	
	Format:	Fixed	
	GUID:	{guid {FE3D083B-EB34-4B7D-8692-77E3AC73EE28}}	
	OrdinalPosition:	9	
	Precision:	1033	
	Required:	False	
	ResultType:	0	
	Scale:	0	
	SourceField:	Weight	
	SourceTable:	Transmitters	
	TextAlign:	General	

Table: Transmitters

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1

Age	Byte	
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Fixed Size	
Caption:	Age	
CollatingOrder:	General	
ColumnHidden:	True	
ColumnOrder:	12	
ColumnWidth:	1440	
CurrencyLCID:	0	
DataUpdatable:	False	
DecimalPlaces:	Auto	
Description:	Age of fish from scales [Age]	
DisplayControl:	Text Box	
GUID:	{guid {99714260-AC6D-4A3D-921B-CFA83F5BBFC7}}	
OrdinalPosition:	10	
Precision:	1033	
Required:	False	
ResultType:	0	
Scale:	0	
SourceField:	Age	
SourceTable:	Transmitters	
TextAlign:	General	
GeneticSample	Long Integer	4
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Fixed Size	
Caption:	Genetic sample number	
CollatingOrder:	General	
ColumnHidden:	True	
ColumnOrder:	13	
ColumnWidth:	1440	
CurrencyLCID:	0	
DataUpdatable:	False	
DecimalPlaces:	Auto	
Description:	Number of genetic sample taken [GeneticSample]	
DisplayControl:	Text Box	
GUID:	{guid {1852E8E5-053A-4C19-9357-88D74FC52611}}	
OrdinalPosition:	11	
Precision:	1033	
Required:	False	
ResultType:	0	
Scale:	0	
SourceField:	GeneticSample	
SourceTable:	Transmitters	
TextAlign:	General	
Surgeon	Short Text	50
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	

Table: Transmitters

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Caption: Surgeon
CollatingOrder: General
ColumnHidden: False
ColumnOrder: 14
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
Description: Person implanting transmitter [Surgeon]
DisplayControl: Text Box
GUID: {guid {606B7156-1B5B-4C60-BCBE-598B3883ECB2}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 12
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Surgeon
SourceTable: Transmitters
TextAlign: General
UnicodeCompression: True

Comments

Long Text

-

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
Caption: Comments
CollatingOrder: General
ColumnHidden: False
ColumnOrder: 15
ColumnWidth: 11760
CurrencyLCID: 0
DataUpdatable: False
Description: Comments [Comments]
GUID: {guid {CB43E2A9-AEFC-4237-87D1-25A227CB29B3}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 13
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Comments
SourceTable: Transmitters
TextAlign: General
TextFormat: Plain Text
UnicodeCompression: False

Image

OLE Object

-

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
Caption: Fish picture

Table: Transmitters

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CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	16
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
Description:	Image of fish [Image]
GUID:	{guid {D136CDFF-0C73-486C-8F98-98A727AB8B94}}
OrdinalPosition:	14
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Image
SourceTable:	Transmitters
TextAlign:	General

Transmitter SN	Short Text	10
----------------	------------	----

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
Caption:	Transmitter serial number
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	17
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
Description:	Transmitter serial number
DisplayControl:	Text Box
GUID:	{guid {F12CB48B-D88D-4BED-AC1E-FD22402498EB}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	15
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Transmitter SN
SourceTable:	Transmitters
TextAlign:	General
UnicodeCompression:	True

TransmitterModel	Short Text	18
------------------	------------	----

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
Caption:	Transmitter model
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	18
ColumnWidth:	1860
CurrencyLCID:	0

Table: Transmitters

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DataUpdatable:	False
Description:	Transmitter model number [TransmitterModel]
DisplayControl:	Text Box
GUID:	{guid {4D754349-F49E-469C-936F-11F174A66ABA}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	16
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	TransmitterModel
SourceTable:	Transmitters
TextAlign:	General
UnicodeCompression:	True

MinimumOffTime	Byte	1
----------------	------	---

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
Caption:	Minimum transmitter off time (s)
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	19
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
Description:	[MinimumOffTime]
DisplayControl:	Text Box
GUID:	{guid {81CDB14B-0822-43F0-9709-59C5781E9467}}
OrdinalPosition:	17
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	MinimumOffTime
SourceTable:	Transmitters
TextAlign:	General

MaximumOffTime	Byte	1
----------------	------	---

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
Caption:	Maximum transmitter off time (s)
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	20
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
Description:	[MaximumOffTime]

Table: Transmitters

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DisplayControl: Text Box
GUID: {guid {66CE0DF3-5308-4641-9B20-2F550262F63E}}
OrdinalPosition: 18
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: MaximumOffTime
SourceTable: Transmitters
TextAlign: General

Transmitter lifespan Byte 1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: Transmitter lifespan (days)
CollatingOrder: General
ColumnHidden: True
ColumnOrder: 21
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
DisplayControl: Text Box
GUID: {guid {B302BA1F-C5FE-4BBC-B357-A202E4A986AC}}
OrdinalPosition: 19
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Transmitter lifespan
SourceTable: Transmitters
TextAlign: General

Transmitter frequency Short Text 7

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
Caption: Transmitter frequency
CollatingOrder: General
ColumnHidden: True
ColumnOrder: 22
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {AAED7F52-EE43-4B7C-B6EA-7C109DF04D3E}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 20
Precision: 1033
Required: False
ResultType: 0

Table: Transmitters

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Scale: 0
SourceField: Transmitter frequency
SourceTable: Transmitters
TextAlign: General
UnicodeCompression: True

Transmitter Rcode Short Text 4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
Caption: Transmitter R code
CollatingOrder: General
ColumnHidden: True
ColumnOrder: 23
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {B67CD36F-4362-49B5-BA26-0904C8C2BA0A}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 21
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Transmitter Rcode
SourceTable: Transmitters
TextAlign: General
UnicodeCompression: True

Map Short Text 10

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: True
ColumnOrder: 24
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {46A5470E-9563-4BC1-B015-CF7B706755CC}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 22
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Map
SourceTable: Transmitters
TextAlign: General

Table: Transmitters

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UnicodeCompression:		True	
Submap		Short Text	1
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Variable Length		
CollatingOrder:	General		
ColumnHidden:	True		
ColumnOrder:	25		
ColumnWidth:	1440		
CurrencyLCID:	0		
DataUpdatable:	False		
DisplayControl:	Text Box		
GUID:	{guid {BB5C3966-0553-4D8C-B115-26F41FCCEF94}}		
IMEMode:	0		
IMESentenceMode:	3		
OrdinalPosition:	23		
Precision:	1033		
Required:	False		
ResultType:	0		
Scale:	0		
SourceField:	Submap		
SourceTable:	Transmitters		
TextAlign:	General		
UnicodeCompression:	False		
Examine		Yes/No	1
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Fixed Size		
Caption:	Record examined		
CollatingOrder:	General		
ColumnHidden:	True		
ColumnOrder:	26		
ColumnWidth:	1665		
CurrencyLCID:	0		
DataUpdatable:	False		
DisplayControl:	106		
Format:	Yes/No		
GUID:	{guid {2F6D3AB9-A1FD-4976-A7C8-A49774F4B727}}		
OrdinalPosition:	24		
Precision:	1033		
Required:	False		
ResultType:	0		
Scale:	0		
SourceField:	Examine		
SourceTable:	Transmitters		
TextAlign:	General		
EventWhen		Date With Time	8
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		

Table: Transmitters

Page: 57

Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: 27
ColumnWidth: 2550
CurrencyLCID: 0
DataUpdatable: False
GUID: {guid {0793B3DD-C12E-429D-A254-923817F779DD}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 25
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: EventWhen
SourceTable: Transmitters
TextAlign: General

Actual V8SC

Yes/No

1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: Was a V8SC transmitter?
CollatingOrder: General
ColumnHidden: True
ColumnOrder: 28
ColumnWidth: 1440
CurrencyLCID: 0
DataUpdatable: False
Description: If yes these transmitters were designated as V8SC, but they've been
recoded as V9
DisplayControl: 106
Format: Yes/No
GUID: {guid {2E1DC255-7122-4DE6-8613-B250D034A972}}
OrdinalPosition: 26
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Actual V8SC
SourceTable: Transmitters
TextAlign: General

AssumedDead

Yes/No

1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: 29
ColumnWidth: 3615

Table: Transmitters

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CurrencyLCID: 0
DataUpdatable: False
Description: Fish is assumed dead at last known location
DisplayControl: 106
Format: Yes/No
GUID: {guid {099248BC-5E4B-4473-90EC-946D242AF4F6}}
OrdinalPosition: 27
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: AssumedDead
SourceTable: Transmitters
TextAlign: General

WhenAssumedDead

Date With Time

8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: 6
ColumnWidth: 3435
CurrencyLCID: 0
DataUpdatable: False
Description: When fish is assumed dead at last known location
Format: m/d/yy hh:nn
GUID: {guid {08000EA8-D02C-4B6B-911D-187AB6679FE7}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 28
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: WhenAssumedDead
SourceTable: Transmitters
TextAlign: General

Relationships

EventsTransmitters

Events		Transmitters
EventWhen	1 ∞	WhenReleased
LocnId	1 ∞	SourceLoc

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

LocationNamesTransmitters

LocationNames		Transmitters
LocnID	1 ∞	SourceLoc

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

SpeciesTransmitters

Species		Transmitters
SpeciesID	1 ∞	SpeciesID

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

TransmittersDetectionsVR2

Transmitters		DetectionsVR2
StudyYear	1 ∞	StudyYear
Transmitter	1 ∞	Transmitter

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
EventsTransmitters	2
Clustered:	False
DistinctCount:	50
Foreign:	True
IgnoreNulls:	False
Name:	EventsTransmitters
Primary:	False
Required:	False
Unique:	False
Fields:	
WhenReleased	Ascending
SourceLoc	Ascending
LocationNamesTransmitters	1
Clustered:	False
DistinctCount:	5
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesTransmitters
Primary:	False

Table: Transmitters

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Required:	False
Unique:	False
Fields:	
SourceLoc	Ascending
PrimaryKey	2
Clustered:	False
DistinctCount:	473
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
StudyYear	Ascending
Transmitter	Ascending
SpeciesTransmitters	1
Clustered:	False
DistinctCount:	10
Foreign:	True
IgnoreNulls:	False
Name:	SpeciesTransmitters
Primary:	False
Required:	False
Unique:	False
Fields:	
SpeciesID	Ascending
TransmittersEventWhen	1
Clustered:	False
DistinctCount:	5
Foreign:	False
IgnoreNulls:	False
Name:	TransmittersEventWhen
Primary:	False
Required:	False
Unique:	False
Fields:	
EventWhen	Ascending

Properties

DateCreated:	02/03/2012 5:15:58 PM	DefaultView:	2
Description:	transmitter detections by VR2 receivers	DisplayViewsOnSharePointSi	1
FilterOnLoad:	False	GUID:	{guid {3A0282DA-96D3-444C-BD37-35E6C8C34E27}}
HideNewField:	False	LastUpdated:	02/03/2012 5:15:59 PM
OrderByOn:	False	OrderByOnLoad:	True
Orientation:	Left-to-Right	RecordCount:	47382
SubdatasheetName:	[Auto]	TotalsRow:	False
Updatable:	True		

Columns

Name	Type	Size
VSerial	Short Text	4
AggregateType:	-1	
AllowZeroLength:	True	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2436	
DataUpdatable:	False	
DisplayControl:	Text Box	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	0	
Precision:	1033	
Required:	False	
Scale:	0	
SourceField:	VSerial	
SourceTable:	VR2 detects	
TextAlign:	General	
UnicodeCompression:	False	
Transmitter	Replication ID	16
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Fixed Size	
CollatingOrder:	11	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DataUpdatable:	False	
DecimalPlaces:	Auto	
DisplayControl:	Text Box	
OrdinalPosition:	1	
Precision:	11	
Required:	False	

Table: VR2 detects

Page: 62

Scale:	0		
SourceField:	Transmitter		
SourceTable:	VR2 detects		
TextAlign:	General		
Detect		Date With Time	8
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Fixed Size		
CollatingOrder:	11		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2484		
DataUpdatable:	False		
IMEMode:	0		
IMESentenceMode:	3		
OrdinalPosition:	2		
Precision:	11		
Required:	False		
Scale:	0		
ShowDatePicker:	For dates		
SourceField:	Detect		
SourceTable:	VR2 detects		
TextAlign:	General		

Table Indexes

Name	Number of Fields
PrimaryKey	3
Clustered:	False
DistinctCount:	47382
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
VSerial	Ascending
Transmitter	Ascending
Detect	Ascending
VR2 detectsVSerial	1
Clustered:	False
DistinctCount:	26
Foreign:	False
IgnoreNulls:	False
Name:	VR2 detectsVSerial
Primary:	False
Required:	False
Unique:	False
Fields:	
VSerial	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	08/30/2007 3:21:35 PM
DefaultView:	2	Description:	Equip01: Vemco receiver hardware information
DisplayViewsOnSharePointSi	1	Filter:	([VR2_Receivers].[VSerial]="5 534")
FilterOnLoad:	False	GUID:	{guid {146B508F-D22B-4C35- A466-98087C21A68D}}
HideNewField:	True	LastUpdated:	05/20/2025 11:08:19 AM
OrderByOn:	False	OrderByOnLoad:	True
Orientation:	Left-to-Right	PublishToWeb:	1
RecordCount:	61	ThemeFontIndex:	-1
TotalsRow:	False	Updatable:	True

Columns

Name	Type	Size
Owner	Short Text	255
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	1992	
CurrencyLCID:	0	
DataUpdatable:	False	
DisplayControl:	Text Box	
GUID:	{guid {CDDE3470-FC1C-41A2-9614-918A8DFD76B5}}	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	0	
Precision:	1033	
Required:	False	
ResultType:	0	
Scale:	0	
SourceField:	Owner	
SourceTable:	VR2_Receivers	
TextAlign:	General	
UnicodeCompression:	True	
VR2Model	Short Text	255
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	

Table: VR2 Receivers

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ColumnOrder:	Default
ColumnWidth:	4320
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
GUID:	{guid {F906DF15-D0C4-4DE2-8760-4551AD17E494}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	1
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	VR2Model
SourceTable:	VR2_Receivers
TextAlign:	General
UnicodeCompression:	True

OldOrNew

Short Text

5

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
Caption:	Old or new model
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	1335
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	2
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	OldOrNew
SourceTable:	VR2_Receivers
TextAlign:	General
UnicodeCompression:	True

External Serial Number

Short Text

6

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
Caption:	External serial number
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	3420
CurrencyLCID:	0
DataUpdatable:	False

Table: VR2 Receivers

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DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 3
Precision: 1033
Required: True
ResultType: 0
Scale: 0
SourceField: External Serial Number
SourceTable: VR2_Receivers
TextAlign: General
UnicodeCompression: False

VSerial

Short Text

4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
Caption: Serial number (internal)
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 2868
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {17E3BB2A-A57B-44A9-B47B-37625DBDC514}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 4
Precision: 1033
Required: True
ResultType: 0
Scale: 0
SourceField: VSerial
SourceTable: VR2_Receivers
TextAlign: General
UnicodeCompression: False

Lost

Date With Time

8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
Caption: Date reported lost
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 2535
CurrencyLCID: 0
DataUpdatable: False
Format: m/d/yy
GUID: {guid {4F22B7B9-3952-47A6-9E8A-92DE34C2CD2D}}
IMEMode: 0
IMESentenceMode: 3

Table: VR2 Receivers

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OrdinalPosition: 5
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: Lost
SourceTable: VR2_Receivers
TextAlign: General

Notes

Long Text

-

AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
Caption: Notes
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 6405
CurrencyLCID: 0
DataUpdatable: False
GUID: {guid {7FBD4BC2-0FDA-449E-8E3E-C3443B49383B}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 6
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Notes
SourceTable: VR2_Receivers
TextAlign: General
TextFormat: Plain Text
UnicodeCompression: False

BlankingInterval

Short Text

3

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {3C5BBE42-21F0-4E81-84C8-8C15F9184AA8}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 7
Precision: 1033
Required: False
ResultType: 0

Table: VR2 Receivers

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Scale: 0
SourceField: BlankingInterval
SourceTable: VR2_Receivers
TextAlign: General
UnicodeCompression: True

Frequency

Short Text

7

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
GUID: {guid {D34A2B60-8F50-41D0-B3F4-99E1E5F4FFB3}}
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 8
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Frequency
SourceTable: VR2_Receivers
TextAlign: General
UnicodeCompression: True

Channel A sync

Single

4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
DisplayControl: Text Box
GUID: {guid {423E27D3-AA73-463A-BDD6-9293992F1DAD}}
OrdinalPosition: 9
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Channel A sync
SourceTable: VR2_Receivers
TextAlign: General

Channel A bin

Single

4

Table: VR2 Receivers

Page: 68

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
GUID:	{guid {6CC8DC22-5D65-480D-8A5A-24E1252A384F}}
OrdinalPosition:	10
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel A bin
SourceTable:	VR2_Receivers
TextAlign:	General

Channel A type

Short Text

10

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
GUID:	{guid {49A1B38E-FE92-4CA8-BDA0-B7F94C10FF4B}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	11
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel A type
SourceTable:	VR2_Receivers
TextAlign:	General
UnicodeCompression:	True

Channel B sync

Single

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default

Table: VR2 Receivers

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ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
GUID:	{guid {F97A1CCC-98C6-417F-97C5-A5045CAA150A}}
OrdinalPosition:	12
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel B sync
SourceTable:	VR2_Receivers
TextAlign:	General

Channel B bin

Single

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
GUID:	{guid {E07CB080-7B6B-4F53-8C09-47454124E63B}}
OrdinalPosition:	13
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel B bin
SourceTable:	VR2_Receivers
TextAlign:	General

Channel B type

Short Text

255

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
GUID:	{guid {FC7EE789-7033-4E52-B269-78EAF94861F3}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	14
Precision:	1033

Table: VR2 Receivers

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Required: False
ResultType: 0
Scale: 0
SourceField: Channel B type
SourceTable: VR2_Receivers
TextAlign: General
UnicodeCompression: True

Channel C sync

Single

4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
DisplayControl: Text Box
GUID: {guid {77FE24ED-FE10-479E-BA70-E9E2D541C3FA}}
OrdinalPosition: 15
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Channel C sync
SourceTable: VR2_Receivers
TextAlign: General

Channel C bin

Single

4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: True
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
DisplayControl: Text Box
GUID: {guid {1C434B7F-BCA5-4D45-825C-16F766FFAFE4}}
OrdinalPosition: 16
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Channel C bin
SourceTable: VR2_Receivers
TextAlign: General

Channel C type

Short Text

255

Table: VR2 Receivers

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AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
GUID:	{guid {8ED8FA68-7E47-4D09-B2BE-B42D4C271B5F}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	17
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel C type
SourceTable:	VR2_Receivers
TextAlign:	General
UnicodeCompression:	True

Channel D sync

Single

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
GUID:	{guid {DB929A46-92B2-4E47-A15F-9BE3407D320F}}
OrdinalPosition:	18
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel D sync
SourceTable:	VR2_Receivers
TextAlign:	General

Channel D bin

Single

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default

Table: VR2 Receivers

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ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
GUID:	{guid {5EFE3B3E-DE3A-4D44-ABD6-3928DA02F138}}
OrdinalPosition:	19
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel D bin
SourceTable:	VR2_Receivers
TextAlign:	General

Channel D type

Short Text

255

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	Default
ColumnWidth:	1605
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	Text Box
GUID:	{guid {3C1D64DB-298E-45BD-BD85-7C2DD873B159}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	20
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Channel D type
SourceTable:	VR2_Receivers
TextAlign:	General
UnicodeCompression:	True

Loaned

Yes/No

1

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	False
DisplayControl:	106
Format:	Yes/No
GUID:	{guid {EA9746CF-2ACB-4945-8ADA-BC70C80AA4FD}}
OrdinalPosition:	21

Table: VR2 Receivers

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Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Loaned
SourceTable: VR2_Receivers
TextAlign: General

EPA property number Short Text 255

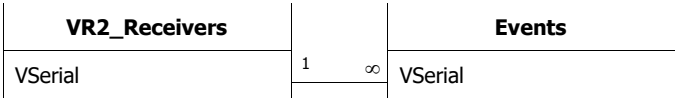
AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 2340
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 22
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: EPA property number
SourceTable: VR2_Receivers
TextAlign: General
UnicodeCompression: True

CurrentLocation Short Text 255

AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 2010
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 23
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: CurrentLocation
SourceTable: VR2_Receivers
TextAlign: General
UnicodeCompression: True

Relationships

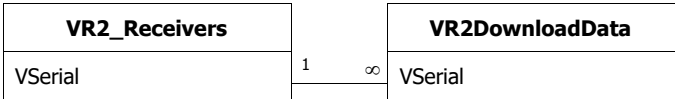
VR2_ReceiversEvents



Attributes: Enforced, Cascade Updates

RelationshipType: One-To-Many

VR2_ReceiversVR2DownloadData



Attributes: Enforced, Cascade Updates

RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
PrimaryKey	1
Clustered:	False
DistinctCount:	61
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
VSerial	Ascending

Properties

AlternateBackShade:	100	AlternateBackThemeColorIn	-1
AlternateBackTint:	100	BackShade:	100
BackTint:	100	DatasheetForeThemeColorIn	-1
DatasheetGridlinesThemeCol	-1	DateCreated:	07/18/2024 9:52:21 AM
DefaultView:	2	DisplayViewsOnSharePointSi	1
Filter:	([VR2DownloadData].[VSerial] ="6097")	FilterOnLoad:	False
GUID:	{guid {8022D1B3-9357-4F2D- 91A6-F0F85D621BC2}}	HideNewField:	False
LastUpdated:	05/20/2025 11:08:19 AM	OrderByOn:	False
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordCount:	596
ThemeFontIndex:	-1	TotalsRow:	False
Updatable:	True		

Columns

Name	Type	Size
VSerial	Short Text	4
AggregateType:	-1	
AllowZeroLength:	True	
AppendOnly:	False	
Attributes:	Variable Length	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
CurrencyLCID:	0	
DataUpdatable:	False	
DisplayControl:	Text Box	
IMEMode:	0	
IMESentenceMode:	3	
OrdinalPosition:	1	
Precision:	1033	
Required:	True	
ResultType:	0	
Scale:	0	
SourceField:	VSerial	
SourceTable:	VR2DownloadData	
TextAlign:	General	
UnicodeCompression:	False	
LocnId	Short Text	3
AggregateType:	-1	
AllowMultipleValues:	False	
AllowValueListEdits:	False	
AllowZeroLength:	True	
AppendOnly:	False	
Attributes:	Variable Length	
BoundColumn:	1	
CollatingOrder:	General	

Table: VR2DownloadData

Page: 76

ColumnCount: 2
 ColumnHeads: False
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: 2790
 ColumnWidths: 0;1440
 CurrencyLCID: 0
 DataUpdatable: False
 DisplayControl: Combo Box
 IMEMode: 0
 IMESentenceMode: 3
 LimitToList: True
 ListRows: 16
 ListWidth: 0twip
 OrdinalPosition: 2
 Precision: 1033
 Required: True
 ResultType: 0
 RowSource: SELECT LocationNames.LocnID, LocationNames.LocationName FROM
 LocationNames ORDER BY LocationNames.LocationName;
 RowSourceType: Table/Query
 Scale: 0
 ShowOnlyRowSourceValues: False
 SourceField: LocnId
 SourceTable: VR2DownloadData
 TextAlign: General
 UnicodeCompression: False

Easting

Double

8

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: 3225
 CurrencyLCID: 0
 DataUpdatable: False
 DecimalPlaces: Auto
 DisplayControl: Text Box
 OrdinalPosition: 3
 Precision: 1033
 Required: True
 ResultType: 0
 Scale: 0
 SourceField: Easting
 SourceTable: VR2DownloadData
 TextAlign: General

Northing

Double

8

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size

Table: VR2DownloadData

Page: 77

CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2655
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
OrdinalPosition:	4
Precision:	1033
Required:	True
ResultType:	0
Scale:	0
SourceField:	Northing
SourceTable:	VR2DownloadData
TextAlign:	General

EventWhen

Date With Time

8

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	3270
CurrencyLCID:	0
DataUpdatable:	False
Format:	m/d/yy hh:n
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	5
Precision:	1033
Required:	True
ResultType:	0
Scale:	0
ShowDatePicker:	For dates
SourceField:	EventWhen
SourceTable:	VR2DownloadData
TextAlign:	General

VR2InitTime

Date With Time

8

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
Format:	m/d/yy hh:n
IMEMode:	0
IMESentenceMode:	3

Table: VR2DownloadData

Page: 78

OrdinalPosition: 6
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: VR2InitTime
SourceTable: VR2DownloadData
TextAlign: General

VR2TimeStandard

Short Text

3

AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 7
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: VR2TimeStandard
SourceTable: VR2DownloadData
TextAlign: General
UnicodeCompression: True

VR2PreviousStop

Date With Time

8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
Format: m/d/yy hh:n
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 8
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: VR2PreviousStop

Table: VR2DownloadData

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SourceTable: VR2DownloadData
TextAlign: General

PCTime Date With Time 8

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
Format: m/d/yy hh:n
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 9
Precision: 1033
Required: False
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: PCTime
SourceTable: VR2DownloadData
TextAlign: General

PCTimeStandard Short Text 3

AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 10
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: PCTimeStandard
SourceTable: VR2DownloadData
TextAlign: General
UnicodeCompression: True

ID String Short Text 255

AggregateType: -1
AllowZeroLength: True
AppendOnly: False

Table: VR2DownloadData

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Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 11
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: ID String
SourceTable: VR2DownloadData
TextAlign: General
UnicodeCompression: True

FileName Short Text 255

AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: Text Box
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 12
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: FileName
SourceTable: VR2DownloadData
TextAlign: General
UnicodeCompression: True

DataFile OLE Object -

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False

Table: VR2DownloadData

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OrdinalPosition: 13
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: DataFile
SourceTable: VR2DownloadData
TextAlign: General

TotalSyncs Long Integer 4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
DisplayControl: Text Box
OrdinalPosition: 14
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: TotalSyncs
SourceTable: VR2DownloadData
TextAlign: General

ChecksumInvalid Long Integer 4

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DecimalPlaces: Auto
DisplayControl: Text Box
OrdinalPosition: 15
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: ChecksumInvalid
SourceTable: VR2DownloadData
TextAlign: General

TotalPulses Long Integer 4

AggregateType: -1

Table: VR2DownloadData

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AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
OrdinalPosition:	16
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	TotalPulses
SourceTable:	VR2DownloadData
TextAlign:	General

TotalDetections	Long Integer	4
-----------------	--------------	---

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box
OrdinalPosition:	17
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	TotalDetections
SourceTable:	VR2DownloadData
TextAlign:	General

Depth	Single	4
-------	--------	---

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
CurrencyLCID:	0
DataUpdatable:	False
DecimalPlaces:	Auto
DisplayControl:	Text Box

Table: VR2DownloadData

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OrdinalPosition: 18
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Depth
SourceTable: VR2DownloadData
TextAlign: General

TemperatureProbe Yes/No 1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
DisplayControl: 106
OrdinalPosition: 19
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: TemperatureProbe
SourceTable: VR2DownloadData
TextAlign: General

Comment Long Text -

AggregateType: -1
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length
CollatingOrder: General
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: Default
CurrencyLCID: 0
DataUpdatable: False
IMEMode: 0
IMESentenceMode: 3
OrdinalPosition: 20
Precision: 1033
Required: False
ResultType: 0
Scale: 0
SourceField: Comment
SourceTable: VR2DownloadData
TextAlign: General
TextFormat: Plain Text
UnicodeCompression: False

Table: VR2DownloadData

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AggregateType: -1
 AllowZeroLength: True
 AppendOnly: False
 Attributes: Variable Length
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: Default
 CurrencyLCID: 0
 DataUpdatable: False
 DisplayControl: Text Box
 IMEMode: 0
 IMESentenceMode: 3
 OrdinalPosition: 21
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: Dynamac ID
 SourceTable: VR2DownloadData
 TextAlign: General
 UnicodeCompression: True

NewPulses

Long Integer

4

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: Default
 CurrencyLCID: 0
 DataUpdatable: False
 DecimalPlaces: Auto
 DisplayControl: Text Box
 OrdinalPosition: 22
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: NewPulses
 SourceTable: VR2DownloadData
 TextAlign: General

NewSyncs

Long Integer

4

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: Default
 CurrencyLCID: 0

Table: VR2DownloadData

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DataUpdatable: False
 DecimalPlaces: Auto
 DisplayControl: Text Box
 OrdinalPosition: 23
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: NewSynchs
 SourceTable: VR2DownloadData
 TextAlign: General

NewChecksumInvalid Long Integer 4

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: Default
 CurrencyLCID: 0
 DataUpdatable: False
 DecimalPlaces: Auto
 DisplayControl: Text Box
 OrdinalPosition: 24
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: NewChecksumInvalid
 SourceTable: VR2DownloadData
 TextAlign: General

NewDetections Long Integer 4

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: Default
 CurrencyLCID: 0
 DataUpdatable: False
 DecimalPlaces: Auto
 DisplayControl: Text Box
 OrdinalPosition: 25
 Precision: 1033
 Required: False
 ResultType: 0
 Scale: 0
 SourceField: NewDetections
 SourceTable: VR2DownloadData
 TextAlign: General

Relationships

EventsVR2DownloadData

Events		VR2DownloadData
LocnId	1 1	LocnId
Easting	1 1	Easting
Northing	1 1	Northing
EventWhen	1 1	EventWhen

Attributes: Unique, Enforced, Cascade Updates
RelationshipType: One-To-One

VR2_ReceiversVR2DownloadData

VR2_Receivers		VR2DownloadData
VSerial	1 ∞	VSerial

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

Table Indexes

Name	Number of Fields
EventsVR2DownloadData	4
Clustered:	False
DistinctCount:	596
Foreign:	True
IgnoreNulls:	False
Name:	EventsVR2DownloadData
Primary:	False
Required:	False
Unique:	True
Fields:	
LocnId	Ascending
Easting	Ascending
Northing	Ascending
EventWhen	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	596
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True

Table: VR2DownloadData

Fields:	
LocnId	Ascending
Easting	Ascending
Northing	Ascending
EventWhen	Ascending
VR2_ReceiversVR2DownloadData	1
Clustered:	False
DistinctCount:	48
Foreign:	True
IgnoreNulls:	False
Name:	VR2_ReceiversVR2DownloadData
Primary:	False
Required:	False
Unique:	False
Fields:	
VSerial	Ascending

Properties

DateCreated:	07/22/2024 8:46:45 AM	DefaultView:	2
FilterOnLoad:	False	GUID:	{guid {38A82546-F178-4445-9C40-854844E2D14F}}
LastUpdated:	08/14/2024 3:21:40 PM	MaxRecords:	0
ODBCTimeout:	60	OrderByOn:	False
OrderByOnLoad:	True	Orientation:	Left-to-Right
PublishToWeb:	1	RecordLocks:	Edited Record
RecordsAffected:	0	RecordsetType:	Dynaset
ReturnsRecords:	True	TotalsRow:	False
Type:	0	Updatable:	True

SQL

```
SELECT Events.StudyYear, DetectionsVR2.Transmitter, DetectionsVR2.WhenDetect, Events.LocnId,
LocationNames.LocnSequence, Events.OceanDistance, Transmitters.SpeciesID, Transmitters.Length,
Events.VSerial, Events.NumberInArray, Events.AxisPosition, Events.Easting, Events.Northing,
Transmitters.SourceLoc
FROM Transmitters INNER JOIN (LocationNames INNER JOIN (Events INNER JOIN DetectionsVR2 ON
Events.EventWhen = DetectionsVR2.EventWhen) ON LocationNames.LocnID = Events.LocnId) ON
(Transmitters.Transmitter = DetectionsVR2.Transmitter) AND (Transmitters.StudyYear =
DetectionsVR2.StudyYear)
WHERE (((Transmitters.SpeciesID)="1" Or (Transmitters.SpeciesID)="2" Or (Transmitters.SpeciesID)="3"))
ORDER BY DetectionsVR2.WhenDetect;
```

Columns

Name	Type	Size
StudyYear	Long Integer	4
AggregateType:	-1	
AllowZeroLength:	False	
AppendOnly:	False	
Attributes:	Fixed Size, Updatable	
Caption:	Study year	
CollatingOrder:	General	
ColumnHidden:	False	
ColumnOrder:	1	
ColumnWidth:	1725	
CurrencyLCID:	0	
DataUpdatable:	True	
DecimalPlaces:	Auto	
Description:	Location & receiver data: One character study year [StudyYear]	
DisplayControl:	Text Box	
OrdinalPosition:	0	
Precision:	1033	
Required:	False	
ResultType:	0	
Scale:	0	
SourceField:	StudyYear	
SourceTable:	Events	
TextAlign:	General	
Transmitter	Long Integer	4
AggregateType:	-1	

Querv: Detections

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AllowMultipleValues:	False
AllowValueListEdits:	False
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size, Updatable
BoundColumn:	1
Caption:	Transmitter
CollatingOrder:	General
ColumnCount:	2
ColumnHeads:	False
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
ColumnWidths:	1440;0
CurrencyLCID:	0
DataUpdatable:	True
DecimalPlaces:	Auto
Description:	Transmitter [Transmitter]
DisplayControl:	Combo Box
LimitToList:	True
ListRows:	50
ListWidth:	1440twip
OrdinalPosition:	1
Precision:	1033
Required:	True
ResultType:	0
RowSource:	SELECT Transmitters.Transmitter, Transmitters.WhenReleased FROM Transmitters WHERE (((Transmitters.WhenReleased) Is Not Null)) ORDER BY Transmitters.Transmitter;
RowSourceType:	Table/Query
Scale:	0
ShowOnlyRowSourceValues:	False
SourceField:	Transmitter
SourceTable:	DetectionsVR2
TextAlign:	General

WhenDetect

Date With Time

8

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size, Updatable
Caption:	When detected
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	3255
CurrencyLCID:	0
DataUpdatable:	True
Description:	When detected [WhenDetect]
Format:	m/d/yy h:nn:ss
GUID:	{guid {2FBBC52D-4205-4A17-815F-3F8BFCF4D501}}
IMEMode:	0
IMESentenceMode:	3
OrdinalPosition:	2

Querv: Detections

Page: 90

Precision: 1033
Required: True
ResultType: 0
Scale: 0
ShowDatePicker: For dates
SourceField: WhenDetect
SourceTable: DetectionsVR2
TextAlign: General

LocnId Short Text 3

AggregateType: -1
AllowMultipleValues: False
AllowValueListEdits: False
AllowZeroLength: True
AppendOnly: False
Attributes: Variable Length, Updatable
BoundColumn: 1
Caption: Location
CollatingOrder: General
ColumnCount: 2
ColumnHeads: False
ColumnHidden: False
ColumnOrder: Default
ColumnWidth: 4470
ColumnWidths: 0;1440
CurrencyLCID: 0
DataUpdatable: True
Description: Location data: ID to reference to location [LocnId]
DisplayControl: Combo Box
GUID: {guid {AF25DB9F-6F39-4219-ADAB-3040A0903E08}}
IMEMode: 0
IMESentenceMode: 3
LimitToList: True
ListRows: 16
ListWidth: 1440twip
OrdinalPosition: 3
Precision: 1033
Required: True
ResultType: 0
RowSource: SELECT [LocationNames].[LocnID], [LocationNames].[LocationName]
FROM [LocationNames] ORDER BY [LocationName];
RowSourceType: Table/Query
Scale: 0
ShowOnlyRowSourceValues: False
SourceField: LocnId
SourceTable: Events
TextAlign: General
UnicodeCompression: False

LocnSequence Byte 1

AggregateType: -1
AllowZeroLength: False
AppendOnly: False
Attributes: Fixed Size, Updatable
CollatingOrder: General

Querv: Detections

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ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2325
CurrencyLCID:	0
DataUpdatable:	True
DecimalPlaces:	Auto
DisplayControl:	Text Box
GUID:	{guid {23D538EA-EA60-45BB-8CFF-E8BB70374EAF}}
OrdinalPosition:	4
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	LocnSequence
SourceTable:	LocationNames
TextAlign:	General

OceanDistance	Single	4
---------------	--------	---

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size, Updatable
Caption:	Distance from ocean (km)
CollatingOrder:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	2550
CurrencyLCID:	0
DataUpdatable:	True
DecimalPlaces:	3
Description:	Location data calculated: Receiver location's distance from ocean in km. Calculated using routine SetRiverKM [RiverDistance]
DisplayControl:	Text Box
Format:	Fixed
GUID:	{guid {26718AB5-3313-4467-AAEF-B9B23851A97F}}
OrdinalPosition:	5
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	OceanDistance
SourceTable:	Events
TextAlign:	General

SpeciesID	Short Text	1
-----------	------------	---

AggregateType:	-1
AllowMultipleValues:	False
AllowValueListEdits:	False
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Variable Length, Updatable
BoundColumn:	1
Caption:	Species
CollatingOrder:	General
ColumnCount:	2

Querv: Detections

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ColumnHeads:	False
ColumnHidden:	False
ColumnOrder:	3
ColumnWidth:	2100
ColumnWidths:	0;1440
CurrencyLCID:	0
DataUpdatable:	True
Description:	Species transmitter was used with [SpeciesID]
DisplayControl:	Combo Box
GUID:	{guid {DE47C4B2-B0E9-4FF1-AFA8-5B565F05ECFB}}
IMEMode:	0
IMESentenceMode:	3
LimitToList:	True
ListRows:	50
ListWidth:	1440twip
OrdinalPosition:	6
Precision:	1033
Required:	False
ResultType:	0
RowSource:	SELECT Species.SpeciesID, Species.Species FROM Species ORDER BY Species.Species;
RowSourceType:	Table/Query
Scale:	0
ShowOnlyRowSourceValues:	False
SourceField:	SpeciesID
SourceTable:	Transmitters
TextAlign:	General
UnicodeCompression:	True

Length

Long Integer

4

AggregateType:	-1
AllowZeroLength:	False
AppendOnly:	False
Attributes:	Fixed Size, Updatable
Caption:	Fork length (mm)
CollatingOrder:	General
ColumnHidden:	True
ColumnOrder:	10
ColumnWidth:	1440
CurrencyLCID:	0
DataUpdatable:	True
DecimalPlaces:	0
Description:	Fork length of fish in mm [Length]
DisplayControl:	Text Box
Format:	Fixed
GUID:	{guid {CCF1B280-C98B-42E2-B8F9-EDBD18CD4450}}
OrdinalPosition:	7
Precision:	1033
Required:	False
ResultType:	0
Scale:	0
SourceField:	Length
SourceTable:	Transmitters
TextAlign:	General

Querv: Detections
VSerial

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4

Short Text

AggregateType: -1
 AllowMultipleValues: False
 AllowValueListEdits: False
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Variable Length, Updatable
 BoundColumn: 1
 Caption: Receiver at this location
 CollatingOrder: General
 ColumnCount: 1
 ColumnHeads: False
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: 2115
 CurrencyLCID: 0
 DataUpdatable: True
 Description: Receiver data: Internal serial number of receiver [VSerial]
 DisplayControl: Combo Box
 GUID: {guid {C83BDE3D-130E-43DF-96B0-3DCE28484E10}}
 IMEMode: 0
 IMESentenceMode: 3
 LimitToList: False
 ListRows: 16
 ListWidth: 0twip
 OrdinalPosition: 8
 Precision: 1033
 Required: False
 ResultType: 0
 RowSource: VR2_Receivers
 RowSourceType: Table/Query
 Scale: 0
 ShowOnlyRowSourceValues: False
 SourceField: VSerial
 SourceTable: Events
 TextAlign: General
 UnicodeCompression: False

NumberInArray

Long Integer

4

AggregateType: -1
 AllowZeroLength: False
 AppendOnly: False
 Attributes: Fixed Size, Updatable
 CollatingOrder: General
 ColumnHidden: False
 ColumnOrder: Default
 ColumnWidth: 2490
 CurrencyLCID: 0
 DataUpdatable: True
 DecimalPlaces: Auto
 Description: Number of receivers in array
 DisplayControl: Text Box
 OrdinalPosition: 9
 Precision: 1033
 Required: False

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ResultType:	0		
Scale:	0		
SourceField:	NumberInArray		
SourceTable:	Events		
TextAlign:	General		
AxisPosition		Short Text	1
AggregateType:	-1		
AllowZeroLength:	True		
AppendOnly:	False		
Attributes:	Variable Length, Updatable		
Caption:	Axis upstream or downstream		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
CurrencyLCID:	0		
DataUpdatable:	True		
Description:	Receiver is upstream or downstream in array		
DisplayControl:	Text Box		
IMEMode:	0		
IMESentenceMode:	3		
OrdinalPosition:	10		
Precision:	1033		
Required:	False		
ResultType:	0		
Scale:	0		
SourceField:	AxisPosition		
SourceTable:	Events		
TextAlign:	Left		
UnicodeCompression:	True		
Easting		Double	8
AggregateType:	-1		
AllowZeroLength:	False		
AppendOnly:	False		
Attributes:	Fixed Size, Updatable		
Caption:	UTM Easting		
CollatingOrder:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	1545		
CurrencyLCID:	0		
DataUpdatable:	True		
DecimalPlaces:	0		
Description:	Location data: UTM Easting coordinates of receiver deployment location [Easting]		
DisplayControl:	Text Box		
Format:	Standard		
GUID:	{guid {7475575D-077A-402E-B944-71A6DC80DF98}}		
OrdinalPosition:	11		
Precision:	1033		
Required:	True		
ResultType:	0		
Scale:	0		
SourceField:	Easting		

	SourceTable:	Events	
	TextAlign:	General	
Northing		Double	8
	AggregateType:	-1	
	AllowZeroLength:	False	
	AppendOnly:	False	
	Attributes:	Fixed Size, Updatable	
	Caption:	UTM Northing	
	CollatingOrder:	General	
	ColumnHidden:	False	
	ColumnOrder:	Default	
	ColumnWidth:	2205	
	CurrencyLCID:	0	
	DataUpdatable:	True	
	DecimalPlaces:	0	
	Description:	Location data: UTM Northing coordinates of receiver deployment location [[Northing]	
	DisplayControl:	Text Box	
	Format:	Standard	
	GUID:	{guid {4E856D85-DCBC-4CB3-9BAC-75F6CFD94053}}	
	OrdinalPosition:	12	
	Precision:	1033	
	Required:	True	
	ResultType:	0	
	Scale:	0	
	SourceField:	Northing	
	SourceTable:	Events	
	TextAlign:	General	
SourceLoc		Short Text	3
	AggregateType:	-1	
	AllowMultipleValues:	False	
	AllowValueListEdits:	False	
	AllowZeroLength:	False	
	AppendOnly:	False	
	Attributes:	Variable Length, Updatable	
	BoundColumn:	1	
	Caption:	Source of fish	
	CollatingOrder:	General	
	ColumnCount:	2	
	ColumnHeads:	False	
	ColumnHidden:	False	
	ColumnOrder:	8	
	ColumnWidth:	4185	
	ColumnWidths:	0;1440	
	CurrencyLCID:	0	
	DataUpdatable:	True	
	Description:	Lookup to LocationNames table [SourceLoc]	
	DisplayControl:	Combo Box	
	GUID:	{guid {E25FD7BC-D56C-4A86-AABC-D51621A4AF7C}}	
	IMEMode:	0	
	IMESentenceMode:	3	
	LimitToList:	True	
	ListRows:	8	

ListWidth: 1440twip
OrdinalPosition: 13
Precision: 1033
Required: False
ResultType: 0
RowSource: SELECT LocationNames.LocnID, LocationNames.LocationName FROM LocationNames ORDER BY [LocationName];
RowSourceType: Table/Query
Scale: 0
ShowOnlyRowSourceValues: False
SourceField: SourceLoc
SourceTable: Transmitters
TextAlign: General
UnicodeCompression: False

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
LocationNamesEvents	1
Clustered:	False
DistinctCount:	37
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
LocnId	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
LocnId	Ascending
Easting	Ascending
Northing	Ascending
EventWhen	Ascending
UniqueLocnAndWhen	2
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	UniqueLocnAndWhen
Primary:	False
Required:	False
Unique:	True

Fields:	
EventWhen	Ascending
LocnId	Ascending
VR2_ReceiversEvents	1
Clustered:	False
DistinctCount:	52
Foreign:	True
IgnoreNulls:	False
Name:	VR2_ReceiversEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
VSerial	Ascending
When	1
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	When
Primary:	False
Required:	False
Unique:	True
Fields:	
EventWhen	Ascending
EventsDetectionsVR2	1
Clustered:	False
DistinctCount:	434
Foreign:	True
IgnoreNulls:	False
Name:	EventsDetectionsVR2
Primary:	False
Required:	False
Unique:	False
Fields:	
EventWhen	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	206691
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
StudyYear	Ascending
Transmitter	Ascending
WhenDetect	Ascending
EventWhen	Ascending
TransmittersDetectionsVR2	2
Clustered:	False
DistinctCount:	389

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Foreign:	True
IgnoreNulls:	False
Name:	TransmittersDetectionsVR2
Primary:	False
Required:	False
Unique:	False
Fields:	
StudyYear	Ascending
Transmitter	Ascending
YearAndTransmitter	2
Clustered:	False
DistinctCount:	389
Foreign:	False
IgnoreNulls:	False
Name:	YearAndTransmitter
Primary:	False
Required:	False
Unique:	False
Fields:	
StudyYear	Ascending
Transmitter	Ascending
LocationNamesEvents	1
Clustered:	False
DistinctCount:	37
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
LocnId	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
LocnId	Ascending
Easting	Ascending
Northing	Ascending
EventWhen	Ascending
UniqueLocnAndWhen	2
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	UniqueLocnAndWhen
Primary:	False

Querv: Detections

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	Required:	False
	Unique:	True
	Fields:	
	EventWhen	Ascending
	LocnId	Ascending
VR2_ReceiversEvents		1
	Clustered:	False
	DistinctCount:	52
	Foreign:	True
	IgnoreNulls:	False
	Name:	VR2_ReceiversEvents
	Primary:	False
	Required:	False
	Unique:	False
	Fields:	
	VSerial	Ascending
When		1
	Clustered:	False
	DistinctCount:	880
	Foreign:	False
	IgnoreNulls:	False
	Name:	When
	Primary:	False
	Required:	False
	Unique:	True
	Fields:	
	EventWhen	Ascending
AbbrLocationName		1
	Clustered:	False
	DistinctCount:	33
	Foreign:	False
	IgnoreNulls:	False
	Name:	AbbrLocationName
	Primary:	False
	Required:	False
	Unique:	True
	Fields:	
	AbbrLocationName	Ascending
LocationName		1
	Clustered:	False
	DistinctCount:	42
	Foreign:	False
	IgnoreNulls:	False
	Name:	LocationName
	Primary:	False
	Required:	False
	Unique:	False
	Fields:	
	LocationName	Ascending
LocnID		1
	Clustered:	False
	DistinctCount:	43
	Foreign:	False

Querv: Detections

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IgnoreNulls:	False
Name:	LocnID
Primary:	False
Required:	False
Unique:	True
Fields:	
LocnID	Ascending
MacroVarName	1
Clustered:	False
DistinctCount:	43
Foreign:	False
IgnoreNulls:	False
Name:	MacroVarName
Primary:	False
Required:	False
Unique:	True
Fields:	
MacroVarName	Ascending
Number in 2004 and 2005	1
Clustered:	False
DistinctCount:	5
Foreign:	False
IgnoreNulls:	False
Name:	Number in 2004 and 2005
Primary:	False
Required:	False
Unique:	False
Fields:	
Number in 2004 and 2005	Ascending
Number in 2006	1
Clustered:	False
DistinctCount:	5
Foreign:	False
IgnoreNulls:	False
Name:	Number in 2006
Primary:	False
Required:	False
Unique:	False
Fields:	
Number in 2006	Ascending
Number in 2007	1
Clustered:	False
DistinctCount:	7
Foreign:	False
IgnoreNulls:	False
Name:	Number in 2007
Primary:	False
Required:	False
Unique:	False
Fields:	
Number in 2007	Ascending
PrimaryKey	1
Clustered:	False

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DistinctCount:	43
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
LocnID	Ascending
StreamsLocationNames	1
Clustered:	False
DistinctCount:	12
Foreign:	True
IgnoreNulls:	False
Name:	StreamsLocationNames
Primary:	False
Required:	False
Unique:	False
Fields:	
StreamID	Ascending
LocationNamesEvents	1
Clustered:	False
DistinctCount:	37
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
LocnId	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
LocnId	Ascending
Easting	Ascending
Northing	Ascending
EventWhen	Ascending
UniqueLocnAndWhen	2
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	UniqueLocnAndWhen
Primary:	False
Required:	False

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	Unique:	True
	Fields:	
	EventWhen	Ascending
	LocnId	Ascending
VR2_ReceiversEvents		1
	Clustered:	False
	DistinctCount:	52
	Foreign:	True
	IgnoreNulls:	False
	Name:	VR2_ReceiversEvents
	Primary:	False
	Required:	False
	Unique:	False
	Fields:	
	VSerial	Ascending
When		1
	Clustered:	False
	DistinctCount:	880
	Foreign:	False
	IgnoreNulls:	False
	Name:	When
	Primary:	False
	Required:	False
	Unique:	True
	Fields:	
	EventWhen	Ascending
EventsTransmitters		2
	Clustered:	False
	DistinctCount:	50
	Foreign:	True
	IgnoreNulls:	False
	Name:	EventsTransmitters
	Primary:	False
	Required:	False
	Unique:	False
	Fields:	
	WhenReleased	Ascending
	SourceLoc	Ascending
LocationNamesTransmitters		1
	Clustered:	False
	DistinctCount:	5
	Foreign:	True
	IgnoreNulls:	False
	Name:	LocationNamesTransmitters
	Primary:	False
	Required:	False
	Unique:	False
	Fields:	
	SourceLoc	Ascending
PrimaryKey		2
	Clustered:	False
	DistinctCount:	473
	Foreign:	False

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IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
StudyYear	Ascending
Transmitter	Ascending
SpeciesTransmitters	1
Clustered:	False
DistinctCount:	10
Foreign:	True
IgnoreNulls:	False
Name:	SpeciesTransmitters
Primary:	False
Required:	False
Unique:	False
Fields:	
SpeciesID	Ascending
TransmittersEventWhen	1
Clustered:	False
DistinctCount:	5
Foreign:	False
IgnoreNulls:	False
Name:	TransmittersEventWhen
Primary:	False
Required:	False
Unique:	False
Fields:	
EventWhen	Ascending
LocationNamesEvents	1
Clustered:	False
DistinctCount:	37
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
LocnId	Ascending
PrimaryKey	4
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True

Fields:	
LocnId	Ascending
Easting	Ascending
Northing	Ascending
EventWhen	Ascending
UniqueLocnAndWhen	2
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	UniqueLocnAndWhen
Primary:	False
Required:	False
Unique:	True
Fields:	
EventWhen	Ascending
LocnId	Ascending
VR2_ReceiversEvents	1
Clustered:	False
DistinctCount:	52
Foreign:	True
IgnoreNulls:	False
Name:	VR2_ReceiversEvents
Primary:	False
Required:	False
Unique:	False
Fields:	
VSerial	Ascending
When	1
Clustered:	False
DistinctCount:	880
Foreign:	False
IgnoreNulls:	False
Name:	When
Primary:	False
Required:	False
Unique:	True
Fields:	
EventWhen	Ascending
EventsTransmitters	2
Clustered:	False
DistinctCount:	50
Foreign:	True
IgnoreNulls:	False
Name:	EventsTransmitters
Primary:	False
Required:	False
Unique:	False
Fields:	
WhenReleased	Ascending
SourceLoc	Ascending
LocationNamesTransmitters	1
Clustered:	False

Querv: Detections

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DistinctCount:	5
Foreign:	True
IgnoreNulls:	False
Name:	LocationNamesTransmitters
Primary:	False
Required:	False
Unique:	False
Fields:	
SourceLoc	Ascending
PrimaryKey	2
Clustered:	False
DistinctCount:	473
Foreign:	False
IgnoreNulls:	False
Name:	PrimaryKey
Primary:	True
Required:	True
Unique:	True
Fields:	
StudyYear	Ascending
Transmitter	Ascending
SpeciesTransmitters	1
Clustered:	False
DistinctCount:	10
Foreign:	True
IgnoreNulls:	False
Name:	SpeciesTransmitters
Primary:	False
Required:	False
Unique:	False
Fields:	
SpeciesID	Ascending
TransmittersEventWhen	1
Clustered:	False
DistinctCount:	5
Foreign:	False
IgnoreNulls:	False
Name:	TransmittersEventWhen
Primary:	False
Required:	False
Unique:	False
Fields:	
EventWhen	Ascending

User Permissions

admin

Delete, Read Permissions, Set Permissions, Change Owner, Read Definition,
Write Definition, Read Data, Insert Data, Update Data, Delete Data

Group Permissions

Admins	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Write Definition, Read Data, Insert Data, Update Data, Delete Data
Users	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Write Definition, Read Data, Insert Data, Update Data, Delete Data

Properties

Container:	Modules	DateCreated:	08/30/2007 3:10:13 PM
LastUpdated:	08/30/2007 3:10:13 PM	Owner:	admin
UserName:	admin		

Code

```
1 Attribute VB_Name = "DataMaintenance"
2 Option Compare Database
3 Option Explicit
4 Const LocToThalwegDis As String = "2000."
5 Private Sub OutputReport()
6 DoCmd.OutputTo acOutputReport, "Last known fish position", _
7   acFormatRTF, "j:\Last known fish position.rtf", True
8 End Sub
9 Sub CheckRecords()
10 Dim rst As New ADODB.Recordset
11 DoCmd.SetWarnings False
12 DoCmd.RunSQL "UPDATE Events SET Events.Checked = Null;"
13 ' Open Events
14 'rst.Open "SELECT Events.FileName, Events.EventID, Events.VR2PreviousStop, Events.Checked
15   " & _
16     "FROM Events " & _
17     "WHERE ((Not (Events.VR2PreviousStop) Is Null) AND ((Events.VSerial)<""9999"")) AND
18   (Not (Events.DataFile) Is Null)); ", _
19   CurrentProject.Connection, adOpenDynamic, adLockOptimistic
20 rst.Open "SELECT Events.StudyYear, Events.EventID, Events.FileName " & _
21   "FROM Events " & _
22   "WHERE (((Events.StudyYear) = ""7"")) And ((Events.EventID) > 539) And (Not
23   (Events.FileName) Is Null) And ((Events.VSerial) <> ""3117"" And (Events.VSerial) <>
24   ""3118"" And (Events.VSerial) <> ""MVR2"" And (Events.VSerial) <> ""MV28"")) And (Not
25   (Events.DataFile) Is Null)) " & _
26   "ORDER BY Events.StudyYear DESC , Events.EventID, Events.VSerial;", _
27   CurrentProject.Connection, adOpenDynamic, adLockOptimistic
28 rst.MoveFirst
29 On Error Resume Next
30 DoCmd.DeleteObject acTable, "VR2File"
31 DoCmd.DeleteObject acTable, "VR2File_ImportErrors"
32 Do While Not rst.EOF
33   On Error GoTo 0 ' ErrHappened
34   DoCmd.TransferText acImportDelim, "VR2 Import Specification", "VR2File", "J:\t\" &
35     Left(rst.Fields("FileName"), 18) & ".txt"
36   DoCmd.RunSQL "SELECT TempVR2.StudyYear, TempVR2.Transmitter,
37     DateAdd("""h"" ,IIf(DLookup("""VR2TimeStandard"" ,""Events"" ,""EventID = " &
38     rst.Fields("EventID") & " ""))=""PDT"" , -1,0),[whendetected]) AS WhenDetect " & _
39     "INTO TempVR2 " & _
40     "FROM [SELECT VR2File.Date+VR2File.Time AS WhenDetect0,
41     Right(Year(vr2file.date),1) AS StudyYear, VR2File.Transmitter FROM VR2File WHERE
42     (((VR2File.Flag) Like "">4*""))]. AS TempVR2 " & _
```

```
34 "WHERE (((DateAdd("h",IIf(DLookup("VR2TimeStandard","Events","EventID
= " & rst.Fields("EventID") & " ")="PDT",-
1,0),[whendetected]))>DLookup("VR2PreviousStop","Events","EventID = " &
rst.Fields("EventID") & " "));"
35
36 DoCmd.RunSQL "INSERT INTO intalldetections ( StudyYear, Transmitter, WhenDetect,
EventID, Reason ) " & _
37 "SELECT tAllDetections.StudyYear, tAllDetections.Transmitter,
tAllDetections.WhenDetect, tAllDetections.EventID, tAllDetections.Reason " & _
38 "FROM tAllDetections LEFT JOIN TempVR2 ON
(format(tAllDetections.WhenDetect,"m/d/yy hh:nn:ss") =
format(TempVR2.WhenDetect,"m/d/yy hh:nn:ss")) AND (tAllDetections.Transmitter =
TempVR2.Transmitter) " & _
39 "WHERE (((tAllDetections.EventID)=" & rst.Fields("EventID") & ") AND
((TempVR2.WhenDetect) Is Null));"
40
41 DoCmd.RunSQL "INSERT INTO InVR2File ( StudyYear, Transmitter, EventID, WhenDetect ) "
& _
42 "SELECT TempVR2.StudyYear, TempVR2.Transmitter, " & rst.Fields("EventID") & " as
EventID, TempVR2.WhenDetect " & _
43 "FROM TempVR2 LEFT JOIN tAllDetections ON
(format(TempVR2.WhenDetect,"m/d/yy hh:nn:ss") =
format(tAllDetections.WhenDetect,"m/d/yy hh:nn:ss")) AND (TempVR2.Transmitter =
tAllDetections.Transmitter) AND (TempVR2.StudyYear = tAllDetections.StudyYear) " & _
44 "WHERE (((tAllDetections.WhenDetect) Is Null));"
45
46 Debug.Print rst.Fields("EventID")
47 'rst.Fields("Checked") = True
48 On Error Resume Next
49 DoCmd.DeleteObject acTable, "VR2File"
50 DoCmd.DeleteObject acTable, Left(rst.Fields("FileName"), 17) & "_ImportErrors"
51 rst.Update
52 ErrHappened:
53 'DoCmd.DeleteObject acTable, "tblVR2Import"
54 Open "J:\joblog.text" For Append As #1
55 Write #1, rst.Fields("StudyYear"), rst.Fields("EventID")
56 Close #1
57 rst.MoveNext
58 Loop
59 DoCmd.SetWarnings True
60 End Sub
61 Public Sub SetPreviousStop()
62 'DoCmd.SetWarnings False
63 ' The following sets the value of the 'VR2PreviousStop' field in table Events, so that the time
span of the receiver deployment is available for validity checking.
64 DoCmd.RunSQL "UPDATE Events SET Events.VR2PreviousStop =
DMax("VR2StopTime","Events"," " & _
65 " "[Events].[VSerial] = '" & [Events].[VSerial] & "' AND " & _
66 " "[Events].[VR2StopTime] < #" & [Events].[VR2StopTime] & "#" )" & _
67 "WHERE (((Events.VSerial)<"9999"));", False
68 ' Now set those crossing years or Deployments to null...
69 DoCmd.RunSQL "UPDATE Events SET Events.VR2PreviousStop = Null " & _
70 "WHERE (((Year([VR2PreviousStop])<>Year([Events].[VR2StopTime]))) OR
(((Events.Event) Like "Deploy*"));", False
71 ' Finally set those at deployment to be the VR2 initialization time...
72 DoCmd.RunSQL "UPDATE Events SET Events.VR2PreviousStop = [Events]![vr2inittime] " & _
73 "WHERE (((Events.Event)="Deployment") OR ((Events.Event)="Reinitialize"));",
False
```

```
74 ' Calculate the number of new detections, the distance the receiver moved, and the distance
    along the thalweg that it moved..
75 DoCmd.RunSQL "UPDATE Events SET Events.Moved = Null, " & _
76             "Events.ThalMoved = Null, " & _
77             "Events.NewDetections = Null, " & _
78             "Events.NewSyncs = Null, " & _
79             "Events.NewChecksumInvalid = Null, " & _
80             "Events.NewPulses = Null;"
81 DoCmd.RunSQL "UPDATE Events INNER JOIN Events AS PrevLocation ON
    (Format(Events.VR2PreviousStop,""m/d/yy hh:nn:ss"") =
    format(PrevLocation.VR2StopTime,""m/d/yy hh:nn:ss"")) AND (Events.VSerial =
    PrevLocation.VSerial) " & _
82     "SET Events.NewDetections = [Events]![TotalDetections]-
    [PrevLocation]![TotalDetections], " & _
83     "Events.NewSyncs = [Events]![TotalSyncs]-[PrevLocation]![TotalSyncs], " & _
84     "Events.NewChecksumInvalid = [Events]![CheckSumInvalid]-
    [PrevLocation]![CheckSumInvalid], " & _
85     "Events.NewPulses = [Events]![TotalPulses]-[PrevLocation]![TotalPulses], " & _
86     "Events.Moved = Sqr(([Events]![Easting]-
    [PrevLocation]![Easting])^2+([Events]![Northing]-[PrevLocation]![Northing])^2), " & _
87     "Events.ThalMoved = ([Events]![riverdistance]-[PrevLocation]![riverdistance])*1000 "
    & _
88     "WHERE (((Events.VSerial)<>""MVR2"" And (Events.VSerial)<>""MV28""));", False
89 End Sub
90 Sub SetRiverKM()
91 Dim rstLocat As New ADODB.Recordset
92 Dim rst As New ADODB.Recordset
93 Dim RivDist(1 To 2) As Double
94 Dim East(1 To 2) As Double
95 Dim North(1 To 2) As Double
96 Dim DistToThal(1 To 2) As Double
97 Dim Dist As Double
98 Dim AngleB As Double
99 Dim I As Long
100
101 ' Dataset for Events table:
102 'rstLocat.Open "SELECT Events.RiverDistance, Events.Easting, Events.Northing,
    LocationNames.StreamID " & _
103     "FROM LocationNames INNER JOIN Events ON LocationNames.Location =
    Events.Location " & _
104     "WHERE ((Not (Events.Event)=""Mobile""));", _
105     CurrentProject.Connection, adOpenForwardOnly, adLockOptimistic
106
107 ' Dataset for DetectionsVR28 table:
108 'rstLocat.Open "SELECT DetectionsVR28.RiverDistance, DetectionsVR28.Easting,
    DetectionsVR28.Northing, EventsMobile.StreamID " & _
109     "FROM EventsMobile INNER JOIN DetectionsVR28 ON EventsMobile.EventID =
    DetectionsVR28.EventID;", _
110     CurrentProject.Connection, adOpenForwardOnly, adLockOptimistic
111
112 ' Dataset for DetectionsFloats table:
113 rstLocat.Open "SELECT Streams.StreamID, DetectionsFloats.RiverDistance,
    DetectionsFloats.Northing, DetectionsFloats.Easting " & _
114     "FROM Streams INNER JOIN (LocationNames INNER JOIN (Events INNER JOIN
    DetectionsFloats ON Events.EventID = DetectionsFloats.EventID) ON LocationNames.LocnID =
    Events.LocnID) ON Streams.StreamID = LocationNames.StreamID " & _
```

```
115      "WHERE ((Not (DetectionsFloats.Northing) Is Null) AND (Not
      (DetectionsFloats.Easting) Is Null) AND (Not (DetectionsFloats.Transmitter) Is Null));",
      CurrentProject.Connection, adOpenForwardOnly, adLockOptimistic
116
117 rstLocat.MoveFirst
118 Do While Not rstLocat.EOF
119     ' Find the set of river thalweg coordinates closest to the current point...
120     rst.Open "SELECT RiverCoords.StreamID, Sqr((RiverCoords!Northing-" &
      CStr(rstLocat.Fields("Northing")) & ")^2+(RiverCoords!easting-" &
      CStr(rstLocat.Fields("Easting")) & ")^2) AS HowFar, RiverCoords.Easting,
      RiverCoords.Northing, RiverCoords.RiverDistance " & _
121         "FROM RiverCoords " & _
122         "WHERE (((RiverCoords.StreamID) Like "" & rstLocat.Fields("StreamID") & ""))
      And ((Abs([RiverCoords]![Northing] - " & CStr(rstLocat.Fields("Northing")) & ") < " &
      LocToThalwegDis & " ) And ((Abs([RiverCoords]![easting] - " & CStr(rstLocat.Fields("Easting"))
      & ") < " & LocToThalwegDis & " )) " & _
123         "ORDER BY Sqr((RiverCoords!Northing-" & CStr(rstLocat.Fields("Northing")) &
      ")^2+(RiverCoords!easting-" & CStr(rstLocat.Fields("Easting")) & ")^2);",
      CurrentProject.Connection, adOpenKeyset, adLockOptimistic
124     ' Be sure records found..
125     If rst.RecordCount > 0 Then
126         rst.MoveFirst
127         RivDist(1) = rst.Fields("RiverDistance") * 1000# ' Work in meters here
128         North(1) = rst.Fields("Northing")
129         East(1) = rst.Fields("Easting")
130         DistToThal(1) = rst.Fields("HowFar")
131         rst.MoveNext
132         RivDist(2) = rst.Fields("RiverDistance") * 1000# ' Work in meters here
133         North(2) = rst.Fields("Northing")
134         East(2) = rst.Fields("Easting")
135         DistToThal(2) = rst.Fields("HowFar")
136         If RivDist(1) < RivDist(2) Then
137             I = 1
138         Else
139             I = 2
140         End If
141         Dist = RivDist(3 - I) - RivDist(I)
142         rstLocat.Fields("RiverDistance") = ((Sin(1.5707963267949 - ArcCos((DistToThal(I) ^ 2
      + Dist ^ 2 - DistToThal(3 - I) ^ 2) / (2# * DistToThal(I) * Dist))) * DistToThal(I)) + RivDist(I))
      / 1000#
143         rstLocat.Update
144     End If
145     rst.Close
146     rstLocat.MoveNext
147 Loop
148 End Sub
149 Private Function ArcCos(X As Double) As Double
150 If Abs(X) >= 1# Then
151     ArcCos = 2# * Atn(1#)
152 Else
153     ArcCos = Atn(-X / Sqr(-X * X + 1#)) + 2# * Atn(1#)
154 End If
155 End Function
156 Sub LookForDups()
157 Dim rst As New ADODB.Recordset
158 rst.Open "SELECT Transmitters.StudyYear, Transmitters.Transmitter " & _
159     "FROM Transmitters " & _
```



```
160      "WHERE ((Not (Transmitters.WhenReleased) Is Null))" & _
161      "ORDER BY Transmitters.StudyYear DESC , Transmitters.Transmitter;",
      CurrentProject.Connection, adOpenForwardOnly, adLockReadOnly
162  rst.MoveFirst
163  DoCmd.SetWarnings False
164  While Not rst.EOF
165      'If rst.Fields("StudyYear") = "6" Then MsgBox "Pause"
166      ' Create temporary table for this year and transmitter...
167      DoCmd.RunSQL "SELECT Alldetections.Source, Alldetections.whendetected INTO Temp " & _
168          "FROM Alldetections " & _
169          "WHERE (((Alldetections.transmitter)= " & rst.Fields("Transmitter") & ") AND
      ((Alldetections.studyyear)=" & rst.Fields("StudyYear") & "));"
170      ' Look for duplicate values of WhenDetect in Temp table, and append to Dups table...
171      DoCmd.RunSQL "INSERT INTO Dups ( WhenDetect, Source, Transmitter, StudyYear ) " & _
172          "SELECT Temp.whendetected, Temp.Source, " & rst.Fields("Transmitter") & " AS
      Transmitter, " & rst.Fields("StudyYear") & " AS Studyyear " & _
173          "FROM Temp " & _
174          "WHERE (((Temp.whendetected) In (SELECT [whendetected] FROM [Temp] As Tmp
      GROUP BY [whendetected] HAVING Count(*)>1 ))) " & _
175          "ORDER BY Temp.whendetected;"
176  rst.MoveNext
177  Wend
178  rst.Close
179  End Sub
180  Sub DelBackChannelRecs()
181  DoCmd.RunSQL "DELETE RecvrPerf.StudyYear, RecvrPerf.Transmitter, RecvrPerf.StayNumber,
      RecvrPerf.LocnId " & _
182      "FROM RecvrPerf " & _
183      "WHERE (((RecvrPerf.StudyYear)=[Forms]![ReceiverPerformance2]![StudyYear]) AND
      ((RecvrPerf.Transmitter)=[Forms]![ReceiverPerformance2]![Transmitter]) AND
      ((RecvrPerf.StayNumber)=[Forms]![ReceiverPerformance2]![StayNumber]) AND
      ((RecvrPerf.LocnId)="230" Or (RecvrPerf.LocnId)="234"));"
184  End Sub
```

User Permissions

admin	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
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Group Permissions

Admins	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
Users	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition

Properties

Container:	Modules	DateCreated:	08/30/2007 3:10:13 PM
LastUpdated:	08/30/2007 3:10:13 PM	Owner:	admin
UserName:	admin		

Code

```
1 Attribute VB_Name = "modSequenceThalweg"
2 Option Compare Database
3 Option Explicit
4 Const SearchBoxSize As String = "1500."
5 ' Routine to calculate the upstream distance along the thalwegs.
6 Sub SequenceThalweg()
7 Dim rstStart As New ADODB.Recordset
8 Dim rst As New ADODB.Recordset
9 Dim PrevEast As Double 'String
10 Dim PrevNorth As Double 'String
11 Dim Seq As Long
12 Dim Dstnce As Double
13 Dim NRecs As Long
14 ' Get the starting point for each stream..
15 rstStart.Open "SELECT RiverCoords.Stream, RiverCoords.Northing, RiverCoords.Easting,
RiverCoords.Sequence " & _
16 "FROM RiverCoords " & _
17 "WHERE (((RiverCoords.Sequence)=1));", CurrentProject.Connection,
adOpenForwardOnly, adLockReadOnly
18 ' "WHERE (((RiverCoords.Sequence)=1) and RiverCoords.Stream=""Mill Creek"");",
CurrentProject.Connection, adOpenForwardOnly, adLockReadOnly
19 rstStart.MoveFirst
20 ' Clear out the sequence numbering (except the first) from RiverCoords
21 DoCmd.RunSQL "UPDATE RiverCoords SET RiverCoords.Sequence = Null WHERE
(((RiverCoords.Sequence)<>1));"
22 ' For each stream's starting point...
23 Do While Not rstStart.EOF
24 Debug.Print rstStart.Fields("Stream")
25 PrevEast = rstStart.Fields("Easting")
26 PrevNorth = rstStart.Fields("Northing")
27 Seq = 1
28 Dstnce = 0#
29 Do
30 ' Get records from RiverCoords within SearchBoxSize m of previous point, calculate all
distances to previous point, and find closest one
31 rst.Open "SELECT cdbl(Sqr((RiverCoords!Northing-" & PrevNorth &
")^2+(RiverCoords!Easting-" & PrevEast & ")^2)) AS HowFar, " & _
32 "RiverCoords.Sequence, RiverCoords.Easting, RiverCoords.Northing,
RiverCoords.Stream, RiverCoords.RiverDistance " & _
33 "FROM RiverCoords " & _
34 "WHERE (((RiverCoords.Stream) Like """" & rstStart.Fields("Stream") & """" ) And " &
_
35 "((Abs([RiverCoords]![Northing] - " & PrevNorth & ")) < " & SearchBoxSize & " )
And " & _
36 "((Abs([RiverCoords]![Easting] - " & PrevEast & ")) < " & SearchBoxSize & " )
And " & _
```

```
37      "((RiverCoords.Sequence) Is Null)) " & _
38      "ORDER BY cdbl(Sqr((RiverCoords!Northing-" & PrevNorth &
      ")^2+(RiverCoords!easting-" & PrevEast & ")^2));", _
39      CurrentProject.Connection, adOpenKeyset, adLockOptimistic
40      If rst.RecordCount < 1 Then ' None were found within RiverDistance
41          rst.Close
42          Exit Do
43          End If
44      ' Go to the first (closest) point
45      rst.MoveFirst
46      Seq = Seq + 1
47      ' Update the data in the table
48      rst.Fields("Sequence") = Seq
49      Dstnce = Dstnce + rst.Fields("HowFar")
50      rst.Fields("RiverDistance") = CSng(Dstnce / 1000#)
51      ' Debug.Print rst.Fields("Stream"), rst.Fields("RiverDistance"), rst.Fields("Sequence")
52      ' Save the current location
53      PrevEast = rst.Fields("Easting") 'CStr(rst.Fields("Easting"))
54      PrevNorth = rst.Fields("Northing") 'CStr(rst.Fields("Northing"))
55      rst.Update
56      rst.Close
57      Loop
58      rstStart.MoveNext
59      Loop
60 End Sub
61
```

User Permissions

admin	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
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Group Permissions

Admins	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
Users	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition

Properties

Container:	Modules	DateCreated:	09/13/2007 4:18:37 PM
LastUpdated:	09/13/2007 4:18:37 PM	Owner:	admin
UserName:	admin		

Code

```
1  Attribute VB_Name = "ReceiverPerformance"
2  Option Compare Database
3  Option Explicit
4  Sub CreateFishStays()
5  Dim rstDetects As New ADODB.Recordset
6  Dim rstFishStays As New ADODB.Recordset
7  Dim PStudyYear As String
8  Dim PTransmitter As Integer
9  Dim PWhenDetect As Date
10 Dim PEventID As Long
11 Dim Counter As Long
12 rstDetects.Open "SELECT detections.StudyYear, detections.Transmitter,
detections.WhenDetect, detections.EventID " & _
13     "FROM [SELECT DetectionsVR2.EventID, Transmitter, WhenDetect, StudyYear " & _
14     "FROM DetectionsVR2 " & _
15     "UNION ALL " & _
16     "SELECT Transmitters.ReleaseLoc AS EventID, Transmitters.Transmitter,
Transmitters.WhenReleased AS WhenDetect, Transmitters.StudyYear " & _
17     "FROM Transmitters " & _
18     "WHERE ((Not (Transmitters.ReleaseLoc) Is Null) And (Not (Transmitters.WhenReleased)
Is Null)) " & _
19     "UNION ALL " & _
20     "SELECT DummyReleases.ReleaseLoc, DummyReleases.Transmitter,
DummyReleases.WhenReleased, DummyReleases.StudyYear " & _
21     "FROM DummyReleases]. AS Detections " & _
22     "ORDER BY detections.StudyYear, detections.Transmitter, detections.WhenDetect,
detections.EventID;", _
23     CurrentProject.Connection, adOpenForwardOnly, adLockReadOnly
24
25 rstDetects.MoveFirst
26 ' Clear out the table FishStays...
27 DoCmd.RunSQL "DELETE FishStays.* FROM FishStays;"
28 rstFishStays.Open "SELECT FishStays.* FROM FishStays;", CurrentProject.Connection,
adOpenDynamic, adLockOptimistic
29 Do While Not rstDetects.EOF
30     If rstDetects!StudyYear <> PStudyYear Or rstDetects!Transmitter <> PTransmitter Then
Counter = 0
31     Counter = Counter + 1
32     rstFishStays.AddNew
33     rstFishStays!StudyYear = rstDetects!StudyYear
34     rstFishStays!Transmitter = rstDetects!Transmitter
35     rstFishStays!whendetected = rstDetects!whendetected
36     rstFishStays!EventID = rstDetects!EventID
37
38     rstFishStays.Update
```

User Permissions

admin	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
-------	---

Group Permissions

Admins	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
Users	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition

Properties

Container:	Modules	DateCreated:	09/13/2007 1:27:59 PM
LastUpdated:	09/13/2007 1:27:59 PM	Owner:	admin
UserName:	admin		

Code

```
1  Attribute VB_Name = "Utility"
2  Option Compare Database
3  Option Explicit
4  Public IncrementVariable As Long
5  Public PStudyYear As String
6  Public PTransmitter As Integer
7  Function IncrementValues(StudyYear As String, Transmitter As Integer) As Long
8  If StudyYear = "" Then IncrementVariable = 0
9  If StudyYear <> PStudyYear Or Transmitter <> PTransmitter Then
10   IncrementVariable = 0
11   PStudyYear = StudyYear
12   PTransmitter = Transmitter
13  End If
14  IncrementVariable = IncrementVariable + 1
15  IncrementValues = IncrementVariable
16  End Function
```

User Permissions

admin	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
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Group Permissions

Admins	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition
Users	Delete, Read Permissions, Set Permissions, Change Owner, Read Definition, Modify Definition

Properties

AccessVersion:	09.50	AllowBuiltInToolbars:	True
AllowDatasheetSchema:	True	AllowFullMenus:	True
AllowShortcutMenus:	True	AllowSpecialKeys:	True
AllowToolbarChanges:	True	ANSI Query Mode:	0
AppTitle:	Salmon telemetry	Auto Compact:	0
Build:	606	CheckTruncatedNumFields:	1
CollatingOrder:	General	DefaultBackupLocation:	
HasCustomGroups:	True	HasOfflineLists:	70
NavPane Category:	0	NavPane Closed:	0
NavPane Sort By:	1	NavPane View By:	2
NavPane Width:	339	Perform Name AutoCorrect:	0
Picture Property Storage For	1	ProjVer:	142
QueryTimeout:	60	RecordsAffected:	0
Row Limit:	10000	Show Navigation Pane Search	0
Show Values in Indexed:	1	Show Values in Non-Indexed	1
Show Values in Remote:	0	Show Values in Server:	0
Show Values in Snapshot:	1	Show Values Limit:	1000
ShowDocumentTabs:	True	StartupShowDBWindow:	True
StartupShowStatusBar:	True	Theme Resource Name:	Office Theme
Themed Form Controls:	1	Track Name AutoCorrect Info	0
Transactions:	True	Updatable:	True
Use Default Connection File:	0	Use Default Page Folder:	0
UseAppIconForFormRpt:	False	UseMDIMode:	1
Version:	12.0	WebDesignMode:	0

User Permissions

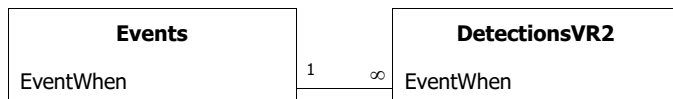
admin	Delete, Read Permissions, Set Permissions, Change Owner, Open/Run, Open Exclusive
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Group Permissions

Admins	Delete, Read Permissions, Set Permissions, Change Owner, Open/Run, Open Exclusive
Users	Delete, Read Permissions, Set Permissions, Change Owner, Open/Run, Open Exclusive

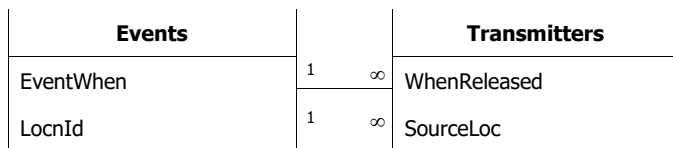
Relationships

EventsDetectionsVR2



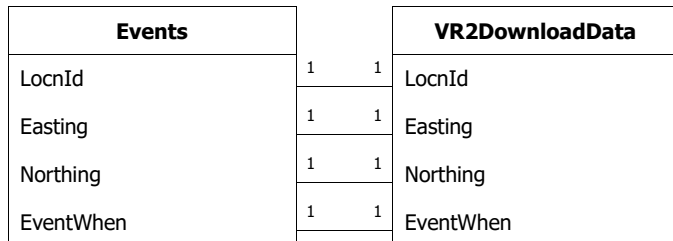
Attributes: Enforced, Cascade Updates, Cascade Deletes
RelationshipType: One-To-Many

EventsTransmitters



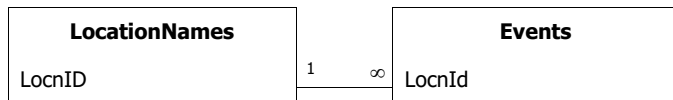
Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

EventsVR2DownloadData



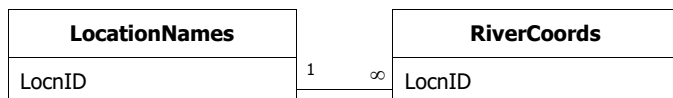
Attributes: Unique, Enforced, Cascade Updates
RelationshipType: One-To-One

LocationNamesEvents



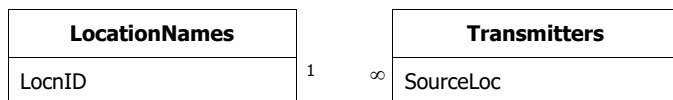
Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

LocationNamesRiverCoords



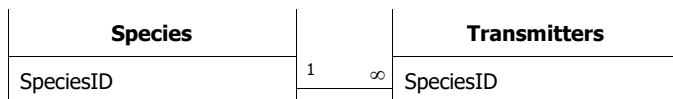
Attributes: Enforced
RelationshipType: One-To-Many

LocationNamesTransmitters



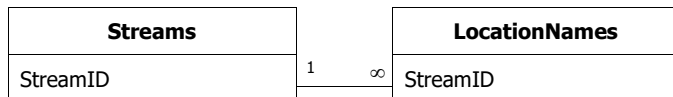
Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

SpeciesTransmitters



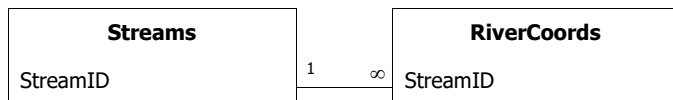
Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

StreamsLocationNames



Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

StreamsRiverCoords



Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

TransmittersDetectionsVR2

Transmitters			DetectionsVR2
StudyYear	1	∞	StudyYear
Transmitter	1	∞	Transmitter

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

VR2_ReceiversEvents

VR2_Receivers			Events
VSerial	1	∞	VSerial

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many

VR2_ReceiversVR2DownloadData

VR2_Receivers			VR2DownloadData
VSerial	1	∞	VSerial

Attributes: Enforced, Cascade Updates
RelationshipType: One-To-Many