

Data Acquisition Standard Operating Procedures

Northern Coastal Basins and Mosquito Lagoon Oyster Condition Assessment (ID# 5017)

Last Updated: 5/6/2023

Program Summary

Funded by SJRWMD, conducted by Northeast Aquatic Preserves with support from GTM NERR staff, and the University of Central Florida.

URLs

- Program -
- DDI - <https://data.florida-seacar.org/programs/details/5017>

Contacts

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Data Tables

- Data_5017A_Final
- Data_5017A_Load
- Data_5017B_Final
- Data_5017B_Load
- Data_5017C_Final
- Data_5017C_Load
- Data_5017D_Final
- Data_5017D_Load
- Data_5017E_Final
- Data_5017E_Load
- Data_5017F_Final
- Data_5017F_Load

Data Stored Procedures

- usp_Data_5017A_Load_insert
- usp_Data_5017B_Load_insert
- usp_Data_5017C_Load_insert
- usp_Data_5017D_Load_insert
- usp_Data_5017E_Load_insert
- usp_Data_5017F_Load_insert
- usp_combined_oyster_insert_5017A
- usp_combined_oyster_insert_5017B
- usp_combined_oyster_insert_5017D
- usp_combined_oyster_insert_5017E
- usp_combined_oyster_insert_5017F

Data Acquisition Standard Operating Procedures: ProgramID 5017

Date Created: 04/02/2020

Created By: Mrudhula Murali

Data File Path:

1. "\\forest.usf.edu\data\PDive\CAS-WI\Misc Projects\SEACAR_FDEP\Data\ID_5017_OCA\UCF_OCA_Data\"
2. "\\forest.usf.edu\data\PDive\CAS-WI\Misc Projects\SEACAR_FDEP\Data\ID_5017_OCA\ID_5017_all_reefs_to_date_10_26_17.xls\"

DDI URL: <http://dev.seacar.waterinstitute.usf.edu/datadiscovery/programs/details/5017>

Contact Information:

Contact Name: Nikki Dix

Contact Organization: Northern Coastal Basins and Mosquito Lagoon Oyster Condition Assessment

Contact Email: Nikki.Dix@dep.state.fl.us

Contact Phone:

Procedure Overview:

1. Use SQL Server Import Export Wizard to load the file "UCF data OHI DataFinal EH edits 12.18.15.xlsx" sheet "Reef_Master" column [Reef, X, Y] into table **Locations_5017A**.
2. Add values corresponding to Reef_ID value ['ML36', 'ML37'] from ID_5017_OCA\ID_5017_all_reefs_to_date_10_26_17.xls to **Locations_5017A**. (['ML36', 'ML37'] is equivalent to ['ML5', 'ML9'])
3. Use SQL Server Import Export Wizard to load the file "UCF data OHI DataFinal EH edits 12.18.15.xlsx" sheet "Reef_Summary" into table **Data_5017A_Load**.
4. Use SQL Server Import Export Wizard to load the "UCF data OHI DataFinal EH edits 12.18.15.xlsx" sheet "1_Counts" into table **Data_5017B_Load**.
5. Use SQL Server Import Export Wizard to load the file "UCF data OHI DataFinal EH edits 12.18.15.xlsx" sheet "Reef Thickness" into table **Data_5017D_Load**.
6. Use SQL Server Import Export Wizard to load the file "UCF data OHI DataFinal EH edits 12.18.15.xlsx" sheet "0.25_Counts" into table **Data_5017E_Load**.
7. Use SQL Server Import Export Wizard to load the file "UCF data OHI DataFinal EH edits 12.18.15.xlsx" sheet "0.25_LiveOysterLengths" into table **Data_5017F_Load**.
8. Update [Order] column in DATA_5017E_Load table with the [Order] column in Data_5017B_Load table on [Reef ID], [Collection Name] columns.
9. Add columns [Egg Casing Count, Egg Casings Type, Live Oysters/m2] in Data_5017B_Load table.
10. Add columns [Date, Oysters in Basket/m2] in Data_5017E_Loadtable.
11. Update [Date] column in DATA_5017E_Load table with the [Date] column in Data_5017B_Load table on [Reef ID], [Collection Name] columns.

12. Rename [Y, X] columns to [Lat, Long] in Locations_5017A Table.
13. Use SQL Server Import Export Wizard to load the file "UCF Oyster Condition 2016 Final.xlsx, UCF_Oyster Condition Assessment ML 2016.xlsx, UNF Oyster Condition Data 2016 Final.xlsx, OCA DATA UF SECTION D qcd.xls, OCA DATA UF SECTION E QCD.xls, OCA DATA UF SECTION F qcd.xls, OCA DATA UF SECTION G_qcd.xls" sheet "Reef_Master" column [Reef, X, Y] into table **Locations_5017A**.
14. Use SQL Server Import Export Wizard to load the file "UCF Oyster Condition 2016 Final.xlsx, UCF_Oyster Condition Assessment ML 2016.xlsx, UNF Oyster Condition Data 2016 Final.xlsx, OCA DATA UF SECTION D qcd.xls, OCA DATA UF SECTION E QCD.xls, OCA DATA UF SECTION F qcd.xls, OCA DATA UF SECTION G_qcd.xls" sheet "Reef_Summary" into table **Data_5017A_Load**.
15. Use SQL Server Import Export Wizard to load the "UCF Oyster Condition 2016 Final.xlsx, UCF_Oyster Condition Assessment ML 2016.xlsx, UNF Oyster Condition Data 2016 Final.xlsx, OCA DATA UF SECTION D qcd.xls, OCA DATA UF SECTION E QCD.xls, OCA DATA UF SECTION F qcd.xls, OCA DATA UF SECTION G_qcd.xls" sheet "1_Counts" into table **Data_5017B_Load**.
16. Use SQL Server Import Export Wizard to load the file "UCF Oyster Condition 2016 Final.xlsx, UCF_Oyster Condition Assessment ML 2016.xlsx, UNF Oyster Condition Data 2016 Final.xlsx, OCA DATA UF SECTION D qcd.xls, OCA DATA UF SECTION E QCD.xls, OCA DATA UF SECTION F qcd.xls, OCA DATA UF SECTION G_qcd.xls" sheet "Reef Thickness" into table **Data_5017D_Load**.
17. Use SQL Server Import Export Wizard to load the file "UCF Oyster Condition 2016 Final.xlsx, UCF_Oyster Condition Assessment ML 2016.xlsx, UNF Oyster Condition Data 2016 Final.xlsx, OCA DATA UF SECTION D qcd.xls, OCA DATA UF SECTION E QCD.xls, OCA DATA UF SECTION F qcd.xls, OCA DATA UF SECTION G_qcd.xls" sheet "0.25_Counts" into table **Data_5017E_Load**.
18. Use SQL Server Import Export Wizard to load the file "UCF Oyster Condition 2016 Final.xlsx, UCF_Oyster Condition Assessment ML 2016.xlsx, UNF Oyster Condition Data 2016 Final.xlsx, OCA DATA UF SECTION D qcd.xls, OCA DATA UF SECTION E QCD.xls, OCA DATA UF SECTION F qcd.xls, OCA DATA UF SECTION G_qcd.xls" sheet "0.25_LiveOysterLengths" into table **Data_5017F_Load**.
19. Update density columns [Live Oysters/m2] as [Live Oysters]/1 and [Oysters in Basket/m2] as [Oysters in Basket]/0.25 in Data_5017B_Load Table and Data_5017E_Load Table respectively.
20. Update Reef Slope column to have uniform type [Reef slope height/distance] as a.[Reef Height (cm)]/a.[Height Distance (cm)] in Data_5017A_Load Table
21. Update all positive long values in longitude column to negative in Locations_5017A Table.
22. Execute procedure usp_Data_5017*_Load_insert to load the data into table **Data_5017*_Final**.
23. **Update ReefID** ['ML5', 'ML9'] to ['ML36', 'ML37'] in all the final tables.
24. Add the Monitoring Locations from tables **Locations_5017A** to the **SampleLocation_Point** table.
25. Add new Monitoring Locations into the **SampleLocation** table. This will generate a LocationID for each Monitoring Location.
26. Update the **SampleLocation_Point** and **SampleLocation_Line** table with the LocationID generated in the **SampleLocation** table. Run procedure usp_SampleLocation_Point_update to do this.
27. Update the LocationID column in table **Data_5017*_Final** with the LocationID in the **SampleLocation** table. Join on the [Reef ID] column in **Data_5017*_Final** and the ProgramLocationID column in **SampleLocation**.

Data Tables

1. Data_5017*_Load
2. Data_5017*_Final

Data Stored Procedures

1. usp_Data_5017*_Load_insert
2. usp_SampleLocation_Point_update

GIS Procedures

1. The Monitoring Location information is found in the tables **Locations_5017A**.
2. Complete steps 8 through 11 in the "Procedure Overview" section of this document.

```

SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC [dbo].[usp_combined_oyster_insert_5017A]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;

-- Constants - PLEASE SET NOW!!
DECLARE @dataLoadCode varchar(10) = '5017A';
DECLARE @combinedTable varchar(50) = 'Combined_OYSTER'

DECLARE @parameterID int = 51

-- Setup data load
DECLARE @runBy varchar(50) = SYSTEM_USER;
DECLARE @programID int, @dataStreamID int;

SELECT @dataStreamID = DataStreamID,
@programID = ProgramID
FROM DataStreamProcedure
WHERE DataLoadCode = @dataLoadCode;
ÿ
-- Insert data
INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, ReefIdentifier, LiveDate, LiveDate_Qualifier,
LiveDate_MinEstDate, LiveDate_MaxEstDate)
SELECT @programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Reef Height (cm)]*10, GETDATE(), NULL, a.[Reef
ID], a.Date, 'Exact', 'NA', 'NA'
FROM Data_5017A_Final a
WHERE a.[Reef Height (cm)] IS NOT NULL
AND a.LocationID IS NOT NULL
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy

/*
SELECT *
FROM Combined_OYSTER

SELECT Distinct ProgramID, b.IndicatorName, c.ParameterName, a.NumRowsCombined
FROM Combined_Data_Tracking a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
INNER JOIN Combined_Parameters c on a.ParameterID = c.ParameterID
WHERE b.Habitat = 'Oyster/Oyster Reef'

SELECT *
FROM Data_5017A_Final

SELECT *
FROM Combined_Parameters a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
where b.Habitat = 'oyster/oyster reef'

SELECT *
FROM DataStreamProcedure
WHERE ProgramID = 5017

exec usp_delete_combined 1282, 'Combined_OYSTER'
*/
END

```

GO

```

SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC [dbo].[usp_combined_oyster_insert_5017B]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;

-- Constants - PLEASE SET NOW!!
DECLARE @dataLoadCode varchar(10) = '5017B';
DECLARE @combinedTable varchar(50) = 'Combined_OYSTER'

DECLARE @parameterID int

-- Setup data load
DECLARE @runBy varchar(50) = SYSTEM_USER;
DECLARE @programID int, @dataStreamID int;

SELECT @dataStreamID = DataStreamID,
@programID = ProgramID
FROM DataStreamProcedure
WHERE DataLoadCode = @dataLoadCode;
ÿ
-- Insert data
/*
SET @parameterID = 26

INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadIdentifier)
SELECT @programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Live Oysters/m2], GETDATE(), NULL, [Collection
Name]
FROM Data_5017B_Final a
WHERE a.[Live Oysters/m2] IS NOT NULL
AND a.LocationID IS NOT NULL
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
*/
--SET @parameterID = 38
--
---- Insert data
--INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadIdentifier, ReefIdentifier, LiveDate,
LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
--SELECT @programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, [Live Oysters]+a.[Oyster Shell], GETDATE(), NULL,
[Collection Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
--FROM Data_5017B_Final a
--WHERE a.[Live Oysters] IS NOT NULL
--AND a.LocationID IS NOT NULL
--
--exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
--
--SET @parameterID = 39
--
---- Insert data
--INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadIdentifier, ReefIdentifier, LiveDate,

```

```

LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
--SELECT@programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Live Oysters], GETDATE(), NULL, [Collection
Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
--FROMData_5017B_Final a
--WHEREa.[Live Oysters] IS NOT NULL
--ANDa.LocationID IS NOT NULL
--
--exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
--
--SET @parameterID = 40
--
---- Insert data
--INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadIdentifier, ReefIdentifier, LiveDate,
LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
--SELECT@programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Oyster Shell], GETDATE(), NULL, [Collection
Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
--FROMData_5017B_Final a
--WHEREa.[Oyster Shell] IS NOT NULL
--ANDa.LocationID IS NOT NULL
--
--exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
--
SET @parameterID = 27

-- Insert data
INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadIdentifier, ReefIdentifier, LiveDate,
LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
SELECT@programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 1, a.[Live Oysters], GETDATE(), NULL, [Collection
Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
FROMData_5017B_Final a
WHEREa.[Live Oysters] IS NOT NULL
ANDa.LocationID IS NOT NULL
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
ÿ
/*
SELECT *
FROM Combined_OYSTER

SELECT Distinct ProgramID, DatastreamID, b.IndicatorName, c.ParameterName, a.NumRowsCombined
FROM Combined_Data_Tracking a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
INNER JOIN Combined_Parameters c on a.ParameterID = c.ParameterID
WHERE b.Habitat = 'Oyster/Oyster Reef'

SELECT *
FROM Data_5017B_Final

SELECT *
FROM Combined_Parameters a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
where b.Habitat = 'oyster/oyster reef'

```



```
SELECT *  
FROM DataStreamProcedure  
WHERE ProgramID = 5017
```

```
exec usp_delete_combined 1283, 'Combined_OYSTER'  
*/
```

```
END
```

```
GO
```

```

SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC [dbo].[usp_combined_oyster_insert_5017D]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;

-- Constants - PLEASE SET NOW!!
DECLARE @dataLoadCode varchar(10) = '5017D';
DECLARE @combinedTable varchar(50) = 'Combined_OYSTER'

DECLARE @parameterID int = 51

-- Setup data load
DECLARE @runBy varchar(50) = SYSTEM_USER;
DECLARE @programID int, @dataStreamID int;

SELECT @dataStreamID = DataStreamID,
@programID = ProgramID
FROM DataStreamProcedure
WHERE DataLoadCode = @dataLoadCode;
ÿ
-- Insert data
INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadrantIdentifier, ReefIdentifier, LiveDate,
LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
SELECT @programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Highest Point]*10, GETDATE(), NULL, [Collection
Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
FROM Data_5017D_Final a
WHERE a.[Highest Point] IS NOT NULL
AND a.LocationID IS NOT NULL
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
ÿ
/*
SELECT *
FROM Combined_OYSTER

SELECT Distinct ProgramID, b.IndicatorName, c.ParameterName, a.NumRowsCombined
FROM Combined_Data_Tracking a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
INNER JOIN Combined_Parameters c on a.ParameterID = c.ParameterID
WHERE b.Habitat = 'Oyster/Oyster Reef'

SELECT *
FROM Data_5017D_Final

SELECT *
FROM Combined_Parameters a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
where b.Habitat = 'oyster/oyster reef'

SELECT *
FROM DataStreamProcedure
WHERE ProgramID = 5017

exec usp_delete_combined 1285, 'Combined_OYSTER'
*/
END

```

GO

```

SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC [dbo].[usp_combined_oyster_insert_5017E]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;

-- Constants - PLEASE SET NOW!!
DECLARE @dataLoadCode varchar(10) = '5017E';
DECLARE @combinedTable varchar(50) = 'Combined_OYSTER'

DECLARE @parameterID int = 39

-- Setup data load
DECLARE @runBy varchar(50) = SYSTEM_USER;
DECLARE @programID int, @dataStreamID int;

SELECT @dataStreamID = DataStreamID,
@programID = ProgramID
FROM DataStreamProcedure
WHERE DataLoadCode = @dataLoadCode;
ÿ
-- Insert data
INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadrantIdentifier, ReefIdentifier, LiveDate,
LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
SELECT @programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Oysters in Basket], GETDATE(), NULL, [Collection
Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
FROM Data_5017E_Final a
WHERE a.[Oysters in Basket] IS NOT NULL
AND a.LocationID IS NOT NULL
AND a.Date IS NOT NULL
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
ÿ
SET @parameterID = 26

-- Insert data
INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadrantIdentifier, ReefIdentifier, LiveDate,
LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
SELECT @programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Oysters in Basket]/0.0625, GETDATE(), NULL,
[Collection Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
FROM Data_5017E_Final a
WHERE a.[Oysters in Basket/m2] IS NOT NULL
AND a.LocationID IS NOT NULL
AND a.Date IS NOT NULL
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
ÿ
/*
SELECT *
FROM Combined_OYSTER

SELECT Distinct ProgramID, b.IndicatorName, c.ParameterName, a.NumRowsCombined
FROM Combined_Data_Tracking a

```

```
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
INNER JOIN Combined_Parameters c on a.ParameterID= c.ParameterID
WHERE b.Habitat = 'Oyster/Oyster Reef'
```

```
SELECT *
FROM Data_5017E_Final
```

```
SELECT *
FROM Combined_Parameters a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
where b.Habitat = 'oyster/oyster reef'
```

```
SELECT *
FROM DataStreamProcedure
WHERE ProgramID = 5017
```

```
exec usp_delete_combined 1286, 'Combined_OYSTER'
*/
```

```
END
```

```
GO
```

```

SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC [dbo].[usp_combined_oyster_insert_5017F]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;

-- Delete Existing Data
exec usp_delete_combined 1287, 'Combined_OYSTER'

-- Constants - PLEASE SET NOW!!
DECLARE @dataLoadCode varchar(10) = '5017F';
DECLARE @combinedTable varchar(50) = 'Combined_OYSTER'

DECLARE @parameterID int = 28

-- Setup data load
DECLARE @runBy varchar(50) = SYSTEM_USER;
DECLARE @programID int, @dataStreamID int;

SELECT @dataStreamID = DataStreamID,
@programID = ProgramID
FROM DataStreamProcedure
WHERE DataLoadCode = @dataLoadCode;
ÿ
-- Insert data
INSERT INTO Combined_OYSTER (ProgramID, DataStreamID, ParameterID, LocationID, SampleDate,
SurveyMethod, PercentLiveMethod, HabitatClassification, MinimumSizeMeasured_mm, NumberMeasured_n,
QuadSize_m2, ResultValue, DateAdded, QAQCFlag, QuadIdentifier, ReefIdentifier, LiveDate,
LiveDate_Qualifier, LiveDate_MinEstDate, LiveDate_MaxEstDate)
SELECT @programID, @dataStreamID, @parameterID, a.LocationID, a.Date, 'Transect Quadrat',
'Point-intercept', 'Natural', NULL, 50, 0.0625, a.[Oyster Length (mm)], GETDATE(), NULL, [Collecti
Name], a.[Reef ID], a.Date, 'Exact', 'NA', 'NA'
FROM Data_5017F_Final
WHERE a.[Oyster Length (mm)] IS NOT NULL
AND a.LocationID IS NOT NULL
AND a.Date IS NOT NULL
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy
ÿ
/*
SELECT *
FROM Combined_OYSTER

SELECT Distinct ProgramID, b.IndicatorName, c.ParameterName, a.NumRowsCombined
FROM Combined_Data_Tracking a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
INNER JOIN Combined_Parameters c on a.ParameterID = c.ParameterID
WHERE b.Habitat = 'Oyster/Oyster Reef'

SELECT *
FROM Data_5017F_Final

SELECT *
FROM Combined_Parameters a
INNER JOIN Indicator b on a.IndicatorID = b.IndicatorID
where b.Habitat = 'oyster/oyster reef'

SELECT *
FROM DataStreamProcedure
WHERE ProgramID = 5017

```

```
exec usp_delete_combined 1287, 'Combined_OYSTER'
```

```
*/
```

```
END
```

```
GO
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC usp_Data_5017A_Load_insert
AS
BEGIN
SET NOCOUNT ON
SET XACT_ABORT ON

INSERT INTO DATA_5017A_Final ([Order], [Date], Time_Start, Crew, County, [Reef ID], [Nearest
City], [Waterbody/ Region], [Description of Area]
, [Type of Reef], [Length of Transect (m)], [Height- stadia (cm)], [Height- tripod (cm)], [Height
Distance (cm)],
[Random Transect Location (m)], [Reef Height (cm)], [Reef slope height/distance], [Collected
(Y/N)], [Collection Name],
[Height string (cm)], Time_End)
SELECT [Order], [Date], Time_Start, Crew, County, [Reef ID], [Nearest City], [Waterbody/
Region], [Description of Area]
, [Type of Reef], [Length of Transect (m)], [Height- stadia (cm)], [Height- tripod (cm)], [Height
Distance (cm)],
[Random Transect Location (m)], [Reef Height (cm)], [Reef slope height/distance], [Collected
(Y/N)], [Collection Name],
[Height string (cm)], Time_End FROM DATA_5017A_Load
END
GO
```



```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC usp_Data_5017B_Load_insert
AS
BEGIN
SET NOCOUNT ON
SET XACT_ABORT ON

INSERT INTO DATA_5017B_Final ([Order], [Reef ID], Strati fi cation, Date, Regi on, [Col l ecti on Name], [Li ve
Oysters], [Oyster Shell ], Benthos, Other
, [Other (descript#)], [Oyster Clusters], [Egg Cases (notes)], [Red Mangroves], Total , Notes, [Egg Casing
Count],
[Egg Casings Type], [Live Oysters/m2])
SELECT [Order], [Reef ID], Strati fi cation, Date, Regi on, [Col l ecti on Name], [Li ve Oysters], [Oyster
Shell ], Benthos, Other
, [Other (descript#)], [Oyster Clusters], [Egg Cases (notes)], [Red Mangroves], Total , Notes, [Egg Casing
Count],
[Egg Casings Type], [Live Oysters/m2] FROM DATA_5017B_Load
END
GO
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC usp_Data_5017C_Load_insert
AS
BEGIN
SET NOCOUNT ON
SET XACT_ABORT ON

INSERT INTO DATA_5017C_Final ([Reef ID], [Date], [Region], [Unique Quadrat ID], [Organism], [Shell Length (mm)], [Content])
SELECT [Reef ID], [Date], [Region], [Unique Quadrat ID], [Organism], [Shell Length (mm)], [Content] FROM
DATA_5017C_Load
END
GO
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC usp_Data_5017D_Load_insert
AS
BEGIN
SET NOCOUNT ON
SET XACT_ABORT ON

INSERT INTO DATA_5017D_Final ([Order], [Reef ID], [Date], Region, [Collection Name], [Highest Point], [Random 1], [Random 2], [Random 3], [Random 4], [Random 5], [Avg])
SELECT [Order], [Reef ID], [Date], Region, [Collection Name], [Highest Point], [Random 1], [Random 2], [Random 3], [Random 4], [Random 5], [Avg] FROM DATA_5017D_Load
END
GO
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC usp_Data_5017E_Load_insert
AS
BEGIN
SET NOCOUNT ON
SET XACT_ABORT ON

INSERT INTO DATA_5017E_Final ([Order], [Reef ID], [Collection Name], [Oysters in Basket], [White/
Striped Barnacles], [Pink Barnacles], [Black, Ribbed Mussels],
[Green Mussels], [Black, Smooth Mussels], [Porcelain Crabs], [Oyster Drills], [Solitary
Ascidian], [Clonal Ascidi ans],
[Zoobotryn], [Other], [Date], [Oysters in Basket/m2], [Region])
SELECT [Order], [Reef ID], [Collection Name], [Oysters in Basket], [White/ Striped Barnacles], [Pink
Barnacles], [Black, Ribbed Mussels],
[Green Mussels], [Black, Smooth Mussels], [Porcelain Crabs], [Oyster Drills], [Solitary
Ascidian], [Clonal Ascidi ans],
[Zoobotryn], [Other], [Date], [Oysters in Basket/m2], [Region] FROM DATA_5017E_Load
END
GO
```

```
SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC usp_Data_5017F_Load_insert
AS
BEGIN
SET NOCOUNT ON
SET XACT_ABORT ON

INSERT INTO DATA_5017F_Final ([Order], [Reef ID], [Date], [Region], [Collection Name], [Oyster Length (mm)])
SELECT [Order], [Reef ID], [Date], [Region], [Collection Name], [Oyster Length (mm)] FROM
DATA_5017F_Load
END

GO
```