

# Atlantic Coastal Cooperative Statistics Program SAFIS Data Upload Module



**Second Annual Fisheries Information Systems  
Meeting  
August 17, 2004**

# Design Objectives

1. Use data exports from existing systems, i.e. accounting systems, spreadsheets, DBs, etc.
2. Retain original dealer codes, but create conversions to SAFIS codes
3. Update or replace data as required to complete the reporting process
4. Minimize duplicate data reporting
5. Support State and/or Federal reporting requirements

# Minimum Data Requirements

1. Data is tab or comma delimited
2. Required data elements are present
3. Data element content is correct for the data type
4. Maximum column width is not exceeded

# Development Software

1. Oracle RDBS
2. PERL and DBI
3. CGI – Common Gateway Interface to an Apache web server
4. JAVA Script
5. Red Hat Linux platform

# Dealer Data Upload Main Menu

Dealer: JOHN DOE FISH CO



## Welcome to the Dealer Data Upload Site

### Main Menu

[Upload Data](#)

[Create or Change Data Definition File \(including defaults\)](#)

[Create or Change Data Conversion Tables \(species, vessel, etc.\)](#)



# Data Definition

Dealer: JOHN DOE FISH CO



## Dealer Data Definition Table



Enter Value to Indicate the Order of the Column in the Data File.  
 Enter Default Data Values if they Exist.  
 Asterisk(\*) indicates a conversion table is required if this field is used.

**NOTE:** Use the TAB key or Mouse to navigate the form Use the SURMIT button or the ENTER key to save the definitions

File Delimiter Type:

FIELD NAME	ORDER	DEFAULT VALUE	FIELD NAME	ORDER
Ticket Number	<input type="text" value="1"/>		Seq Number	<input type="text" value="0"/>
Date Landed	<input type="text" value="7"/>		Time Landed	<input type="text" value="0"/>
*Port Landed	<input type="text" value="0"/>	<input type="text" value="242203"/> <input type="text"/>	SAFIS State Code	<input type="text" value="0"/>
VTR Serial Number	<input type="text" value="0"/>		SAFIS Place Code	<input type="text" value="0"/>
			SAFIS County Code	<input type="text" value="0"/>
*Dealer Vessel Code	<input type="text" value="4"/>		Vessel Registration	<input type="text" value="0"/>
*Dealer Gear Code	<input type="text" value="0"/>		SAFIS Gear Code	<input type="text" value="0"/>
*Dealer Species Code	<input type="text" value="9"/>		SAFIS Species Code	<input type="text" value="0"/>
Species Disposition	<input type="text" value="0"/>	<input type="text" value="001-Food"/> <input type="text"/>	SAFIS Grade Code	<input type="text" value="0"/>
*Dealer Fisherman Code	<input type="text" value="13"/>		SAFIS Market Code	<input type="text" value="0"/>
Quantity	<input type="text" value="11"/>		Unit of Measure	<input type="text" value="0"/>
Price	<input type="text" value="12"/>		Dollars	<input type="text" value="0"/>
*Dealer Area Code	<input type="text" value="14"/>		SAFIS Area Fished	<input type="text" value="0"/>
			SAFIS Sub area	<input type="text" value="0"/>

SUBMIT

EXIT

# Choices For Upload File Type

Dealer: JOHN DOE FISH CO



## Dealer File Upload

Please enter the **Report Start Date**, **Report End Date**,  
choose **New**, **Replacement** or **Update** file type and browse your computer for the file.  
Then click the 'UPLOAD' button.

Dealer Number: 00001

Report Start Date(MM/DD/YYYY, 05/01/2004):

Report End Date(MM/DD/YYYY,05/01/2004):

Choose the file type:

- New (use to send new data or append data)
- Replacement (use to replace entire file already sent up **today**)
- Update (updates or replacements for data sent in **before today**)

Filename:

# Sample Dealer Data Display

Dealer: JOHN DOE FISH CO



## Dealer Raw Data

Ticket Number	*Dealer Vessel Code	Date Landed	*Dealer Species Code	Quantity	Price	*Dealer Fisherman Code	*Dealer Area Code
1	JANEDOE	20030626	Ling - #1 60#	7	0.25	Doe, John	12
1	JANEDOE	20030626	SCUP - SM 60#	13	0.25	Doe, John	12
1	JANEDOE	20030626	Scup - MED 60#	12	0.75	Doe, John	12
1	JANEDOE	20030626	Scup - LGE 60#	8	0.9	Doe, John	12
1	JANEDOE	20030626	Seabass - SM 60#	3	1.05	Doe, John	12
2	JACKIEDOE	20030626	Angler - SM 60#	5	1.4	Doe, James	23
2	JACKIEDOE	20030626	Shad 60#	65	0.02	Doe, James	23
2	JACKIEDOE	20030626	Squid Loligo - REG 60#	14	1.5	Doe, James	23
2	JACKIEDOE	20030626	Squid Loligo - LGE 60#	2	1.9	Doe, James	23
2	JACKIEDOE	20030626	Scup - MED 60#	5	0.75	Doe, James	23

CONFIRM this DATA

POPULATE Conversion Tables

EXIT Without Saving this File

# Conversion Choices

Dealer: JOHN DOE FISH CO



## SAFIS Conversion Table (Upload/Download)

Dealer Number: 00001

Participant ID: 101397

State:

### Database Tables

(Do not Enter a Filename)

- Build (new entries)
- Edit (old entries)
- Table Listing (Participant ID)
- Table Listing (by state selected)

### PC Conversion Files (.xls)

Download (Database to PC file)  
(Do not Enter a Filename)

Upload (PC to database)

### Select Conversion Table

Filename:

# Upload Conversion Table

Dealer: JOHN DOE FISH CO



This is a View of the Dealer File (johndoe\_species\_good.xls). Please Enter The Options below for conversion

	A	B	C	D	E	F	G
1	Product Code	Product description	NMFS Code	ITIS Code	Market	Grade	Unit
2	40101010	Angler (Monk) Whole 4-7# 1b	0128	164499	UN	23	LB
3	4010101D	Angler (Monk) Whole 4-7# 100#	0128	164499	UN	23	LB
4	40101020	Angler (Monk) Whole 7#+ 1b	0128	164499	UN	23	LB
5	4010102D	Angler (Monk) Whole 7#+ 100#	0128	164499	UN	23	LB
6	4010106F	Angler (Monk) 70# BX@S	0128	164499	UN	23	LB
7	40101110	Angler - SM 1b.	0122	164499	SQ	09	LB
8	4010111C	Angler - SM 60#	0122	164499	SQ	09	LB
9	40101120	Angler - LGE 1b.	0121	164499	LG	09	LB
10	4010112C	Angler - LGE 60#	0121	164499	LG	09	LB
11	40101800	Monk Livers 1b	0123	164499	UN	13	LB

Please Enter All Fields

Please Enter the Column Letter for All Fields

Dealer Code:

Itis Code:

Grade Code:

Market Code:

Unit Code:

Enter Row Number to start:

# Completed Conversion Table

Dealer: JOHN DOE FISH CO



## Species Conversion Table (Build/Edit Database Table)

Participant_ID	Dealer Species	Combined Species Code
101397	ANGLER - SM 60#	ANGLERFISH - TAILS - SMALL - LB
101397	LING - #1 60#	HAKE,ATLANTIC,RED - ROUND - UNKNOWN - LB
101397	SCUP - LGE 60#	SCUP - ROUND - LARGE - LB
101397	SCUP - MED 60#	SCUP - ROUND - MEDIUM - LB
101397	SCUP - SM 60#	SCUP - ROUND - SMALL - LB
101397	SEABASS - MED 60#	SEA BASS, ATLANTIC - ROUND - MEDIUM - LB
101397	SEABASS - SM 60#	SEA BASS, ATLANTIC - ROUND - SMALL - LB
101397	SHAD 60#	SHAD, AMERICAN - ROUND - UNKNOWN - LB
101397	SQUID LOLIGO - LGE 60#	SQUID, LONG FINNED - ROUND - LARGE - LB
101397	SQUID LOLIGO - REG 60#	SQUID, LONG FINNED - ROUND - MEDIUM - LB

# Dealer's Converted Data

Dealer: JOHN DOE FISH CO



Data Ready for Upload

SAFIS Participant Id	Date Landed	SAFIS State Code	SAFIS Place Code	SAFIS County Code	Federal Vessel Permit	Vessel Registration	SAFIS Vessel Id	SAFIS Species Code	SAFIS Grade Code	SAFIS Market Code	Unit of Measure	Species Disposition	Quantity	Price	Dollars	VTR Serial Number	SAFIS Gear Code
101397	06/26/2003	25	22165	005	123456	MV123	17	164730	01	UN	LB	001	7	0.25	1.75		
101397	06/26/2003	25	22165	005	123456	MV123	17	169182	01	SQ	LB	001	13	0.25	3.25		
101397	06/26/2003	25	22165	005	123456	MV123	17	169182	01	MD	LB	001	12	0.75	9		
101397	06/26/2003	25	22165	005	123456	MV123	17	169182	01	LG	LB	001	8	0.9	7.2		
101397	06/26/2003	25	22165	005	123456	MV123	17	167687	01	SQ	LB	001	3	1.05	3.15		
101397	06/26/2003	25	22165	005	789101	MV456	18	164499	09	SQ	LB	001	5	1.4	7		
101397	06/26/2003	25	22165	005	789101	MV456	18	161702	01	UN	LB	001	65	0.02	1.3		
101397	06/26/2003	25	22165	005	789101	MV456	18	082372	01	MD	LB	001	14	1.5	21		
101397	06/26/2003	25	22165	005	789101	MV456	18	082372	01	LG	LB	001	2	1.9	3.8		
101397	06/26/2003	25	22165	005	789101	MV456	18	169182	01	MD	LB	001	5	0.75	3.75		

LOAD Data | EXIT Without Saving this File

# Associated ER Systems

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1. North Carolina Trip Ticket System has morphed to include other states and is commercially available.
2. Net Yield, an integrated dealer accounting system, has been expanded to export a delimited file.
3. SCUF (SAFIS Create Upload File), a pc-based system to create a delimited file.
4. CLAMS ER System

# Conclusions

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1. Coordination and cooperation among team members is key to the success of SAFIS
2. Dealers are very creative in finding software loopholes, therefore the system continues to evolve