

FINSS Tabular Reporting Quick Start Guide

[For more details, please reference the FINSS Public User's Manual](#)

1. Select Parameters

To generate tabular reports, first set up the Report Criteria by selecting parameters for:

- Survey Year
- Science Center
- Survey Name
- Funding Source
- Purpose

A sample setup (SEFSC 2007) is shown in **Figure 1**.

The screenshot displays the 'Parameters' section of the FINSS Tabular Reporting interface. It features five dropdown menus for selecting report criteria:

- Year(s):** A list with years from 2004 to 2010. '2007' is selected.
- Science Center(s):** A list of science centers including Alaska, Northeast, Northwest, Pacific Islands, Southeast, and Southwest Fisheries Science Centers. 'Southeast Fisheries Science Center' is selected.
- Survey Name(s):** A list of survey names including Atlantic Stripped Bass Tagging, Fish assemblages, GULFSPAN, Inshore Shark Longline, and Marine Mammals Survey. 'Atlantic Stripped Bass Tagging_Winter' is selected.
- Funding(s):** A list of funding sources including Base Fund, Congressional Earmarks, Contract Fund, and Fund from External Agencies. 'Base Fund' is selected.
- Purpose(s):** A list of purposes including Animal Movements, Camp Support, Climate Observation, and Coral Reef Benthic Assessment. 'Animal Movements' is selected.

At the bottom right, there is a 'Generate Report' button, which is highlighted with a red rectangle and a red arrow pointing to it.

Figure 1 - Setup for Survey Report

2. Table Report

To produce a table report, select the “Generate Report” button as shown in Figure1. This will create the sample report shown in Figure 2.
















Parameters						
Tabular Report						
Map Report						
Interactive Report						
Tabular Report						
Click For Detail	Instance	Science Center	Survey Name	Year	Purposes	Fundings
	185	SEFSC	Tortugas Ecological Reserve Survey_Summer	2007	Document Spawning Aggregations,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NOAA Coral Reef Conservation Program
	189	SEFSC	SEAMAP Reef Fish Survey	2007	EFH Assessment,Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund
	135	SEFSC	Panama City Laboratory trapVideo reef fish survey	2007	Habitat Assessment	NMFS program fund
	153	SEFSC	USVI Larval Fish Cruise Surveys_Spring	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	122	SEFSC	Mesoamerican coral reef project	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	147	SEFSC	NE Gulf of Mexico MPA Survey_Winter	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	132	SEFSC	Pulley Ridge HAPC Fish and Coral Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	196	SEFSC	U.S. South Atlantic MPA Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	188	SEFSC	Fish assemblages of western and southwestern Puerto Rico	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Reef Fish and Coral Monitoring,Research	NOAA Coral Reef Conservation Program
	137	SEFSC	Reef fish Visual Census (RVC) Survey_Florida Keys_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund
	164	SEFSC	Saint Andrew Bay Juvenile Reef Fish Survey	2007	Habitat Assessment,Research	NMFS program fund
	181	SEFSC	SEAMAP Plankton_late summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	190	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Fall	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	204	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	111	SEFSC	SEAMAP Plankton_Spring	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	NMFS cooperative research fund,NMFS program fund
row(s) 1 - 15 of 25 Next						

Figure 2 - Sample Table Report

To produce more information on a particular survey, click the icon in the left column next to the instance number. An example for Instance 204 is shown in Figure 3.














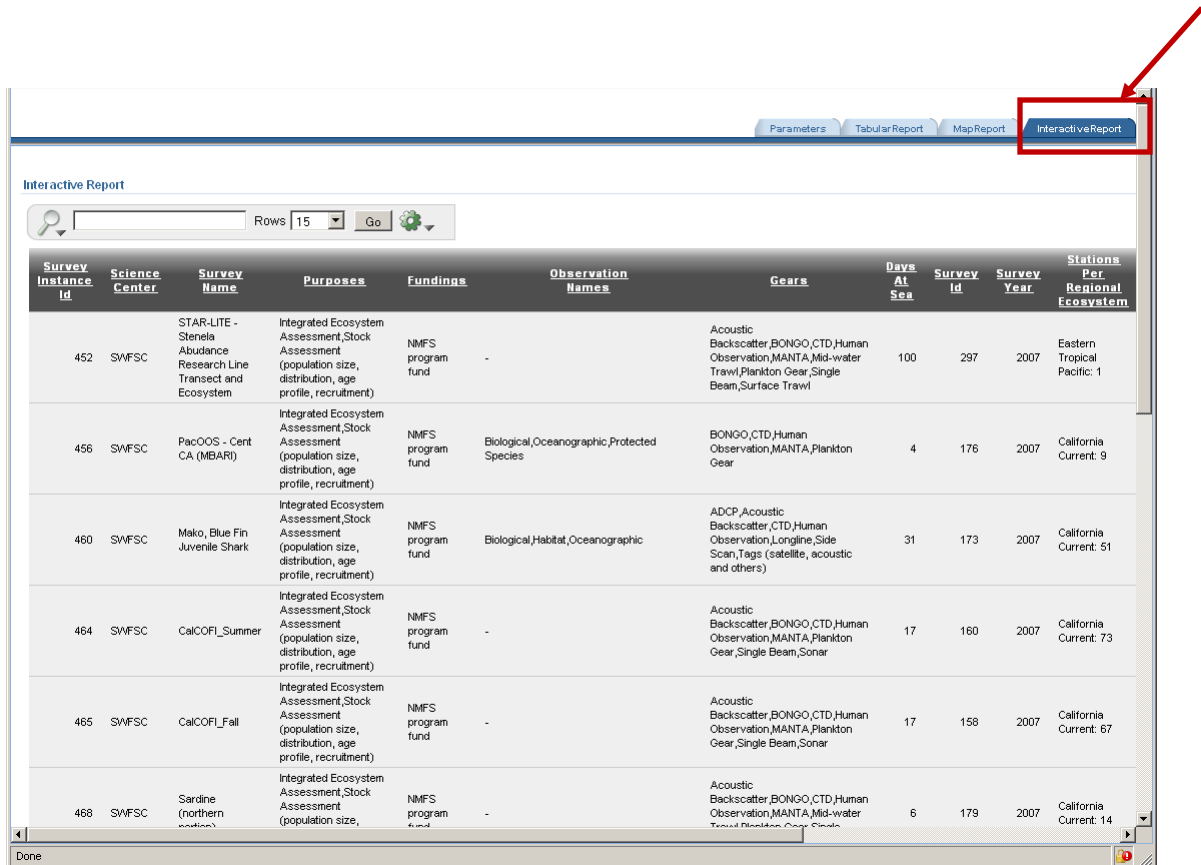
Survey Inventory Reports						
	135	SEFSC	Panama City Laboratory trap/video reef fish survey	2007	Habitat Assessment	NMFS program fund
	153	SEFSC	USVI Larval Fish Cruise Surveys_Spring	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	122	SEFSC	Mesoamerican coral reef project	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	147	SEFSC	NE Gulf of Mexico MPA Survey_Winter	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	132	SEFSC	Pulley Ridge HAPC Fish and Coral Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	196	SEFSC	U.S. South Atlantic MPA Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	188	SEFSC	Fish assemblages of western and southwestern Puerto Rico	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Reef Fish and Coral Monitoring,Research	NOAA Coral Reef Conservation Program
	137	SEFSC	Reef fish Visual Census (RVC) Survey_Florida Keys_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund
	164	SEFSC	Saint Andrew Bay Juvenile Reef Fish Survey	2007	Habitat Assessment,Research	NMFS program fund
	181	SEFSC	SEAMAP Plankton_late summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	190	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Fall	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	204	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	111	SEFSC	SEAMAP Plankton_Spring	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	NMFS cooperative research fund,NMFS program fund
row(s) 1 - 15 of 25 Next						
Survey Instance Detail						
Survey Instance Id	Species Category	Year	Science Center	Management Act	Gear	Observation Names
204	Invertebrate-Benthic,Fishes-Benthic Fish,Phytoplankton	2007	SEFSC	-	BONGO,Bottom Trawl,CTD,Grab Sampler,Human Observation,Plankton Gear	9 Biological,Habitat,Oceanographic,Protected Species
1 - 1						

Figure 3 - Survey Instance Detail

3. Interactive Report

Another type of tabular report that FINSS produces is the interactive report. Select the 'Interactive Report' tab to bring up this feature as shown in Figure 4.



Interactive Report

Rows: 15 Go

Survey Instance Id	Science Center	Survey Name	Purposes	Fundings	Observation Names	Gears	Days At Sea	Survey Id	Survey Year	Stations Per Regional Ecosystem
452	SWFSC	STAR-LITE - Stenela Abundance Research Line Transect and Ecosystem	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam, Surface Trawl	100	297	2007	Eastern Tropical Pacific: 1
456	SWFSC	PacOOS - Cent CA (MBARI)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Oceanographic, Protected Species	BONGO, CTD, Human Observation, MANTA, Plankton Gear	4	176	2007	California Current: 9
460	SWFSC	Mako, Blue Fin Juvenile Shark	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic	ADCP, Acoustic Backscatter, CTD, Human Observation, Longline, Side Scan, Tags (satellite, acoustic and others)	31	173	2007	California Current: 51
464	SWFSC	CalCOFI_Summer	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Plankton Gear, Single Beam, Sonar	17	160	2007	California Current: 73
465	SWFSC	CalCOFI_Fall	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Plankton Gear, Single Beam, Sonar	17	158	2007	California Current: 67
468	SWFSC	Sardine (northern)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam	6	179	2007	California Current: 14

Done

Figure 4 - Interactive Reports Screen

The Interactive Report feature allows the user to sort, filter, highlight, or download results. The number of rows can be changed to alter the number of records displayed at a given time. Also, there is an option to select columns for the report.

To display a menu of interactive options, select the icon (cogwheel with down-arrow) at the top of the screen. The resulting drop-down menu of user options is illustrated in Figure 5.

The screenshot displays the 'Interactive Report' interface. At the top, there are tabs for 'Parameters', 'Tabular Report', 'Map Report', and 'Interactive Report'. Below the tabs, there is a search bar with a magnifying glass icon, a 'Go' button, and a 'Rows' dropdown set to '15'. An 'Actions' button with a cogwheel icon is also present. The 'Actions' menu is open, showing options: 'Select Columns', 'Filter', 'Rows Per Page', 'Format', 'Flashback', 'Reset', 'Help', and 'Download'. The main data table has columns: 'Survey Instance Id', 'Science Center', 'Survey Name', 'Purposes', 'Observation Names', 'Gears', 'Days At Sea', 'Survey Id', and 'Survey Year'. The table contains six rows of data.

Survey Instance Id	Science Center	Survey Name	Purposes	Observation Names	Gears	Days At Sea	Survey Id	Survey Year
300	NEFSC	NMFS ACOUSTICS SURVEY_Fall	Develop and Test New Technology, Ecosystem Assessment, Population Assessment, Population Monitoring, Research, Assessment (population size, distribution, age, recruitment)	Habitat, Oceanographic	ADCP, Acoustic Backscatter, Acoustic Recorders, Binoculars, CTD, Digital Camera, EK-60 Echosounder, Human Observation, Hydroacoustics, Mid-water Trawl, Temperature Depth Recorders (TDRs), Video Arrays	40	79	2010
1000	SEFSC	Mangrove_studies	Habitat Assessment, Stock Assessment (population size, distribution, age, recruitment)	Habitat, Oceanographic	Human Observation	29	233	2010
1100	SEFSC	NE Gulf of Mexico MPA Survey_Winter	Habitat Assessment, Stock Assessment (protected diversity, abundance of marine life, protected structure, function)	Biological, Habitat, Oceanographic, Protected Species	CTD, ROV, Video Arrays	11	136	2010
102	SEFSC	Mangrove_studies	Habitat Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	Biological, Habitat, Oceanographic	Human Observation	30	233	2010
105	SEFSC	SEAMAP Reef Fish Survey	EFH Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	Biological, Habitat, Oceanographic, Protected Species	Fish Traps, Video Arrays	73	146	2010
108	SEFSC	Marine Mammals Survey_Summer	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	-	-	-	133	2010

Figure 5 - Interactive Reports Menu Options

As an illustration of one of the possible operations, a simple example is presented here showing the Filter option. In this case the list of survey instances is filtered for Survey Names containing 'rockfish'. The setup for this is illustrated in Figure 6. After the 'Apply' button is selected, the results shown in Figure 7 will be displayed.

Interactive Report

Rows: 15

Filter

Column: Survey Name Operator: contains Expression: rockfish

Cancel Apply

Survey Instance Id	Science Center	Survey Name	Purposes	Fundings	Observation Names	Gears	Days At Sea	Survey Id	Survey Year	Stations Per Regional Ecosystem
452	SWFSC	STAR-LITE - Stenela Abundance Research Line Transect and Ecosystem	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam, Surface Trawl	100	297	2007	Eastern Tropical Pacific: 1
460	SWFSC	Mako, Blue Fin Juvenile Shark	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic	ADCP, Acoustic Backscatter, CTD, Human Observation, Longline, Side Scan, Tags (satellite, acoustic and others)	31	173	2007	California Current: 51
468	SWFSC	Sardine (northern portion)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam, Sonar	6	179	2007	California Current: 14
481	SWFSC	EFH juvenile rockfish	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	-	-	166	2007	-

Figure 6 - Interactive Report Setup for Filter Operation

Parameters Tabular Report Map Report Interactive Report

Interactive Report

Rows 15 Go

☒ Survey Name contains 'rockfish' ☒

Survey Instance Id	Science Center	Survey Name	Purposes	Fundings	Observation Names	Gears	Days At Sea	Survey Id
508	SWFSC	Juvenile Rockfish	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic, Protected Species	Acoustic Backscatter, BONGO, CTD, Human Observation, Mid-water Trawl, Plankton Gear	43	168
481	SWFSC	EFH juvenile rockfish	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	-	-	166
495	SWFSC	COAST - Southern CA Bight Rockfish (ROV)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS cooperative research fund	Biological, Habitat, Oceanographic, Protected Species	Acoustic Backscatter, ROV, Single Beam	32	289
509	SWFSC	COAST - Southern CA Bight Rockfish (acoustics)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic	Acoustic Backscatter, CTD, Multibeam, Side Scan, Single Beam, Sonar	60	290

Done

Figure 7 - Interactive Report Sample Filter Results