



**15TH NATIONAL
CONVENTION
ON STATISTICS**

03-05 OCTOBER 2022

*Organized by the Philippine Statistical System
Spearheaded by the Philippine Statistics Authority*



Location-based Listing Operation as Applied in the 2021 Listing of Marine Fish Landing Centers in the Philippines

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Philippine Statistics Authority

Innovations in Collection, Dissemination and Preservation of Official Statistics
Crowne Plaza Manila Galleria
04 October 2022, 1:30 – 3:00 PM

Location-based Listing Operation as Applied in the 2021 LMFLC



|OBJECTIVES

Enhance the existing statistical sampling frame for the quarterly commercial and municipal fisheries surveys



Updating the information for all units and inclusion of new marine fish landing centers

The first implementation of integrating x and y coordinates to all existing marine fish landing centers in the country



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2021 LMFLC OPERATION PROCESS FLOW

01

Updating of
information of Listed
Landing Centers

02

Adding of New Landing
Centers

03

Geotagging of Landing
Centers using QField
Application

04

Conduct of Interview
using Computer
Assisted Personal
Interview (CAPI)
Application

05

Data Validation using
the Data Processing
System (DPS)

06

Generation of
geospatial and
statistical data

Location-based Listing Operation as Applied in the 2021 LMFLC



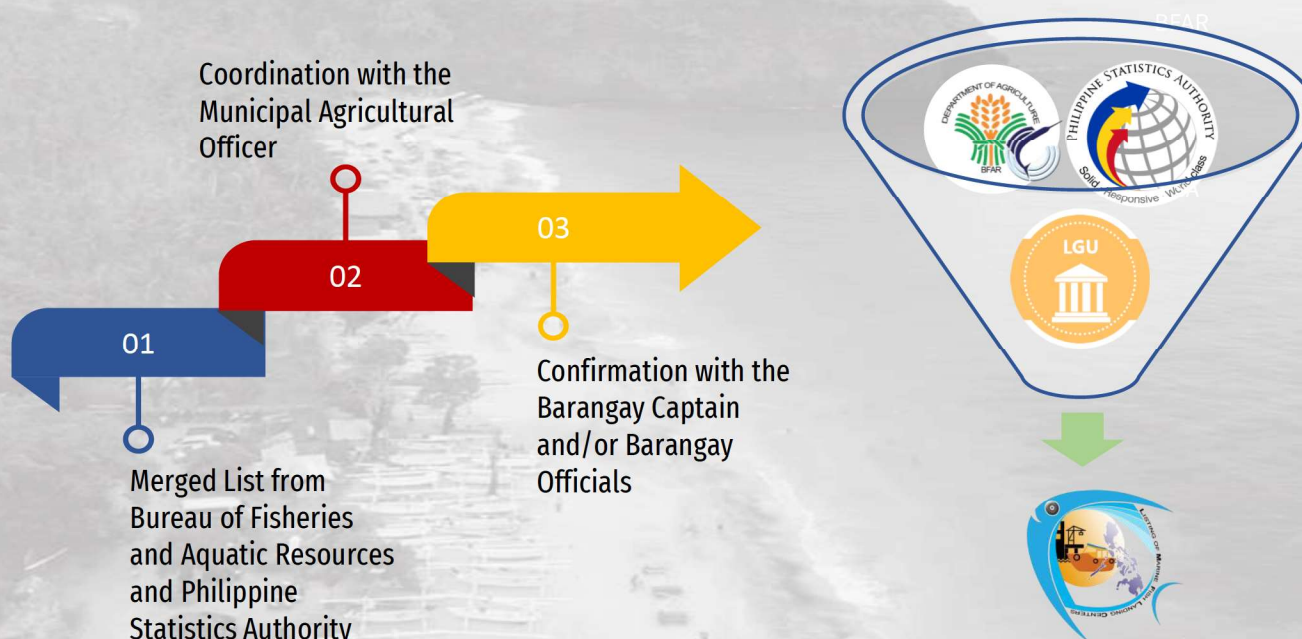
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How did we come up with the Masterlist?



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2021 LMFLC QUESTIONNAIRES

LMFLC Forms:

- 1A – Commercial Landing Centers
- 1B – Municipal Landing Centers
- 2A – New Commercial Landing Centers
- 2B – New Municipal Landing Centers
- 3 – Landing Center Characteristics

DATA ITEMS COLLECTED

1. Landing Center Category
2. Name and Address of the Landing Center
3. Type and Status of Landing Center
4. Average Daily Unloading for Peak and Lean Months
5. For temporarily closed:
 - a. date of last operation
 - b. expected date to operate
6. Peak unloading time
7. Peak and Lean Unloading Months
8. Number of boats usually unloading fish per day
9. Average volume of unloaded fish per day per boat in kilograms

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GEOTAGGING

DATA COLLECTION

Commercial + NEW LANDING CENTER

Geographic Identification

Region: 02 – Region 2 (Cagayan Valley)
Province: 15 – Cagayan

INITIAL STARTED UPLOADED

Landing Center Name
SAN VICENTE LANDING CENTER

Address:
City/Municipality: 22 – Santa Ana
Barangay: San Vicente
Sequence Number:
Category: 1 – COMMERCIAL
Status: 1 – EXISTING AND OPERATIONAL

X Coordinate: 122.14997137894842
Y Coordinate: 18.508854367841383

Interview Time:
AM 07:00:00 - 07:30:00
PM 03:30:00 - 11:30:00

MAIN FIELD
GET X AND Y COORDINATES

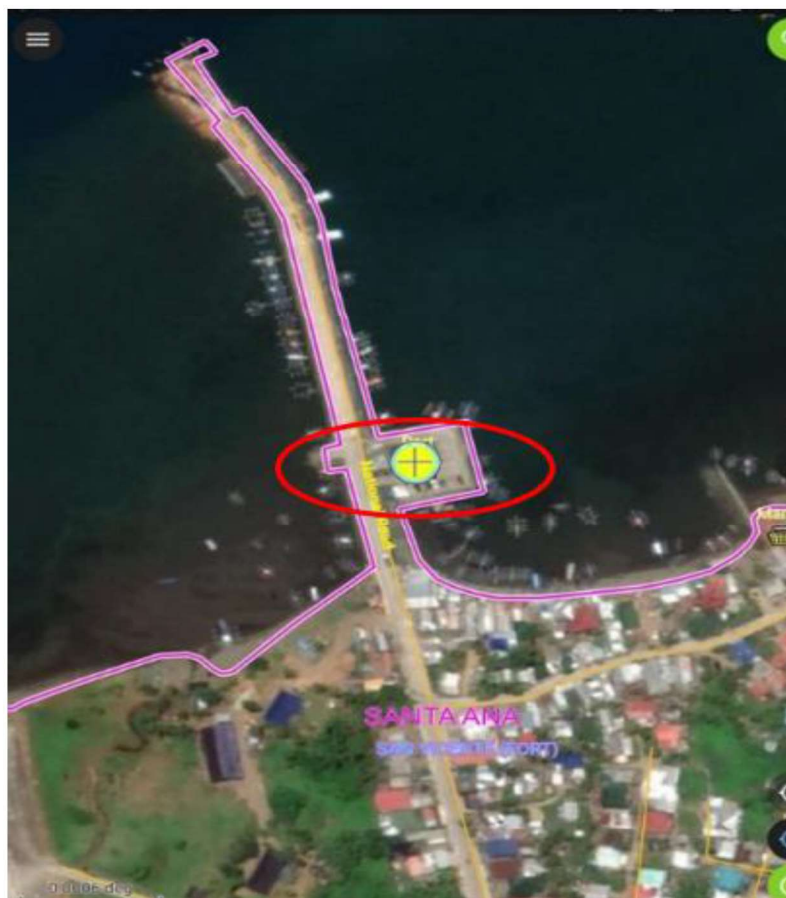
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Commercial + NEW LANDING CENTER

Geographic Identification

Region: 02 – Region 2 (Cagayan Valley)
Province: 15 – Cagayan

INITIAL STARTED UPLOADED

QFIELD APPLICATION

Landing Center Name: SAN VICENTE LANDING CENTER

Address:
City/Municipality: 23 – Santa Ana
Barangay: 012 – San Vicente
Sequence Number: 01
Category: 1 – COMMERCIAL
Status: 1 – EXISTING AND OPERATIONAL

X Coordinate: 122.14997137894642
Y Coordinate: 18.508854367841383

Interview Time:
AM 07:00:00 – 07:30:00
PM 03:30:00 – 11:30:00

OPEN QFIELD
GET X AND Y COORDINATES

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CAPI APPLICATION

Commercial

+ NEW LANDING CENTER

Geographic Identification

Region: 02 – Region 2 (Cagayan Valley)

Province: 15 – Cagayan

INITIAL

STARTED

UPLOADED

Landing Center Name

SAN VICENTE LANDING CENTER

Address:

City/Municipality: 23 – Santa Ana

Barangay: 012 – San Vicente

Sequence Number: 01

Category: 1 - COMMERCIAL

Status: 1 - EXISTING AND OPERATIONAL

X Coordinate: 122.14997137894642

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Interview Time:

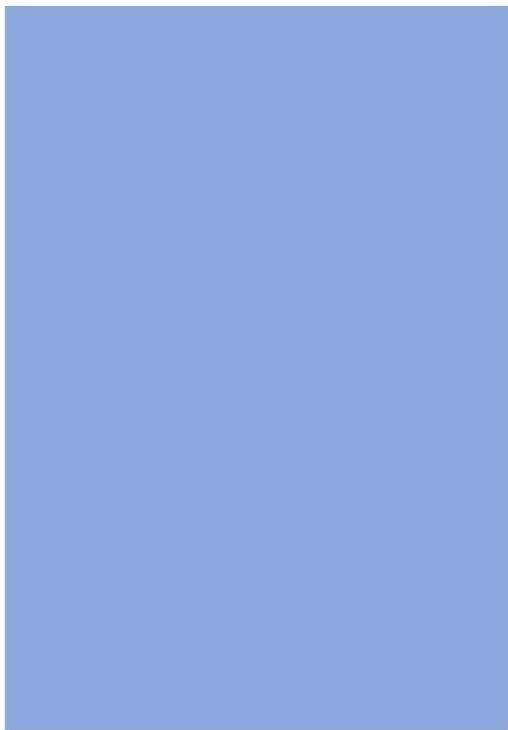
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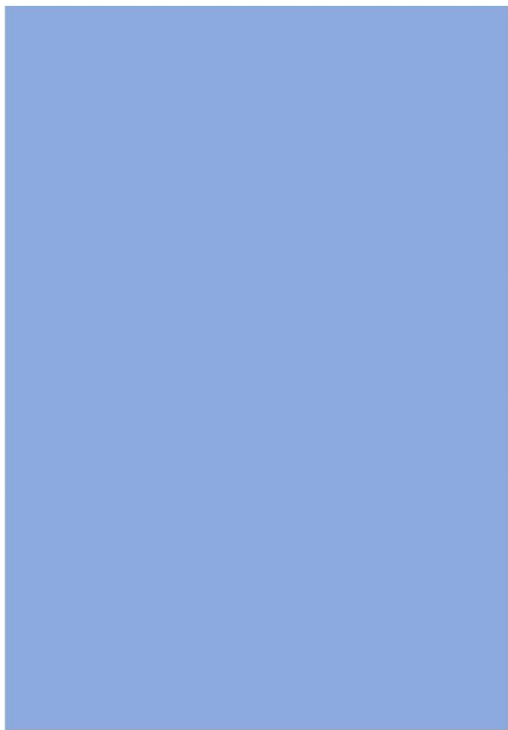
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2021 LMFLC RESULTS



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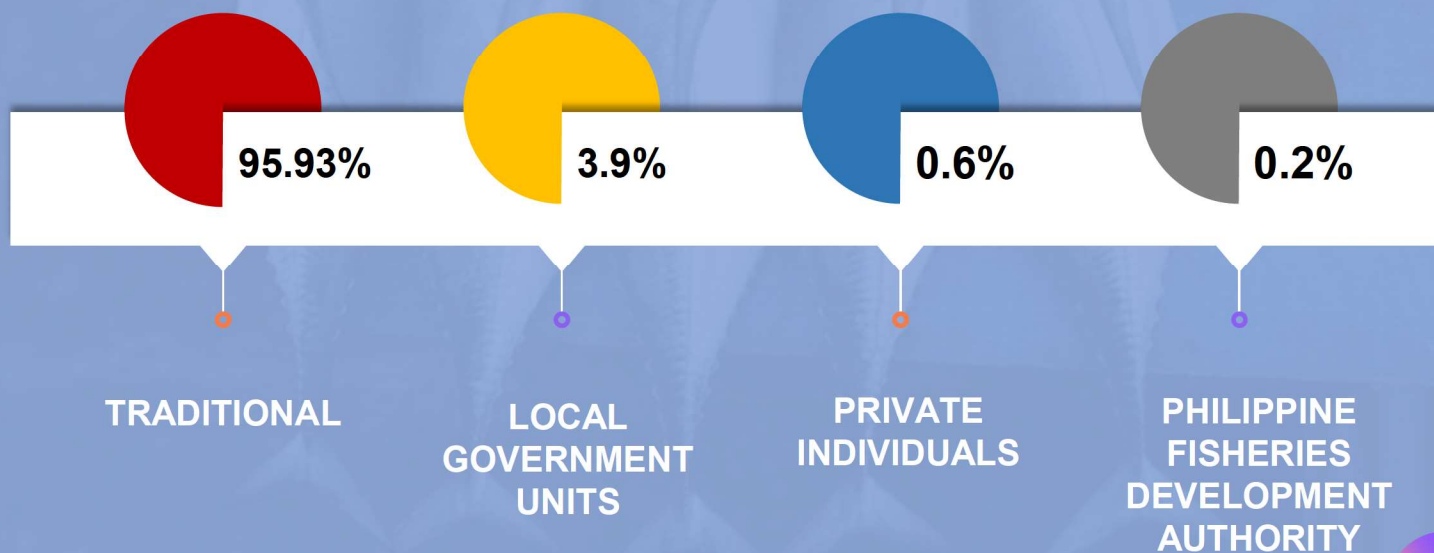
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Thank you!



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