



February 23, 2022

Fisheries Office Order No. 096
Series of 2022

SUBJECT : AUTHORIZING THE DEVELOPMENT OF MOBILE AND DESKTOP ELECTRONIC AND DIGITAL APPLICATIONS FOR FISHERIES LAW ENFORCEMENT, PATROL, INVESTIGATION, MONITORING, ELECTRONIC ADMINISTRATIVE CASE FILING, AND ADMINISTRATIVE ADJUDICATION FOR THE BUREAU OF FISHERIES AND AQUATIC RESOURCES (BFAR)

Pursuant to the provisions of Republic Act No. 8550, otherwise known as the Philippine Fisheries Code of 1998, as amended by Republic Act No. 10654, otherwise known as an "Act to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing", Executive Order No. 116, series of 1987, as amended, and Administrative Order No. 219, series of 1995, granting law enforcement mandates to the Bureau of Fisheries and Aquatic Resources (BFAR), and to improve the implementation of relevant Fisheries Administrative Orders (FAO) duly issued in pursuance of enforcement and regulatory powers of the Bureau, this Order authorizes the development of an electronic, digital, and internet-based system on fisheries law enforcement, patrolling, investigation, monitoring and regulatory inspections, electronic filing of administrative cases, and digital administrative adjudication process.

This system, which was discussed in partnership with the USAID SIBOL project in 2021, will have mobile phones and desktop capabilities and features. Tentatively called the **Fisheries Sharing Hub on Investigation, Enforcement, Litigation and Detection System (Fish SHIELDS)**, it will be created consisting of at least the following online and offline modules:

- A. Module 1: Accounts and Profile Management System
- B. Module 2: Operations Planning, Tracking, Mapping, and Reporting System for mobile phones and computers
 - i) Automatic transaction numbering.
 - ii) Interactive Map Overlay showing municipal waters, Fisheries Management Areas, important fishing grounds, delineated areas, and other important management zones.
 - iii) Interactive route planning, mapping (polygons, lines, and points), and plan sharing
 - iv) Track recording with offline map overlay and location capture.
 - v) Live tracking, monitoring, and patrol reporting with document upload and download.
 - vi) Patrol operations database and dashboard.
 - vii) Application Programming Interface (API) for other software and databases.
- C. Module 3: Detection, Investigation, Surveillance, and Case Development for mobile phones and computers
 - i) Online and offline report templates, legal forms, affidavits, and complaints with an automatic numbering system.
 - ii) Evidence Management

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iii) Status Dashboard

D. Module 4: Electronic Administrative Case Filing and Adjudication for mobile phones and computers

- i) Electronic Filing of Verified Administrative Complaint
- ii) Electronic Platform for Remote Notarization and Verification of Paper Documents Pursuant to 2020 Interim Rules on Remote Notarization of Paper Documents
- iii) Electronic issuance of summons and subpoena
- iv) Online and offline report templates, legal forms, orders, stenographic notes, proceedings and other documents with automatic numbering system
- v) Case Status Dashboard

E. Module 5: Environmental law enforcement management information system for mobile phones and computers

- i) Fisherfolk database
- ii) Vessel boat detection database
- iii) Remote sensing data
- iv) Detection data
- v) Case database

F. Module 6: Public Reporting and Information System for mobile phones and computers

- i) Online platform
- ii) Via SMS
- iii) Manual entries/input

Consistent with the Memorandum of Agreement (MOA) and existing institutional arrangement of the Department of Agriculture-Bureau of Fisheries and Aquatic Resources (BFAR) with USAID-funded project called Sustainable Interventions for Biodiversity, Oceans, and Landscapes (SIBOL), the latter is hereby authorized to provide the necessary assistance and to work closely with the Technical Working Group (TWG) and Secretariat which are heretofore created in connection thereto.

The Technical Working Group (TWG) shall be composed of the following:

Chairman	:	SAMMY A. MALVAS Assistant Director for Operations
Co-Chairman	:	ATTY. DEMOSTHENES R. ESCOTO Assistant Director for Administrative Services/ OIC, Legal Division
Members	:	ATTY. MICHAEL S. ANDAYOG , <i>FRLD</i> DR. JOSELITO R. SOMGA , <i>FIQD</i> SANDRA VICTORIA R. ARCAMO , <i>FRMD</i> MARIA ABEGAIL A. ALBALADEJO , <i>FPED</i> ATTY. ANALIZA A. VITUG , <i>Adjudication Committee</i> MARLO C. DEMO-OS , <i>VOC</i> REX IAN D. BERJA , <i>FIMS</i> MADELEINE E. MANAPAT , <i>IMEMS</i> GLENN M. FORBES , <i>USAID-SIBOL</i> MARLITO N. GUIDOTE , <i>USAID-SIBOL</i>

The Technical Working Group (TWG) shall discuss and finalize the overall contents of the modules.

Further, the secretariat shall be headed by the Head, FPLEG, and shall be composed of the following members:

1. Clint S. Dampor, FPLEG
2. Catherine M. Arandia, FPLEG
3. Mary Rose C. Martin, FPLEG
4. Sunshine A. Avenido, FPLEG
5. Lyka C. Artista, FPLEG
6. Krishna Martinez, VOC

The Secretariat shall provide liaison and coordination work, particularly during field testing and evaluation of the software and the scheduled meetings and discussions of the Technical Working Group (TWG).

This Order shall take effect immediately and shall remain in force until revoked or amended in writing.



Commodore EDUARDO B. GONGONA, PCG (Ret.)
BFAR National Director

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