



Republic of the Philippines
OFFICE OF THE SECRETARY
Elliptical Road, Diliman
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19 December 2022

MEMORANDUM ORDER

No. 78

Series of 2022

**TO : ALL HEADS/DIRECTORS OF ALL DA-REGIONAL FIELD OFFICES,
ALL HEADS OF BUREAUS (BAFE, BAI, BPI, BFAR)
ALL HEADS OF ATTACHED AGENCIES/CORPORATIONS (NFA, NMIS,
PCA, PCAF, PCIC, PHILFIDA, PHILMECH, PHILRICE, SRA, ULAP)**

**SUBJECT : ROLLING OUT OF THE REGISTRATION OF ALL AGRICULTURAL AND
FISHERIES MACHINERY AND EQUIPMENT USING THE AGRI-FISHERY
MECHANIZATION AND ENGINEERING RESOURCE NETWORK -
REGISTRATION OF OWNERSHIP OF AGRICULTURAL AND FISHERIES
MACHINERY AND EQUIPMENT SYSTEM (AFMECHERN-RAFMES)**

1.0 BACKGROUND

Republic Act No. 10601 or the Agricultural and Fisheries Mechanization Law (AFMech Law), Article IV, Section 19 states that *“All owners of agricultural and fisheries machinery and equipment must register these with the agriculture offices of municipal and city government units. The agriculture offices of the LGUs shall establish and maintain a registry of agricultural and fishery machinery at the municipal, city and provincial levels. The DA Regional Agricultural Engineering Division shall maintain a registry of agricultural and fishery machinery at the regional office whereas the BAFE shall maintain a national database of all registered agricultural and fishery machinery. Each office shall ensure that these registries and databases are available through the internet. The Secretary shall promulgate national guidelines and procedures for the registration of agricultural and fisheries machinery by the LGUs, including the collection of registration fees in accordance with the Local Government Code.”*

Article III, Section 10 of RA 10601 states that *“The existing agricultural machinery information and database of the PHilMech shall be strengthened into an agri-fishery mechanization and engineering resource network (AFMechERN). It will also be used and/or tapped as a facility for the online registration of agri-fisheries machinery and equipment, and monitoring of agri-fisheries mechanization and infrastructure projects.”*; Thus, the AFMechERN’s TWG on IS Development, chaired by PHilMech and of which the BAFE is among the member-agencies, developed the online registration information system known as *“Agri-Fishery Mechanization and Engineering Resource Network - Registration of ownership of Agricultural and Fisheries Machinery and Equipment System” (AFMechERN - RAFMES)*;

Relative to this, both agencies have entered into a Memorandum of Agreement (MOA) for the collaborative undertaking on rolling out the registration system known as AFMechERN - RAFMES as a ground-level system of registration by the City/Municipal Local Government Units (C/MLGUs), in collaboration with the DA-RFOs through their Regional Agricultural Engineering Divisions and the Provincial Local Government Units (PLGUs).

2.0 SCOPE/COVERAGE

This Memorandum Order covers the cooperation between BAFE and PHilMech in implementing the online registration of agricultural and fisheries machinery and equipment and in maintaining the national database on registered agricultural and fisheries machinery and equipment.

The cooperation between BAFE and PHilMech includes the following:

1. Data sharing and security through, but not limited to, the following strategies:
 - a. Access protocols to BAFE, DA-RAEDs, Provincial Agriculture Offices, LGUs;
 - b. Other strategies that the parties deem necessary and appropriate in the establishment, maintenance, access, and security of the databases;
2. Maintenance of existing mechanization databases;
3. Organization and implementation of briefings, workshops, training, and information dissemination on subjects of mutual interest;
4. Manpower skills and capability enhancement in areas of mutual interest;
5. Hardware support.

3.0 GENERAL GUIDELINES

The policy content and general guidelines on the registration of agricultural and fisheries machinery and equipment is based on the Department of Agriculture and Department of Interior and Local Government Joint Memorandum Circular (DA-DILG JMC 2018-02).

Registration data will be encoded at the city and municipal government levels through RAFMES. The RAFMES system account for operators shall be managed by PHilMech while the data account for users shall be managed by BAFE;

An Application Programming Interface (API) will be jointly created by both parties to facilitate data sharing between RAFMES and ABEMIS;

Funding for the implementation of this MOA including the hardware support will be shared among BAFE, PHilMech, DA-RAEDs and the LGUs.

Specific data and information to be shared by both parties other than registration data shall be identified and agreed upon.

BAFE and PHilMech shall establish a project management team (PMT) to oversee the implementation of this MOA.

4.0 ROLES OF PHILMECH

The PHilMech, shall:

1. Maintain, manage and enhance the RAFMES;
2. Provide resource persons in the conduct of training and/or re-tooling of system users and trainers on the use of RAFMES;
3. Provide technical assistance to system operators and trainers in the deployment/rollout of the information system;
4. Ensure the smooth utilization of the RAFMES;
5. Ensure unrestricted access by BAFE to all the data on the registry of agricultural and fisheries machines and equipment generated through RAFMES as well as other data as agreed upon;
6. Create module(s) using API in collaboration with BAFE to facilitate real-time data synchronization to BAFE's identified data storage (through direct access, cloud or DA-ICTS server).
7. Assist BAFE in rolling out the RAFMES to the LGUs.

5.0 ROLES OF BAFE

The BAFE, shall:

1. Facilitate the rollout of the RAFMES for the registration of ownership of agricultural and fisheries machines and equipment in coordination with DA RAEDs;
2. Provide resource persons in the conduct of training and/or re-tooling to system users and trainers on the use of RAFMES;
3. Spearhead the coordination with the DA-Regional Field Offices and other concerned agency partners in the implementation of the online registration of agricultural and fisheries machinery and equipment;
4. Maintain the national registry/database of all registered agricultural and fisheries machines and equipment as provided for by RA 10601;
5. Be responsible for the consolidation, storage, and retrieval of agricultural and fisheries machinery and equipment data at the provincial, regional, and

national levels in coordination with DA-RAEDs, other concerned national government agencies and LGUs;

6. Provide technical assistance to data users and trainers in the deployment/roll out of the information system.
7. Provide agreed mechanization data generated from ABEMIS to PHilMech, which will serve as input to the establishment of the AFMechERN databases.

6.0 ROLES OF THE DA-RFOS

The DA-RFOs, through their respective RAEDs, shall facilitate and provide technical assistance in the rollout of the RAFMES to the C/MLGUs.

The RAEDs shall maintain a provincial registry based on the municipal-level registration data; and consolidate this into a regional-level registry. The RAEDs shall ensure that the consolidated regional-level registry data is submitted to the DA-BAFE on a timely manner.

7.0 EFFECTIVITY

This Order shall take effect upon the date of signing by the parties, as indicated below and shall remain in force for a period of one year.

DOMINGO F. PANGANIBAN
Senior Undersecretary



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