# SUPPORTING STATEMENT

**U.S. Department of Commerce**

**National Oceanic & Atmospheric Administration**

**Southeast Region Vessel Monitoring System (VMS) and Related Requirements**

**OMB Control No. 0648-0544**

# Abstract

The NMFS, Office of Law Enforcement, Southeast Enforcement Division is submitting this request for an extension of a currently approved information collection.

The Magnuson-Stevens Fishery Conservation and Management Act authorizes the Gulf of Mexico Fishery Management Council (Gulf Council) and South Atlantic Fishery Management Council (South Atlantic Council) to prepare and amend fishery management plans for any fishery in Federal waters under their respective jurisdictions. NMFS and the Gulf Council manage the reef fish fishery in the Gulf of Mexico (Gulf) under the Fishery Management Plan (FMP) for the Reef Fish Resources of the Gulf of Mexico. NMFS and the South Atlantic Council manage the fishery for rock shrimp in the South Atlantic under the FMP for the Shrimp Fishery in the South Atlantic Region.

The FMPs and the implementing regulations contain several specific management areas where fishing is restricted; enforcement for which is most effectively conducted using VMS technology.

The information collected on the ‘‘Vessel Monitoring System Installation and Activation Certification for the Reef Fish Fishery of the Gulf of Mexico’’ form provides NMFS assurance that vessels are compliant with the requirements to install and activate an approved VMS unit. Information collected on the ‘‘Vessel Monitoring System Mobile Transceiver Unit (MTU) Power-Down Exemption Request for Vessels in the Gulf of Mexico Reef Fish Fishery’’ form provides information that allows NMFS to exempt a vessel from the VMS reporting requirement under specific criteria.

Information collected in fishing activity declarations is used to identify fishing activities, necessary for law enforcement operational planning, so law enforcement will know in real time, with what fishing activities the vessels are engaged.

1. **Explain the circumstances that make the collection of information necessary. Identify any legal or administrative requirements that necessitate the collection. Attach a copy of the appropriate section of each statute and regulation mandating or authorizing the collection of information.**

The Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act) authorizes the Gulf of Mexico Fishery Management Council (Gulf Council) and South Atlantic Fishery Management Council (South Atlantic Council) to prepare and amend fishery management plans (FMPs) for any fishery in federal waters under their respective jurisdictions. The National Marine Fisheries Service (NMFS) and the Gulf Council manage the reef fish fishery in the Gulf of Mexico (Gulf) under the Reef Fish FMP. NMFS and the South Atlantic Council manage the fishery for rock shrimp in the South Atlantic under the Shrimp FMP.

Owners and operators of federally permitted Gulf reef fish and South Atlantic rock shrimp vessels must have installed and use a functional, NMFS approved satellite-linked vessel monitoring system (VMS) unit on their vessels. NMFS requires specific types of data submissions and agency notifications through VMS. In addition, NMFS requires a functional VMS unit on the vessel to renew a Gulf reef fish permit. VMS regulations applicable to the Gulf reef fish fishery and South Atlantic rock shrimp fishery may be found at 50 CFR § 622.28 and §622.205, respectively.

The FMPs contain several area-specific regulations where fishing is restricted or prohibited in order to protect habitat or spawning aggregations, or to control fishing pressure. Unlike size, bag, and trip limits, where the catch can be monitored on shore when a vessel returns to port, area restrictions require at-sea enforcement. However, at-sea enforcement of offshore area restrictions is difficult due to the distance from shore and the limited number of patrol vessels, resulting in a need to improve enforceability of area fishing restrictions through remote sensing methods. In addition, all fishing gears are subject to some area fishing restrictions. Because of the sizes of these areas and the distances from shore, the effectiveness of enforcement through over flights and at-sea interception is limited. An electronic VMS allows a more effective means to monitor vessels for intrusions into restricted areas. As a further aid to law enforcement officials, prior to departure for each trip, each vessel owner or operator must report their planned fishing activity, and the gear on board the vessel.

The VMS provides effort data and significantly aids in enforcement of areas closed to fishing. To fish for or possess Gulf reef fish or South Atlantic rock shrimp in or from the exclusive economic zone (EEZ), a vessel owner or operator subject to the requirements for a VMS must allow NMFS, the United States Coast Guard (USCG), and their authorized officers and designees, access to the vessel's position data obtained from the VMS. Installation and Activation forms provide assurance to data integrity, and power down exemption data provides flexibility to industry while giving Law Enforcement tools to ensure data for fishing activity is collected

The requirements for these data collections are specified as follows:

* Position Data collection: VMS regulations applicable to the Gulf reef fish fishery is listed in 50 CFR 622.28(b), VMS regulations applicable to the South Atlantic rock shrimp fishery are listed here: [50 CFR 622.224(b)(1)(i)(C)](https://www.ecfr.gov/current/title-50/chapter-VI/part-622#p-622.224(b)(1)(i)(C)), [50 CFR 622.205(a)](https://www.ecfr.gov/current/title-50/chapter-VI/part-622#p-622.205(a))
* Collection of fishing trip declaration data: 50 CFR §§ 622.28(e)
* Installation and Activation Certification: VMS regulations applicable to the Gulf reef fish fishery and South Atlantic rock shrimp fishery may be found at 50 CFR § [622.28](https://www.ecfr.gov/current/title-50/chapter-VI/part-622#p-622.28(a)) and §[622.205](https://www.ecfr.gov/current/title-50/chapter-VI/part-622#p-622.205(a)), respectively.
* Power Down Exemption data: 50 CFR § 622.28(d)

# Indicate how, by whom, and for what purpose the information is to be used. Except for a new collection, indicate the actual use the agency has made of the information received from the current collection.

# Sample Table: Information Requirements and Needs and Uses of Information Collected

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item #** | **Requirement** | **Statute** | **Regulation** | **Form #** | **Needs and Uses** |
| 1 | Vessel Monitoring System (VMS) Installation and Activation Certification For the Reef Fish Fishery of the Gulf of Mexico  |  | 50 CFR 622.28(f) | OMB No 0648-0544 | Used by the public to verify installation of their required unit.Used by the NMFS to confirm that the unit was properly installed, necessary to ensure data reliability. |
| **2** | Vessel Monitoring System (VMS) Installationand Activation Certification For the South Atlantic Rock Shrimp Fishery  |  | 50 CFR 622.205(b) | OMB No 0648-0544 | Used by the public to verify installation of their required unit.Used by the NMFS to confirm that the unit was properly installed, necessary to ensure data reliability. |
| **3** | The owner or operator of the vessel applies for and obtains a valid letter of exemption from NMFS OLE VMS personnel as specified in the NOAA Enforcement Vessel Monitoring System Requirements for the Reef Fish Fishery of the Gulf of Mexico. |  | 50 CFR 622.374(b)(5)(iv)(D) | OMB No 0648-0544 | Used by the public to request authorization to turn off their VMS unitUsed by NMFS to track vessels authorized to turn off their VMS units—without know who is authorized to turn off their unit, we cannot identify unauthorized powerdowns. |

Use of VMS by commercial Reef Fish vessels and South Atlantic Rock Shrimp vessels provides several important functions.

Specifically, the FMPs contain several area-specific regulations where fishing is restricted or prohibited in order to protect habitat or spawning aggregations, or to control fishing pressure. Unlike size, bag, and trip limits, where the catch can be monitored on shore when a vessel returns to port, area restrictions require at-sea enforcement. However, at-sea enforcement of offshore area restrictions is difficult due to the distance from shore and the limited number of patrol vessels, resulting in a need to improve enforceability of area fishing restrictions through remote sensing methods. In addition, all fishing gears are subject to some area fishing restrictions. Because of the sizes of these areas and the distances from shore, the effectiveness of enforcement through over flights and at-sea interception is limited. An electronic VMS allows a more effective means to monitor vessels for intrusions into restricted areas. Utilizing VMS provides effort data and significantly aids in enforcement of areas closed to fishing.

Therefore, every federally permitted commercial Reef Fish vessel that is required to have a VMS unit must have that VMS unit on and properly functioning at all times, even when docked, and prior to each fishing trip, or during a trip if activity changes, a report of fishing activity must be submitted to NMFS VMS personnel. The units must be on 7 days a week, 24 hours a day and transmit once per hour unless the vessel has an approve power down exemption (PDE).

Similarly, vessels with a valid federal South Atlantic Rock Shrimp permit are required to have a properly on and functioning VMS unit whenever the vessel is on a trip in the South Atlantic. The VMS must transmit once per hour unless the vessel has entered a NMFS defined area in which case the VMS unit reporting rate will be increased to once every 5 minutes. If the vessel departs the area, the VMS unit reporting rate will be resume transmitting once per hour.

As a further aid to law enforcement officials, prior to departure for each trip, each commercial reef fish vessel owner or operator must report their planned fishing activity, and the gear on board the vessel. Additionally, if fishing activity is altered during a trip, notification of the changes must be given to law enforcement. Reporting of changes to fishing activity can be reported either via VMS or through a NMFS call-in system at (888) 219-9228.

Two other requirements are the completion and submission of the statement certifying compliance with the installation and activation checklist, and for Gulf reef fish vessels only, a PDE request for when boats are out of the water, (e.g., for maintenance or repairs in dry dock).

The installation and activation checklist is required from each commercial Reef Fish and South Atlantic Rock Shrimp vessel that obtain a VMS unit, at the time the VMS unit is installed. This form provides assurance to NMFS Law Enforcement that the unit was properly installed on the vessel, Only a VMS unit that NMFS has approved for use in the for Gulf reef fish and South Atlantic rock shrimp fisheries may be used, and the VMS unit must be properly registered and activated with an approved communications provider for the vessel. Additionally, a qualified marine electrician must install the VMS hardware. When installing and activating the NMFS-approved VMS unit, the vessel owner or operator must: (1) follow procedures indicated on the VMS Installation and Activation Certification checklist for the applicable fishery; (2) submit a statement certifying compliance with the checklist, as prescribed on the checklist; and (3) submit a vendor-completed installation certification checklist. These materials are available from and must be submitted to the NOAA Office of Law Enforcement (OLE), Southeast Region, St. Petersburg, FL 33701; phone (800) 758-4833 or (727) 824-5347.

The PDE request is required only from commercial Reef fish vessels wishing to turn off their VMS. The form is available via online application or hardcopy form. To submit a PDE request on line, vessel owners access this website: <https://grunt.sefsc.noaa.gov/apex/fer/r/fer_forms/power-down-request>. Alternatively, vessel owners may request a paper form the NOAA Office of Law Enforcement (OLE), Southeast Region, St. Petersburg, FL 33701; phone (800) 758-4833 or (727) 824-5347.

The information collected on the ‘‘Vessel Monitoring System Installation and Activation Certification for the Reef Fish Fishery of the Gulf of Mexico’’ form provides NMFS assurance that vessels are compliant with the requirements to install and activate an approved VMS unit. Assurance that the unit was properly installed is necessary for us to consider the data reliable enough to use for law enforcement case prosecution.

Information collected on the ‘Vessel Monitoring System Mobile Transceiver Unit (MTU) Power-Down Exemption Request for Vessels in the Gulf of Mexico Reef Fish Fishery’’ form provides information that allows NMFS to exempt a vessel from their VMS reporting requirement under specific criteria.

NMFS will retain control over the information and safeguard it from improper access, modification, and destruction, consistent with NOAA standards for confidentiality, privacy, and electronic information. See response to Question 10 of this Supporting Statement for more information on confidentiality and privacy. The information collection is designed to yield data that meet all applicable information quality guidelines. Although the information collected is not expected to be disseminated directly to the public, results may be used in scientific, management, technical or general informational publications. Should NMFS decide to disseminate the information, it will be subject to the quality control measures and pre-dissemination review pursuant to [Section 515 of Public Law 106-554](http://www.fws.gov/informationquality/section515.html).

1. **Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g. permitting electronic submission of responses, and the basis for the decision for adopting this means of collection. Also, describe any consideration of using information technology to reduce burden.**

­Position Reports

The VMS transmits all position reports electronically and, when the unit is powered up, submitted automatically.

Positon data is sent automatically by the VMS units at a frequency of one transmission per an hour, unless the vessel has entered a NMFS-defined buffer zone of one nautical mile around areas with fishing restrictions. Specifically, a vessel with a valid commercial vessel permit for rock [shrimp](https://www.law.cornell.edu/definitions/index.php?width=840&height=800&iframe=true&def_id=08dd105108861e7266c1ed8eb879630e&term_occur=999&term_src=Title:50:Chapter:VI:Part:622:Subpart:K:622.224) that possesses rock [shrimp](https://www.law.cornell.edu/definitions/index.php?width=840&height=800&iframe=true&def_id=08dd105108861e7266c1ed8eb879630e&term_occur=999&term_src=Title:50:Chapter:VI:Part:622:Subpart:K:622.224) that transits Oculina Bank [HAPC](https://www.law.cornell.edu/definitions/index.php?width=840&height=800&iframe=true&def_id=91bdcc3f58c98ec84d5f5b9824e12456&term_occur=999&term_src=Title:50:Chapter:VI:Part:622:Subpart:K:622.224) will increase the position reporting frequency to once every 5 minutes. This report increase happens automatically, and is designed to provide law enforcement with data necessary to enforce HAPC restrictions.

Installation and Activation

The Installation and Activation Checklist and Power Down Exemption Request forms are available from NOAA OLE, Southeast Region by calling (800) 758-4833 to request the forms be sent by mail or email.

The agency is looking into options to create an online form for the installation and activation certification, but current budget levels prohibit such development.

Power Down Exemption Requests

The Power Down Exemption may be submitted online through <https://grunt.sefsc.noaa.gov/apex/fer/r/fer_forms/power-down-request>, or sent via email.

Trip Declarations

In order for a vessel to fish for or possess Gulf reef fish or South Atlantic rock shrimp in or from the exclusive economic zone (EEZ), prior to departure for each trip, each vessel owner or operator must report their planned fishing activity, and the gear on board the vessel. Fishermen may report changes to fishing activity either via VMS form or through a NMFS call-in system at (888) 219-9228.

1. **Describe efforts to identify duplication. Show specifically why any similar information already available cannot be used or modified for use for the purposes described in Question 2**

Position data collected by VMS units, power down exemption requests, installation and activation certification documentation, and trip declarations are not collected by any other government dataset.

1. **If the collection of information impacts small businesses or other small entities, describe any methods used to minimize burden.**

Because all respondents are considered small businesses, separate requirements based on size of business have not been developed. NMFS only requests the minimum data to meet the current and future needs of fisheries management and permitting programs from all applicants.

1. **Describe the consequence to Federal program or policy activities if the collection is not conducted or is conducted less frequently, as well as any technical or legal obstacles to reducing burden.**

The VMS units provide vessel characteristic, fishing activity data and enforcement information to increase compliance in the fisheries. The approved VMS provides automatic recording of positions at hourly intervals, and more frequently under certain circumstances, as described in the response to Question 2. A less frequent recording of positions would provide ineffective monitoring and not achieve the Gulf Council and South Atlantic Councils’ intended benefits. Additionally, reporting of fishing activity aids law enforcement in identifying violations of area fishing restrictions depending on the fishermen’s declaration of vessel activity.

If Power Down Exemptions requests are not collected that will mean either that there are no allowable situations in which a VMS may be turned off, which would be a significant burden and inconvenience to the industry; or that VMS units can be powered down without submitting a request, which would mean that NMFS has no way to identify unauthorized power downs, making the overall data collection required to support the fishery management ineffective.

If the Agency does not obtain Installation and Activation Certification forms the reliability/accountability of the VMS data will be diminished, jeopardizing the ability to use the data for enforcement activities.

1. **Explain any special circumstances that would cause an information collection to be conducted in a manner inconsistent with OMB guidelines.**

VMS position data is collected automatically, every hour, unless otherwise exempted. Collection on a quarterly basis would negate the real-time reporting necessary for enforcement operations.

Powerdown Exemption data is also a real-time collection, designed to allow vessels to be exempt from the hourly position data. Requiring vessels to forecast their power down needs months in advance for a quarterly submission would significantly reduce the flexibility these exemptions provide to the industry.

1. **If applicable, provide a copy and identify the date and page number of publications in the Federal Register of the agency's notice, required by 5 CFR 1320.8 (d), soliciting comments on the information collection prior to submission to OMB. Summarize public comments received in response to that notice and describe actions taken by the agency in response to these comments. Specifically address comments received on cost and hour burden.**

NMFS published a notice in the Federal Register on January 12, 2022 (87 FR 1725), to solicit public comments on the continuation of this collection of information. NMFS did not receive any public comments on the notice.

 NMFS reached out to stakeholders in an effort to obtain their views on the availability of data, frequency of collection, the clarity of instructions and recordkeeping, disclosure, or reporting format (if any), and on the data elements to be recorded, disclosed, or reported.  No responses were received.

1. **Explain any decision to provide any payment or gift to respondents, other than remuneration of contractors or grantees.**

There are no payments or other remunerations to respondents.

1. **Describe any assurance of confidentiality provided to respondents and the basis for the assurance in statute, regulation, or agency policy. If the collection requires a systems of records notice (SORN) or privacy impact assessment (PIA), those should be cited and described here.**

As stated on the forms, all data that are submitted are treated as confidential in accordance with the Magnuson-Stevens Act (16 U.S.C. 1881a, et seq.) and [NOAA Administrative Order 216-100](http://www.corporateservices.noaa.gov/ames/administrative_orders/chapter_216/216-100.html).

1. **Provide additional justification for any questions of a sensitive nature, such as sexual behavior or attitudes, religious beliefs, and other matters that are commonly considered private. This justification should include the reasons why the agency considers the questions necessary, the specific uses to be made of the information, the explanation to be given to persons from whom the information is requested, and any steps to be taken to obtain their consent.**

There are no questions of a sensitive nature.

1. **Provide estimates of the hour burden of the collection of information.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Information Collection** | **Type of Respondent (e.g., Occupational Title)** | **# of Respondents/year(a)** | **Annual # of Responses / Respondent(b)** |  **Total # of Annual Responses(c) = (a) x (b)** | **Burden Hrs / Response(d)** | **Total Annual Burden Hrs(e) = (c) x (d)** | **Hourly Wage Rate (for Type of Respondent)(f)** | **Total Annual Wage Burden Costs(g) = (e) x (f)** |
|  Annual VMS maintenance | Gulf of Mexico Reef fish and South Atlantic Rock Shrimp permit holders  | 901  | 1  | 901  | 2 hours  | 1802 hours | $26.16  | $47,140.32  |
|  Installation and Activation / Checklist |  Gulf of Mexico Reef fish and South Atlantic Rock Shrimp permit holders  | 145  | 1  | 145  | See calculation below  | 593.3 hours | $26.16   | $15,520.73  |
|  Power Down Exemption Requests | Gulf of Mexico Reef fish permit holders   | 150  | 1  | 150  | 5 min  | 12.5 hours  | $26.16   | $327.00  |
|  Trip Declarations | Gulf of Mexico Reef fish permit holders    | 824  | 16 | 13,184 | 1 min  | 219.7 hours  | $26.16   | $5,747.35  |
| **Totals** |  |  |  | **14,380** |  | **2,627.5** |  | **$68,702.4** |

As of March 2022, NMFS has issued 824 Gulf of Mexico Reef Fish permits and 77 permits for South Atlantic Rock Shrimp (South Atlantic EEZ), totaling 901 permitted vessels. The number of permitted vessels is assumed to also be the total number of respondents (901).

The hourly wage rate was obtained from <https://www.bls.gov/oes/current/oes451011.htm#st>. Note that fishing is lumped with farming and forestry.  BLS does not produce estimates specific to fishing, and certainly not to specific fisheries or sectors thereof.

Annual Maintenance

The owners and operators of up to 901 vessels will be affected by this information collection, and NMFS estimates that all of these vessels would have the burden of up to 2 hours for annual maintenance to their VMS. NMFS estimates a time burden of 1,802 hours for maintenance annually.

Power Down Exemption Requests

In addition, NMFS estimates that approximately 150 VMS power-down exemption requests will be made annually by owners and operators of Gulf reef fish vessels, which will require 5 minutes of burden time per response. This estimate is based on the number of power-down requests made in calendar year 2021, with the context of increased programmatic outreach about the importance or power-down exemption requests. The VMS power-down exemption is not available to South Atlantic rock shrimp fishermen. The annual total time burden to request VMS power-down exemptions is estimated to be approximately 12.5 hours.

Trip Declarations

Owners and operators of vessels with Gulf reef fish permits are required to notify NMFS at the beginning and end of trips. In 2021 vessels that submitted Trip Declarations submitted an average of 16 declarations. NMFS estimates that approximately 13,184 trip declarations using the VMS unit will be made annually by 824 vessels with Gulf reef fish permits. NMFS estimates that each trip declaration results in a burden of 1 minute to report fishing activity for vessels in the Gulf reef fish fishery. Therefore, the total burden time for trip declarations is estimated to be 219.7 hours annually. NMFS does not require trip notifications by owners and operators of South Atlantic rock shrimp vessels.

Installation and Activation Certification and checklists

Gulf of Mexico Reef Fish and South Atlantic rock shrimp fisheries are in a limited entry program, which means that NMFS does not issue any new permits. New entrants in the fishery must obtain a permit from an existing permit holder, and transfer it to their vessel. These transfers fall into two categories; transfer of a permit from one vessel to another vessel, and transfer of a permit to a new owner of the same vessel. For both types of transfer, the owner of the vessel receiving a Gulf of Mexico Reef fish and/or South Atlantic rock shrimp permit must submit a VMS Installation and Activation Certification checklist for the applicable fishery, and the VMS unit must be properly registered and activated with an approved communications provider for the VMS unit. Additionally, if the permit it transferred to a new vessel that does not already have a VMS unit installed, a qualified marine electrician must install a VMS unit on the vessel.

|  |  |  |
| --- | --- | --- |
| **Transfer types** | **2020** | **2021** |
| **New Vessel** | **102** | **116** |
| Gulf Reef | 97 | 111 |
| Rock Shrimp  | 5 | 5 |
| **Same Vessel** | **35** | **32** |
| Gulf Reef | 33 | 30 |
| Rock Shrimp  | 2 | 2 |
| **Grand Total** | **137** | **148** |

Based on the number and type of transfer transactions in the last several years, NMFS estimates that 145 permit Gulf of Mexico Reef Fish permit or South Atlantic Rock Shrimp permit transfer will occur in both fisheries. The time burden and cost burden is described in detail below.

All transfers of Gulf of Mexico Reef Fish permit or South Atlantic Rock Shrimp permit will require submission of an Installation and Activation certification document. The estimated time burden for this activity is 20 minutes per response. Therefore, the time burden for this activity is 48.3 hours (145 responses x 20minutes/ response).

Additionally, NMFS estimates that 75% (109) will involve transfer of a permit from one vessel to another vessel, which will presumably require the installation of a VMS unit. The time burden for purchase, setup, and installation oversight is estimated at 5 hours per unit. Therefore, the time burden for this activity is 545 hours (109 responses x 5 hours/ response).

The total time burden associated with the installation and activation of VMS units is 593.3 hours (48.3 hours + 545 hours)

**ANNUAL RESPONSES AND TIME BURDEN**

1. 901 vessels with VMS units x 2 hours per year maintenance = 901 responses and 1,802 hours
2. (150 power-down exemption requests per year x 5 minutes per request) = 150 responses and 12.5 hours
3. (13,184 trip notifications to report fishing activity x 1 minute)/60 minutes = 13,184 responses and 219.7 hours
4. Installation and Activation Certification burden hours: 145 responses (checklists) and 593.3 hours.

**Total estimated annual respondents: 901**

**Total estimated annual responses: 14,380** (901 + 150 + 13,184 + 145)

**Total estimated annual burden hours: 2,627.5** (1,802 + 12.5 + 219.7 + 593.3)

1. **Provide an estimate for the total annual cost burden to respondents or record keepers resulting from the collection of information. (Do not include the cost of any hour burden already reflected on the burden worksheet).**

Total capital and start-up cost

The initial purchase price a VMS unit varies by vendor. VMS vendors were contacted as part of this analysis, with responses received from most, but not all. The purchase price for a VMS unit from the vendors who responded ranged from $1,995 to $3,195. The estimated average price of new VMS unit as $2,764, which annualized over an at least ten year life span, represents a $276.4 annual cost. \*Not included in this total is the opportunity for the vessel owner to be reimbursed for up to $3,100 for the initial purchase of a VMS unit. This reimbursement program is managed out of the Pacific States Marine Fisheries Commission at <https://www.psmfc.org/program/vessel-monitoring-system-reimbursement-program-vms>. Funds are subject to availability, but the program has heretofore been able to reimburse all eligible vessel owners who requested reimbursement for their first-time purchase of an applicable VMS unit. If this reimbursement opportunity is considered, the annualized purchase cost is decreased to between $0 and $20, depending on which unit is purchase.

The requirement to hire a qualified marine electrician to install a VMS constitutes a startup cost. The installation costs estimated by the vendors ranged from $350 to $400, with an average estimated cost of $375, which annualized over an at least ten year life span represents a $37.5 annual cost.

Total operation and maintenance and purchase of services component

The recurring monthly operation costs associated with submitting 24 positions per day ranged from $36 to $54, with $45 as an estimated average cost per month, or $520 annually ($45 x 12 months). The annual number of responses per respondent is estimated at 8,760 (24 positions per day x 365 days per year).

Trip Declaration costs

Trip declarations are required from Commercial Gulf of Mexico Reef Fish vessels only (824 vessels). Some vendors include the cost of trip declarations as part of their monthly operation. Other vendors charge as much as an additional $10 for 6 declarations in a month. NMFS estimates the average cost per trip declaration to be $0.30. Estimates for the industry are an average of 16 trip declarations per vessel per year, resulting in an average additional cost of $4.80 per vessel per year for trip declarations.

No additional record keeping is required for these activities.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Information Collection** | **# of Respondents/year(a)** | **Annual # of Responses / Respondent(b)** |  **Total # of Annual Responses(c) = (a) x (b)** | **Cost Burden / Respondent(h)** | **Total Annual Cost Burden(i) = (c) x (h)** |
|  Annual VMS maintenance | 901  | 1  | 901  | $520  | 468,520  |
|  Installation and Activation / Checklist | 145  | 1  | 145  | $313.9  | 45,515.50 |
|  Power Down Exemption Requests | 150  | 1  | 150  | 0  | 0  |
|  Trip Declarations | 824  | 16 | 13,184 | $4.80 /vessel | $3,955.20  |
| **TOTALS** |  |  |  |  | **517,991**  |

1. **Provide estimates of annualized cost to the Federal government. Also, provide a description of the method used to estimate cost, which should include quantification of hours, operational expenses (such as equipment, overhead, printing, and support staff), and any other expense that would not have been incurred without this collection of information.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Cost Descriptions** | **Grade/Step** | **Loaded Salary /Cost** | **% of Effort** | **Fringe (if Applicable)** | **Total Cost to Government** |
| **Federal Oversight** |  ZA-3001-IV |   225,000 |  50% |   |   112,500 |
|  | 3x ZS-1802 Band V Interval 2 |  297,000 |  100% |   |  297,000 |
|  Other Federal Positions |   |  |  |   |  |
|   |   |   |   |   |   |
| **Contractor Cost** |   |   |   |   |   |
|   |   |   |   |   |   |
|   |   |   |   |   |   |
| **Travel** |   |   |   |   |  7,000 |
| **Other Costs:**  |   |   |   |   |   |
| **TOTAL** |   |   |   |   |  416,500 |

1. **Explain the reasons for any program changes or adjustments reported in ROCIS.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Information Collection** | **Respondents** | **Responses** | **Burden Hours** | **Reason for change or adjustment** |
| Current Renewal / Revision | Previous Renewal / Revision | Current Renewal / Revision | Previous Renewal / Revision | Current Renewal / Revision | Previous Renewal / Revision |
|  Annual VMS maintenance | 901  | 120 |  901 | 120 |  1802 | 641 |  Administrative correction for increased clarity - VMS maintenance burden previously included in trip declarations IC, now moved. |
|  Installation and Activation / Checklist | 145  | 46 | 145  | 46 | 593.3  | 15 |  Administrative correction for increased clarity - Previous burden for checklists included in the VMS IC, now moved to this IC as well as VMS purchase/install. |
|  Power Down Exemption Requests | 150  | 85  | 150  |  85 |  12.5 | 7  |  See note below |
|  Trip Declarations | 824  | 945 |  13,184 |  13,945 | 220 | 2,107 |  Administrative correction for increased clarity - Responses and burden hours previously included VMS maintenance burden, which has been moved to the VMS Maintenance IC |
| **Total for Collection** | **901** | **945** | **14,380** | **14,196** | **2,628** | **2,770** |  |
| **Difference** |  -44 | 184  | -142  |   |

Note: The increase in annual Power Down Exemption requests is thought to be an consequence of increased NMFS outreach to participants, advising of the requirement to submit a Power Down Exemption request before turning off their VMS unit.

|  |  |  |  |
| --- | --- | --- | --- |
| **Information Collection** | **Labor Costs** | **Miscellaneous Costs** | **Reason for change or adjustment** |
| Current | Previous | Current | Previous |
|  Annual VMS maintenance | $47,140.32  | NA  | 468,520  | 219,060  |  See previous table for explanation of burden shifts between ICs in this collection since previous IC  In practice, all power down exemption request submission is done onlineReduction of anticipated monthly communication costs from $75 to $45/month (based on averages) and reduction in annualized capital start-up costs due to reimbursement costs accounts for the large reduction in annual VMS costs (most of which was previously captured in trip declarations) |
|  Installation and Activation / Checklist | $15,520.73  | NA  | 45,515.50 | 23  |
|  Power Down Exemption Requests | $327.00  | NA  | 0  |  43 |
|  Trip Declarations | $5,747.35  |  NA | 3,955.20  | 1,323,000  |
| **Total for Collection** | $68,702.4 | **NA** | **517,991** | **1,542,126** |  |
| **Difference** | $68,702 | -1,024, 135 |   |

1. **For collections of information whose results will be published, outline plans for tabulation and publication. Address any complex analytical techniques that will be used. Provide the time schedule for the entire project, including beginning and ending dates of the collection of information, completion of report, publication dates, and other actions.**

The results from this collection are not planned for statistical publication.

1. **If seeking approval to not display the expiration date for OMB approval of the information collection, explain the reasons that display would be inappropriate.**

The expiration date will be displayed on the power down form – other ICs do not have forms associated.

1. **Explain each exception to the certification statement identified in “Certification for Paperwork Reduction Act Submissions."**

The agency certifies compliance with [5 CFR 1320.9](http://www.gpo.gov/fdsys/pkg/CFR-2014-title5-vol3/pdf/CFR-2014-title5-vol3-sec1320-9.pdf) and the related provisions of [5 CFR](http://www.gpo.gov/fdsys/pkg/CFR-2014-title5-vol3/pdf/CFR-2014-title5-vol3-sec1320-8.pdf) [1320.8(b)(3)](http://www.gpo.gov/fdsys/pkg/CFR-2014-title5-vol3/pdf/CFR-2014-title5-vol3-sec1320-8.pdf).