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SECTOR OPERATIONS PLAN AND AGREEMENT

This NORTHEAST FISHERY SECTOR OPERATIONS PLAN AND AGREEMENT (this "Agreement") is entered into as of **March 8, 2019** (the Effective Date), by and among XII Northeast Fishery Sector, Inc. ("NEFS XII") and each of the Sector members identified on the attached **Exhibit C**.

Recitals

A. Pursuant to "Amendment 16" to the Northeast Multispecies Fishery Management Plan and implementing regulations promulgated by the National Marine Fisheries Service ("NMFS"), a group of persons holding limited access multispecies vessel permits may form self-selecting voluntary sectors for fishery management. As a condition to forming a sector under Amendment 16, the persons wishing to do so must enter into a binding sector operations plan and agreement that contains the required elements.

B. The parties to this Agreement wish to form a self-selecting voluntary sector under Amendment 16 and to do so are voluntarily entering into this Agreement for **Fishing Year 2019 (May 1, 2019-April 30, 2020) and Fishing Year 2020 (May 1, 2020-April 30, 2021)**.

Agreement

Now therefore, for and in consideration of the agreements, covenants, rights and obligations set forth herein and the mutual benefits anticipated by the Members under this Agreement, the receipt and sufficiency of which is hereby acknowledged, the Members and Sector hereby agree as follows:

1. Sector Name. The organization described under this Agreement shall be called the XII Northeast Fishery Sector, Inc. This is a non-profit organization incorporated in Massachusetts on May 26, 2009 and therefore may be held liable for violations committed by its members.

2. Sector Eligibility and Membership. To be eligible to be a member of the Sector, a person must hold a Limited Access Northeast multi-species permit and meet all other Sector eligibility requirements as established from time to time by the Sector's Board of Directors (the "Board"). Any person wishing to become a Sector member must submit an application no later than sixty (60) days prior to the annual deadline by which Sector contracts must be submitted to NMFS. Sector membership shall be effective upon admission of a member by the Board and acceptance by execution by such member of the Sector's Membership Agreement. Subject to the automatic renewal provisions of Section 12 below, and the disciplinary expulsion provisions of Section 13 below, Sector membership

shall expire at the conclusion of each fishing year, unless renewed by the Board in accordance with the Sector's Bylaws and this Agreement. The Sector's members (the "Members"), such Members' "Limited Access Multispecies Permit" (LA MS) as identified by its "Moratorium Rights Identifier" (MRI), and the vessels that will harvest the Sector's Amendment 16 allocations are identified on the attached **Exhibit C**, which may be amended from time to time in accordance with this Agreement and the Sector's Bylaws.

2.1. Rule of Three Requirement: Amendment 16 to the NE multispecies FMP defines a sector as a group of three or more persons, none of whom have an ownership interest in the other two persons in the sector. This criterion has been fulfilled for FY 2019 with permit # 250541 under the distinct ownership of Tom Bell, permit 250525 under the distinct ownership of # Philip Lynch , and permit # 149951 under the distinct ownership of Motor Vessel Yankee Rose Inc. . Documentation of fulfillment of this criterion for FY 2020 will be located in **Exhibit I** of this Agreement and will be furnished by the Sector in accordance with NMFS guidance and schedule pertaining to bi-annual operation plan submission.

3. Member and Vessel Permits. The attached **Exhibit D** is provided in accordance with the requirements of Amendment 16 that all state and federal permits held by Members or assigned to Members' vessels be disclosed in each sector's annual operations plan. Documentation of fulfillment of this criterion for FY 2020 will be located in **Exhibit I** of this Agreement and will be furnished by the Sector in accordance with NMFS guidance and schedule pertaining to bi-annual operation plan submission.

4. Sector Allocation and Exemptions. Each Member shall take all actions and execute all documents necessary to obtain the Sector's Amendment 16 annual catch entitlement ("ACE"). The Sector shall request all universal exemptions granted to sectors under Amendment 16 and relating multispecies implementing regulations; and any special exemptions the Board deems appropriate. The special exemptions initially requested by the Sector are identified on the "Harvesting Rules" attached hereto as **Exhibit A.**

5. Distribution of Sector ACE. Each Member acknowledges that the Sector's ACE is composed of allocations for each species of Northeast multispecies groundfish allocated by Amendment 16 (each such species being an "Allocated Species"), and any subsequent Framework or Amendment. Subject to the terms and conditions of this Agreement, each Member shall be entitled to harvest or transfer an amount of the Sector's ACE, as adjusted by the Sector for retainages including but not

limited to the Reserve, for each Allocated Species proportionate to the amount of ACE for such species that the Sector receives as a result of such Member's membership in the Sector. The amount of Sector ACE a Member may harvest or transfer, as adjusted by transfers and Sector retainages including but not limited to the Reserve, made in accordance with this Agreement, is referred to hereafter as a Member's "Harvest Share." Each Member may harvest or transfer its Harvest Share only under the terms and conditions of this Agreement and in compliance with the restrictions imposed by the Manager (as defined below), the Enforcement Committee (as defined below) and the Board in accordance with this Agreement. Any other attempted harvest or transfer of a Member's Harvest Share shall be a breach of this Agreement.

6. Sector Manager and Registered Agent. The Board shall from time to time appoint a person to act as the Sector's authorized agent in all NMFS and New England Fishery Management Council matters (the "Manager"), and a person to serve as the registered agent for receiving service of process on behalf of the Sector (the "Registered Agent"). The procedures for appointing the Manager and the Registered Agent shall be as provided in the Sector's Bylaws, as the same may be amended from time to time. The Manager and the Registered Agent may be the same person. The Manager shall be responsible for preparing and filing all reports required of the Sector under Amendment 16 and the related implementing regulations. Frank Mirarchi will serve as the registered agent for receiving service of process on behalf of the Sector. The Sector will notify NMFS prior to May 1, 2019 who will be acting as their Manager for FY 2019. Documentation of fulfillment of this criterion for FY 2020 will be located in **Exhibit I** of this Agreement and will be furnished by the Sector in accordance with NMFS guidance and schedule pertaining to bi-annual operation plan submission.

6.1. Communication with Sector. The Manager is the primary point of contact for all communications on behalf of the Sector and all communications regarding NEFS XII should be directed accordingly. In addition to the Sector Manager, Elizabeth Etrie or the acting program director of Northeast Sector Service Network is authorized to act on behalf of the Sector. At the time in which this Agreement is entered into, the Board of Directors are as follows:

President: Kevin Norton
Vice President: Philip Lynch
Treasurer: Frank Mirarchi
Clerk: Tom Bell

Directors: Kevin Norton, Philip Lynch, Frank Mirarchi, Tom Bell, Mac Gustafon

In the event that the Board of Directors is modified, the Sector will notify NMFS of such modifications. Additionally, a list of current Board members can also be located at the following link.

http://corp.sec.state.ma.us/corpweb/corpsearch/CorpSearch.aspx

7. Consolidation Plan. The Sector's ACE shall be harvested in accordance with the terms and conditions of this Section 7.

7.1. Harvest Share Reserve. Each Member acknowledges that under NMFS regulations, the Members' aggregate harvest of the Sector's ACE may not exceed the Sector's ACE allocation, as adjusted by transfers of ACE between the Sector and other sectors. Each Member further acknowledges that under NMFS regulations, each Member may be held jointly liable for fines, penalties and forfeitures related to the Sector's ACE being overharvested. Each Member therefore authorizes the Manager to annually establish a reserve of each Allocated Species in the amount the Manager deems necessary to insure the Sector's ACE is not over-harvested (the "Reserve"). The Reserve for each Allocated Species shall be established by assessing the Members' Harvest Shares for such Allocated Species on a pro rata basis, according to their Harvest Share percentages for each such species. The amount of each Member's Harvest Share available for harvest or transfer shall be net of the amount assessed for the Reserve. The Reserve shall be managed under a "Deemed Value System" ("DVS") by the Manager in accordance with the terms and conditions adopted by the Board from time to time. If the Board requires that Members pay for distributions from the Reserve, the DVS payments received by the Sector shall be distributed to the Members after the close of fishing for the year on a pro rata basis, such that each Member receives a share of the total amount paid for distributions of each Allocated Species from the Reserve proportionate to the amount of such Allocated Species each Member contributed to the Reserve.

7.2. Harvest Share Use. Only Members that notify the Manager in writing on or before [INSERT DATE (the "Notification Date"), and on or before any succeeding Notification Dates established by the Board for FY 2019 and FY 2020 thereafter of their intention to harvest Sector ACE ("**Active Members**") may harvest Sector ACE. Each Member's notice that such Member intends to harvest Sector ACE shall identify the vessels which will be used for such harvest. **Non-Active Members** shall not harvest Sector ACE, including without limitation, their own Harvest Share. No **Active Member**

shall harvest an amount of Sector ACE in excess of their Harvest Share. Harvest of each **Active Member's** Harvest Share shall be subject to all NMFS and other management regulations generally applicable to the Sector's ACE (including but not limited to seasonal apportionments and area harvest restrictions) on a discreet, individual basis; i.e., no greater percentage of each Member's Harvest Share may be harvested in any season or area than the percentage of the related Sector ACE allocation permitted to be harvested in such season or area. The Manager may impose and enforce additional restrictions on each **Active Member's** harvest of Sector ACE authorized by this Agreement or adopted by the Board.

7.2.1. Non-Active Members. The Members acknowledge that **Active Members** are assuming certain costs and risks associated with harvesting the Sector's ACE on behalf of the **Non-Active Members**, and that the **Active Members** are making certain financial contributions to the Sector that are not made by **Non-Active Members**. Obligations assumed by **Active Members** that are not imposed on **Non-Active Members include**, but are not limited to payments of the initial Membership Fee, and paying Network and Sector fees in connection with landings of catch harvested under the Sector's ACE. In consideration for the **Active Members** assuming these costs, risks and fee obligations, each **Non-Active Member** shall:

A. Not fish in any ACE-accountable fisheries;

B. Participate only as a transferor with regards to transfer of such member's Harvest Share within the sector. However, a **Non-Active Member** may act as a transferee through an Inter-Sector transfer of ACE provided the transaction results in a net increase of this Sector's ACE.

C. Not have access to information on FishTrax, or other Sector specific tools, other than the information necessary to track the balance of such Member's Harvest Share, and specifically, shall not have access to Harvest Share Offers or Permit Offers posted on behalf of Members;

D. Not have the Rights of First Offer on Sector Harvest Share and the related Sector ACE extended to **Active Members**, which may be adopted or amended from time to time by the Board under Section 7.3, and shall not have a right of first refusal on Permits extended to **Active Members**, which may be adopted or amended from time to time by the Board under Section 15;

E. Pay Sector Operating Fees on the net amount of Sector ACE transferred out of the Sector by such Member, and pay the Network Fee on the net amount of Sector ACE transferred out of the NEFS Sectors by such Member.

7.3. Harvest Share Transfer. Subject to the terms and conditions of this Agreement, each Member may transfer some or all of such Member's Harvest Share to one or more **Active Member(s)** on such terms and conditions as the transferor Member and the transferee **Active Member(s)** may agree. No transfer of a Member's Harvest Share shall become effective until the Manager has received actual notice of such transfer. No Member may transfer any portion of such Member's Harvest Share, or interest in the Sector's ACE, to any person other than an **Active Member** unless the Board first authorizes such transfer in writing. Any such transfer shall be subject to such terms and conditions as the Board may adopt from time to time, including but not limited to establishment of procedures to implement a Right of First Offer (the "ROFO") that is extended to **Active Members** of the Sector**, Active Members** of other Northeast Fishery Sectors, and certain other parties in accordance with the terms and conditions established by the Board. Without limiting the foregoing, the Sector Board of Directors may condition, review, approve and restrict transfers of Harvest Shares to non-Members as it deems necessary to promote the harvest of the Sector's entire ACE allocation and ensure that the Sector's management and administrative costs can be recouped through reasonable Sector membership fees established by the Board.

7.4. Harvesting Rules and Fishing Plan. The Board may from time to time adopt such restrictions on harvest of the Sector's ACE as the Board deems necessary to ensure the Sector's compliance with Amendment 16 and related implementing regulations (such restrictions referred to hereafter as "Harvesting Rules"). The Harvesting Rules are set forth on **Exhibit A**. Each **Active Member** shall conduct their harvest of the Sector's ACE in strict compliance with the Harvesting Rules. Each Member shall exercise their best efforts to ensure such Member's Harvest Share is harvested in accordance with the Harvesting Rules. The Manager shall annually develop a Sector fishing plan that promotes harvest of the Sector's ACE in accordance with the Harvesting Rules and shall make the Fishing Plan available to Active Members prior to the commencement of the fishing season.

7.5. Re-direction of Effort. During FY 2017, NEFS XII vessels switched fishing efforts into the following fisheries:

- Fishery: Fluke Gear: Trawl

- Fishery: Squid Gear: Trawl

During the first quarter of FY 2018, NEFS XII vessels switched effort into the following fisheries:

- Fishery: Tuna: Gear: Rod and reel
- Fishery: American Lobster Gear: traps

During FY 2019 & FY 2020, NEFS XII anticipates **s**imilar redirection of effort to the fisheries listed above,

7.6. Sector Vessel Interactions with Allocated Species in Non-Amendment 16 Fisheries. NMFS will account for Member harvests of Allocated Species as harvests of the Sector's ACE, regardless of whether such harvests are made during directed groundfish fishing trips or during other fishing trips, unless the Allocated Species harvest is managed under another management plan or as a sub-component annual catch limit ("ACL") of Amendment 16 Allocated Species. Each **Active Member** shall report every fishing trip by such Member to the Manager prior to sailing, for determination whether the related Allocated Species harvest must be accounted for to NMFS as harvest of the Sector's ACE.

7.7. Consolidation and Redistribution of ACE: Scientific recommendations and Magnuson requirements will influence the level of consolidation that will continue to take place in the groundfish fishery. The Sector members intend to utilize sector management to mitigate excessive consolidation that may occur in the effort controlled system where overall management measures are based upon the weakest stocks. In FY 2018, 36% of the permits enrolled in the NEFS XII for FYs 2019 and 2020 are attached to vessels actively fishing for NE multispecies. For FYs 2019 and 2020, the NEFS XII sector has 19 permits currently enrolled. Of those permits 7 are anticipated to actively fish for NE multispecies in FYs 2019 and 2020. While these numbers may change, the NEFS XII sector expects that, compared to FY 2018, there would be no change from the consolidation that previously occurred among the members during FY 2018. The member permits that are not attached to active NE multispecies vessels in FYs 2019 and 2020 are the same permits that did not fish in FY 2018. In (**choose one:** all) cases, a member who owns multiple permits fished the ACE (or DAS if in the common pool) of all those permits on fewer hulls and will now continue to fish the ACE contributed by all those permits on fewer hulls, resulting in (**choose one:** no) additional consolidation.

8. Release of Catch Data. Pursuant to section 402(b)(1)(F) of the Magnuson-Stevens Fishery Conservation and Management Act, 16 U.S.C. §1881a(b)(1)(F), the undersigned hereby

authorizes the release to the Manager of XII Northeast Fishery Sector, Inc.; Program Director of Northeast Sector Service Network, and the FishTrax Programmer, of information that may be or is considered to be confidential or privileged by the Magnuson-Stevens Act or other federal law regarding the catch of various species of fish associated with the limited access Northeast multispecies permit with the Moratorium Right Identifiers (MRIs) enrolled in the sector submitted to the National Marine Fisheries Service that the undersigned has authority to access. This information includes data required to be submitted or collected by NMFS, including but not limited to days-at-sea allocation and usage, vessel trip reports, dealer reports, Northeast Fishery Observer Program data, information collected for conservation and management purposes, catch and landings history data, at-sea monitoring data, VMS information, and all other information associated with the vessel, MRI #, and/or permit records.

9. Catch Monitoring and Reporting. Each **Active Member** shall comply with all catch monitoring and reporting requirements established by the Manager**,** which may include but are not limited to maintaining and filing copies of accurate catch logs, carrying fishery observers, installing and operating electronic vessel and catch monitoring equipment, delivering fish only at pre-approved landing stations at pre-approved times, and completing and filing accurate delivery reports on a timely basis. Without limiting the foregoing, each **Active Member** shall submit on a timely basis all catch information as required by and necessary for the Manager to complete and file the Sector's weekly reports. Each **Active Member's** harvest of Sector ACE shall be calculated and tabulated in accordance with the catch accounting measures established by NMFS with respect to the Sector's ACE. Absent manifest error, the catch and delivery information produced by the Manager shall be presumed accurate, and absent manifest error, each Member's obligations under this Agreement and all related documents may be enforced to their fullest extent on the basis of such information.

10. Breach and Remedies for Breach. The benefits associated with Sector membership will only accrue to the Members if each of them strictly complies with this Agreement. Each Member will make significant operational and financial commitments based on this Agreement, and any Member's failure to fulfill any of its obligations under this Agreement could have significant adverse consequences for some or all other Members. Any failure by a Member to fulfill any of its obligations under this Agreement shall constitute a breach of this Agreement. Each Member shall be bound by the procedures set forth in this Section for determining whether a Member has breached this Agreement. The Sector shall be entitled to the remedies set forth in this Section if a Member is determined by the

Sector to have breached this Agreement. Each Member shall take all actions and execute all documents the Manager deems necessary or convenient to give effect to the provisions of this Section.

10.1. Liquidated Damages Schedule and Schedule Amendments. The loss, costs and damages which may be suffered or incurred by Members as the result of any Member harvesting Sector ACE in excess of the amount such Member is authorized to harvest under this Agreement, or otherwise breaching this Agreement, will be difficult to calculate. The loss, costs and damages the Members and the Sector could suffer as the result of a Member harvesting more Sector ACE than its Harvest Share, or otherwise breaching this Agreement, are likely to substantially exceed the market value of the excess harvest. Consequently, the Sector may impose and assess upon any breaching Member the liquidated damages amounts as established under Section 10.3, below.

10.2. Enforcement Committee. Not less than one hundred twenty (120) days prior to each annual Northeast multispecies groundfish season opening date (the "Season Opening Date"), the Manager shall call a meeting of the Board to appoint the Enforcement Committee for the upcoming year, and to address any other matters of Sector business properly before the Board. The Board shall meet for those purposes not less than ninety (90) days prior to the Season Opening Date, and at such meeting shall appoint an Enforcement Committee composed of five (5) persons. If the Board fails to do so, the Manager shall appoint the Enforcement Committee. The Enforcement Committee shall assist the Manager in setting and updating the liquidated damages amounts for breaches of this Agreement and shall hear and decide Members' appeals of the Manager's contract breach determinations and liquidated damages assessments.

10.3. Liquidated Damages Base Value and Multiplier Adoption. Not less than sixty (60) days prior to each annual Season Opening Date, the Manager shall establish the market value of an unprocessed pound of each Allocated Species (each such value being a "Base Value"), and transmit such Base Values to the Enforcement Committee. In establishing such Base Values, the Manager may take into account both the direct costs and the opportunity costs associated with an over-harvest of the relevant species. Not less than thirty (30) days prior to each annual Season Opening Date, the Enforcement Committee, in consultation with the Manager, shall adopt Base Values and Base Value multipliers, and the liquidated damages amounts for breaches of this Agreement other than over-harvest of a Member's Harvest Share, which shall be based on the Enforcement Committee's estimate of the losses that the Sector and its Members could be expected to suffer as a result of such breaches. Because the damages suffered by one or more other Sector Members as the result of a Member

harvesting an amount of Sector ACE in excess of its Harvest Share are likely to substantially exceed the market value of the excess harvest, the Base Value multipliers shall not be less than three (3). Upon the Enforcement Committee's adoption of Base Values and Base Value multipliers, such Base Values and Base Value multipliers will be the basis for calculation of damages for unreconciled Harvest Share overages. The Enforcement Committee may adjust Base Values, Base Value multipliers and liquidated damanges during the Fishing Year with approval by the Sectors Board of Directors. Any inseason adjustments will be communicated via email to all Members.

10.4. Liquidated Damages Calculation. The liquidated damages amount for each pound by which a Member's harvest of an Allocated Species exceeds such Member's Harvest Share for such species shall be the relevant Base Value, multiplied by the relevant liquidated damages multiplier. The liquidated damages amounts for breaches of this Agreement, other than over-harvest of a Member's Harvest Share shall be as provided on **Exhibit E**.

10.5. Notice to Vessel Masters; Assumption of Liability. Each vessel harvesting a Member's Harvest Share, or participating in a fishery that may require utilization of a Member's Harvest Share (i.e., non-exempt monkfish), will be under the day-to-day command of the vessel's master who will to a significant degree have control over whether the vessel is operated in compliance with this Agreement. Each Member shall ensure that the master(s) of the vessel(s) harvesting such Member's Harvest Share are aware of the terms and conditions of this Agreement governing the harvest of such Member's Harvest Share, including without limitation the Harvesting Rules, and shall have confirmed their agreement to abide by such terms in writing. Each Member assumes all liability under this Agreement arising out of or related to the actions of the master(s) operating such Member's vessel(s).

10.6. Liquidated Damages Security. The Board may require that a Member that has two (2) or more NMFS fishing regulation violations, or which has breached this Agreement or another sector's operations plan on two (2) or more occasions, post a bond or obtain a letter of credit securing such Member's payment and performance obligations under this Agreement in such amounts as the Board deems appropriate, or may require such Member to personally guaranty, and/or have other Members or third parties personally guaranty, such Member's payment and performance obligations under this Agreement.

10.7. Manager Action in Response to Apparent Breach. The Manager shall monitor the Members' compliance with the terms and conditions of this Agreement. If the Manager

becomes aware of an apparent breach of this Agreement by a Member, the Manager shall investigate the matter, and if the Manager concludes that a Member has breached this Agreement, the Manager shall notify such Member of the apparent breach and (if such breach is reasonably susceptible of cure) provide such Member with an opportunity to cure the breach. If such Member fails to demonstrate to the Manager, in the Manager's sole and absolute discretion, that no breach occurred, or to cure the breach within the time period directed by the Manager, taking into account the magnitude of the breach and the potential consequences of the breach for the Sector and the other Members, the Manager shall notify the Member in writing that the Manager is referring the alleged breach to the Enforcement Committee, and shall notify the Enforcement Committee in writing of the alleged breach and the proposed liquidated damages. Pursuant to Section 14, below, if during the investigation, notice and cure period described above, the Manager concludes it is necessary for the protection of the interests of the Sector and its Members, the Manager may issue a "Stop Fishing Order" to the Member in apparent breach, and if such Member fails to cause the vessels harvesting its Harvest Share to immediately stop fishing , the sector manager may take any action he/she deems necessary including without limitation, self-help or court action which may include the seeking of injunctive relief.

10.8. Member Appeals. A Member receiving notice of an alleged breach and proposed liquidated damages shall have five (5) days from the date that the Member receives the notice to request an appeal hearing before the Enforcement Committee. If a Member fails to request a hearing within such 5-day appeal period, the Member's right of appeal shall expire, the Member shall be deemed to have breached this Agreement in accordance with the Manager's determination, and the Member shall be obligated to pay the related liquidated damages. If a Member timely requests an appeal hearing, the Manager shall consult with the Enforcement Committee and schedule an Enforcement Committee meeting for that purpose. The Enforcement Committee shall make reasonable efforts to schedule the meeting at a time and place such that the Member requesting the appeal is able to attend, and shall provide the Member with at least thirty (30) days advance written notice of the time and place of the meeting. At such meeting, the Enforcement Committee shall provide the Manager with an opportunity to present evidence of the apparent breach, and shall provide the Member in apparent breach with a reasonable opportunity to rebut such evidence. Per Section 9, above, the catch and delivery data produced by the Manager shall be presumed accurate, and, absent manifest error, each Member's obligations under this Agreement and all related documents may be enforced to their fullest extent on the basis of such data. If the Enforcement Committee determines that a Member breached

this Agreement, the Sector shall have the right to collect from such Member the liquidated damages amount provided for such breach under this Agreement.

10.9. Voluntary Compliance. In connection with breaches of this Agreement for which a Member is liable to the Sector or other Sector Members for liquidated damages, the Sector shall provide the breaching Member fifteen (15) days prior notice of its intent to exercise its rights of collection, during which period the Member may propose an alternative method of compensating the Sector and other Sector Members for the damages suffered as the result of such Member's breach. The Enforcement Committee may approve or disapprove any alternative form of compensation in its sole discretion, provided that if the breach at issue is an overharvest of a Member's Harvest Share, there shall be no liquidated damages imposed if the Member in breach obtains sufficient Harvest Share from other Members to offset the overharvest, and tenders conclusive evidence to that effect to the Enforcement Committee. Such Member shall nevertheless remain liable for the costs and fees incurred by the Sector in connection with the alleged breach, and the Sector shall be entitled to collect such costs and fees if such Member fails to pay the same within ten (10) days of receiving the Sector's demand for payment.

10.10. Liquidated Damages Collection and Related Expenses. If a Member fails to resolve a breach of this Agreement through voluntary compliance measures approved by the Enforcement Committee and performed by such Member on a timely basis, the Member in breach shall pay the liquidated damages amount assessed by the Sector within ten (10) days of the end of the voluntary compliance period described in Section 10.9, above. Liquidated damages amounts not paid when due shall accrue interest at a rate of interest equal to the prime rate of interest announced by Bank of America, or such other bank as the Board may select from time to time, as of the last day of the voluntary compliance period plus twelve percent (12%). If a Member fails to pay the liquidated damages amount assessed by the Enforcement Committee with interest within thirty (30) days of the end of the voluntary compliance period described in Section 10.9, above, the Sector may pursue legal action to collect the liquidated damages. In addition, in connection with Member breaches resulting from an over-harvest of a Member's Harvest Share, the Sector (acting through the Enforcement Committee) may take possession of an amount of the Member in breach's Harvest Share for the overharvested species for the year in which the contract breach occurred and, if necessary, in subsequent years, in a total amount equal to three (3) times the amount of such over-harvest, provided that the amount of a Member's liability to the Sector for over-harvest shall be reduced proportionately

to the extent that the Sector does so. In addition to liquidated damages, the Sector shall be entitled to all fees, costs and expenses, including attorney's fees, actually incurred by the Sector in connection with any action to collect liquidated damages from a Member in breach of this Agreement, whether or not the Sector prevails in such action.

10.11. Consequential Damages for Gross Negligence or Willful Misconduct. In addition to the liquidated damages imposed under this Section 10, each Member shall be liable for consequential damages in connection with a breach of this Agreement resulting from the Member's gross negligence or willful misconduct. Each Active Member shall be liable for the consequential damages arising out of or related to the gross negligence or willful misconduct of the captain operating such Active Member's vessel(s).

10.12. Distribution of Damages. Where a Member's breach causes one or more other Members to harvest less than their Harvest Share, damages awarded to the Sector under this provision shall first be distributed *pro rata* among the Members whose harvest was reduced, with each Member receiving a fraction of such funds, the numerator of which is the amount by which such Member's catch was less than such Member's allocation or apportionment, and the denominator of which is the sum of the aggregate amount of by which all Members' allocations or apportionments were reduced as a result of the breach, up to the amount of loss suffered by each such Member as the result of the breach. Any damages awarded to the Sector in excess of those distributed to other Members under this Section, and any damages awarded in connection with a breach which does not cause any other Member's allocation or apportionment to be reduced, shall be retained by the Sector and applied to the costs of Sector operations.

11. Joint Liability and Indemnification. Each Member acknowledges that the Sector's Members may be held jointly liable for ACE overages, discarding of legal-sized fish and misreporting of catch landings or discards. Further, each Member acknowledges that should a hard total allowable catch ("TAC") allocated to the Sector be exceeded in a given fishing year, the Sector's allocation will be reduced by the overage in the following fishing year, and the Sector, each vessel participating in the Sector and each vessel operator and/or vessel owner participating in the Sector may be charged, as a result of said overages, jointly and severally for civil penalties and permit sanctions pursuant to 15 C.F.R. Part 904, and that if the Sector exceeds its TAC in more than one (1) fishing year, the Sector's ACE may be permanently reduced or the Sector's authorization to operate may be withdrawn.

In consideration of the foregoing, each Active Member agrees to indemnify, defend and hold the Sector and all other Members harmless from and against all liabilities, claims, fines, penalties and forfeitures of any nature whatsoever arising out of or related to any breach of this Agreement related to such Active Member's harvest of Sector ACE, and each Member agrees to indemnify, defend and hold the Sector and the other Members harmless from and against all liabilities, claims, fines, penalties and forfeitures of any nature whatsoever arising out of or related to such Member's breach of this Agreement. Each Member's indemnification obligation under this Section 11 is separate from and in addition to each Member's liquidated damages and consequential damages obligations under Section 10, above. Each Member authorizes the Board to require that a Member's obligations under this Section 11 be secured by a surety.

12. Membership Termination. No Member may terminate its membership in the Sector other than in accordance with this Section 12. A Member that has agreed to join the Sector prior to the Effective Date may withdraw from Sector membership prior to the Effective Date without penalty or prejudice. Thereafter, only a Member that is not in breach of this Agreement and that has no outstanding Sector performance or payment obligations may terminate its membership in the Sector, and may do so only in compliance with the terms and conditions of this Section 12. Notwithstanding the foregoing, the Board may terminate the membership of a Member in breach of its payment or performance obligations under this Agreement, as the Board deems appropriate in its sole discretion.

Subject to the provisions of this Section 12 regarding withdrawal prior to the Effective Date, above, a Member that is eligible to terminate such Member's Sector membership may do so only by providing written notice to that effect to all other Members on or before April 30, 2019 or such date as the Board may from time to time establish for that purpose (the "Termination Date") each fishing year. A Member that fails to provide such notice by the Termination Date shall be deemed to have automatically renewed its Sector membership for the following year, and all other Members shall be entitled to act in reliance on such renewal accordingly. If any Member provides a membership termination notice by the Termination Date, each of the other Members shall have ten (10) days from the date they receive such notice to terminate their membership as well, notwithstanding the Termination Date notice deadline. Termination of membership in the Sector shall be effective as of the final day of the current fishing year.

If a Member is in breach of this Agreement or has outstanding Sector payment or performance obligations as of the Termination Date, unless the Board takes action to terminate such Member's membership, such Member's membership shall be deemed renewed for the following year,

notwithstanding any notice of withdrawal such Member may give, and the Sector shall have the authority to file an application for a Sector allocation including such Member as a Member of the Sector. Each Member hereby grants the Sector a power-of-attorney, coupled with an interest, for such purposes, and authorizes each of the Sector's officers to take any and all actions and execute any and all documents necessary or convenient to give effect to this provision.

Termination of membership shall not relieve a person or entity of any obligations under this Agreement related to the period during which such person or entity was a Member, including but not limited to liquidated damages obligations for breach of this Agreement, consequential damages obligations for breaches resulting from acts of gross negligence or willful misconduct, or indemnification obligations related to such person or entity's actions as a Member.

13. Expulsion. A Member may be expelled from the Sector at any time for: (i) a knowing, willful breach of this Agreement; (ii) any alleged breach of this Agreement that is either not appealed pursuant to Section 10.8, or is upheld by the Enforcement Committee after being appealed, and which such Member fails to cure through voluntary compliance approved by the Enforcement Committee pursuant to Section 10.9, or by paying liquidated damages in accordance with Section 10.10; (iii) perpetrating a fishery regulation violation that exposes Sector Members to joint liability for such violation. A Member shall be immediately and automatically expelled from the Sector if such Member ceases to be eligible to participate in the Sector or if such Member engages in conduct that exposes the Sector or other Sector Members to antitrust or unfair trade practice liability. As of the date of expulsion, the expelled Member shall lose all rights to harvest any portion of the Sector's ACE unless the expelled Member is re-admitted. Expulsion shall not relieve a Member of the obligation to pay fees that were levied prior to the date of expulsion, or to pay liquidated damages and costs and fees related to an action or omission by the expelled Member that preceded the date of expulsion. The Sector shall notify NMFS immediately upon a Sector Member's expulsion; by electronic email, followed by posted mail.

14. Stop Fishing Order; Injunctive Relief. Sector members may be held jointly and severally liable if (a) a Sector exceeds its ACE, (b) a Sector member discards legal-sized fish, or (c) a Sector member misreports landings or discards. If a Sector exceeds its ACE in a given fishing year, the Sector's allocation may be reduced by the overage in the following fishing year, and the Sector, each vessel, and vessel operator and/or vessel owner participating in the Sector may be jointly and severally liable for civil penalties and permit sanctions pursuant to 15 C.F.R. Part 904 in connection with such

overage. In addition, if a Sector exceeds its ACE in more than one (1) fishing year, NMFS may permanently reduce the Sector's ACE or withdraw the Sector's authorization to operate.

The Sector will exceed its ACE only if one or more members overharvest their Harvest Share, as (subject to the provisions of Section 7.1, above) the Sector's ACE, less the Reserve, is fully distributed to the Members as their Harvest Shares. A Member's overharvest of its Harvest Share would be a breach of this Agreement for which a Member would be liable for damages. Because each incident of ACE overharvest would constitute a separate violation of the Amendment 16 regulations, and because each such incident would be treated as a prior violation by NMFS for purposes of determining appropriate fines, penalties and forfeitures in connection with a subsequent violation, the damages suffered by the Sector as a result of an overharvest by one or more Members that resulted in the Sector overharvesting its ACE would be consequential and irreparable.

In consideration of these circumstances, and in consideration for the Sector waiving its right to require each Member to obtain a security bond or pledge collateral to secure its obligation to the Sector to limit its harvest of Sector ACE to such Member's Harvest Share, which consideration each Member agrees it has received and is sufficient, the Members hereby agree as follows.

14.1. Issuance of Stop Fishing Order. The Sector, acting through the Manager, has the authority to issue to any Member that the Manager determines is in breach a Stop Fishing Order, and upon such issuance, such Member shall immediately cause all vessels harvesting its Harvest Share to cease doing so, and such Member shall not permit the vessels harvesting its Harvest Share to resume doing so unless and until the Manager rescinds the Stop Fishing Order. Each Member hereby releases the Sector, all other Members and the Manager from any and all liability of any nature whatsoever, including but not limited to both contractual and tort liability, for any direct or indirect, incidental or consequential losses or damages that a Member may suffer as a result of complying with a Stop Fishing Order.

14.2. Failure to Comply with Stop Fishing Order. If any vessel(s) harvesting a Members' Harvest Share does not immediately comply with a Stop Fishing Order in accordance with its terms, the Sector may exercise remedies of self help and take any and all other action as the Sector determines necessary to enforce the Stop Fishing Order and this Agreement, including injunctive relief. In seeking injunctive relief, the Sector Manager's burden of proof (if any) shall be satisfied by A.

(production of a copy of the Stop Fishing Order) and B. (evidence that the vessel continued to fish thereafter).

The Member shall be liable to the Sector for all losses, costs, damages, fees and expenses incurred by the Sector in connection with enforcement, including but not limited to, the costs of obtaining any bond the Sector may be required to post, whether or not the Sector prevails.

15. Permit Transfer/Sale. A Member may transfer a Permit to a party other than a Member, subject to a Right of First Refusal (the "ROFR"), which may be adopted or amended from time to time by the Board, in favor of **Active Members** of the Sector, **Active Members** of other Northeast Fishery Sectors, and certain other parties. No Member may transfer such Member's "LA MS" permit or "MRI" permit to a person who is not an **Active Member** unless such person assumes all of the transferring Member's obligations under this Agreement as of the effective date of such transfer. A person other than a Member who receives a Member's "LA MS" permit or "MRI" permit from a Member in accordance with this Section 15 (a "Transferee") shall only be eligible to participate in the Sector for the balance of the fishing year during which the transfer occurs, and thereafter may only remain a Sector Member if such Transferee applies for and is admitted to Sector membership in accordance with Section 2, above.

15.1. The Transferee shall be deemed a **Non-Active Member** of the Sector, with no rights to harvest any Sector ACE, including but not limited to the ACE allocated to the Sector in connection with the assets acquired under the Permit Offer. A Transferee wishing to acquire **Active Member** status during the fishing year in which the permit transfer occurred must submit a written request to the Board for consideration. The Board will have the authority to approve, conditionally approve or deny such request.

16. Release and Waiver of All Claims against Sector Manager; Indemnification and Hold Harmless. Each Member acknowledges that the effectiveness of this Agreement depends on the Manager exercising reasonable independent business judgment in good faith in reviewing and approving or disapproving Members' fishing plans, monitoring harvest of the Sector's ACE, and enforcing the terms and conditions of this Agreement. Each Member hereby waives and releases any and all claims against the Manager arising out of or relating to Manager's performance under this Agreement, other than those arising solely from the gross negligence or willful misconduct by the Manager, as conclusively determined by a court of final and competent jurisdiction. The Sector and the Members agree to jointly

and severally indemnify, defend and hold the Manager harmless from and against any third party claims, damages, fines, penalties and liabilities of any kind whatsoever asserted against the Manager in connection with the Manager's performance under this Agreement, other than those arising out of gross negligence or willful misconduct by the Manager.

17. Sector Membership Fees. At least thirty (30) days prior to the Effective Date, and at least thirty (30) days prior to each annual Termination Date thereafter, the Board shall notify the Members in writing of the amount of Sector membership fees that the Board has adopted for the upcoming year of Sector operations.

18. Binding Arbitration. Each Member and the Sector agree to exercise their best good faith commercially reasonable efforts to resolve any disputes arising under this Agreement through direct negotiations. Breaches of this Agreement which are not resolved through direct negotiation shall be submitted to binding arbitration upon the request of any party at interest. Any person nominated as an arbitrator hereunder by any person shall be a person of mature, sound and reasonable business judgment and experience and either have (a) held a federal fishing master license for at least ten (10) years, or (b) been an attorney at law practicing in the area of fisheries for at least ten (10) years.

The party's written request for arbitration shall include the name of the arbitrator selected by the party requesting arbitration. The respondent party shall have ten (10) days to provide written notice of the name of the arbitrator it has selected, if any. If the other party timely selects a second arbitrator, the two arbitrators will jointly select a third arbitrator within ten (10) days. If the other party does not timely select the second arbitrator, there shall be only the one arbitrator. The single arbitrator or the three (3) arbitrators so selected will schedule the arbitration hearing as soon as possible thereafter. Any arbitrator must have no material ties to the Sector or any Member. The decision of the arbitrator (or in the case of a three (3) arbitrator panel, the decision of the majority) will be final and binding. The arbitration will be conducted under the rules of (but not by) the American Arbitration Association. The parties will be entitled to limited discovery as determined by the arbitrator(s) in his, her or their sole discretion. All costs of arbitration shall be borne by the party requesting the same. Each party shall bear its own costs of preparation and presentation, unless, in the case of the Sector, the Board determines to assess such costs to the applicable Member, which costs shall be immediately due and payable. In no event will arbitration be available pursuant to this paragraph after the date when commencement of such legal or equitable proceedings based on such claim, dispute, or other matter in question would be barred by an applicable statute of limitations.

The final decision of the Arbitrators shall not be subject to review or appeal by any other person, including any court, with the exception of NMFS in its oversight role for the purposes of statutory and regulatory compliance and consistency. Any right to any such appeal is hereby irrevocably waived and relinquished. Such final decision shall bind the parties and shall not require any further action of enforcement or collection once docketed with the records of the Sector. In breach by any Member of performance thereof, the Manager may *sua* sponte and without any notice or hearing issues a Stop Fishing Order or an Order of Expulsion respecting such Member in breach.

The Sector shall, without limiting the foregoing rights and procedure, also have the right to enforce any decision against any Member in breach by an action for specific performance, declaratory relief, *lis pendens* or any other action in a court of law having jurisdiction of the parties, it being understood and agreed that the Federal court for the District of Massachusetts and the Massachusetts Superior Court for the County where the registered office of the Sector is located shall be deemed to have such jurisdiction

19. No Collective Marketing. The Members acknowledge that the Sector has not been formed or qualified as a collective marketing association. The Members therefore agree that nothing in this Agreement shall be construed as permitting or obligating Members to collaborate regarding the processing, marketing or sales of the product produced from catch harvested under their Harvest Shares. Each Member shall conduct all sales of such catch in competition with the other Members, and shall hold ex-vessel price information as confidential from other Members until such information becomes public or until such price information is six months old, unless and until the Sector is properly qualified under State and Federal law as a collective marketing association

20. Amendment and Incorporation by Reference. The Exhibits hereto and the collateral documents referred to herein are and shall all be as the same may be amended from time to time. Any amendments thereto or hereto which are approved by the Board shall, as a condition of further membership of any Member in the Sector be deemed without any requirement of acceptance, consent or execution by any such Member to have been adopted, ratified and confirmed by such Member.

EXHIBIT A: HARVESTING RULES FOR FY 2019 and FY 2020

The Members and the Participating Vessels of XII **Northeast Fishery Sector, Inc,** *agree to be legally bound to follow the Harvesting Rules for the Fishing Year 2019 (May 1, 2019 to April 30, 2020) & Fishing Year 2020 (May 1, 2020 to April 30, 2021) as described herein, in accordance with all provisions of the Sectors Operations Plans and Agreement (herein "Agreement"), notwithstanding those rules and regulations applicable to the common pool Multispecies vessels. Members and the Participating Vessels of NEFS* XII *will fish in primarily in the Gulf of Maine, Inshore Georges Bank, Offshore Georges Bank, Southern New England/Mid Atlantic (SNE/MA).*

1. **ANNUAL CATCH ENTITLEMENT:** The members agree that they will not collectively harvest more than the Sector ACE, as adjusted by transfers, for any allocated groundfish stocks. Furthermore, the members agree that once an annual ACE is reached no member will fish commercially with any fishing gear capable of catching any of the allocated groundfish stocks or other species managed under plan within the applicable area(s): except in those situations where a member is participating in an exempted fishery, or if a plan submitted by the Sector under §648.87(b)(2)(xiv) in this document has been approved by NMFS. The Sector members may resume fishing activities if additional ACE is secured through inter-sector ACE transfer. The Annual Catch Entitlement, allocated by NMFS to NEFS XII for FY 2019 is identified in the table below:

Stock	Sector ACE:
GB Cod	
GB Cod East	1243.2358
GB Cod West	17547.5833
GOM Cod	24562.9832
GB Haddock	
GB Haddock East	32230.6923
GB Haddock West	60037.1022
GOM Haddock	185702.7469
GB Yellowtail Flounder	2.2275
SNE/MA Yellowtail Flounder	7.425
CC/GOM Yellowtail Flounder	68734.5395
Plaice	16257.3115
Witch Flounder	10625.8013
GB Winter Flounder	5.5652
GOM Winter Flounder	**59231.7783**
SNE/MA Winter Flounder	2473.6884
Redfish	54671.9567
White Hake	16886.4139
Pollock	630328.6769

The Annual Catch Entitlement, allocated by NMFS to NEFS XII for FY 2020 will be identified in **Exhibit I** of this Agreement in accordance with NMFS guidance and schedule pertaining to bi-annual operation plan submission.

2. **QUOTA MANAGEMENT:** Sector vessels, the dealers to which they are delivering fish and monitors will use a PC based software for collecting data, reporting catch, landings and discards, and reporting catch area information for logbook and stock attribution purposes. The Sector will utilize a quota release program that sets forth overall sector quota (ACE) release targets by species and individual member Harvest Share targets as they relate to the Sector targets. Interim and annual targets will be considered in the development of the Sector's Fishing Plan. The Sector Manager will monitor the trajectories to interim and annual targets for the Sectors ACE's as well as for the individual members Harvest Shares. The Sector expects to utilize ACE Transfers to balance the Sector's ACE during the fishing year to prevent exceeding Sector ACE and to assist Members Harvest Share management.

3. **RESERVE:** For each stock held by the Sector, the quota release program will utilize an initial target trajectory that is not to exceed 90% of the current quota held by the Sector as adjusted by ACE transfers. The remaining 10**%** is the minimum aggregate total of the Reserve which will be set aside prior to Harvest Share distribution to Members. The Sector, through their Board, may modify the RESERVE holdback percentages for any or all stocks held by the Sector to prevent under or over harvest of the Sector's ACE. Specifications in this section for FY 2020 will be documented in **Exhibit I** in accordance with NMFS guidance and schedule pertaining to bi-annual operation plan submissions.

4. **SLOWING CATCH:** The quota release program will incorporate a list of thresholds for both Sector ACE and member Harvest Shares, for the purposes of alerting the Sector Manager and members. Thresholds to "Slow Catch", "Initiate Trading" and "Cease Fishing" will be incorporated into the Sector quota monitoring system. Members Harvest Shares are net from the Reserve. Therefore, Harvest Shares trajectories will be set to the Harvest Share. Once **95** % of any Sector ACE is attained, slowing mechanisms such as tiered landing limits that apply differential counting of quota or service fees to each tier in excess of agreed landing limits may be utilized. When such slowing mechanisms are triggered or at any time during the fishing year, the Board may direct the Sector Manager to seek additional ACE through an ACE transfer with other sectors.

5. **FULL RETENTION OF LEGAL SIZED FISH:** All legal sized fish of allocated stocks harvested during the fishing operations must be retained and counted against the Sector's ACE allocation, unless otherwise exempted.

6. **DAYS AT SEA:** Each participating permit and participating vessel will be allocated Days-At-Sea (DAS) by the Regional Administrator. Sector Member permits will not be subject to the DAS reduction in Amendment 16 for common pool vessels. Members will be required to use a DAS, as specified in

controlling FMPs, when conducting fishing operations that are not exempted from DAS usage, for example, when fishing under a monkfish DAS.

7. STOCK AREA DECLARATION: Prior to leaving port, sector vessels will declare one or more than one of the four Broad Stock Areas (BSA) as identified in Amendment 16 and relating implementing regulations.

7.1 Inshore Gulf of Maine Declaration: For the purpose of providing the Sector and its Manager with a greater understanding of the fishing patterns conducted by their members, the following reporting requirements have been crafted and adopted by the Sector in collaboration with all Northeast Groundfish Sectors in the region. These provisions afford Sectors an administrative tool to track fishing activity west of the 70:15. The implementation of the following requirements is conditioned on the adoption by all Northeast Groundfish Sectors in their FY 2019 & 2020 Operations Plans. In the event this provision is not adopted by all Northeast Groundfish Sectors the specifications below will not be implemented by this Sector.

7.1.1 For the purpose of Section 7.1 of the Harvesting Rules, the portion of BSA 1 west of 70:15 to the shoreline north to the Maine Coast and South to Cape Cod would be defined as **Inshore GOM.**

7.1.2 When an Observer/Monitor is onboard. The Sector Vessel may declare and fish in all Broad Stock Areas, including the portion of BSA 1 defined as the Inshore GOM defined in this section.

7.1.3 When an Observer/Monitor is NOT onboard:

A. If the Sector Vessels intends to fish West of the 70:15 in the area described in Section 7.1.1 of these Harvesting Rules as the Inshore GOM, at any time during a trip, the vessel must declare BSA 1 only and the Sector Vessel may not conduct any fishing activity outside of the area defined as BSA 1 for the entire trip.

B. If the vessel declares more than one Broad Stock Area on a trip, the vessel is prohibited from conducting fishing activity west of the 70:15 in the area described in Section 7.1.1 of **Exhibit A**: Harvesting Rules as the inshore GOM.

C. If the Member declares more than one BSA on the trip, the Member is prohibited from conducting fishing activity West of the 70:15 in the area described above as the Inshore GOM.

D. The member must indicate acknowledgement of this restriction by transmitting a Trip Start Hail, through their VMS unit or third party software, and check the "b. Inshore Gulf of Maine" from the list of Sector Ops Plan Provisions in the Trip Start Hail

7.1.4 XII, Northeast Fishery Sector Board of Directors reserves the righremove and/or modify this Inshore GOM Declaration provision at any time during the FY 2019 or FY2020 Fishing Years.

7.1.5 Continuation of H.R. §7.1 in FY 2020 will be documented accordingly in **Exhibit I**

8. **TRIP HAIL:** Sector vessels will comply with any Hail requirements established by the Sector and/or Agency.

8.1 **METHOD OF TRANSMISSION HAILS:** The sector vessels will be transmitting HAILS (Trip Start and Trip End) electronically via the email messaging component of their VMS units. All data necessary to the requirements will be sent in compressed formats to minimize characters and maximize message capacity directly to the Sector's Server which will collect, store, convert and relay all data elements necessary to meet various requirements. The Sector will relay required HAILS (Trip State and Trip End) to NMFS, immediately upon receipt. In the event that the primary system is unavailable, Sector Vessels will utilize a backup system, including but not limited to, direct cell phone or radio transmission between the vessel and NMFS OR a relay through the Sector Manager.

8.2 **TRIP START HAIL**: Prior to leaving port on a trip in which the catch of allocated stocks will count against the Sectors ACE i.e. a sector trip, each Active Vessel must notify their Sector Manager that the vessel is departing on a sector trip by completing a Trip Start Hail. The Trip Start Hail ("TSH") must include:

8.2.1 Operator's Permit Number
8.2.2 Vessel Trip Report (VTR) serial number
8.2.3 Whether an Observer (NEFOP) or At-Sea Monitor (ASM) is onboard
8.2.4 Usage of specific sector exemptions which require identification in the TSH
8.2.5 Usage of specific sector plan provisions which require identification in the TSH
8.2.6 Landing Port City
8.2.7 Landing State (abbreviation)
8.2.8 Estimated time and date of arrival in port
8.2.9 Estimated time and date of offloading (required **only** for trips less than 6 hours in duration **or** if fishing within 6 hours of the offload port)
8.2.10 Any comments as directed by the Sector Manager or NMFS Regional Administrator

8.3 **TSH FOR TRIPS LESS THAN SIX HOURS OR OCCURRING WITHIN SIX HOURS OF PORT:** For trips less than six hours in length or occurring within six hours of port, the estimated time of arrival to port, offload location and estimated offload time will be provided in the Trip Start Hail (TSH). The Trip End Hail (TEH) will be sent upon completion of the last tow with required updated information. An alternative timing for the TEH may be implemented during FY 2019 or 2020 if agreed upon by the Sector, and NMFS.

8.4 **TSH FOR TRIPS LESS THAN SIX HOURS OR OCCURRING WITHIN SIX HOURS OF PORT:** For trips less than six hours in length or occurring within six hours of port, the estimated time of arrival to port, offload location and estimated offload time will be provided in the Trip Start Hail (TSH). The Trip End Hail (TEH) will be sent upon completion of the last tow with

required updated information. An alternative timing for the TEH may be implemented during FY 2019 or 2020 if agreed upon by the Sector, and NMFS.

8.5 **TRIP END HAIL**: The trip-end hail report must be submitted at least 6 hours in advance of landing for all trips at least 6 hours in duration or occurring more than 6 hours from port. For shorter trips, the trip-end hail reports must be submitted within sufficient in consultation with NMFS Office of Law Enforcement. An alternative timing for the trip end hail may be implemented during FY 2019 or 2020 if agreed upon by the sector, the monitoring provider, and NMFS. The trip end hail must include the following:

8.5.1 Operator's Permit Number
8.5.2 Vessel Trip Report (VTR) serial number
8.5.3 First landing port city
8.5.4 First landing State (abbreviation)
8.5.5 Dealer/Offload Location
8.5.6 Estimated time and date of arrival
8.5.7 Estimated time and date of offload
8.5.8 Second offload port city
8.5.9 Second offload State (Abbreviation)
8.5.10 Total Groundfish Kept in pounds
8.5.11 Total non-Groundfish kept in pounds
8.5.12 Any comments as directed by the Sector Manager or NMFS Regional Administrator

9. VESSELS FISHING MULTIPLE STOCK AREAS: If a vessel declares into multiple stock areas the vessel will complete a catch report each time the vessel changes areas.

10. FISHING IN US/CA AREAS: When fishing in the US/CA area, a sector vessel that fishes in more than one US/CA area or more than one of the four stock areas will complete a catch report each time the vessel changes areas. Sector vessels will track their Eastern US/CA sub-ACE for Cod and Haddock separately while fishing in the Eastern Area. Sector vessels may fish in all US/CA areas as well as Open areas in the same trip. In addition to VMS declaration requirements, the vessel will declare the stock areas (of the Four A16 reporting areas) intended to be fished prior to starting a trip.

11. CLOSED AREAS: Participating vessels may fish in closed areas to the extent authorized by NMFS.

12. CATCH REPORTS: All Active Member vessels fishing groundfish will be required to submit complete catch records to the Sector Manager electronically via VMS email or other electronic means prior to entering port to end a trip. Catch reports will include, at a minimum, all data elements of a fully compliant VTR logbook record/s. The Sector Manager may modify, at his/her discretion, the frequency of reporting transmissions to meet programmatic needs, such as, but not limited to,

participation in a SAP, or internal quota management requirements. In the event a Member vessel is unable to submit his catch records electronically, the Member, will have no more than twenty-four (24) hours to provide such reports to the Sector Manager, upon completion of vessel offload.

13. <u>VESSEL LOGBOOKS (VTRs/e-VTR):</u> All sector members will comply with applicable reporting requirements including submission of Vessel Trip Reports (VTRs). If Electronic Vessel Trip Reports (e-VTRs) are approved by the Regional Administrator, Sector Members will submit e-VTRs in the format required by NERO. Sector Members will execute all documents necessary to meet legal requirements for the purpose of facilitating e-VTR service.

14. <u>WEEKLY/DAILY REPORTS</u>: The Sector Manager, or his/her designated representative, will submit weekly or daily Sector Reports of all landings and discards by sector vessels, to NMFS. The Sector will submit required reports, using the format and procedures prescribed by NMFS. The reports required by NMFS are the *Sector Manager ACE Status Report, Sector Manager Detailed Report, and Sector Manager Trip Issue Report* as codified in §648.87(b)(1)(vi)(B). Specifically, the *Sector Manager Detailed Report* provides information down to the sub-trip level about each sector trip for a given week, regardless of completeness of the data. The information includes stock, gear, mesh categories, landing amounts, discards and total catch. The *Sector Manager Trip Issue Report* provides information about the sector trips for a given week that have enforcement or other issues. The *Trip Issue Report* allows the sector to briefly describe to NMFS any enforcement or reporting compliance issues, violations of the Sectors operations plan and regulation, and general problems with monitoring or sector operations during the reporting period. One *Trip Issue Report* is submitted per reporting period. The *Sector Manager ACE Status Report* documents the ACE status calculations, which allows NMFS to cross check totals as stipulated in Amendment 16. In the event that the Sector triggers daily reporting for a specific allocated stock, the *Sector Manager Daily ACE Status will* provide the mean for a sector manager to report their Sectors ACE status calculations on a daily basis if the "trigger point" i.e. thresholds specified in 14.1 have been reached during the current Fishing Year. These reports are cumulative in nature from the start of the fishing year until the current reporting week and are adjusted retroactively as data becomes available or issues documented in JIRA are resolved. JIRA is an issue tracking application implemented by NMFS, which should be used to report all data quality issues to the appropriate people for research and correction process.

14.1 **<u>REPORTING THRESHOLDS THAT TRIGGER DAILY REPORTING</u>**: The reporting frequency for the sector manager's ACE Status Report will be increased to daily when 90% of any of the sector's ACEs is reached. The Sector Manager, or a designated representative, must notify NMFS immediately by email if the threshold that triggers daily reporting has been reached. During the period when a sector has reached or exceeded 90% of any of its ACEs, daily ACE Status and Detailed Reports must be submitted only on a day when a member

vessel lands, or when the sector engages in an ACE transfer of a stock that is exceeding the 90% threshold.

An alternative threshold for triggering daily reporting may be implemented during FY 2019 or FY 2020 if agreed upon by the sector and NMFS.

14.2 **ENFORCEMENT ISSUES:** The Members acknowledge that the Sector Manager ***must*** include any enforcement or reporting compliance issues, including violations of Operations Plan (excluding those sections identified as administrative provisions in this document as identified in **Exhibit F**); violations of regulations, or general problems with monitoring or sectors operations in their *Trip Issue Report* which is submitted to NMFS weekly.

15. ANNUAL REPORT: Within sixty (60) days of the end of the fishing year the Sector Manager will submit an annual report to NMFS that summarizes: fishing activities of Members, including harvest levels of all species by sector vessels (landings and discards by gear types); enforcement actions; and any other relevant information required to evaluate the performance of the Sector. The actual date of submission will be specified by NMFS, which has been previously based in part on completeness of various data sets including but not limited to final reconciliation of ACE usage and availability of final fishing year data generated by NMFS. In addition, the Annual Report will report the number of sector vessels that fished for regulated groundfish and their permit numbers (when such disclosure does not violate protection of confidentiality); number of vessels that fished for other species; method used to estimate discards; landing port used by sector vessels while landing groundfish; and any other additional information requested by the Regional Administrator for inclusion in the Annual Report. The Sector will submit required reports using the format and procedures prescribed by NMFS.

16. STOCK ATTRIBUTION: The Sector Manager will utilize landings information from each trip and apply logbook area information to calculate stock attribution ratios for all applicable species.

17. DISCARD RATES AND IN-SEASON DISCARD ESTIMATES: The Sector manager (or his/her designated representative) will derive stock specific discards for each trip. If the trip is observed by either an at-sea monitor or a Northeast Fisheries Observer Program (NEFOP) observer, discards will be derived based on data collected during that trip and will account for all hauls (observed and unobserved) on that trip. If the trip is not observed, discards will be derived using the NMFS-provided discard rate resulting from the NMFS method to estimate 'in-season' discard rates, which may not include data from research trips or sector trips using certain exemptions.

18. RESERVED FOR FUTURE USE:

19. <u>DATA MANAGEMENT</u>: The sector vessels will be transmitting catch data electronically via the email messaging component of their VMS units. All data necessary for sector ACE management, including all elements of VTR logbook and daily / weekly reporting requirements will be sent in compressed formats to minimize characters and maximize message capacity. Notwithstanding reporting requirements that cannot be altered by a sectors operations plan, the **<u>Sector's server</u>** will be capable of collecting, storing, converting and relay all data elements necessary to meet all reporting requirements in the formats required by the recipients

The Sector, acting through its Manager, will maintain database(s) of vessel trip reports (VTR), dealer, At-Sea (ASM), and NEFOP Observer reports. In addition, the Sector will maintain any other database it determines necessary for its operations. NMFS will maintain a NEFOP/ASM database and will provide the Sector with data from NEFOP and the ASM program.

20. <u>PROOF OF SECTOR MEMBERSHIP</u>: Upon approval of the Sector, each sector vessel will be issued a Letter of Authorization ("LOA"), which will specify the exemptions that have been approved for the Sector. Each Member agrees that its sector vessels ***<u>must</u>*** comply with all requirements stipulated in the LOA and all applicable federal regulations and laws not specifically exempted in the LOA.

Furthermore, Member agrees that its sector vessels shall maintain the LOA, and a copy of the Sector Agreement and Harvesting Rules on-board at all times while fishing on a 'sector-trip'.

21. <u>SECTOR SPECIFIC EXEMPTIONS</u>: As referenced in §4.0 of this Agreement all Sectors are granted the following **Universal Exemptions**.

- Exemption from groundfish DAS requirements, including DAS reductions, differential groundfish DAS counting, the 3/15 rule for gillnets, and 24-hour DAS counting.
- Exemption from trip limits on stocks for which a sector receives an allocation, except for the following:
    - Halibut: Trip limit would continue to be one fish per trip
    - No vessel, whether in the Common Pool or in any sector, would be allowed to possess any windowpane flounder (both stocks), ocean pout, or wolffish on board at any time. When caught, these species must be discarded.
- Exemption from additional mortality controls adopted by Amendment 16, including additional seasonal or year-round closures, gear requirements, DAS reductions, differential DAS counting, and/or restricted gear areas.
- The Gulf of Maine Cod Protection Closures IV and V.
- Exemption from the requirement to use 6.5-inch mesh in the codend in haddock separator trawl/Ruhle trawl when targeting haddock in the Georges Bank Regulated Mesh Area to use 6-inch mesh in the codend.

- Exemption from all or a portion of ASM coverage if the vessel is fishing with extra-large mesh gillnets (10-inch or greater mesh) exclusively in Inshore GB or SNE.

In addition to the Universal Exemptions granted to all Sectors, as referenced above and in §4.0 of this Agreement, **Members agree to abide by the following obligations as specified and authorized in their LOA, in order to utilize these Sector Specific Exemptions. Furthermore, Members acknowledge that specific details pertaining to certain exemptions are located in <u>Exhibit B</u> as required by NMFS**:

21.1 120-Day Block Requirement Out of the Fishery for Day Gillnet Vessels:
21.2 20 Day Spawning Block:
21.3 Day gillnrt limit outside of the Gulf of Maine:
21.4 Prohibition on a vessel hauling another vessel's gillnet gear
21.5 Limits on the number of gillnets that may be hauled on Georges Bank when fishing under a groundfish/monkfish day-at-sea :
21.6 Limits on the number of hooks that may be fished:
21.7 DAS Leasing Program Length and Horsepower Restrictions
21.8 Prohibition on Discarding
21.9 Gear requirements in the Eastern U.S./Canada Area
21.10 Prohibition on a Vessel hauling another vessels hook gear
21.11 Requirement to declare intent to fish in the Eastern US/CA SAP and CA II YT/Haddock SAP from the dock
21.12 Seasonal Restrictions for the Eastern US/CA Haddock SAP
21.13 Seasonal Restrictions for the CA II YT/Haddock SAP

21.14 Minimum codend mesh size for directed redfish trips*
21.15 Prohibition on Combining Small Mesh Exempted Fishery & Sector Trips. *
21.16 Requirement to Fish Exclusively with 10-inch, or larger, mesh gillnets when Targeting Dogfish or Groundfish Trips Excluded from ASM.*
21.17 Exemption from VMS Requirement for Handdgear A vessels fishing in a single BSA*
21.18 Exemption from the Day Gillnet Limit in the Gulf of Maine.*

22. <u>MONITORING</u>. The Sector is proposing their preferred At-Sea Monitoring (ASM) Program for consideration by NMFS in Exhibit J Section 1. . It is the Sectors hope that the Agency will work collaboratively with the Sector over the fall and winter to resolve any and all concerns the Agency may have with this program. In the event that the Sectors designed ASM program is not approved by NMFS the Sector will use the NMFS designed ASM Program as documented in **<u>Exhibit J Section 2</u>**..

Where appropriate, documentation of fulfillment of this criterion for FY 2020 will be located in **Exhibit I** of this Agreement and will be furnished by the Sector in accordance with NMFS guidance and schedule pertaining to bi-annual operation plan submission.

22.1 **USE OF MONITORING SERVICES**. The Members acknowledge that for the Sector to function efficiently, it is essential that the Active Members conduct their fishing operations such that at-sea monitoring service costs are kept as low as commercially practical amount. The Active Members therefore agree to provide accurate landing time projections, to make landings expeditiously, and to choose landing locations based in part on the efficiency and responsiveness of the buyer receiving catch harvested under the Sector's ACE. Active Members who fail to comply with the provision of this Section may be assessed the excess cost of monitoring resulting from their failure to do so. Furthermore, the Sector BOD may opt from time to time to modify provisions such as authorized landing ports in order to ensure that the cost associated with these required programs do not become cost prohibitive.

22.2 **COVERAGE RATES**: NEFS XII will deploy at-sea monitors in a way to achieve coverage of 31% of trips that is random and representative of the fishing activities of the sector. **The coverage rate for FY 2019 has not been specified by NMFS at the time of this submission**. A monitored trip must be a sector trip, including those taken in which a NE multispecies day-at-sea is used to target other species such as monkfish or skates, unless exempted by NMFS.

22.3 **ADDITIONAL COVERAGE:** In addition to ensuring that the coverage rates specified by NMFS are meet by the ASM program the Sector may from time to time opt to have additional coverage in order to fully utilize specific approved exemptions or to address specific needs of the Sector.

22.4 **AT-SEA MONITORING PROVIDER:** The Sector will contract with one or more of the companies approved by NMFS to provide At-Sea Monitoring and will notify NMFS of its selection no later than May 1, 2019 via electronic mail or written mail. If a vendor in which the Sector has a contractual arrangement with is decertified during the fishing year, the Sector will negotiate a new contractual arrangement with another certified vendor(s) and notify NMFS of these new agreements.

23. AT SEA MONITORING PROGRAM GOALS AND OBJECTIVES: The Sector acknowledges that they have been informed that the current goals and objectives of At-Sea Monitoring ("ASM") as codified by NMFS in 50 C.F.R 648.11(1) are:

Goal	Objectives
Improving Documentation of Catch	• Determine total catch and effort (for all sectors and the common pool) as accurately as possible. Leads to better understanding of how well the target or regulated species are faring. • Determine how much observer coverage is needed in order to minimize effects of potential "monitoring bias." • Maintain monitoring program flexibility in order to improve fleet viability.
Reducing Monitoring Costs	• Streamline data management operations and eliminate redundancies. • Explore options for cost-sharing with and deferment of cost to industry • Recognize the opportunity costs of insufficient monitoring.
Reducing Discards	• Determine discard rate by using the smallest possible strata while simultaneously maintaining cost-effectiveness. • Collect information by gear type in order to accurately calculate discard rates.
Getting More Data Sources to Better Assess Stocks	• Reduce management and/or biological uncertainty. • Perform biological sampling. That is, perform sampling if it can be used to improve the accuracy of mortality or recruitment calculations.
Improving Safety of Monitoring Program	• Improve the safety of the ASM program as necessary.
Performing Periodic Review Of Monitoring Program to Assess Effectiveness	• Periodically review the performance of the ASM program to ensure it is meeting these goals and objectives.

24. <u>SECTOR AT-SEA MONITORING PROGRAM:</u> The Sector plans on working collaboratively with certified At-Sea Monitoring Provider(s) ("Provider") to ensure that implementation of the at-sea monitoring program adheres to applicable NMFS requirements, as well as any internal needs that the Sector deems necessary. Specific details of the Sector's proposed At-Sea Monitoring Program are located in **<u>Exhibit J Section 1.</u>**

24.1 In the event the Sectors proposed ASM Program is denied by NMFS the Sector will used the NOAA Fisheries designed ASM program as specified in **<u>Exhibit J Section 2</u>**..

25. <u>RESERVED FOR FUTURE USE:</u>

26. <u>OFFLOADING PORTS</u>: The following list represents those ports where sector vessels are authorized to offload. Additionally, sector vessels are authorized to land fish to trucks within these same locations.

Primary Port(s) of Landing	Secondary Port(s) of Landing

Massachusetts: Scituate Rhode Island: Point Judith	Massachusetts: Gloucester, Menemsha, Boston

27. <u>SAFE HARBOR PROTOCOL</u>: To promote safety at sea, the Sector sets forth the following protocol for variance from the landing ports listed. If for reasons beyond a vessel operators control such as severe weather, mechanical failures, compromised hull integrity, instances of pump failures and danger of sinking, crew injury or life threatening illness and any other emergency situations that may arise, a sector vessel may enter a port other than those listed as "Landing Ports" to ensure the safety of the vessel and its crew. In the event that a Sector Vessel must utilize this safe harbor protocol, they must notify their Manager and NMFS OLE of when and where they had to seek safe harbor within 6 hours of this entering the port.

28. <u>SECTOR UNDERSTANDING AND ACKNOWLEDGMENTS</u>: Sector Members understand and acknowledge that the following provisions have been interpreted by NMFS as applicable to all operating sectors. Sector Members acknowledge this applicability and where appropriate utilize these universal interpretations within their sector management and operations:

28.1 **<u>INTRA-SECTOR DAYS AT SEA (DAS) LEASING</u>:** Days at Sea may be leased intra-sector (between members) within the guidelines and procedures contained in the FMP and as amended by Amendment 16. The Sector would accept any future relief in the length and horsepower constraints of the program that may be authorized by the RA in the future.

28.2 **<u>INTER-SECTOR DAYS AT SEA (DAS) LEASING</u>**: Members who wish to lease Days-at-Sea (DAS) outside of the Sector are authorized under this provision to do so, only with Members of other Sectors whom are similarly exempt. Members acknowledge that such DAS leasing would not be exempted from existing length and horsepower constraints as currently contained in applicable regulations.

28.3 **<u>PAPER VTR</u>**: Members acknowledge that they are bound to all applicable reporting requirements. Sector vessels shall continue using paper VTRs for FY 2019 & 2020, as required by regulations. However, electronic vessel trip reporting (e-VTR) systems for transmission and submission of required VTR reports have been authorized by the Regional Administrator using a phased implementation process. The Sector and its Members may utilize e-VTR in accordance with the phased implementation process.

28.4 **<u>ADDITIONAL EXEMPTIONS</u>**: Members note that NMFS is generating one Environmental Assessment for all sectors seeking authorization for Fishing Year 2019 & 2020, and that NMFS communication has stated that if an exemption is approved for one Sector, all other authorized Sectors can be similarly approved for that specific exemption based on the

terms and conditions of the originally requesting sector. In light of this understanding, NEFS XII will request authorization for such exemptions it deems beneficial for its operations, prior to the publication of the final authorizing rule.

28.4.1 Furthermore, NMFS has indicated that Sectors will be afforded the opportunity to request additional exemptions for the 2nd year of operations i.e. FY 2020 in accordance with a supplemental schedule to be established by NMFS.

29. <u>MODIFICATION OF HARVESTING RULES</u>: Members acknowledge that from time to time, the Sector Manager in collaboration with Board of Directors, and at times Membership, may adopt additional requirements or restrictions on the internal reporting requirements or fishing activities of all members in order to ensure effective utilization and management of the Sector's ACE. These modifications may include, but are not limited to, additional notification of planned fishing activity to the Manager, additional internal reporting requirements, gear requirements, and restrictions on locations where fishing may occur during specific times of the year or with specific gear. When such modifications are implemented, all Members will be notified in writing.

Exhibit B: Additional Details Regarding Specific Approved Sector Exemptions

Minimum codend mesh size for directed redfish trips

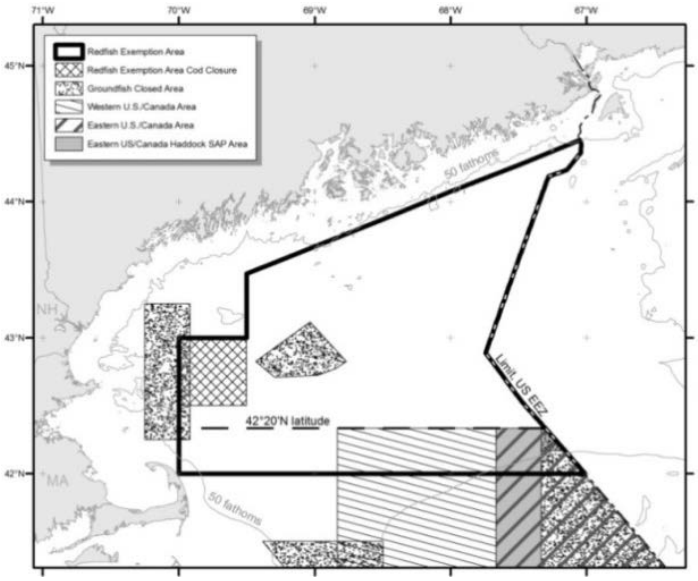
This exemption allows a sector vessel to fish for Acadian redfish in the designated Redfish Exemption Area, described below, using nets with codend mesh no smaller than 5.5 inches. When fishing inside the Redfish Exemption Area all other restrictions applicable to trawl nets still apply. In order to use this exemption, a vessel must strictly adhere to the following conditions and restrictions:

1. The vessel must declare its trip in PTNS under standard requirements, there is no additional at-sea monitoring coverage required above the target coverage level for the sectors (i.e., ~15% in fishing year 2018).

2. Prior to leaving the dock, the vessel must declare its intent to use the redfish exemption on the trip through the VMS trip start hail by checking the box "Redfish Trip" under sector exemptions.

3. The vessel must submit a Multispecies Catch Report through its VMS system, each day for the **entire trip**, including Parts 1 and 2 of the trip as described below, even if the vessel has declared the exemption, but does not target redfish. The vessel must submit Multispecies Catch Reports through VMS in 24-hr intervals for each day of the fishing trip. The report must be submitted by 0900 hr (9:00 a.m.) on the date following the date the fish were caught. The report must provide a good faith estimate of the amount each regulated species caught on each day of the trip.

4. In accordance with the restriction stated herein, the vessel may use a codend with 5.5-inch mesh and greater within the Redfish Exemption Area. The northern boundary ensures that the exemption is used in deeper water (i.e., greater than 50 fathoms). Vessels cannot use the exemption in the "cod closure" (block 131) during February and March.



The Redfish Exemption Area is bounded on the east by the U.S.-Canada Maritime Boundary, and bounded on the north, west, and south by the following coordinates, connected by straight lines in the order listed:

Point	N. Lat.	W. Long.
A	44°27.25'	67°02.75'
B	44°16.25'	67°30.00'
C	44°04.50'	68°00.00'
D	43°52.25'	68°30.00'
E	43°40.25'	69°00.00'
F	43°28.25'	69°30.00'
G	43°00.00'	69°30.00'
H	43°00.00'	70°00.00'
I	42°00.00'	70°00.00'
J	42°00.00'	67°00.63'[1]

[1]The intersection of 42°00' N. latitude and the U.S.-Canada Maritime Boundary, approximate longitude in parentheses.

Due to concerns about GOM cod, block 131 is closed for February and March. The area is bounded on the east, north, west, and south by the following coordinates, connected by straight lines in the order listed:

Point	N. Lat.	W. Long.
G	43°00.00'	69°30.00'
H	43°00.00'	70°00.00'
K	42°30.00'	70°00.00'
L	42°30.00'	69°30.00'
G	43°00.00'	69°30.00'

5. During a Redfish Exemption Trip, any codend that is only authorized on a Redfish Exemption Trip must be stowed below deck and can only be retrieved after completing the requirements identified in paragraph 8 below.

<u>Part 1 of Redfish Exemption Trip</u>

6. When a vessel declares a “Redfish Trip” via VMS, it may fish outside the Redfish Exemption Area during Part 1 of the Redfish Exemption Trip in accordance with otherwise applicable regulations and sector exemptions. However, fishing outside of the Redfish Exemption Area first is optional. A vessel may choose to immediately transit to the Redfish Exemption Area and begin fishing.

7. Any catch thresholds do not apply for Part 1 of the trip.

<u>Part 2 of Redfish Exemption Trip: Switching Codends</u>

8. When the vessel plans to target redfish, it must travel to the Redfish Exemption Area. Once the vessel is in the Redfish Exemption Area, immediately before switching codends, it must send a Multispecies Catch Report via VMS. This report is in addition to the daily Multispecies Catch Reports that are required when utilizing this exemption. The Multispecies Catch Report a vessel must send before switching codends must provide a good faith estimate of all fish caught by the vessel that day between 12:01 AM and the time of the report, and must fill out Step 5 indicating that it intends to use the exemption immediately after sending the report. After the vessel is in the Redfish Exemption Area and submits the required catch report, it may retrieve the 5.5-inch mesh codend from below deck and begin using it. The vessel may use a 5.5-inch mesh codend (or greater) for the remainder of the trip in Redfish Exemption Area.

9. Once a vessel sends the Multispecies Catch Report via VMS indicating that it is switching to the smaller mesh codend (Step 5), it is prohibited from fishing outside the Redfish Exemption Area.

10. The vessel must submit a final Multispecies Catch Report, in addition to other required Multispecies Catch Reports, and a Trip End Hail via VMS once it stops fishing and begins its return to port.

Summary Of All Redfish Exemption Trip Reporting Requirements

1. Submit a trip start hail declaring a redfish trip
2. Submit VTRs when switching chart area, gear, and/or mesh size.
3. Submit daily catch reports of all kept fish by 9 AM the following day.
4. Send a catch report of all kept fish since 12:01 AM of that day, with Step 5 completed.
5. Submit a final catch report and Trip End Hail at the end of the trip.

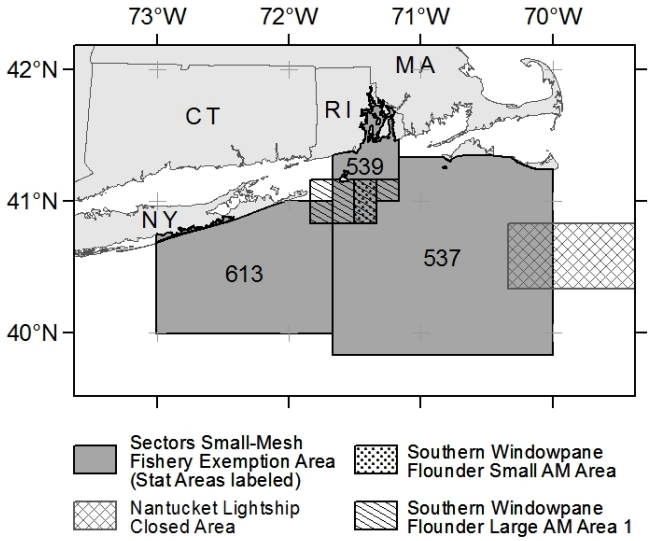
Monitoring Catch Thresholds

For all trips declaring the redfish exemption and targeting redfish under Part 2 of the trip, at least 50% of the total groundfish kept must be redfish. For observed trips (NEFOP/ASM) declaring the redfish exemption and targeting redfish under Part 2 of the trip, total groundfish discards (including redfish) may not exceed 5% of all kept fish. If after at least one month, it is determined that the sector is not meeting one of these two thresholds, NMFS will notify the sector and be given 30 days to modify fishing behavior in order to meet both thresholds. NMFS retains the authority to rescind the exemption if either threshold is not being met.

Prohibition on combining small-mesh exempted fishery and sector trips

The exemption applies to sector trips only and is intended to allow a vessel to catch small-mesh species after targeting groundfish. Under this exemption, a sector vessel must fish with trawl nets that meet current regulatory requirements and sector exemptions during the first part of the trip, but may switch to modified small-mesh gear for the second portion of the trip. The small-mesh portion of the trip must be fished in the Sector Small-Mesh Fishery Exemption Area, described below, and must use the modified small-mesh gear described below. A vessel may land whiting, longfin squid, mackerel, herring and other species permitted for retention in small-mesh exempted fisheries, provided the vessel still meets the

requirements of those fisheries. For more information on small-mesh fishery exemptions and permitted species see: https://www.greateratlantic.fisheries.noaa.gov/regs/infodocs/small_mesh_exemption.pdf. Vessels may not fish the small-mesh portion of their trip using this exemption in Southern Windowpane Accountability Measure Areas, where they overlap with the exemption area.



As shown above, the Sector Small-Mesh Fishery Exemption Area is comprised of Statistical Areas 537, 539, and 613, and is defined as the waters bounded by the following points, connected in the order listed by rhumb lines, except where otherwise noted:

POINT	W LONGITUDE	N LATITUDE	NOTE
A	70° 00'	41° 14.45'	(1)
B	70° 00'	39° 50'	
C	71° 40'	39° 50'	
D	71° 40'	40° 00'	
E	73° 00'	40° 00'	
F	73° 00'	40° 44.9'	(2)(3)
G	72° 1.8'	41° 00'	(3)(4)
H	71° 40'	41° 00'	
I	71° 40'	41° 21'	(5)(6)
J	71° 10'	41° 28.3'	(6)(7)
K	71° 10'	41° 20'	
L	70° 49.5'	41° 20'	(8)(9)
M	70° 26.96'	41° 21.05'	(9)(10)
N	70° 18.82'	41° 20.14'	(11)(12)
O	70° 18.30'	41° 19.76'	(12)(13)
P	70° 16.65'	41° 18.73'	(14)(15)
Q	70° 15.31'	41° 17.32'	(15)(16)
R	70° 14'	41° 17'	(17)(18)
A	70° 00'	41° 14.45'	(18)(1)

(1) Point A represents the intersection of 70°00'W longitude and the south coast of Nantucket, MA
(2) Point F represents the intersection of 73°00'W longitude and the south coast of mainland Long Island, NY
(3) From Point F to Point G along the south coast of mainland Long Island, New York (inclusive of bays)
(4) Point G represents the intersection of 41°00'N latitude and the southeast coast of Long Island, NY
(5) Point I represents the intersection of 71°40'W longitude and the coast of Rhode Island
(6) From Point I to J along the coast of Rhode Island, inclusive of Narraganset Bay
(7) Point J represents the intersection of 71°10'W longitude and the coast of Rhode Island
(8) Point L represents the intersection of 41°20'N latitude and the west coast of Martha's Vineyard, MA
(9) From Point L to Point M along the south coast of Martha's Vineyard
(10) Point M represents Wasque Point, Martha's Vineyard, MA
(11) Point N represents the west coast of Muskeget Island, Nantucket, MA
(12) From Point N to Point O along the southwest coast of Muskeget Island, Nantucket, MA
(13) Point O represents the south coast of Muskeget Island, Nantucket, MA
(14) Point P represents the northwest coast of Tuckernuck Island, Nantucket, MA
(15) From Point P to Point Q along the southwest coast of Tuckernuck Island, Nantucket, MA
(16) Point Q represents Smith Point on the southwest coast of Tuckernuck Island, Nantucket, MA
(17) Point R represents Esther Island, Nantucket, MA
(18) From Point R back to Point A along the south coast of Nantucket, MA

The modified small mesh gear must contain either:

- A drop chain sweep with a minimum drop of 12 inches (30.48 cm) in length, with a 24-inch headrope setback; or
- a large mesh belly panel with a minimum mesh size of 32 inches (81.28 cm), with the meshes hung on the half (a hanging ratio of 2:1); or
- an excluder grate secured forward of the codend with an outlet hole forward of the grate with bar spacing of no more than 1.97 inches (5.00 cm) wide.

In order to use this exemption, the following additional conditions and restrictions apply:

1. Prior to leaving the dock, the vessel must declare a small-mesh trip through the VMS trip start hail by checking the box next to “Other Exemption (when directed by NMFS)” under sector exemptions.
2. A vessel declaring this exemption must render its small-mesh gear not available for immediate use, as defined by 50 C.F.R. § 648.2, when using large-mesh gear during the first portion of the trip.
3. Upon completing the large-mesh portion of the trip, the vessel must submit a Multispecies Catch Report via VMS with a good faith estimate of all catch on board and indicate that it intends to fish with smaller mesh (i.e. with Step 5 completed).
4. The date-time stamp of the Multispecies Catch Report indicates to Enforcement that the vessel is <u>now</u> in the second portion of the trip and is prohibited from redeploying its large-mesh gear.
5. Following submission of the Multispecies Catch Report, the vessel may deploy its modified small mesh gear in the areas described above and is prohibited from fishing outside of the small mesh exemption area. All other applicable regulations apply to this portion of the trip.

6. No fishing may occur under this exemption in areas overlapping the Southern Windowpane Flounder Accountability Measure Areas, regardless of whether or not accountability measures have been triggered.
7. The vessel must comply with the remaining requirements of a sector trip, including the submission of VTRs, a trip end hail, and a final Multispecies Catch Report.
8. A vessel fishing with this exemption must retain and land all legal-sized groundfish on both the regulated mesh and small-mesh portions of the trip.

Requirement to Fish Exclusively with 10-inch, or Larger, mesh gillnets to Target Dogfish on Groundfish Trips Excluded from At-Sea Monitoring (ASM) Coverage

Sector trips fishing with extra-large mesh gillnets (10 inches or greater) exclusively in the Southern New England/Mid-Atlantic and Inshore GB Broad Stock Areas are not subject to ASM. This exemption allows a sector vessel on these non-ASM sector groundfish trips to also target dogfish using 6.5-inch mesh gillnet gear within the footprint and season of either the Nantucket Shoals Dogfish Exemption Area (June 1 through October 15), the Eastern Area of the Cape Cod Spiny Dogfish Exemption Area (June 1 through December 31), or the Southern New England Dogfish Gillnet Exemption Area (May 1 through October 31). The vessel must submit a vessel trip report (VTR) to document catch on the extra-large mesh portion of the trip, and a separate VTR for the portion of the trip in which the vessel deploys 6.5-inch mesh gillnet gear within the footprint and season of the existing dogfish exempted areas. The following requirements apply:

In order to use this exemption, the following additional conditions and restrictions apply:

1. The vessel must declare its trip into the Pre-Trip Notification System consistent with current requirements.

2. The vessel must declare its trip in the Vessel Monitoring System (VMS) consistent with current requirements, including the intention to use gillnet gear and fish entirely within the SNE/MA and/or Inshore GB BSAs.

3. Prior to leaving the dock, the vessel must also send a Multispecies Trip Start Hail through the VMS and check the box next to “Extra Large Mesh Gillnet in SNE and/or IGB option” under sector exemptions.

4. The vessel may only fish with gillnets with meshes that are 10 inches or greater during the first portion of the trip, and must complete a VTR for that portion of the trip before deploying 6.5 inch mesh gillnet gear.

5. Upon completing the extra-large mesh portion of the trip, the vessel must submit a Multispecies Catch Report via VMS with a good faith estimate of all catch on board and with Step 5 completed.

6. The date-time stamp of the Multispecies Catch Report indicates to Enforcement that the vessel is <u>now</u> in the second portion of the trip and is prohibited from redeploying its large-mesh gear.

7. Following submission of the Multispecies Catch Report, the vessel may deploy 6.5-inch mesh gillnet gear exclusively within the footprint and season of the existing dogfish exempted areas (listed above).

8. The vessel must comply with the remaining requirements of a sector trip, including the submission of VTRs, a trip end hail, and a final Multispecies Catch Report.

9. A vessel fishing with this exemption must retain and land all legal-sized groundfish on both the extra-large mesh and regulated mesh portions of the trip.

VMS requirement for Handgear A vessels fishing in a single broad stock area (BSA)

All vessels on a sector trip must carry an operational VMS unit. This exemption allows Handgear A permitted vessels to fish in a single BSA on a sector trip without carrying a VMS. This exemption does not waive requirements to carry or report using a VMS unit when fishing in multiple BSA's, in the U.S/Canada Management Areas, or under any other requirements associated with using other sector exemptions or participating in Special Access Programs.

In order to use this exemption, the following conditions and restrictions apply:

1. The vessel must declare its trip into the Pre-Trip Notification System at least 48 hours before sailing, and carry an observer or at-sea monitor (ASM) if selected, consistent with current requirements.

2. The vessel must declare a trip start, prior to sailing, using the Interactive Voice System (IVR).

3. Upon completion of fishing, or at the earliest opportunity prior to returning to port, the vessel must declare a trip end using IVR. The vessel may not land regulated species prior to declaring its trip end in IVR.

4. Prior to landing the vessel must complete (and if possible submit) a Vessel Trip Report (VTR).

Day gillnet limit in the Gulf of Maine

Day gillnet vessels may fish above the limit of 100 gillnets [specified in § 648.80 (a)(3)(iv)(B)(2)], up to 150 nets total. Any nets above the existing 100-net limit must have a minimum mesh size of 10.0 inches (25.4 cm) and must be fished east of 70 degrees West longitude. Vessels are limited to no more than 50 roundfish gillnets. Vessels must comply with the net tagging requirements at § 648.80(a)(3)(iv)(B)(4), which requires roundfish gillnets to be tagged with two tags per net, while flatfish gillnets may be marked with one tag per net; all gillnets fished must be tagged..

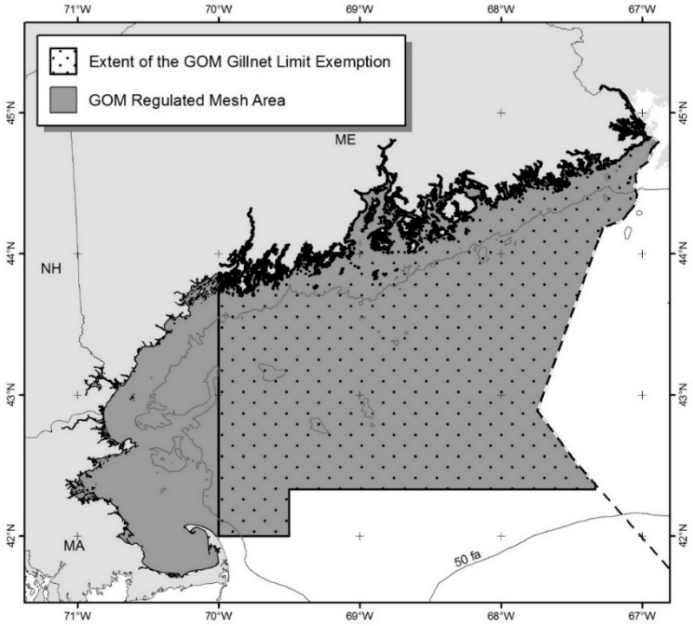

Extent of the GOM Gillnet Limit Exemption
GOM Regulated Mesh Area
ME
NH
MA
50 fa
71°W
70°W
69°W
68°W
67°W
45°N
44°N
43°N
42°N

Exhibit C: Sector Membership Fishing Year 2019 (May 1, 2019 to April 30, 2020)

SECTOR MEMBERS: The following table identifies The NEFS XII Members:

PER_NUM	Permit Holder
214901	OCEAN HARVEST INC.
230228	KEVIN SHEA
151790	OCEAN HARVEST INC.
240033	PHILIP M LYNCH
150948	PHILIP M. LYNCH
149951	MOTOR VESSEL YANKEE ROSE INC
250468	RONALD GUSTAFSON
150538	THOMAS BELL
149951	BOAT KATHLEEN A MIRARCHI INC
232093	ROBERT ROCHE
250541	THOMAS BELL
241633	CRAIG KEEFE
125520	TIMOTHY CALDWELL
125743	AMES FISHERIES INC
152126	THOMAS BELL
250525	PHILIP LYNCH
251005	PHILIP LYNCH
128572	MOTOR VESSEL YANKEE ROSE INC
152126	THOMAS BELL

ACTIVE MEMBERS: The following table identifies the Vessels that are authorized to harvest Sector ACE:

Permit Holder	VES_NAME
KEVIN SHEA	ENDEAVOR
PHILIP M LYNCH	PAULA LYN
PHILIP M. LYNCH	KATHY ELIZABETH
MOTOR VESSEL YANKEE ROSE INC	MISS EMILY
RONALD GUSTAFSON	CHERYL ANN
THOMAS BELL	FIVE GIRLS
ROBERT ROCHE	SARAH C
THOMAS BELL	MICHAEL BRANDON
TIMOTHY CALDWELL	C W GRISWOLD
AMES FISHERIES INC	BRENNA ASHLEY
RONALD GUSTAFSON	GABRIELLA ROSE

PHILIP LYNCH	MARY ELIZABETH
PHILIP LYNCH	PAULA LYN
MOTOR VESSEL YANKEE ROSE INC	SILVER ROSE
THOMAS BELL	Ashley G

EXHIBIT D: Sector Member and Vessel Permits Amendment 16 Disclosure Requirements Fishing Year 2019 (May 1, 2019 to April 30, 2020)

Sector Members have enrolled all eligible Limited Access Multispecies Permits into a Sector.

Additional Information on federal permits associated with Sector Vessels and Sector Members:

Permit Holder	American Lobster	AMERICAN LOBSTER TRAP	Atlantic Mackerel	Black Sea Bass	Blue Fish	Herring	Monkfish	NE Multispecies	Ocean Quahog	Red Crab	Scallop	Scup	Skate	Spiny Dogfish	Squid/Butterfish	Summer Flounder	Surf Clam	Tilefish	Atlantic Tunas	Swordfish	Shark
OCEAN HARVEST INC.								HOOK GEAR (CPH)													
KEVIN SHEA																					
OCEAN HARVEST INC.		AREA2/ OUTER CAPE (CPH)						INDIV. DAS (CPH)													
PHILIP M LYNCH							CPH	CPH													
PHILIP M. LYNCH	CPH		CPH (TIER 3)				CPH	CPH			CPH (LAGC/ NGOM										

Permit Holder	American Lobster	AMERICAN LOBSTER TRAP	Atlantic Mackerel	Black Sea Bass	Blue Fish	Herring	Monkfish	NE Multispecies	Ocean Quahog	Red Crab	Scallop	Scup	Skate	Spiny Dogfish	Squid/Butterfish	Summer Flounder	Surf Clam	Tilefish	Atlantic Tunas	Swordfish	Shark
											)										
Permit Holder	American Lobster	AMERICAN LOBSTER TRAP	Atlantic Mackerel	Black Sea Bass	Blue Fish	Herring	Monkfish	NE Multispecies	Ocean Quahog	Red Crab	Scallop	Scup	Skate	Spiny Dogfish	Squid/Butterfish	Summer Flounder	Surf Clam	Tilefish	Atlantic Tunas	Swordfish	Shark
OCEAN HARVEST INC.								HOOK GEAR (CPH)													
KEVIN SHEA																					
OCEAN HARVEST INC.		AREA2/ OUTER CAPE (CPH)						INDIV. DAS (CPH)													
PHILIP M LYNCH							CPH	CPH													
PHILIP M. LYNCH	CPH		CPH (TIER				CPH	CPH			CPH (LAGC/ NG										

Permit Holder	American Lobster	AMERICAN LOBSTER TRAP	Atlantic Mackerel	Black Sea Bass	Blue Fish	Herring	Monkfish	NE Multispecies	Ocean Quahog	Red Crab	Scallop	Scup	Skate	Spiny Dogfish	Squid/Butterfish	Summer Flounder	Surf Clam	Tilefish	Atlantic Tunas	Swordfish	Shark
			3)								OM)										

Additional Information on state permits associated with Sector Vessels and Sector Members:

Permit Holder	DOGFISH	FLUKE	FED. REPORTING VESSEL	LOBSTER	SCUP	SEA BASS	SEA SCALLOP SHUCKING	STRIPED BASS	SURFACE GILLNET	GILLNET	CAPSQUID	SEA HERRING	SHELLFISH	MENHADEN	NORTHERN SHRIMP	SEA URCHIN DIVER	SEA URCHIN DREDGE	INSHORE NET	SWGROUNDFISH	PAPER REPORTING	RIMULTS
OCEAN HARVEST INC.																					RI
KEVIN SHEA	MA	MA	MA		MA	MA		MA					MA								
OCEAN HARVEST INC.																					
PHILIP M LYNCH	MA		MA				MA														
PHILIP M. LYNCH		MA			MA	MA	MA						MA		MA	MA	MA				
PHILIP		M			M	M	M						M		M	M	M				

Permit Holder	DOGFISH	FLUKE	FED. REPORTING VESSEL	LOBSTER	SCUP	SEA BASS	SEA SCALLOP SHUCKING	STRIPED BASS	SURFACE GILLNET	GILLNET	CAPSQUID	SEA HERRING	SHELLFISH	MENHADEN	NORTHERN SHRIMP	SEA URCHIN DIVER	SEA URCHIN DREDGE	INSHORE NET	SW GROUNDFISH	PAPER REPORTING	RIMULTS
M. LYNCH		A			A	A	A						A		A	A	A				
MOTOR VESSEL YANKEE ROSE INC	MA	MA	MA		MA	MA	MA														
RONALD GUSTAFSON	MA	MA	MA		MA	MA	MA				MA	MA	MA								
THOMAS BELL			MA					MA	MA												
BOAT KATHLEEN A MIRARCHI INC																					
ROBERT ROCHE	MA	MA		MA						MA			MA	MA				MA	MA	MA	
THOMAS BELL	MA	MA	MA					MA	MA	MA											
CRAIG R. KEEFE																					
TIMOTHY CALDWELL																					
AMES FISHERIES INC	MA	MA	MA	MA		MA	MA	MA					MA								
TIMOTHY M CALDWELL																					
PHILIP LYNCH	MA	MA	MA		MA	MA	MA	MA			MA		MA	MA	MA	MA	MA				
PHILIP LYNCH	MA		MA				MA						MA								

Permit Holder	DOGFISH	FLUKE	FED. REPORTING VESSEL	LOBSTER	SCUP	SEA BASS	SEA SCALLOP SHUCKING	STRIPED BASS	SURFACE GILLNET	GILLNET	CAPSQUID	SEA HERRING	SHELLFISH	MENHADEN	NORTHERN SHRIMP	SEA URCHIN DIVER	SEA URCHIN DREDGE	INSHORE NET	SW GROUNDFISH	PAPER REPORTING	RIMULTS
MOTOR VESSEL YANKEE ROSE INC	MA																				
THOMAS BELL	MA		MA					MA													

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EXHIBIT E: Penalty Schedule

NEFS XII Penalty Schedule			
VIOLATION REGARDING REPORTING, DOCUMENTATION REQUIREMENTS:			
VIOLATION	**FIRST OFFENSE**	**SECOND OFFENSE**	**THIRD OFFENSE**
All violations including but not limited to: providing false statements or supporting documentation on applications or reports to the Sector; late reporting or non-reporting; unreasonable interference with onboard data collectors; failing to participate in Sector Catch Monitoring Programs; (technical and minor violations may result in a letter of warning).	Written Warning **or** up to $5000.00	Written Warning **and** up to $7,500.00.	Written Warning **and** up to $10,000.00 **and/or** stop fishing order.
VIOLATION REGARDING EXEMPTION PERMIT REQUIREMENTS			
All violations including but not limited to: failure to comply with a permit condition/restriction/letter of authorization issued to Sector Vessels by the Regional Administrator; or failure to comply with VMS/DAS requirements. (Technical and minor violations may result in a letter of warning).	Written Warning **or** up to $10,000.00	Written Warning or up to $10,000.00	Written Warning **and** up to $100,000.00 **and/or** stop fishing order.
VIOLATION REGARDING TIME/AREA/GEAR RESTRICTIONS			
All violations including but not limited to: exemption areas, closed fisheries, closed season, restricted gear/management areas. (Technical and minor violations may result in a letter of warning).	Written Warning **or** up to $5,000	Written Warning **or up to** $20,000.00	Written Warning **and** up to $100,000.00 **and/or** expulsion.
VIOLATIONS THAT PLACE THE SECTOR AGREEMENT AT RISK			
All violations including but not limited to a violation of a stop fishing order, fishing in a closed area, transfer of fish from non-sector vessel to a sector vessel, transfer of fish from sector vessel to a non-sector vessel; subverting the reporting requirements or any other action so egregious that it would severely jeopardize the Sectors existing and future authorization(s).	Written Warning **and** up to $5,000	Stop fishing order **or** Expulsion.	Expulsion.
VIOLATIONS REGARDING THE SECTOR'S AT-SEA MONITORING PROGRAM			
NOTE: AN INDIVIDUAL MEMBER FOUND TO HAVE COMMITTED AN ASM VIOLATION, WILL CONTINUE TO HAVE ANY PENALTIES AS IDENTIFIED BELOW ASSOCIATED WITH SAID ASM VIOLATIONS APPLIED IRREGARDLESS OF WHETHER OT NOT SOME OR ALL OF THE			

SECTORS ASM COSTS ARE COVERED BY NMFS.			
All violations including but not limited to a violation by a Member/Vessel that fails to comply with the ASM cancellation policy established by the Sector with the ASM Provider(s); subverting vessel selection with No Call/No Show Activity; ASM refusal.	Written Warning and payment of any associated costs.	Written Warning and Double the payment of any associated costs.	Stop Fishing for up to one month and associated costs.
All violations including by not limited to: unreasonable interference with onboard data collectors (NEFOP, ASM); failing to participate in Sector Catch Monitoring Programs (note: technical and minor violations associated with sector catch monitoring programs may result in a letter of warning)	Written Warning and payment of any associated costs. The Captain and the Owner must meet with Enforcement Board to discuss said violation.	Written final warning. Double the payment of any associated costs. The Captain and the Owaner must meet with the Enforcement Board to discuss said violation.	Stop Fishing Order for the Vessel for one month.
All violations associated with failure to pay ASM fee in a timely manner as invoiced by the Sector.	Written request for payment from the Board of Directors.	Written request for payment from the Enforcement Board and a 5% surcharge will be added to the total owed.	Confiscate sufficient quota from the member to cover outstanding balance including any surcharges.

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Exhibit F: Administrative Provisions Addendum:

Notwithstanding regulatory authority granted in other regulations the following provisions represent those sections of **NEFS** XII Agreement and related Exhibits & Addendums that are Administrative in nature and therefore not subject to enforcement by the National Marine Fisheries Service, as required to be specified by sector regulations 50 CFR 648.87(b)(2)(x).

SECTOR OPERATIONS PLAN AND AGREEMENT

1. Sector Name.

2. Sector Eligibility and Membership.

4. Sector Allocation and Exemptions.

5. Distribution of Sector ACE.

6. Sector Manager and Registered Agent.

6.1 Communication with Sector.

7. Consolidation Plan.

7.1 Harvest Share Reserve.

7.2 Harvest Share Use. Section 7.2 is administrative except to the extent that it applies to the Sector managers ability to impose and utilize legal means to recover Liquated damages as authorized in section §10.10 of this agreement, in which case NMFS enforcement procedures may apply.

7.2.1 Non-Active Members. Section 7.2.1 is administrative except to the extent that it applies to the Sector managers' ability to impose and utilize legal means to recover damages as authorized in section §10.10 of this agreement, in which case NMFS enforcement procedures may apply.

7.3 Harvest Share Transfer.

7.4 Harvesting Rules and Fishing Plan. Section 7.4 is administrative except to the extent that it applies to Harvesting Rules Sections 1, 5, 6, 8, 11, 16, and 17, which are enforceable and therefore not considered administrative under this section. This section is also administrative

except to the extent that it applies to Harvesting Rules Section 7 Stock Area Declaration. Sub-Section 7.1 is administrative in nature.

7.5 Re-direction of Effort.

7.6 Sector Vessel Interactions with Allocated Species in Non-Amendment 16 Fisheries.

7.7 Consolidation and Redistribution of ACE:

8. Release of Catch Data.

9. Catch Monitoring and Reporting. Section 9 is administrative except to the extent that it applies to Harvesting Rules Sections 13, 14, and 15, which are enforceable and therefore not considered administrative under this section.

10. Breach and Remedies for Breach.

10.1 Liquidated Damages Schedule and Schedule Amendments.

10.2 Enforcement Committee.

10.3 Liquidated Damages Base Value and Multiplier Adoption.

10.4 Liquidated Damages Calculation.

10.5 Notice to Vessel Masters; Assumption of Liability.

10.6 Liquidated Damages Security.

10.7 Manager Action in Response to Apparent Breach.

10.8 Member Appeals.

10.9 Voluntary Compliance.

10.11 Consequential Damages for Gross Negligence or Willful Misconduct.

10.12 Distribution of Damages.

11. Joint Liability and Indemnification.

12. Membership Termination

15. Permit Transfer/Sale.

16. Release and Waiver of All Claims against Sector Manager; Indemnification and Hold Harmless.

17. Sector Membership Fees.

18. Binding Arbitration.

19. No Collective Marketing.

20. Amendment and Incorporation by Reference.

EXHIBIT A - HARVESTING RULES

2. QUOTA MANAGEMENT:

3. RESERVE:

4. SLOWING CATCH:

7.1 INSHORE GULF OF MAINE DECLARATION

12. CATCH REPORTS:

18. RESERVED FOR FUTURE USE:

19. DATA MANAGEMENT:

22. MONITORING: In the event that ASM is funded by NMFS, any additional coverage funded by the Sector, above that which is funded and managed by NMFS, will be administrative, except in those specific situations where NMFS enforcement would apply.

22.1 USE OF MONITORING SERVICES:

22.3 ADDITIONAL COVERAGE

23. AT SEA MONITORING PROGRAM GOALS AND OBJECTIVES

25. RESERVED FOR FUTURE USE

27: SAFE HARBOR PROTOCOL:

28. SECTOR UNDERSTANDING AND ACKNOWLEDGEMENTS

29: MODIFICATION OF HARVESTING RULES

Exhibit C – Sector Roster, as it relates to identification of Active Vessels is administrative

Exhibit D – Additional Permit Information is administrative

Exhibit E – Penalty Schedule is administrative.

Exhibit F – Administrative Addendum is administrative

Exhibit G - Explanatory Addendum is administrative

Exhibit H – Contact Info is administrative

Exhibit G: EXPLANATORY ADDENDUM

Per request by NMFS this **explanatory text** is being provided to identify in one location Right of First Offer ("ROFO") and Right of First Refusal ("ROFR"). ROFO and ROFR are two separate and distinct provisions that deal with harvest share transfers and permit sales, respectively; it is inaccurate to construe them as meaning the same thing. Nothing within this explanatory addendum should be considered as part of the Sector governing documents which the Members have agreed to follow, all questions regarding these provisions should be directed to their respective sections in the governing documents:

§ 7.3 Harvest Share Transfers: Right of First Offer i.e. ROFO will be used for intra and inter sector harvest share transfers.

§ 15 Permit Transfer/Sale: Right of First Refusal i.e. ROFR will be used for permit sales or transfers.

Exhibit H: INFORMATIONAL ADDENDUM

Per request by NMFS the table below identifies specific points of contacts and their responsibilities, which the Agency may utilize to determine appropriate communication stream for inquiries.

Sector Communications Contacts					Mailing Address			
Name	**Title**	**Responsibility**	**Email**	**Phone**	**Street 1**	**City**	**State**	**Zip**
Paula Lynch	Manager	• Day-to-Day Sector Operations • Reporting i.e. vessel reporting requirements involving sector trips. • Sector Specific Outreach Sector Specific Research; • Fishing Vessel specific research is vessel specific, contact vessel	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Elizabeth Etrie	Program Director, Northeast Sector Service Network	Data Management i.e. questions regarding software systems utilized by Sector for Weekly Report Computation	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Jackie Odell	Executive Director, Northeast Seafood Coalition	Policy	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Owner of F/V	Owner of F/V	Sector Specific Research; Fishing Vessel specific research is vessel specific, contact vessel						

EXHIBIT I: FY 2020 (MAY 1, -APRIL 30, 2021) Operations Plan Updates

[To be completed in accordance with NMFS schedule for year two, FY 2020 (May 1, 2020 – April 30, 2021) of the Sectors Bi-Annual Operations Plan and Agreement]

Exhibit J: ASM Provisions

1. **SECTOR AT-SEA MONITORING PROGRAM:** The Sector plans on working collaboratively with certified At-Sea Monitoring Provider(s) ("Provider") to ensure that implementation of the at-sea monitoring program adheres to applicable NMFS requirements, as well as any internal needs that the Sector deems necessary. Specific details of the Sector's proposed At-Sea Monitoring Program are located below.

1.1 **RANDOMIZED SELECTION OF COVERAGE PROCESS**: The Sector will use the PTNS system developed by NMFS for ASM selection per NMFS mandate.

1.2 **DATA COLLECTION & AT-SEA MONITORS:** The Service Provider must ensure that all At-Sea Monitors are trained and equipped in accordance with NEFSC/NMFS standards. At-Sea Monitors ("ASM") primary responsibility is to collect accurate actual weights on the discard portion of the catch, as well as accounting for all catch (kept and discarded) on each tow/haul. Data collected by the ASM will be used to quantify the discards that occur on that trip. This data will also be used to estimate the discards that occur by sector vessel trips that were not selected to take an ASM. The ASM will be responsible for describing various aspects of the gear(s) and recording the catch compensation and corresponding weights on a haul by haul basis. The specific data fields to be observed and methods used to collect the data are detailed in the training and published in an At-Sea Monitoring Manual by NMFS. Any additional data collection requests or procedures not directly related to the purpose of this program i.e. catch verification and discard information must be agreed upon by the Sector and the Provider(s) prior to implementation. All data must be reported electronically in a standard acceptable form from the At-Sea Monitor to the Sector and NMFS within 48 hours of completion of the trip. The Sector notes that for FY 2019, NMFS via the NEFSC will be reviewing data submitted by ASM for quality assurance and will be computing and producing both the assumed discard rates and observed discard data for the Sector to use in its reports as accessible on SIMMs. In addition to the specific data fields and data collection methods specified by the NMFS at-Sea Monitoring Manual and training; the Sector may from time to time working with their contracted Service Provider request additional data be collected. This data if collected will be transmitted to the Sector within 48 hours upon completion of the trip in a manner agreed upon between the Sector and their Service Provider.

1.3 **VESSEL OPERATIONS**:

1.3.1 **PRE-TRIP NOTIFICATION**: Sector Vessels will continue to comply with the 48 hour pre-trip notification System (PTNS) for deployment of NEFOP Observers. Acceptable notification methods are internet, phone or email. The Sector's identified ASM Provider(s) shall be provided with a full list of all pre-trip notifications

1.4 **AT-SEA MONITOR SELECTION PROCESS:** A determination will be made after completing a Pre-Trip Notification whether the trip in question has been preliminarily selected for a NEFOP Observer or ASM Monitor

1.4.1 NOTIFICATION OF SELECTION/WAIVER FROM ASM:

A. Trips Not Selected for Coverage:

i. Trip Boats: A Vessel that has completed their pre-trip notification for trips which will be 48 hours or longer will be notified **immediately** upon completing their pre-trip notification, if not preliminarily selected for a NEFOP Observer, whether the trip has been preliminarily selected for an At-Sea Monitor. If the trip has been selected for an ASM the Vessel will work with the Provider(s) on all details pertaining to the trip and may set sail at any time as long as an ASM is onboard or a subsequent waiver has been granted. If the trip has not been preliminarily selected for an ASM the vessel may set sail at any time up to the estimated departure date and time provided in their pre-trip notification.

ii. Day-Boats: Vessels that have completed their pre-trip notification for trips less than 48 hours, with potential sale dates up to 10 days in advance, will be selected in accordancewith the calendar day of the notified sail date. Upon notification that neither a NEFOP nor At-Sea Monitor will be assigned, the vessel may set sail at any time up to the estimated departure time provided in their pre-trip notification for the trip occurring per their notified sail date.

B. Trips Selected for Coverage: If a vessel is selected for coverage, they will be notified by either a NEFOP service provider or their Sectors ASM Provider no later than 24 hours of receiving notification.

i. NEFOP: NEFOP Observers take precedence over all other monitors. If the trip is selected for a NEFOP observer, the vessel shall follow all NEFOP protocols and requirements.

ii. At-Sea Monitoring: If the trip is selected for coverage under the ASM Program, Vessels shall follow all appropriate Sector ASM Program protocols and processes as outlined in this section. Sector Vessels selected for ASM coverage are not allowed to set sail until the ASM arrives and is onboard or a waiver is granted by the ASM Provider(s).

iii. Delays: If a vessel must delay a multi-day trip sail date, and has been selected for an ASM, the vessel must notify their ASM Provider(s) & Sector Manager immediately. Trips greater than 48 hours, may delay their sail date/time up to 48 hours from the estimated sail date and time provided in their Pre-Trip notification, provided that an ASM is still available to sail on that trip or a waiver is granted.

iv. Cancellations: If a Sector Vessel is selected for ASM Coverage and must cancel their trip, the Vessel will be automatically selected for ASM Coverage on their next notified trip, or the next time an ASM is available for coverage.

v. Notification of Delays or Cancellations: The Sectors ASM Provider(s) will notify the PTNS coordinator & the Sector Manager of any trip delays, cancellations, or waivers within 24 hours via email within 24 hours of such notification.

vi. Cancellations of Trips where an ASM is already present at Port of Sail: In the event a Sector Vessel which was selected for ASM cancels the trip and the ASM is already at the specified location ready to sail the ASM may board another Vessel in this Sector, regardless of Waivers already provided, that is departing from the port on a Sector trip. The ASM will notify its employer immediately, and the Service Provider will notify the PTNS Coordinator and Sector Manager of the change in vessel coverage.

1.5 AT-SEA MONITORING OPERATIONAL STANDARDS:

1.5.1 Safety Requirements: Prior to setting sail the Operator of the Sector Vessel shall detail and identify any vessel safety operating procedures and other important information to the assigned ASM. The Sector Member acknowledges that an ASM must complete a pre-trip vessel safety checklist as provided by NMFS prior to leaving port. An ASM cannot be deployed on a vessel that has failed to review the safety issues, and such vessel is prohibited from leaving port without the ASM on board (unless a waiver is granted). For the safety of the vessels captain, crew and the ASM; the ASM will not be allowed on deck any time that gear is being deployed.

The Sector and its Members note that each ASM must be provided with all the equipment specified by the NEFOP. It is the responsibility of the individual ASM and its employer to ensure that all equipment is in good working order and brought to the vessel at the agreed upon time prior to sailing.

1.6 WAIVERS:

1.6.1 Late At-Sea Monitor: In the event that an ASM fails to arrive at the scheduled sail time and/or place; the Vessel Captain must call their Providers Program Manager, prior to setting sail. The Providers Program Manager will verify that proper trip information was reported. Additionally, the Program Manager may issue a verbal waiver to the Captain relieving the vessel of its ASM obligation for the trip in question. Immediately upon issuing a verbal waiver the Program Manager must notify the Sector Manager, PTNS Coordinator and the Vessel (if requested) in writing that the

trip was granted a waiver due to a later ASM.

1.6.2 Late NEFOP Observer: In the event that a NEFOP Observer fails to arrive at the scheduled sail time and/or place; the Vessel my contact the PTNS Coordinator to obtain a waiver prior to sailing.

1.7 <u>ELECTRONIC MONITORING</u> The Sector reserves the right to modify/update their At-Sea Monitoring Program in the event that Electronic Monitoring (EM) is approved by the Agency during the fishing year upon the discretion of the Sectors Board of Directors. Upon approval by the Agency and subsequently the Sectors Board of Directors, EM may be adopted by some or all Sector Vessels in accordance with EM standards.

2.0 NOAA FISHERIES DESIGNED ASM PROGRAM:

The Northeast Fisheries At-Sea Monitor Program

National Marine Fisheries Service, Northeast Fisheries Science Center

C.1 BACKGROUND OVERVIEW

The National Oceanographic and Atmospheric Administration 's (NOAA) mission is to understand and predict changes in the Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs. NOAA's National Marine Fisheries Service (NMFS) supports the overall NOAA mission by focusing on stewardship of living marine resources through science-based conservation and management and the promotion of healthy ecosystems.

NMFS is responsible for the management, regulatory compliance, economic data and protection of living marine resources within the United States Exclusive Economic Zone. NMFS also plays a supportive and advisory role in the management of living marine resources in coastal areas under state jurisdiction. It provides scientific and policy leadership in the international arena, and implements international conservation and management measures as appropriate.

Under this mission, the goal is to optimize the benefits of living marine resources to the Nation through sound science and management. This requires a balancing of multiple public needs and interests in the sustainable benefits and use of living marine resources, without compromising the long-term biological integrity of coastal and marine ecosystems.

Many natural and human-related factors affect the status of fish stocks, protected species and ecosystems. Although these factors cannot all be controlled, available scientific and management tools enable the agency to have a strong influence on many of them. Maintaining and improving the health and productivity of these species is the heart of the NMFS mission. These activities will maintain and enhance current and future opportunities for the sustainable use of living marine resources as well as the health and biodiversity of their ecosystems.

NMFS has three objectives in its mission to protect, restore, and manage the use of coastal and oceanic resources:

- Protect and restore ocean, coastal, and Great Lakes resources
- Recover protected species

- Rebuild and maintain sustainable fisheries.

NMFS will measure its performance against these objectives using the following measures:

1st: Increased number of coastal and marine ecosystems maintained at a healthy and sustainable level
2nd: Increased social and economic value of the marine environment and resources (e.g., seafood, recreation, and tourism)
3rd: Increased number of acres and stream-miles restored for coastal and ocean species
4th: Increased number of protected species in a stable condition or in an upward trend
5th: Increased number of managed species that are at optimum levels
6th: Improved ecological conditions in coastal and ocean protected areas

Additionally, Amendment 16 to the Northeast (NE) Multispecies Fishery Management Plan (FMP) was developed by the New England Fishery Management Council (Council) as part of the biennial adjustment process established in the FMP to update status determination criteria for all NE multispecies (groundfish) stocks; adopt rebuilding programs for groundfish stocks newly classified as being overfished and subject to overfishing; and revise management measures necessary to end overfishing, rebuild overfished groundfish stocks, and mitigate the adverse economic impacts of increased effort controls. In addition, Amendment 16 would implement new requirements for establishing allowable biological catch (ABC), annual catch limits (ACLs), and accountability measures (AMs) for each stock managed by the FMP, pursuant to the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act), as revised. This action is necessary to address the results of the most recent stock assessment that indicates that several additional groundfish species are overfished and subject to overfishing and that stocks currently classified as being overfished require additional reductions in fishing mortality to rebuild by the end of existing rebuilding periods.

The Northeast Fisheries Science Center (NEFSC), National Marine Fisheries Service (NMFS) is required to collect scientific, management, regulatory compliance and economic data for fisheries by placing At-Sea Monitors aboard U.S. domestic fishing vessels participating in the groundfish multispecies Fisheries Management Plan. These data cannot be obtained at the dock or on Government research vessels. These data are needed for the management and monitoring of Annual Catch Limits and groundfish sectors.

Every sector should equally be covered at 15% (10% by At-Sea Monitors and 5% by NEFOP observers). The coverage rates apply to the trip level. At-Sea Monitors will be systematically assigned by NMFS to a vessel to ensure the coverage is fair and even. Several types of fishing gear may be used: longline, trawl, and gillnet. A monitored trip must be a trip where landings of groundfish occur (a “groundfish”, “skate” or “monkfish” trip as defined in Amendment 16). At-Sea Monitoring standards will be consistent with the final regulations implemented under Amendment 16, unless further specified by NMFS. As described in the rule, Northeast Fisheries Observer Program (ASM) observers take precedence over At-Sea Monitors for vessel placement when deployments overlap.

C.2 AT-SEA MONITOR PROGRAM OBJECTIVES

NMFS has an extensive program to monitor and observe living marine resources and associated communities to provide information on biota, their habitats, and the human activities and actions that may impact coastal and ocean ecosystems. Data are the foundation of scientific advice, which provides information to management to support decision-making. A more consistent flow of high quality, credible information is required to improve decision-making. To collect the quantity and quality of data necessary, NMFS intends to improve its capacity to conduct surveys and to conduct research and studies for better understanding of ecosystems. These efforts rely on extensive collaboration with fisheries participants and other stakeholders in the living marine resource decision process.

At-Sea Monitors are the only independent data source for some types of at-sea information such as bycatch composition and mortality, and marine mammal, sea bird and sea turtle interactions. Although vessel self-reporting is often utilized, only limited data collection demands can reasonably be placed on the captain and crew. In addition, the reliability of self-

reported information is a concern for scientists and policy makers, who use the data to make fishery management decisions for the purpose of maintaining the nation's marine resources.

Currently, more than 500 At-Sea Monitors are deployed in 11 At-Sea Monitor programs most of which are administered through NMFS 6 regional Fisheries Science Centers (FSC). Increasing NMFS At-Sea Monitor data coverage is essential to reliably estimating catch and bycatch and helping to implement programs to reduce bycatch. Additional benefits of enhanced At-Sea Monitor programs are near real-time monitoring of biological and environmental conditions and sampling opportunities not available from dockside sampling. This includes information on marine mammals, turtles and seabirds, resource abundance, contaminants, habitat, life history, and other basic biological information.

NMFS is required to collect scientific, management, regulatory compliance, and economic data for fisheries by placing At-Sea Monitors aboard U.S. domestic fishing vessels. These data cannot be obtained at the dock or on Government research vessels. These data are needed for the management of fisheries occurring in the U.S. Exclusive Economic Zone (EEZ) and the high seas beyond the EEZ.

NMFS desires contractor support, as described below, to satisfy these requirements.

C.3 SCOPE AND OUTCOMES

The contractor shall provide and retain the necessary qualified personnel, material, equipment, services, and facilities (except as otherwise specified) to perform quality environmental, and fisheries operations data collection, data analysis, and information dissemination for the Northeast Fisheries Science Center (NEFSC) Data quality is of the utmost importance. Quality data collection, analysis, and dissemination are expected to increase the critical information gathered for stock assessments to manage the species.

This Statement of Work (SOW) defines the requirements and services necessary to provide program continuity, integrity, and productivity.

C.3.1 Policies and Regulations

In addition to the Federal Acquisition Regulation (FAR) clauses referred to and listed herein of this Request for Proposal (RFP), the contractor shall comply with the Federal Regulations, Acts, Executive Orders, Special Publications, Guidelines, NOAA Directives and Policies and standards listed below. This listing is not all-inclusive and is not intended to relieve the contractor of its responsibilities for identification of applicable statutes, regulations and procedures and compliance therewith, when performing work under this SOW.

- Magnuson-Stevens Fishery, Management, and Conservation Act (MSA)
- Marine Mammal Protection Act (MMPA)
- Endangered Species Act (ESA)
- Data Quality Control Act (P.L. 106-514)
- Information Technology Security Policy
- Fisheries Management Plans (FMP)
- Biological Opinions (BO)
- Take Reduction Team (TRT)
- NOAA Safety Standards
- Fair Labor Standards Act (FLSA)

- Service Contract Act (SCA)
- Department of Labor Wage Determinations
- Applicable Federal and State labor laws
- At-Sea Monitor Health and Safety regulations
- Federal, state, and local safety regulations
- Merchant Marine Act (Jones Act) and General Maritime Law
- U.S. Longshore and Harbor Worker's Compensation Act

C.4 PERFORMANCE WORK STATEMENT

The contractor shall meet all requirements of the SOW.

C.4.1 Management Requirements

C.4.1.1 Project Management

The contractor shall perform all Project Management functions including contract, technical, personnel, administrative, logistic, quality, business, and other management functions that are necessary to execute the total effort required by this SOW. The contractor shall provide all personnel and other resources, except as otherwise specified in this SOW, necessary to accomplish these functions. The contractor shall effect these management functions through an integrated management approach, including cost, schedule, and technical performance within an acceptable project management framework. The contractor shall develop and submit to NMFS a Project Management Plan (as further defined in Section F.5.2) for approval that details how the contractor will manage the contract and its At-Sea Monitor program.

C.4.1.2 Project Manager

The contractor shall assign a Project Manager to be the focal point for communications between NMFS and the contractor. The assigned Project Manager shall be designated as Key Personnel for this contract (per Section H.7). Ensure that all key personnel attend any refresher trainings for At-Sea Monitors. For a specific job description see Section J, Attachment 2, Labor Category Classifications and Job Descriptions.

C.4.1.3 Coordinators

The contractor shall assign coordinators as needed to coordinate At-Sea Monitor deployment and provide At-Sea Monitor support services. The coordinator shall be designated as key personnel under this contract (per section H.8). All coordinators are required to maintain current At-Sea Monitor Certification. Ensure that all key personnel attend any refresher trainings for At-Sea Monitors. For a specific job description see Section J, Attachment 2, Labor Category Classifications and Job Descriptions.

C.4.1.4 Management Reporting and Coordination

The contractor shall prepare and submit to the Contracting Officer (CO) , Contracting Officer's Technical Representative (COTR) a monthly Status Report, as listed in Section F.5.1, that provides information on project status to include, contract award-to-date financial expenditures; At-Sea Monitor retention status; any problems or issues encountered; and other information as may be requested by the COTR.

C.4.1.5 Performance Measures

The contractor shall monitor and meet all requirements as stated in the SOW.

C.4.2 Operational Requirements

At-Sea Monitors are deployed, in accordance with coverage rates developed by NMFS and as assigned through the Pre-Trip Notification System (PTNS), to vessels. Due to availability of funding, changes in the fishery management, such as emergency closures, court ordered closures, weather, and unforeseen events must remain flexible. Additional funding for sea days may be added to the contract within the scope and maximum allowable sea days.

The following items define the operational services to be provided by the contractor under this contract.

C.4.2.1 At-Sea Monitor Recruitment and Retention Requirements

The recruitment and retention of fully qualified At-Sea Monitors is essential to successful performance under the contract. At-Sea Monitors shall be employees of the contractor. The contractor shall provide sufficient qualified At-Sea Monitors to complete the mandated coverage requirement by selecting the best candidates.

The contractor shall describe their strategy for recruiting qualified candidates and retaining their services, as referenced in Section F.5.4. The contractor shall manage its At-Sea Monitors to retain both experienced and new At-Sea Monitors. The contractor is encouraged to provide incentives for superior performance demonstrated by their work force.

C.4.2.2 Eligibility Requirements

C.4.2.2.1 Educational Qualifications

Collecting marine fisheries data during fishing activities requires speed and accuracy. At-Sea Monitors must possess the minimum educational and experience requirements and specific psychological and physical qualities cited in the Minimum At-Sea Monitor Qualifications for educational requirements (Section J, Attachment 3, NMFS At-Sea Monitor Eligibility Requirements).

C.4.2.2.2 Non-Conflict of Interest

Section J, Attachment 4 (Statement of Non-Conflict of Interest)

C.4.2.2.3 Physical/Medical Condition

Section J, Attachment 5 (Physical Standards & Acknowledgement of Risks)

C.4.2.2.4 Communication Skills

At-Sea Monitor candidates must be able to clearly and concisely communicate verbally and in writing in English.

C.4.2.2.5 Citizenship or Ability to Work Legally in the United States

At-Sea Monitor must be a U.S. Citizen, or a non-citizen who has a green card, TN Authorization, H1 visa, or valid work visa, and a social security card.

C.4.2.2.6 Statement of No Criminal Conviction

Section J, Attachment 6 (Statement of No Criminal Conviction)

C.4.2.2.7 CPR and First Aid Requirements

At-Sea Monitors shall obtain and maintain current certification for CPR by the American Red Cross or American Heart Association (AHA) or other as approved by the COTR. Completion of a basic First Aid class is also required before the start of training. A copy of CPR and First Aid certification(s) for all At-Sea Monitors will be provided to NMFS 7 calendar days prior to the first day of training and annually thereafter.

C.4.2.2.8 At-Sea Monitor Standards of Conduct

At sea, At-Sea Monitors work in a self-supervised capacity and shall maintain high standards of conduct. At-Sea Monitors shall maintain a professional, objective demeanor at all times. At-Sea Monitors shall comply with these standards and those set forth in the Standards of Conduct (Section J, Attachment 7, At-Sea Monitor Standards of Conduct).

C.4.2.3 Observer/At-Sea Monitor Duties and Data Collection Requirements

1) General Observer Duties and Data Collection Requirements – Fishery Observer I, II, and III
   a) Observers/At-Sea Monitors shall collect scientific, management, compliance, and other data at sea through interviews of vessel captains and crew; observations of fishing operations; sampling catch; measuring selected portions of the catch and fishing gear; and collecting samples. Observer/At-Sea Monitor coverage is mandated by a number of statutes and is an integral part of the regulations. These authorities empower the observer/At-Sea Monitor to perform certain functions aboard vessels as well as afford protection to the observer/At-Sea Monitor against interference and intimidation in the course of performing his/her duties.
   b) Observer/At-Sea Monitors shall collect data on fishing effort, location, retained catch and discarded catch for each gear deployment that occurs while the observer/At-Sea Monitor is aboard the vessel. The At-Sea Monitor Sampling Manual describes data collection protocols for gear deployment that the observer/At-Sea Monitor sees as well as those not observed.
   c) Observer/At-Sea Monitors shall collect length samples from segments of the catch. Observer/At-Sea Monitor protocols, priorities, and data/sample collection procedures are detailed in the At-Sea Monitor Manual.
   d) Observer/At-Sea Monitors shall collect information on any incidentally captured sea turtles, including, but not limited to, location of take, biopsies, measurements, photos, and any other information. Observer/At-Sea Monitors shall also collect information on any marine mammals or other protected species interactions. When protected species are caught, the primary responsibility of the observer/At-Sea Monitor shall be to handle and release the protected species.

e) Observers shall participate in all training, briefings and debriefings as required by the COTR. Observer/At-Sea Monitors shall participate in port orientations, if offered by NMFS and requested by the COTR (Section B – Supplies or Services and Prices/Costs Training CLIN 0003, 1003, and CLIN 2003. Debriefing of the observer/At-Sea Monitor ensures that the data are complete and as accurate as possible before computer audits are run. Debriefing also provides immediate feedback to the observer/At-Sea Monitor in the field and errors can be corrected immediately. Debriefings shall occur on a regular basis and as frequently as possible either by email, phone or in person. Debriefings shall consist of but are not limited to:

i) Reviewing sampling methods and answering Observer/At-Sea Monitor questions;
ii) Reviewing preliminary data;
iii) Correcting any data errors;
iii) Reviewing any other past errors or changes in sampling techniques or recorded on forms;
iv) Reviewing any logistical problems or concerns encountered by the observer/At-Sea Monitor; and
v) Testing observer/At-Sea Monitor ability to adhere to sampling protocol
vi) Checking gear calibration
vii) Providing the observer/At-Sea Monitor with any updates on modifications to sampling procedures or other program information.

f) Observer/At-Sea Monitors who encounter captains or vessels' owners operating in fisheries requiring mandatory observer/At-Sea Monitor coverage that refuses to accept the observer/At-Sea Monitor on their vessel for deployments shall provide documentation of the refusal to NMFS. This documentation shall be provided via e-mail or hard copy to the Branch Chief of the Fisheries Sampling Branch on the day of the event. This documentation shall be of sufficient substance and detail to be usable for NMFS enforcement actions. Narrative shall be provided to completely answer the following guideline questions: who, what, when, and where. This shall be reported on the Incident Report Form (Section J, Attachment 8, Incident Report Form).

g) Observer/At-Sea Monitors shall send in the whole animal or take a photo of all species encountered the Species ID Verification Program quarterly to NMFS (Section J, Attachment 9, Species Verification Program). Failure to do so may result in an observer/At-Sea Monitor's change in status (i.e., pre-probation, probation, and decertification).

2) Fishery Observer/At-Sea Monitor I – Performance Requirements and Labor Category Definition - The Fishery observer/At-Sea Monitor I shall meet and perform all the General Requirements specified in C.4.3.2a and the following:

a) Performs routine tasks associated with recurring and continuing work according to prescribed or established procedural standards and technical methods assigned.

b) Assures that tasks are completed, data developed, methods used in securing and verifying data are technically accurate and in compliance with instructions and established procedures.

c) Makes estimates of amounts and species composition of fish caught, retained and discarded, using at a minimum, simple, single stage sampling techniques and dichotomous keys.

d) According to established standards and detailed procedures, records data on appropriate forms and logs, some of which may be electronic.
e) Maintains field equipment and supplies.
f) Collects scientific, management, compliance information, and make observations of fishing operations.
g) Use and complete a pre-boarding vessel safety checklist.
h) Measures selected portions of catch including incidentally caught marine mammals, sea birds and sea turtles.
i) Uses calculator and/or PC for calculations and recording data.
j) Obtains, enters and transfers data electronically.
k) Obtains and records information on gear characteristics of fishing gear types while working either on board vessels, on an alternative platform, or at a shore-based facility.
l) Uses interpersonal and communication skills to contact fishermen and schedule observer/At-Sea Monitor sampling trips.
m) Observes and documents compliance with fishery regulations, and write affidavits as required.

3) Fishery Observer/At-Sea Monitor II - The Fishery observer/At-Sea Monitor II shall meet and perform all the General Requirements specified in C.4.3.2a, perform all duties of Fishery observer/At-Sea Monitor I and the following additional duties:

a) Independently executes duties, while learning when and how to resolve exceptions and special problems.
b) Estimate amounts and species composition of fish caught, retained and discarded, utilizing knowledge of various statistically valid sampling methods and dichotomous keys.
c) Measure selected portions of catch including incidentally caught marine mammals, sea birds and sea turtles.
d) Uses calculator and/or PC for calculations and recording data.

4) Fishery Observer/At-Sea Monitor III - The Fishery Observer/At-Sea Monitor III shall meet and perform all the General Requirements specified in C.4.3.2a, perform all duties of Fishery observer/At-Sea Monitor II and the following additional duties:

a) May act as field coordinator of lower graded fishery observer/At-Sea Monitors.
b) Demonstrates extensive familiarity of methods, procedures and management to ensure proper day-to-day operations.
c) Shifts from one type of responsible technical assignment to other types, which are different in terms of equipment used, of data used, and uses to which data will be put.
d) Makes estimates of amounts and species composition of fish caught, retained and discarded, utilizing knowledge of various statistically valid sampling, sub-sampling methods and dichotomous keys.
e) According to established standards and detailed procedures, records data on appropriate forms and logs, some of which may be electronic and provide recommendations for updates.
f) Oversees the maintenance of field equipment and supplies.
g) Collect scientific, management, compliance information, observations of fishing operations, measure selected portions of catch including incidentally caught marine mammals, sea birds and sea turtles.

C.4.2.3.1 Data Deliverables

Electronic data entry by At-Sea Monitors is required in addition to required paperwork, and shall be managed by the contractor in coordination with the COTR. Submission of At-Sea Monitor data to the NMFS shall be accomplished in a timely manner. The contractor shall work with the COTR to establish the appropriate means to transfer the electronic data to the COTR.

5) Delivery of paper log data shall be received within 5 calendar days (120 hours) of the vessel landing as referenced in Section F.5.5.

2) Delivery of electronic data shall be received within 2 calendar days (48 hours) of the vessel landing as referenced in Section F.5.6.

3) Delivery of biological specimens (whole fish samples) shall be received within 5 calendar days (120 hours) of the vessel landing as referenced in Section F.5.7.

At-Sea Monitors shall send any written data and biological specimens directly to NMFS. The Government will provide shipping and supplies. At-Sea Monitors shall assure that biological samples or whole animals requiring freezing are received by the nearest NMFS freezer facility within twenty-four (24) hours of vessel landing. NMFS has freezers located in major fishing ports (Section J, Attachment 10, Freezer Locations). The transfer or transport of the frozen samples or animals must be received by NMFS (At-Sea Monitor Training Center) within 5 calendar days of the trip landing, unless a delay is authorized by the COTR. Costs for travel associated with transport of biological samples will be reimbursed under the travel provision section herein (Section B Supplies or Services and Prices/Costs Travel CLINS 0002, 1002 and 2002).

C.4.2.3.2 At-Sea Monitor Communication

At-Sea Monitors shall maintain regular contact with their assigned NMFS editor/debriefer. All At-Sea Monitors shall call their editor/debriefer prior to making a trip in a fishery or program covered for the first time or as requested. At-Sea Monitors shall return phone calls or reply to email questions as soon as realistically possible (i.e., before departing on a multi-day trip). NMFS can request that an in-person meeting occur with an At-Sea Monitor at any time. These meetings will take priority over accomplishment of the sea day schedule. All travel costs associated with required in person debriefings, exit interviews and meetings with NMFS will be reimbursed under the travel provision section herein (Section B Supplies or Services and Prices/Costs Travel CLINS 0002, 1002 and 2002) and the At-Sea Monitor hourly rate will be reimbursed under the hourly rate provision section herein (Section B Supplies or Services and Prices/Costs Hourly Rate At-Sea Monitor CLINS 0004, 1004 and 2004). NMFS staff will provide written memo updates to the contractor regarding any new or changed sampling protocols, data collection procedures, or other collection or reporting procedures. The contractor shall make certain that At-Sea Monitors comply with changes, as applicable.

Require that any At-Sea Monitor who leaves the program come into the At-Sea Monitor Training Center complete all exit procedures including an in-house exit interview with NMFS (Section J, Attachment 11, Exit Procedures) within 30 days from landing from their last trip.

Provide the primary port, contact information(full name, mailing address, residential address, e-mail address, cell phone number, home number, emergency contact name and phone number, and working status (full time or part time). If there is a change made to any variables in the list, an updated list shall be provided to NMFS immediately (Section F.5.8).

C.4.3 At-Sea Monitor Support Services

C.4.3.1 Logistic and Operation Support for At-Sea Monitor Deployment

The contractor shall provide complete logistical and operational support to At-Sea Monitors throughout their employment. The contractor's approach to supporting At-Sea Monitors shall be detailed in the proposal.

C.4.3.2 Training and Debriefings

Attachment 34, HR Bulletin 103, provides policy and guidance on training for non-government employees. At least 95% of new At-Sea Monitor recruits are expected to pass the required training course (Section J, Attachment 12, ASM Training Standards) and the required physical examination (Section J, Attachment 5, Physical Standards & Acknowledgement of Risk).

Training costs are reimbursable and are intended to include all costs associated with At-Sea Monitor training (both initial training and refresher trainings), including, but not limited to, salary during the training period, per diem (meals & reimbursements and lodging), miscellaneous equipment for use during training (as authorized or requested by the Government – Section B Supplies or Services and Prices/Costs Training CLINS 0003, 1003 and 2003).

At-Sea Monitor candidates shall undergo an initial 2-week certification training session with NMFS. A series of tests will be administered during this training that candidates must prior to certification. Candidates must demonstrate their potential to collect accurate field data, and react to unfamiliar situations at sea in a professional manner. NMFS personnel as well as specialists in other areas such as vessel safety shall conduct training. Refresher training sessions will be conducted when data logs or protocols change, at the discretion of the COTR, or when there has been over six months service interruption for the At-Sea Monitor. At-Sea Monitors shall be required to attend an annual refresher course for data collection, species identification, and vessel safety. In order for the At-Sea Monitor to maintain a current certification they must successfully complete the recertification training. Three trainings are scheduled for each year (planned trainings will be posted on the FSB website). The contractor shall provide NMFS with at least 45 calendar days prior notice when a training session is needed and identify any foreign nationals that may be attending training (it takes a minimum of 30 working days for foreign national clearance) as referenced in Section F.5.9. For extenuating circumstances, additional trainings may be scheduled at the Government's discretion. Attendance by key personnel at training is required for at least two days each week of training.

The contractor shall submit to NMFS, at least 30 calendar days before the beginning of the training, the following information as referenced in Section F.5.10:

- a list of the potential candidates names for review by NMFS
- a hard copy (mailed to the COTR) of each candidates resume
- a hard copy (mailed to the COTR) of the candidates college transcript
- a hard copy (mailed to the COTR) of reference checks from three individuals for each candidate (name of individual providing reference, association with At-Sea Monitor, how long they have known the candidate, contact information (phone number, e-mail), and information about the At-Sea Monitor's past performance)

The contractor shall submit to NMFS, at least 14 calendar days before the beginning of the training, the following information as referenced in Section F.5.11:

- an updated list of candidates
- a medical report for each candidate substantiating the individual's medical qualifications for the job
- online security clearance electronic forms must be initiated by candidates (Section J, Attachment 13, Security Background Instructions)

The contractor shall submit to NMFS, at least 7 calendar days before the beginning of the training, the following information as referenced in Section F.5.12:

- Final list of candidates attending upcoming training session
- CPR and First AID Certificate

NMFS may require additional information regarding At-Sea Monitor candidates and should be consulted regarding any for which proposed candidate there is some question regarding qualifications. Should substitution of At-Sea Monitors be required, the contractor shall also provide their pertinent information to the COTR prior to such substitution. The Government retains the right to reject any At-Sea Monitor proposed by the contractor if his or her qualifications do not meet the qualifications specified in paragraph C.4.2.2, Eligibility Requirements, or if their work has been performed at an unsatisfactory level on previous projects, or if their behavior on other projects has been disruptive.

The contractor shall provide the status of its At-Sea Monitor training approvals completed and in process in its Monthly Status Report (Section F.5.1).

NMFS training curriculum is detailed in the ASM training agenda (Section J, Attachment 14, ASM Training Agenda).

An At-Sea Monitor's first 4 deployments and the resulting data shall be immediately edited and approved after each trip by NMFS prior to any further deployments by that At-Sea Monitor (Section J, Attachment 15, ASM Training Trip Policy). During the At-Sea Monitor's first 4 deployments, in order for them to go on their next trip, their data must be received, edited and the At-Sea Monitor must be "cleared" by NMFS to sail on their next trip. This notification will be sent via e-mail to the At-Sea Monitor's provider. The At-Sea Monitor cannot be deployed until the e-mail notification has been sent by NMFS. If the data quality is considered acceptable the At-Sea Monitor will become certified. If the data quality is not considered acceptable, the At-Sea Monitor will not be certified by NMFS at that time.

The first trip an At-Sea Monitor takes after completing the initial 2-week training course will be accompanied by either a NMFS member or a certified trip trainer. Certified trip trainers are current At-Sea Monitors under this contract and are certified by NMFS. In order to become a trip trainer, the contractor must request to NMFS the names of the At-Sea Monitor they would like certified. NMFS would then assign a NMFS staff member to accompany the trip trainer candidate on a future trip. If approved by NMFS the At-Sea Monitor would become a trip trainer. Contractor responsibilities consist of finding vessels that are willing to take two (2) At-Sea Monitors, setting up the logistics of the trip, and communicating with NMFS regularly providing updates on the status of the trip (Section J, Attachment 16, Trip Trainer Certification Program).

At-Sea Monitor trip trainers taking their training assignment trips with NMFS personnel may bill the cost of a seaday under CLINS 0003, 1003 and 2003. When two At-Sea Monitors are on a vessel for the days a certified At-Sea Monitor trip trainer is accompanying a new At-Sea Monitor then the new At-Sea Monitor should be billed under CLINS 0001, 1001 and 2001. The certified trainer would be billed as a seaday under CLINS 0003, 1003 and 2003. NMFS determines the number of trainers needed based on how many At-Sea Monitors are currently working, what the demand for new At-Sea Monitors is, and what the projected training schedule looks like. NMFS currently has 12 certified At-Sea Monitor trip trainers and would expect to maintain that level. At-Sea Monitors certified as trip trainers must be geographically representative of the ports ASM At-Sea Monitors cover to accommodate all new trainees.

Key personnel will be expected to attend any other periodic NMFS required trainings related to the ASM program that could impact At-Sea Monitor protocols, such as program manual update trainings or changes to the Pre-Trip Notification System. One key personnel is required per all trainings, however, NMFS encourages all available staff attend periodic trainings that relate to changes in the ASM program or sampling protocols for their own education. A key personnel is required to attend two days per week of
each training and all the days of refresher training.

Compensation for the At-Sea Monitor's time at the refresher training and all other training as well as meals & reimbursement (M&I) and lodging will be reimbursed by NMFS (Section B – Supplies or Services and Prices/Costs Training CLINS 0003, 1003, and 2003). Costs for travel to and from the training center will not be covered by NMFS.

Per Diem and lodging during weekends are reimbursable during trainings that occur over the course of multiple weeks. Weekend At-Sea Monitor salary costs are not covered under reimbursement, unless training (such as a weather-delayed training trip) occurs on a weekend day. A weekend make up day would be required if the building is closed during the week.

At-Sea Monitors shall be expected to remain as active At-Sea Monitors or serve in other capacities directly related to the Northeast Fisheries At-Sea Monitor Program (e.g. program management) for at least one (1) year after training. The contractor shall reimburse the Government for training expenses for any At-Sea Monitors terminating their At-Sea Monitor employment with the contractor within one (1) year of completing the NMFS training. This will be done by issuing a credit for the next training session. For example, if three (3) At-Sea Monitors leave the program prior to completing one (1) year of employment, at the next training, three (3) individuals' training costs (Section B Supplies or Services and Prices/Costs Training CLINS 0003, 1003, and 2003) and hourly wages associated with the training (Section B Supplies or Services and Prices/Costs Hourly Rate At-Sea Monitor CLINS 0004, 1004 and 2004) will not be billed to the Government.

At-Sea Monitors shall sign a non-disclosure statement (confidentiality agreement) at the commencement of training (Section J, Attachment 17, NEFSC Statement of Non-Disclosure) as referenced in Section F.5.24.

NMFS may request an At-Sea Monitor be accompanied by a NMFS staff member on a future trip. The contractor shall assist with the setting up these shadow trips (Section J, Attachment 18, Shadow Trip Program).The contractor shall make At-Sea Monitors available to NMFS (Enforcement and FSB staff) for the purposes of routine debriefings, requested meetings regarding data quality issues, investigating circumstances of alleged refusals by vessels to take an At-Sea Monitor or other violations of the Magnuson-Stevens Fishery Conservation Act (MSA),

Marine Mammal Protection Act (MMPA), or the Endangered Species Act (ESA) recorded by the At-Sea Monitor in the course of his/her duties (Section B Supplies or Services and Prices/Costs Training CLINS 0003, 1003 and 2003) and hourly wages associated with the training (Section B Supplies or Services and Prices/Costs Hourly Rate At-Sea Monitor CLINS 0004, 1004 and 2004). All At-Sea Monitors shall call their editor/debriefer prior to making a trip in a fishery or program covered for the first time.

C.4.3.3 Data Quality Control

Data shall be collected and maintained in accordance with contractor's Quality Assurance Plan as incorporated in the contract (Section F.5.3).

The overall goal of quality control is to ensure the effectiveness and efficiency of collection efforts as well as the quality of data collected. Data quality is of utmost importance. As such the contractor shall ensure the highest quality in data collected by its At-Sea Monitors. NMFS will provide a data quality rating of At-Sea Monitors to the provider on a bi-annual basis (Section J, Attachment 19, Data Quality Rating). The contractor shall use the data quality rating of At-Sea Monitors in their Quality Assurance Plan (F.5.3).

C.4.3.4 At-Sea Monitor Equipment, Operation and Maintenance

The contractor shall provide all materials and equipment necessary for the collection of data and biological sampling (Section J, Attachment 20, ASM Gear List). The contractor shall maintain and replace lost gear to ensure the At-Sea Monitor is able to carry out his/her sampling duties. For items listed with a brand name, the contractor shall provide the equivalent quality to the brand listed.

The gear and equipment, purchased and charged to the Government in the performance of the contract becomes Government property at the end of the contract. Equipment and gear should be inspected and repaired in accordance with manufacturers specification as needed and at a minimum of once per year. Newly acquired gear must be of the same quality as the originally provided Government gear. At-Sea Monitor gear and contractor's tracking and maintenance of such gear is subject to periodic audit by the Government. The Government retains the right to modify gear specifications and requirements to meet research collection needs.

C.4.3.5 Travel and Lodging

The contractor is responsible for all travel arrangements and expenses, appropriate lodging, and all expenses associated with training, safety meetings, briefings, debriefings, and deploying At-Sea Monitors to assigned vessels. All travel costs and expenses incurred shall be reimbursed in accordance with the Government's Travel Regulations.

Travel costs are reimbursable and are intended to include costs associated with At-Sea Monitor travel to and from vessels and to and from the port if the At-Sea Monitor travels greater than fifty (50) miles, one way, from their primary port (Section B Supplies or Services and Prices/Costs CLINS 0002, 1002, and 2002.

Coordinator and support staff travel (related to At-Sea Monitor deployment) to and from vessels and to and from the port are reimbursable if travel meets Government Travel Regulations and At-Sea Monitor travel costs under CLINS 0002, 1002, and 2002. The contractor shall submit a travel voucher (Section J, Attachment 21, At-Sea Monitor Travel Voucher) clearly documenting all travel logistics and associated costs to the COTR.

While an At-Sea Monitor is out at sea, per diem is not reimbursable, unless authorized on a case-by-case basis by the COTR, such as if an At-Sea Monitor lands in a port other than their primary port.

C.4.3.6 Vessel Selection

The contractor shall strictly adhere to all sampling design requirements specified for the Northeast Fisheries At-Sea Monitor Program (ASM). NMFS will provide the contractor with a set of specific guidelines regarding vessel selection and placement considerations by various fisheries. The contractor shall make contact with vessels selected either by NMFS to arrange for At-Sea Monitor coverage and deployment scheduling as necessary. When the contractor/At-Sea Monitor makes initial contact with the vessel, the contractor/At-Sea Monitor shall verify with the captain that he has sufficient life raft capacity for an additional person (At-Sea Monitor). If not, the contractor shall immediately attempt to have one of the NMFS issued valise life rafts available for the At-Sea Monitor for that trip. If one is not available, and the captain still intends to sail without the At-Sea Monitor, an SDR shall be issued to the captain of the vessel (Section J, Attachment 22, Safety Deficiency Report). The contractor shall assign At-Sea Monitors to vessels without regard to preference expressed by vessel owners or operators with respect to At-Sea Monitor race, gender, age, religion, or sexual orientation nor shall the contractor consider At-Sea Monitor's expressed preference. The contractor shall not assign At-Sea Monitors who are showing symptoms of illness or who may be contagious. In the event that an At-Sea Monitor falls severely ill or injured at sea, and the vessel must prematurely cease fishing to return the At-Sea Monitor to port, the contractor shall propose a plan on how to work out a fair reimbursement for the vessel's fuel expenses.

Various regulated fisheries have a requirement for a vessel's representative to notify the ASM prior to making each fishing trip. Notification is required prior to the planned departure in a specific time frame, e.g., forty-eight (48). The vessel is then randomly assigned, by NMFS, an At-Sea Monitor or issued a waiver, relieving them of the requirement to carry an At-Sea Monitor for that specific trip. The contractor shall provide personnel or an automated answering service to handle notifications twenty four (24) hours a day, seven (7) days a week, for certain fisheries. Depending on regulations enacted by the NMFS, the notification requirement may require e-mails, telephone calls, or inputting into a website from the vessel's representative. The Groundfish fishery is required to notify NMFS, NMFS is responsible for the selection and informs the vessel and the contractor of trip details.

For the groundfish fishery (notifies NMFS when they are sailing), the contractor will be notified of trip selection via the website. The contractor may accept or decline trips within twenty four (24) hours. If a trip is accepted by a contractor, the contractor would make contact with the vessel for trip logistics. The COTR shall be notified all circumstances in which At-Sea Monitors were late or missed a scheduled trip for all fisheries as referenced in Section F.5.13.

Vessels must be covered randomly, without repeated deployments on the same vessels by the same At-Sea Monitor, unless waived by the COTR. For trips outside closed areas and other special access fishing programs there shall be no more than two (2) back to back trips by the same At-Sea Monitor on the same vessel. A vessel selection list may be provided by NMFS which will rank vessels in the order they should be covered.

Cost Reimbursement is authorized for At-Sea Monitors for the time associated with a "no show". The maximum amount of time for a no show is up to 2.5 hours. The At-Sea Monitor must

arrive 30 minutes prior to the scheduled departure time and remain at the designated area for up 2 hours following the scheduled departure time. Travel to and from the site and per diem are not included unless conditions in C.4.3.5 are met. Any costs billed for a “no show” will be billed against CLINS 0004, 1004 and 2004. There will be no reimbursement for situations in which it is the At-Sea Monitor’s fault for missing the trip or no attempt was made to communicate with the captain prior to taking the trip. A travel voucher (Section J, Attachment 21, At-Sea Monitor Travel Voucher) is required for proper reimbursement.

Cost Reimbursement is authorized for At-Sea Monitors for the time associated with a “cancellation” in instances where trips are cancelled at the dock or when an at-sea monitor is en-route to the vessel and cancellations occurs. The maximum amount of time for a cancellation is up to 2.5 hours. Travel to and from the site and per diem are not included unless conditions in C.4.3.5 are met. Any costs billed for a “Cancellation” will be billed against CLINS 0004, 1004 and 2004. A travel voucher (Section J, Attachment 21, At-Sea Monitor Travel Voucher) is required for proper reimbursement.

C.4.3.7 Safety Requirements

Vessels must be in compliance with the At-Sea Monitor Health and Safety Regulations before an At-Sea Monitor is deployed (http://www.nefsc.noaa.gov/fsb/Misc/Obs_Health_&_Safety_Regs.FR.11.01.07.pdf). Vessels must pass the Pre-Trip Vessel Safety Checklist (Section J, Attachment 23) that will be performed by the At-Sea Monitor with the assistance of the captain or designee prior to deployment. If the vessel fails to pass the Pre-Trip Vessel Safety Checklist, the At-Sea Monitor shall not sail on the vessel and shall complete Safety Deficiency Report (Section J, Attachment 22, Safety Deficiency Report), which shall be provided to the captain and NMFS.

Valise life rafts will be issued to the contractor by NMFS upon award of the contract. It is expected that the contractor shall maintain the life rafts while in their care and ensure the life raft is up to date with service and inspections. When service and inspection dates are coming close to their expiration, the contractor shall contact NMFS to schedule a drop off of the raft. If there is evidence that the life raft is not treated properly while in their care (i.e., dragged on the ground resulting in holes in the raft) then the contractor will be liable for the cost of a replacement raft.

At-Sea Monitor safety is of paramount importance to ASM. If at any time an At-Sea Monitor feels that a vessel is unsafe prior to departure, they may decline the trip and report this on the Pre-Trip Vessel Safety Checklist

(Section J, Attachment 23) to NMFS.

C.4.3.8 Communication

The contractor shall provide and employ a method for At-Sea Monitors to communicate vessel departure and arrival information; handle At-Sea Monitor emergencies and/or problems related to At-Sea Monitor logistics when they are at sea, in transit to the dock, or in port awaiting vessel departure. The contractor shall contact NMFS of all emergency situations, including medical, within twelve (12) hours of learning of the incident as referenced in Section F.5.14.

The contractor shall provide NMFS with access to a real time online At-Sea Monitor tracking system for At-Sea Monitor deployments (including vessel identifier information), leave schedules, and status (part-time vs. full-time) updates as referenced in Section F.5.15.

The contractor shall provide NMFS with all written documents/memos that are sent their At-Sea Monitors within 24 hours of when the document/memo is sent as referenced in Section F.5.25.

The contractor shall notify NMFS of when an At-Sea Monitor is subject to disciplinary action by the contractor (i.e., placed on probation, performance monitoring, etc….) within 24 hours of when the disciplinary action took place as referenced in Section F.5.26.

C.4.3.9 Notification of Potential Infractions

The contractor shall immediately notify the COTR of any potential violation of the Rules and Regulations that implement the Fishery Management Plan under the Magnuson-Stevens Fishery Conservation and Management Act, Marine Mammal Protection Act or Endangered Species Act or any regulations that govern the At-Sea Monitor program, including but not limited to: vessels failing to provide adequate notification prior to departing, failing to take an At-Sea Monitor, incidents of At-Sea Monitor interference, harassment, or intimidation. The contractor shall ensure that each returning At-Sea Monitor is debriefed for incidents of intimidation, interference, or harassment within twelve (12) hours of trip landing as referenced in Section F.5.14. Reported incidents of the vessel failing to take an At-Sea Monitor or incidences of the contractor failing to handle incidents of interference, harassment or intimidation of At-Sea Monitors will be investigated by NMFS.

C.4.3.10 Vessel Operations and Working Conditions

Fishing vessels routinely operate out of ports from New York to Maine (Section J, Attachment 24, Location of ASM Trips in 2010). Trips can range from 1-14 days in duration. The vessels operate in ocean waters, 3-200 miles offshore in all weather conditions. Vessels are generally 30-150 feet in length. Crew members and At-Sea Monitors live and sleep in cramped quarters, often in damp conditions and share common facilities. On some vessels, the crew does not speak English. At-Sea Monitors must be willing to travel occasionally to cover locations other than their primary ports.

At-Sea Monitor Health and Safety Regulations require sleeping areas for the At-Sea Monitor to be equal to those of the crew. Some vessels have no shower and may lack permanent toilets or bunks. Although vessels may not have separate facilities for women, federal regulations require reasonable privacy for female At-Sea Monitors. Female At-Sea Monitors on a vessel with an all-male crew must be accommodated with adequate privacy which can be ensured by installing a curtain or other temporary divider, in a shared cabin. Because of the size and responsiveness of these vessels to sea conditions, motion sickness can be debilitating for some individuals and should be seriously considered in all prospective At-Sea Monitor candidates. Most vessels carry no trained medical personnel aboard and rely upon first aid knowledge of the boat's operator in consultation with land-based physicians via radio.

Food is provided on multiday trips for the At-Sea Monitor and must be equal to the food being served to the rest of the crew. On single day trips, At-Sea Monitors must bring their own food and water.

C.4.3.11 Data Quality

The NMFS COTR will monitor all aspects of contractor performance as described below:

- Failure to deliver data from an observed sea day includes:
- All data must be delivered at the required time frame, as specified by NMFS.

- Data must not be fraudulent or of such poor quality as to be unusable (i.e. if determined to be fraudulent or unusable within 90 days of receipt of the data).

The contractor shall interact with vessels which have carried At-Sea Monitors. They shall interview the captain; using NMFS issued workbooks with a pre-determined set of questions (Section J, Attachment 25, Captain Interview Questions), and determine if the At-Sea Monitor performed his/her job in a professional manner and carried out all required tasks. Unless otherwise instructed by NMFS, a random selection of 10% of each At-Sea Monitor's trips each quarter will have follow-up interviews. Format questions will be provided by NMFS. Trip Interview Reports will be provided to NMFS electronically within two working days of the interview as referenced in Section F.5.16. The contractor shall report, in writing to the COTR, all complaints made by the industry regarding At-Sea Monitor activities, as well as any At-Sea Monitor injuries aboard vessels or on docks to NMFS.

An At-Sea Monitor's ability to work will be based on his/her certification. If an At-Sea Monitor does not adhere to NMFS protocols or meet the At-Sea Monitor Standards of Conduct (Section J, Attachment 7, At-Sea Monitor Standards of Conduct), they may be placed on pre-probation, probation or decertified, as described in the NMFS policy statement regarding certification (Section J, Attachment 26, ASM At-Sea Monitor Performance Monitoring, Review, Probation and Decertification).

NMFS will provide the contractor with a data quality rating for each At-Sea Monitor (Section J, Attachment 19, Data Quality Rating).

C.4.3.12 Contractor Standards of Conduct

The Contractor shall comply with the requirements of Clause H.2.2 At-Sea Monitors Preventing Personal Conflicts of Interest. The contractor shall assign at-sea monitors without regard to any preference expressed by representatives of vessels based on, but not limited to, at-sea monitor race, gender, age, religion or sexual orientation.

C.4.3.13 At-Sea Monitor Termination Documentation

The contractor shall notify the COTR when an At-Sea Monitor leaves the ASM for any reason as referenced in Section F.5.19. Reasons for termination, whether contractor initiated or At-Sea Monitor initiated, must be documented and provided to NMFS within 7 days of the At-Sea Monitor's departure and shall be used to determine trends and assist in improving retention of qualified At-Sea Monitors as referenced in Section F.5.20.

C.4.3.14 Emergency Action Plan

The contractor shall institute an Emergency Action Plan that documents what they will do in the case of an emergency. The purpose of an Emergency Action Plan is to facilitate and organize employer and employee actions during workplace emergencies. Well-developed emergency plans and proper employee training (such that employees understand their roles and responsibilities within the plan) will result in fewer and less severe employee injuries. The contractor shall provide NMFS with a copy of their Emergency Action plan as referenced in Section F.5.27.

C.4.3.15 Quality Assurance Plan

The contractor shall develop and submit to NMFS a contractor Quality Assurance Plan, as referenced in Section F.5.3, which details how the contractor will ensure effectiveness and efficiency of collection efforts as well as the quality of data collected by its At-Sea Monitors. The contractor shall further establish, implement, and maintain a Quality Assurance Management program to ensure consistent quality of all work products and services performed under this contract.

C.5 PERFORMANCE MONITORING

C.5.1 Quality Assurance Surveillance Plan

NMFS intends to monitor contractor performance against the Schedule of Deliverables (Section F.5.3).

C.6 SECURITY RISK LEVEL DESIGNATIONS

The risk levels under this contract have been determined by the Program Office as shown in the list below:

- Program Manager

  SECURITY RISK = Low

- Coordinator

  SECURITY RISK = Low

- Observer I, II, III

  SECURITY RISK = Low

Investigation Packages

At-Sea Monitors and key personnel would be considered contractors and all undergo the required background investigation (Section J, Attachment 13, Security Background Instructions) and would be either U.S. Citizens, Naturalized Citizen, Green Card Holders (aka Permanent Resident Card), or Foreign Nationals. The following requirements will be completed prior to official hiring:

- 0 – 30 days = Security Worksheet, Finger Print Cards (FD 258 Cards)
- 31 – 179 days = Security Worksheet, SAC Form (OFI Form 86C), Finger Print Cards (FD 258 Cards)
- 180 or greater days = EQIP Package
  - Security Worksheet
  - Electronic Questionnaire (filled out after applicant has been placed in EQIP)
  - EQIP Signature pages (generated after applicant has completed Questionnaire in EQIP)
  - Declaration for Federal Employment (Optional Form 306)
  - Finger Print Cards (FD 258 Cards)
  - Fair Credit Reporting Form (filled out based on position sensitivity)

Foreign National (FN) Information (must be submitted along with Investigation Packages)

Foreign Nationals is anyone who is a non-U.S. citizen or non-green card holder (aka permanent resident card). Foreign Nationals fall into two categories: Visitors or Guests. Visitors are personnel onsite for up to 3 days; or whom will be attending a conference, workshop, or training (which can go up to 5 days). Guests are personnel who will be onsite over 3 days and who do not fall into the 5 day category listed above. All Foreign National Visitor/Guests information must be submitted through the Foreign National Registration System (FNRS) by NMFS.

C.7 CLAUSES INCORPORATED BY REFERENCE

C.7.1 CAR 1352.237-71 SECURITY PROCESSING REQUIREMENTS—LOW RISK CONTRACTS (APR 2010)

(Reference 48 CFR 1337.110-70)(c))

C.7.2 CAR 1352.237-73 FOREIGN NATIONAL VISITOR AND GUEST ACCESS TO DEPARTMENTAL RESOURCES (APR 2010)

Reference 48 CFR 1337.110-70)(e))