General Processing:

1. Drop down menus are preferred for Area selection (GOM, ATL, NED).
   a. For transmission purposes, GOM = 1, ATL = 2, NED = 3.

2. Date to be manually entered or drop down menu:

   A. The fields 'MONTH' and 'DAY', should be limited to two (2) numeric characters each. 'Month' and 'Day' should be appropriately range checked; 01 - 12 for month and 01 - 31 for day; employ a drop-down date menu, if feasible. The field "YEAR" should be limited to four (4) numeric characters. "Year" should be appropriately range checked; 2014 or higher year.

3. Set to be manually entered or drop down menu:

   a. Set Number on Trip: (1-60)
      i. Type: Numeric, 1 or 2-Digits
     ii. Valid values: 0-9
    iii. Range Checks: 1-60

4. Pelagic Longline or Purse Seine selection with Pelagic Longline reported as "1" and Purse Seine reported as "2".
   a. If Pelagic Longline selected, number of Hooks must be manually entered:
      i. Number of hooks: (100-5000)
          1. Type: Numeric, 3 to 4-Digits
          2. Valid values: 0-9
          3. Range Checks: 100-9999
   b. If Purse Seine selection, Number of Hooks should default to "0".

5. "Were there Bluefin interactions on this set?"
   a. If YES block checked, continue with remaining form.
   b. If NO block checked, populate remaining form with zeros.

6. ALIVE, DEAD, DISCARDED LIVE, DISCARDED DEAD, RETAINED entries:
   a. Type: Numeric, 1 to 3-Digits
   b. Valid values: 0-9
   c. Range Checks: 0-200

    d. Items not entered would populate with "O" for
       reporting   purposes.

    e. TOTAL NUMBERS should add ALIVE entry fields to
       populate Discarded Alive field, should add DEAD
       entries to populate Discarded Dead field, and should
       add NUMBER RETAINED entries to populate Retained
       field.

Any commas placed in an entry field by user must be stripped out prior to transmission. Fields without a value provided by the vessel should be zero filled when sent to NMFS.

General Processing:

First eight (8) fields are mandatory for the user to fill in and send the form. (Area, Month, Day, Year, Set Number, Pelagic Longline/Purse Seine, Hook Number, Bluefin Interaction).

Vendor Processing/Transmission format:

If the BLUEFIN INTERACTION (Yes/No) is filled with a NO, then remaining fields are not required to be completed and shortened report will be sent as identified below.

(Date, Time Sent, Latitude, Longitude, Area, Date of Set, Set Number, Pelagic Longline/Purse Seine, Number of Hooks, No Bluefin Interactions)

Example: 12/03/2014 16:04:00, 27.7578333,-82.636,1,12/03/2014,1,1,1800,N

If the BLUEFIN INTERACTION (Yes/No) is filled with a YES, then remaining fields are required to be completed and full report will be sent. Fields not manually entered will be populated with a "0" for reporting purposes.

(Date, Time Sent, Latitude, Longitude, Area, Date of Set, Set Number, Pelagic Longline/Purse Seine, Number of Hooks, Yes Bluefin Interactions, < 27 (Alive/Dead), 27 – 47 (Alive/Dead), 47 – 59 (Alive/Dead), 59 – 73 (Alive/Dead), 73 – 81 (Alive/Retained), > 81 (Alive/Retained)

Example: 12/03/2014 16:04:00, 27.7578333,-82.636,1,12/03/2014,1,1,1800,Y,0/0,0/1,1/2,2/0,0/0,1/1

The form name should be FORM.SER.HMS_BLUEFIN.1. Current form transmission and delivery procedures will not change and should

follow existing delivery procedures for standard vessel positional data.