

# **Regulations relating to position reporting and electronic reporting for Norwegian fishing and hunting vessels**

*Adopted by the Ministry of Fisheries and Coastal Affairs (now the Ministry of Trade, Industry and Fisheries) on xxxxxxxx under sections 34, 35, 36, 37, 39, 43 and 59 of the Act of 6 June 2008 No. 37 relating to the management of wild living marine resources (Marine Resources Act).*

## **CHAPTER I. GENERAL PROVISIONS**

### **Section 1 Purpose**

The purpose of these regulations is to facilitate the effective regulation of fisheries, better control of the extraction of resources and a better basis for statistics and research using electronic systems and digital communication for reporting activity and catches.

### **Section 2 Substantive and geographical scope**

These regulations apply to Norwegian fishing and hunting vessels regardless of where they are.

The term “fishing or hunting vessel” here means vessels of any type that are equipped for or engaged in commercial fishing or hunting operations or vessels that assist the fishing fleet, including transport vessels to which catches are transhipped, search vessels and experimental fishing vessels.

### **Section 3 Requirements relating to tracking devices**

Norwegian fishing and hunting vessels to which section 7 apply shall have on board a position tracking device that meets the requirement of the Regulations of 24 March 2010 No 454 on requirements for equipment and installation of tracking devices.

It is prohibited to turn off, damage, destroy or in any other way interfere with tracking devices.

The master of a fishing vessel shall ensure that the data are not altered in any way, that antennas connected to tracking devices are not blocked, that the power supply of tracking devices is not interrupted in any way and that tracking devices are not removed from the vessel.

### **Section 4 Requirements relating to electronic reporting and transmitting messages**

Norwegian fishing and hunting vessels shall transmit the reports specified in these regulations electronically to the Directorate of Fisheries. Only reporting systems which at any time meet the requirements of the Directorate of Fisheries for the generation, authentication and security of electronic messages and is approved by the Directorate of Fisheries can be used. The communications equipment in use shall at all times provide coverage in the areas where fishing is conducted.

The person in command of the fishing vessel has a duty to ensure that the reporting system installed on board is functioning satisfactorily. After installation and after significant changes to the system has been made the person in command of the fishing vessel shall transmit at least two electronic test messages.

The test message shall contain the following information:

Data element:	Code	Mandatory/optional	Remarks
Type of message	TM	M	AUD, test message
Record number	RN	M	Serial number of the report in the current year
Sequence number	SQ	O	Serial number of the report from the vessel to the final recipient in the current year
Radio call sign	RC	M	International radio call sign of the vessel
Vessel name	NA	O	Name of the vessel
External registration number	XR	O	Registration number of the vessel
Name of master	MA	M	Name of master
Date	DA	M	UTC date of transmission from the vessel (YYYYMMDD)
Time	TI	M	UTC time of transmission from the vessel (HHMM)
Comment	MS	O	Optional free text

## Section 5 Return message if transmitting reports electronically

Electronic reports sent in accordance with these regulations to the Directorate of Fisheries will automatically be confirmed by a return message (message type RET). If the report is received without errors, the return message will have the return status ACK (acknowledged). If the report is received with errors, the return message will have the return status NAK (not acknowledged).

An electronic message sent in accordance with these regulations is not considered to be received by the Directorate of Fisheries if the report is not confirmed by a return message or the return message has the return status NAK.

If the return message has the return status ACK, this is confirmation that the report has been received by the Directorate of Fisheries, and that the format and mandatory fields have been checked and approved. Return status ACK does not mean that the report otherwise has been checked for compliance with the legislation and for factual accuracy.

Return messages shall contain the following information:

Data element:	Code	Mandatory/optional	Remarks
Type of message	TM	M	RET, return message from the Directorate of Fisheries

Record number	RN	M	Record number of the report received
From	FR	M	NOR for the Norwegian FMC
Radio call sign	RC	M	International radio call sign of the vessel
Return status	RS	M	Code showing whether the message is acknowledged or not (ACK or NAK)
Return error code	RE	M	Number showing the type of error, see Appendix 2
Date	DA	M	UTC date of transmission of the RET message (YYYYMMDD)
Time	TI	M	UTC time of transmission of the RET message (HHMM)
Version number	MV	O	Whole number showing the version number copied from the report received if the latter contains a version number
Sequence number	SQ	O	Sequence number copied from the report received if the latter contains a sequence number

## **Section 6      Costs**

Costs related to purchase, installation and use of equipment in accordance with these regulations shall be covered by the owner of the vessel. Expenses related to the use of such equipment can in special circumstances be covered by the Directorate of Fisheries.

## **CHAPTER II. POSITION REPORTING**

### **Section 7      Substantive scope for position reporting**

The provisions in this chapter apply to Norwegian fishing and hunting vessels:

- a) with a total length of 15 metres or more regardless of where they are,
- b) with a total length below 15 metres in waters beyond national jurisdiction, and
- c) with a total length of 12 metres and above outside four nautical miles from the baselines in the Skagerrak, bounded on the west by a straight line running through the Lindesnes lighthouse and the Hanstholm lighthouse and on the south by a straight line running through the Skagen lighthouse and the Tistlarna lighthouse,
- d) harvesting seaweed
- e) with a total length of 12 metres and above in the EU zone.

### **Section 8      Position reporting**

Vessels in accordance with section 7 first paragraph:

- a) letters a) and b) shall once per hour automatically report the vessel's position to the Directorate of Fisheries.
- b) letter c) shall once every half hour automatically report the vessel's position to the Directorate of Fisheries.

- c) letter d) shall at least every 10 minutes automatically report the vessel's position to the Directorate of Fisheries.

The Directorate of Fisheries may collect report of the position of individual vessels with greater frequency than those specified in this provision.

Position reports shall contain the following information:

- a) Unique identification of the vessel;
- b) the vessel's geographical position at the moment of reporting reporting with a position error of less than 500 meters and a confidence interval of 99%;
- c) date and time of the vessel's position,
- d) the speed and course at the moment of reporting and
- e) identification of the type of report that is sent.

When a vessel has sent automatic position reports in accordance with subsections one and two from the same position for more than four hours, such reports can be sent once every twelve hours.

### **Section 9 Position reporting for specific vessel groups and special cases**

The Directorate of Fisheries may impose reporting obligations in accordance with section 8 for certain groups of Norwegian fishing and hunting vessels, if international obligations or special circumstances so warrant.

The Directorate of Fisheries may in special cases grant exemptions from reporting obligations mentioned in section 8 for delimited periods.

## **CHAPTER III. ELECTRONIC REPORTING**

### **Section 10 Substantive and geographical scope for electronic reporting**

The provisions in this chapter apply to Norwegian fishing and hunting vessels:

- a) with a total length of 15 metres or more engaged in fishing and hunting,
- b) with a total length below 15 metres engaged in fishing and hunting in waters beyond national fisheries jurisdiction, and
- c) with a total length of 12 meters and above engaged in fishing and hunting outside four nautical miles from the baselines in the Skagerrak, bounded on the west by a straight line running through the Lindesnes lighthouse and the Hanstholm lighthouse and on the south by a straight line through the Skagen lighthouse and the Tistlarna lighthouse,
- d) harvesting seaweed,
- e) with a total length of 12 metres and above engaged in fishing and hunting in the EU zone.

### **Section 11 Reporting of departure from port**

Vessels in accordance with section 10 shall send a report of departure no later than two hours after departing from the port, but before fishing starts. The report shall be sent irrespective of whether the vessel has landed any catch. The departure from the port is defined as the moment the vessel is no longer docked or moored to the quay.

Report of departure from port shall contain the following information:

Data element:	Code	Mandatory/ optional	Remarks
Type of message	TM	M	DEP, departure from port report
Record number	RN	M	Serial number of the report in the current year
Sequence number	SQ	O	Serial of the report from the vessel to the final recipient in the current year
Radio call sign	RC	M	International radio call sign of the vessel
Vessel name	NA	O	Name of the vessel
External registration number	XR	O	Registration number of the vessel
Name of master	MA	M	Name of master
Date of report	DA	M	UTC date of transmission from the vessel (YYYYMMDD)
Time of report	TI	M	UTC time of transmission from the vessel (HHMM)
Port of departure	PO	M	International code of port of departure, ISO alpha 2 country subdivision code + 3 letter port code UN / LOCODE (The United Nations code for Trade and Transport Locations.)
Date of departure	ZD	M	UTC date of departure from the port (YYYYMMDD)
Time of departure	ZT	M	UTC time of departure from the port (HHMM).
Volume of catch	OB	M	Volume of catch on board by species (FAO species code) live weight in kilograms, in pairs as needed.
Date of catch	PD	M	UTC date of fishing start (YYMMDD). Vessels engaged only in transshipment shall specify the expected date of the first transshipment.
Time of catch	PT	M	Expected UTC time of fishing start (HHMM). Vessels engaged only in transshipment shall specify the expected time of the first transshipment.
Latitude	LA	M	Estimated latitude for start of fishing. N/SGGDD (WGS-84) Vessels engaged only in transshipment shall specify the expected latitude of the first transshipment.
Longitude	LO	M	Estimated longitude for start of fishing. N/SGGDD (WGS-84) Vessels engaged only in transshipment shall specify the expected longitude of the first transshipment.
Specification of	AC	M	See appendix 6.

activity			
Directed species	DS	M	Planned directed species (FAO species code), specify only one
Cancellation code	RE	O	Error code showing that there is a cancellation, see appendix 2.

## Section 12 Catch reporting

Vessels in accordance with section 10 shall send a catch report (DCA) when report of departure from port (DEP) is sent. The report shall be sent at least once daily and no later than 23.59 UTC (Coordinated Universal Time). The report shall specify the catch taken in the period from 00.00 to 23.59 UTC. Should further fishing operations end before 23.59 UTC, but after the catch report (DCA) is sent, a new catch report (DCA) where these fishing operations are described must be sent by 23:59 UTC.

Catch reports (DCA) are to be sent regardless of whether the vessel has fished since the previous report. Notification shall also be sent:

- a) when the Directorate of Fisheries or the Coast Guard demands it,
- b) by inspection at sea,
- c) after and on the same day as a report of departure from port is sent,
- d) on the same day and before a port report is submitted,
- e) on the same day and before the vessel enters international waters or other countries' territorial waters.

When the fishery is ended and a port report is sent, the catch report obligation ends.

The information specified in block B shall be given for each fishing operation and shall be registered consecutively after each fishing operation ends. Information on several fishing operations can be registered at the same time. A fishing operation lasts from the time when a fishing gear (meaning any gear linked together to form a single unit) is deployed until the time when it is hauled from the sea. The fishing operation ends when the gear has been retrieved from the sea. Vessels that are gill netting or long-lining may provide the information specified in block B per day (24-hour period). Vessels that harvest seaweed from different harvesting fields within the same day, shall give information specified in block B per field and shall do so before changing fields.

Catch reports (DCA) shall contain the information specified in block A and B:

Block A Data element	Code	Mandatory/ optional	Remarks
Type of message	TM	M	DCA, detailed catch activity report
Report number	RN	M	Serial number of the report in the current year
Sequence number	SQ	O	Serial number of the report from the vessel to the final recipient in the current year
Radio call sign	RC	M	Vessel's international radio call sign
Vessel name	NA	O	Name of the vessel
External	XR	O	Registration number of the vessel

registration number			
Name of master	MA	M	Name of master
Date	DA	M	UTC date of transmission from the vessel (YYYYMMDD)
Time	TI	M	UTC time of transmission from the vessel (HHMM)
Fishing permit	QI	M	See appendix 5. If fishing is done on multiple permits within a day, separate catch reports (DCA) are to be sent.
Fishing activity	AC	M	Main activity of the vessel. See appendix 6.
Return error code	RE	O	Return error code used to indicate that the report is a correction report, see appendix 2
Report version	MV	O	The new report version will completely replace the previous version and must therefore contain all the data in proper form. All versions of a message shall have the same RN.
Port	PO	(M)	The name of the landing port. ISO alpha 2 country code + 3 letter port code UN/LOCODE (The United Nations code for Trade and Transport Locations.) (M): Mandatory if fishing is ended
Block B	Code	Mandatory/ optional	Remarks
Data element			
Block date	BD	M	UTC date of start of fishing operation (YYYYMMDD)
Block time	BT	M	UTC time of start of fishing operation (HHMM)
Start zone	ZO	M	Zone where fishing operation starts (LT, LG) (ISO alpha-3 codes). See Appendix 4
Start latitude	LT	M	Latitude for start of fishing operation, decimal degrees (WGS84)
Start longitude	LG	M	Longitude for start of fishing operation, decimal degrees (WGS84)
Fishing gear	GE	M	FAO gear code
Gear specification	GS	(M)	1 = single trawl, 2 = double trawl, 3 = triple trawl  (M): Mandatory if using a trawl
Mesh size	ME	(M)	Mesh size of the fishing gear in millimetres (mm). (M): Mandatory if vessel is trawling, gill netting or purse seining
Gear problems	GP	M	1 = empty net, 2 = net burst, 3 = split, 4 = broken meshes in codend (tear in codend), 5 = lost gear, 6 = other, 7 = missed shot whale, 8 = lost whale, 0 = no gear problems

End latitude	XT	M	Latitude for end of fishing operation, decimal degrees (WGS84)
End longitude	XG	M	Longitude for end of fishing operation, decimal degrees (WGS84)
Duration	DU	M	Duration of the fishing operation in minutes
Pumping from	TF	(M)	International radio call sign of the donor vessel. (M): Mandatory if the data element AC in Block A is given as REL or if catches are transhipped from another vessel
Fishing operation (quantity of deployed gear)	FO	(M)	Total number of hooks or total length of gillnets deployed (metres per day) (M): Mandatory if vessel is longlining or gill-netting
Stock specification	SS	(M)	NOR01 = Norwegian spring-spawning herring NOR02 = North Sea herring (M): Mandatory if the CA field contains HER (Norwegian spring-spawning herring or North Sea herring).
Catch	CA	M	Total quantity by species (FAO species code) from this fishing operation, live weight in kilograms, in pairs by species (FAO code). Bycatch of marine mammals and seabirds is written under this data element given in pairs by species (FAO code) and number. Bycatch of live coral and live sponges is written under this data element given in pairs by species (FAO code) and kilograms live weight. Overview of FAO codes for fish, marine mammals, seabirds, live coral and live sponges is found on <a href="http://www.fiskeridir.no">www.fiskeridir.no</a> . If data element GE in Block B is provided as HAR (harpoon). If so, one block B is to be reported for each animal/every catch operation.
Individual number	IN	(M)	Value 1-999 per year. (M): Mandatory if data element GE in Block B is provided as HAR (harpoon) and there are no missed shots (GP = 7). The same IN which is sent manually in error situations, must be used when the report is registered and submitted electronically.
Sex	SE	(M)	When catch is male report 1, when female report 2. (M): Mandatory if data element GE in Block B is provided as HAR (harpoon) and there are no missed shots (GP = 7) or lost whale (GP = 8)
Length	LE	(M)	Animal length shall be reported in centimetres (cm). (M): Mandatory if data element GE in Block B is provided as HAR (harpoon) and there are no missed shots (GP = 7) or lost whale (GP = 8)
Circumference	CI	(M)	Animal circumference shall be reported in centimetres (cm). (M): Mandatory if data element GE in Block B is



			provided as HAR (harpoon) and there are no missed shots (GP = 7) or lost whale (GP = 8)
Blubber measurement	BM	(M)	3 (A, B and C) blubber measurement shall be reported in millimetres (mm). (M): Mandatory if data element GE in Block B is provided as HAR (harpoon) and there are no missed shots (GP = 7) or lost whale (GP = 8)
Grenade number	GN	(M)	Number on grenade used during catch. (M): Mandatory if data element GE in Block B is provided as HAR (harpoon).
Length of foetus	LF	(M)	Length of foetus shall be reported in centimetres (cm). (M): Mandatory if data element GE in Block B is provided as HAR (harpoon) and the sea mammal is carrying foetus.

### Section 13 Port reporting

Vessels in accordance with section 10 shall, regardless of whether catch is to be landed, send a port report (POR) no later than 2 hours before entering a port. Vessels conducting the last fishing operation closer than 2 hours to the port, shall as soon as possible before the port entry send a port report. The same applies to vessels to tranship catches to cages less than 2 hours from the port.

Vessels intended to supply catches of seaweed to a receiving vessel which is docked (transshipment) are exempt from the requirement to send a port report (POR). The same applies for vessels to lie in port while receiving catches of seaweed.

Vessels which will conduct partial landings shall send a POR-report for each landing. If the vessel is required to move to conduct the partial landing and catch operations are conducted during move, there is no requirement to send reports as specified in sections 11 and 12 until the next POR-report is sent. In these cases the deadline indicated in the first paragraph applies only for the first landing.

Vessels that have received catches from another vessel shall, regardless of where the transshipment was conducted, send a port report (POR) no later than 24 hours before landing in a Norwegian port.

Vessels flying the Norwegian flag, including transport vessels, which have catch on board caught by foreign vessels in the NEAFC Convention area and are to land or otherwise use Norwegian ports, shall comply with the Regulations on 13 May 1977 no. 2 on foreigners fishing and catch in the Norwegian economic zone and landings or for other uses of the Norwegian port, section 13. A vessel flying the Norwegian flag, including transport vessels, which have catch on board caught by foreign vessels in the NAFO Regulatory Area and which are to land in Norwegian ports, shall send a report at least 3 working days prior to their arrival in the port.

Port reports shall contain the following information:

Data element	Code	Mandatory/ optional	Remarks
Type of message	TM	M	POR, port report
Report number	RN	M	Serial number of the report in the current year
Sequence number	SQ	O	Serial number of the report from the vessel to the final recipient in the current year
Radio call sign	RC	M	Vessel's international radio call sign
Vessel name	NA	O	Name of the vessel
External registration number	XR	O	Registration number of the vessel
Name of master	MA	M	Name of master
Date	DA	M	UTC date of transmission from the vessel (YYYYMMDD)
Time	TI	M	UTC time of transmission from the vessel (HHMM)
Port	PO	M	Name of port, ISO alpha-2 country code + 3-letter port code, UN/LOCODE (United Nations Code for Trade and Transport Locations)
Landsite	LS	(M)	Name of buyer or other specifications describing exactly where in the port the landing will take place, given in free text (max 60 characters). (M): Mandatory if landing catches
Predicted date	PD	M	Estimated date UTC for coming to port (YYYYMMDD)
Predicted time	PT	M	Estimated time UTC for coming to port (HHMM)
Quantity on-loaded or off-loaded	KG	(M)	Quantity by species (FAO species code) to be landed, live weight in kilograms, in pairs as needed. (M): Mandatory if landing catches
Quantity on board	OB	M	Quantity by species (FAO species code) on board before landing, live weight in kilograms, in pairs as needed
Cancellation	RE	O	Error code showing that there is a cancellation, see appendix 2.

#### **Section 14 Electronic reporting for certain vessel groups and special cases**

The Directorate of Fisheries may for certain groups of Norwegian fishing and hunting vessels impose reporting obligations as mentioned in sections 11, 12 and 13 if international obligations or special circumstances so warrant.

The Directorate of Fisheries may in special cases grant exemptions from reporting obligations mentioned in sections 11, 12 and 13 for delimited time periods.

## **CHAPTER IV. TRANSHIPMENT**

### **Section 15 Substantive and geographical scope of transhipment reporting**

Norwegian fishing and hunting vessels conducting transhipment in waters under Norwegian fisheries jurisdiction, in international waters and in other countries' zones are covered by the provisions of this chapter. This chapter also applies to vessels carrying out transhipment of seaweed. Transhipment is defined as any transfer of catches at sea from a vessel to another vessel, including the transfer to and from cages and so forth.

It is not permitted to tranship catches to other vessels than those that hold fishing licences under section 4 of the Regulations of 13 May 1977 No. 2 relating to fishing and hunting operations by foreign nationals in the Economic Zone of Norway and landings in Norwegian ports and that are from member states of the EU, Russia, the Faroe Islands, Greenland, Iceland or Norway, or from states that have been granted the status of cooperating non-Contracting Parties by NEAFC.

Vessels used only for transhipment in Norwegian waters are exempt from the requirement to report the catches, cf. section 12.

### **Section 16 Transhipment reporting**

Vessels in accordance with section 15 that are to off-load catches shall send a transhipment report to the Directorate of Fisheries no later than 24 hours before transhipment starts. Vessels off-loading seaweed catches are to report transhipment no later than one hour after the transhipment has ended.

Notwithstanding the first paragraph, vessels referred to in section 15 that are to off-load catches by closing in the catch shall send a transhipment report to the Directorate of Fisheries no later than 2 hours before the transhipment starts. This also applies if it shall carry out a transhipment between Norwegian vessels for production on the receiving vessel. If the fishing operation or closing operation is an interconnecting process, the transhipment report shall be sent as soon as possible when the closing operation is completed. The same applies to vessels conducting a partial landing of catch to port before transferring the residual quantities to a cage, where the cage is less than 2 hours from the port.

Vessels in accordance with section 15 that have received catches shall immediately and no later than one hour after each transhipment operation is completed send an electronic transhipment report to the Directorate of Fisheries.

Vessels that off-load catches of seaweed multiple times during a day can send a daily transhipment report. The report shall be sent no later than 23.59 UTC. The report shall specify the total catches transhipped to a vessel in the period from 00.00 to 23.59 UTC. If the vessel off-loads catches to different receiving vessels during the same day, the vessel must send a transhipment report for each recipient vessel. This also applies to vessels that receive multiple seaweed catches during a day.

Transshipment reports shall contain the following information:

Data element	Code	Mandatory/ optional	Remarks
Type of message	TM	M	TRA, transshipment report
Record number	RN	M	Serial number of the report in the current year
Sequence number	SQ	O	Serial number of the report from the vessel to the final recipient in the current year
Radio call sign	RC	M	Vessel's international radio call sign
Vessel name	NA	O	Name of the vessel
External registration number	XR	O	Registration number of the vessel
Name of master	MA	M	Name of master
Date	DA	M	UTC date of transmission from the vessel (YYYYMMDD)
Time	TI	M	UTC time of transmission from the vessel (HHMM)
Latitude	LA	M	Estimated latitude for the transshipment, decimal degrees N/SGGDD (WGS-84)
Longitude	LO	M	Estimated longitude for the transshipment, decimal degrees E/WGGGDD (WGS-84)
Quantity on board	OB	(M)	Quantity by species (FAO species code) on board before the transshipment, live weight in kilograms, in pairs as needed. (M): Mandatory if the vessel is off-loading a catch
Quantity on-loaded or off-loaded	KG	M	Quantity by species (FAO species code) to be on-loaded or off-loaded, live weight in kilograms, in pairs as needed
Transhipped from	TF	(M)	International radio call sign of the donor vessel. (M): Mandatory if the vessel is off-loading a catch
Transhipped to	TT	(M)	International radio call sign of the receiving vessel. (M): Mandatory if the vessel is off-loading a catch
Predicted date	PD	(M)	Estimated date UTC for the transshipment (YYYYMMDD). (M): Mandatory if the vessel is off-loading a catch
Predicted time	PT	(M)	Estimated time UTC for the transshipment (HHMM). (M): Mandatory if the vessel is off-loading a catch
Return error code	RE	O	Return error code used to indicate that the report is a cancellation or a correction report, see appendix 2

### **Section 17 Transshipment for specific vessel groups**

The Directorate of Fisheries may exempt certain groups of Norwegian fishing and hunting vessels from the reporting requirements specified in section 16 for delimited time periods.

## **CHAPTER V. ACCESS TO INFORMATION, CORRECTION, CANCELLATION AND TECHNICAL ERRORS**

### **Section 18 Access to own reports**

Reports submitted in accordance with these regulations shall upon request be made available for the vessel owner.

### **Section 19 Reports that may be corrected and cancelled**

Catch reports in accordance with section 12 may be corrected until 12.00 UTC the day after such a report has been sent or until a port report is sent, if the return report specifies report status ACK.

Report of departure from port in accordance with section 11, port reports in accordance with section 13 and transshipment reports in accordance with section 16 may be cancelled by sending a new report including a cancellation code. This means that the previously sent report is nullified. The report containing the cancellation code must be identical to the report to be cancelled, and must therefore have the same RN as the report to be cancelled. The new report must be sent in accordance with applicable regulations with new RN.

### **Section 20 Technical errors and errors with lines of communication**

In the event of technical errors in the electronic reporting systems vessels shall:

- a) Make position reports manually and send them via e-mail or telefax to the Directorate of Fisheries at least once every four hours.
- b) Make messages specified in Chapters III and IV manually and send them via e-mail or telefax to the Directorate of Fisheries within the regular deadline.

If an error occurs with the lines of communication, making it impossible to submit position reports and other reports, they shall be printed or written manually and sent via e-mail or telefax to the Directorate of Fisheries within the regular deadline.

Position reports and other reports shall also be stored in the reporting system for transmission when communication lines or the electronic reporting systems are working.

### **Section 21 Requirements to correct malfunctioning**

If a vessel's tracking device or electronic reporting system is malfunctioning so that the requirements of these regulations cannot be met, the vessel may not start fishing operations again until it has reporting equipment that meets the requirements of these regulations, unless it is granted an exemption from the Directorate of Fisheries to start fishing operations.

If a fault arises in the electronic reporting system while the vessel is on the fishing grounds, the equipment must be repaired or replaced as soon as the vessel reaches port.

## **CHAPTER VII. REGULATORY POWERS, PENAL MEASURES AND ENTRY INTO FORCE**

### **Section 22 Authorisation**

The Directorate of Fisheries may amend these regulations and lay down further provisions on reporting. The Directorate of Fisheries may also adopt further provisions on the implementation of the reporting requirements, including rules on control of the provisions of these regulations and rules on requirements relating to equipment.

### **Section 23 Violation fines**

Enterprises and persons who wilfully or negligently contravenes the provisions of Chapters I to III of these regulations or regulations issued in accordance with these are subject to administrative fines under the law of June 6 2008 no. 37 on the management of wild living marine resources section 59 and Regulation 20. December 2011 No. 1437 on the use of coercive and violation penalties for violations of the Marine Resources Act.

### **Section 24 Penalties**

Any person who wilfully or negligently contravenes the provisions of these regulations is liable to a penalty under sections 62 and 64 of the Act of 6 June 2008 No. 37 relating to the management of wild living marine resources (Marine Resources Act).

### **Section 25 Entry into force**

These regulations enter into force immediately. Regulation February 16 2005 no. 151 concerning the reporting of catches of Norwegian vessels and Regulation April 7 1999 no. 387 on satellite-based monitoring of fishing vessel activity is simultaneously repealed. The reporting obligation for vessels over 21 meters in accordance with the Regulations of 16 February 2005 no. 151 concerning the reporting of catches for Norwegian vessels still applies until July 1 2010, ref. section 10 first paragraph a.

## **Appendix 1**

### **Reporting systems approved by the Directorate of Fisheries**

An updated list of reporting systems approved by the Directorate of Fisheries is available at [www.fiskeridir.no](http://www.fiskeridir.no).

## **Appendix 2**

### **Error codes**

Error codes are codes used either to notify that something is wrong, or if the sender wishes to cancel or correct a previously sent report. New error codes are created continuously, including in connection with preparation of control routines. Furthermore, during the implementation of the systems detailed instructions for what to do when the various error codes occur are developed.

An updated list of error codes is available on the Directorate of Fisheries website:

[www.fiskeridir.no/fiske-og-fangst/n/feilkodelister](http://www.fiskeridir.no/fiske-og-fangst/n/feilkodelister)

### Appendix 3

#### Manual transmission of reports in the event of technical errors

If an error occurs with position reporting or electronic reporting while fishing is taking place, messages shall be sent manually to the Directorate of Fisheries via:

- E-mail: [FMC@fiskeridir.no](mailto:FMC@fiskeridir.no), or
- Fax: +47 55 23 82 76.

Messages are in these cases formed as shown below:

##### *1. Report of departure from port (DEP)*

Manual report of departure from port is to be sent unless an exemption to start fishing is granted from the Directorate of Fisheries and shall be written as follows:

Example 1 (When the vessel has catch on board at the time the fishing starts):

Fish species can be entered in writing or by FAO species codes.

TM = DEP

RN = Given as if the message had been sent electronically. Otherwise use the word UNKNOWN

SQ = If SQ is not in use, leave the field blank. If SQ is in use, it is to be reported as if the message would have been sent electronically. Otherwise use the word UNKNOWN

RC = RADIO50

NA = KONTIKI

XR = M-101-AK

MA = HANS HANSEN

DA = 20090929 (time of reporting, date and time in UTC)

TI = 2050

PO = NOTRD or Trondheim in writing if the code is unavailable

ZD = 20090929 (port of departure, date and time in UTC)

ZT = 1930

OB = COD 50000, HAD 13000, POK 25600, LIN 11300

PD = 20090930 (expected fishing start, date and time in UTC)

PT = 0100

LA = N6432

LO = E00915

AC = FIS

DS = COD

RE = Field is to be left blank on the initial report. Upon cancellation of a previously sent report, a copy of the message itself must be sent where the code 521 is entered in the RE, indicating cancellation.

Example 2 (When the vessel has no catch on board at the time the fishing starts):

As above, with the exception of OB = 0.

## 2. Catch report (DCA)

Manual catch report shall be written as follows:

*Block A*

TM = DCA

RN = Given as if the message had been sent electronically. Otherwise use the word UNKNOWN

SQ = If SQ is not in use, leave the field blank. If SQ is in use, it is to be reported as if the message would have been sent electronically. Otherwise use the word UNKNOWN

RC = RADIO50



NA = KONTIKI

XR = M-101 AK

MA = 'Peder Aas'

DA = 20090930

TI = 2300

QI = 1

AC = FIS

RE = Field is to be left blank on the initial report. Upon cancellation of a previously sent report, a copy of the message itself must be sent where the code 511 is entered in the RE, indicating cancellation.

MV = 1 if this is the original report. Subsequent reports increase this number by 1 for every correction version.

PO = Blank if fishing is not concluded. Otherwise NOBGO or Bergen in writing if the code is not available.

*Block B is to be repeated for every fishing operation*

BD = 20090930

BT = 0130

ZO = NOR

LT = 64.790

LG = 9.041

GE = OTB

GS = 2

ME = 120

GP = 0

XT = 65.010

XG = 8.901

DU = 48

TF = LLMF

SS = Blank if there is no fishing for herring

CA = COD 500, HAD 100

*Block B is repeated for each whale fishing operation*

BD = 20090930

BD = 20090930

BT = 0130

ZO = NOR

LT = 64.790

LG = 9.041

GE = HAR

GP = 0

XT = 65.010

XG = 8.901

DU = 48

CA = minke whale 2100

IN = 12

SE = 2

LE = 670

CI = 300

BM = A35 B142 C38

GN = 12-0050

LF = 60

### 3. Port reports (POR)

Manual port report shall be written as follows:

Example 1 (When the catch is to be landed)

TM = POR

RN = Given as if the message had been sent electronically. Otherwise use the word UNKNOWN

SQ = If SQ is not in use, leave the field blank. If SQ is in use, it is to be reported as if the message would have been sent electronically. Otherwise use the word UNKNOWN

RC = RADIO50

NA = KONTIKI

XR = M-101 AK

MA = 'Peder Aas'

DA = 20091001

TI = 0830

PO = NOAES or ÅLESUND in writing if the code is unavailable

LS = Olsen Brothers' quay

PD = 20091001

PT = 1100

KG = COD 65000, HAD 14000

OB = COD 100000, HAD 14000

RE = Field is to be left blank on the initial report. Upon cancellation of a previously sent report, a copy of the message itself must be sent where the code 521 is entered in the RE, indicating cancellation.

Example 2 (When the catch is not to be delivered)

As above, with the exception of KG = 0.

#### 4. *Transshipment report (TRA)*

Manual transshipment report shall be written as follows:

Example 1 (When catches are transhipped from another vessel):

TM = TRA

RN = Given as if the message had been sent electronically. Otherwise use the word UNKNOWN

SQ = If SQ is not in use, leave the field blank. If SQ is in use, it is to be reported as if the message would have been sent electronically. Otherwise use the word UNKNOWN

RC = RADIO50

NA = KONTIKI

XR = M-101 AK

MA = 'Peder Aas'

DA = 20090930

TI = 0600

OB = COD 100000, HAD 14000

KG = COD 10000

TF = RADIO60

LA = N6130

LO = E00400

PD = 20090930

PT = 1430

RE = Field is to be left blank on the initial report. Upon cancellation of a previously sent report, a copy of the message itself must be sent where the code 521 is entered in the RE, indicating cancellation.

Example 2 (When catch is transferred onto another vessel)

As above, but with TF replaced by TT and with the radio call sign of the vessel the catch is transhipped to.

#### Appendix 4

##### Specification of zones (ZO)

The following areas/zones and corresponding codes shall be used for the data element ZO.

Zone	Code
Norwegian Economic Zone	NOR
Fisheries Protection Zone around Svalbard	XSV
Territorial waters of Svalbard	XSI
Fisheries zone around Jan Mayen	XJM
Skagerrak	XSK
EU zone	XEU
Russian zone	RUS
Greenland zone	GRL
Faroese zone	FRO
Icelandic zone	ISL
NEAFC Regulatory Area	XNE
NAFO Regulatory Area	XNW
CCAMLR Regulatory Area	XCA

#### Appendix 5

##### Fishing permits (QI)

Fishing permit of the vessel

Code	Definition
1	Regular permit
2	Research permit
3	Education permit
4	Bait permit
5	Other
6	Haphazard fishing permit
7	Rental vessel permit

#### Appendix 6

## Vessel activities (AC)

### Main vessel activity

Code	Definition	Explanation
FIS	Fishing	FIS shall always be given as the main vessel activity if fishing operations have been carried out within the 24-period to which the report applies.
REL	Catch relocation	REL shall be used by vessels that are pumping catches on board from the sea that were caught by another vessel. A separate DCA report shall be sent if a catch is pumped from another vessel's fishing gear.
SCR	Scientific research	SCR shall be used by vessels engaged in scientific research within the 24-period to which the report applies.
STE	Cruising/Steaming	STE shall be used if no fishing operations have been carried out within the 24-period to which the report applies.
TRX	Transhipping	TRX shall be used by vessels that have been engaged in transhipping within the 24-period to which the report applies, but that have not carried out other fishing operations during this period.
SET	Setting gear	SET shall be used by vessels engaged in gillnetting or longlining in the Economic Zone and territorial waters of Norway, and that will only be setting gear during the 24-period to which the report applies.
ANC	Anchoring	ANC may be used when a vessel is anchored at sea.
DRI	Drifting	DRI may be used when a vessel is drifting.
GUD	Guard ship	GUD may be used if when a vessel is acting as a guard ship.
HAU	Hauling	HAU may be used when a vessel is hauling.
PRO	Processing	PRO may be used when a vessel is processing.
INW	Inactivity due to weather conditions	INW may be used when weather conditions prevent any activity.
SEF	Searching for fish when no fishing gear is used	SEF may be used when a vessel is searching for fish without using fishing gear.
OTH	Other	

