



Serial No. N6090

NAFO/FC Doc. 12/16  
(Adopted)**34<sup>th</sup> ANNUAL MEETING – SEPTEMBER 2012****Proposal to implement error codes for duplicated reports/messages received by the Secretariat****Background:**

In accordance with Measures (Annex II.D.2): *“If a Contracting Party so requests, the Secretary shall send a return message every time an electronic transmission of a report or message is received”*.

When FMC of such Contracting Party sends to the NAFO Secretariat via HTTPs any report or message it expects to receive the return message (RET) to be confirmed that electronic report or message was received and accepted/unaccepted in the NAFO data base. If the RET message was not received by FMC during the certain timeframe it attempts to resend such report or message to the NAFO Secretariat again. As practice shows, in such situation, in most cases FMC receives the RET message having NAK with misleading error number 102 (data value or size out of range) as reaction even on faultless repeated report or message.

It should be noted that the similar proposal was discussed at the meeting of Advisory Group for Data Communication (AGDC) in May 2011 and it was agreed to send the proposal to PECCOE for adoption (AGDC 2010-2-18rev1). PECCOE at its meeting held in October 2011 had considered and approved this proposal (PE 2011-03-15 rev1) and NEAFC at its annual meeting in November 2011 adopted it (NEAFC Recommendation 10:2012, part 1). Thus, NEAFC has introduced these new error codes starting from 2012.

**Proposal:**

Add two rows to the Annex II.D.2.B “Return error numbers”:

Subject/Annex	Errors		Error cause
	Follow-up action required	Accepted	
Communication	105		This report is a duplicate; attempt to re-send a report previously rejected
		155	This report is a duplicate; attempt to re-send a report previously accepted

**Recommendation 10: 2012**

**THE NORTH-EAST ATLANTIC FISHERIES COMMISSION AT ITS ANNUAL MEETING IN NOVEMBER 2011 ADOPTED, IN ACCORDANCE WITH ARTICLE 8 OF THE CONVENTION ON FUTURE MULTILATERAL COOPERATION IN NORTH-EAST ATLANTIC FISHERIES, AMENDMENTS TO ANNEX IX OF THE “SCHEME OF CONTROL AND ENFORCEMENT IN RESPECT OF FISHING VESSELS FISHING IN AREAS BEYOND THE LIMITS OF NATIONAL FISHERIES JURISDICTION IN THE CONVENTION AREA” AS FOLLOWS:**

**1. Add two rows to the Annex IX D 2b)**

Subject/Annex	Errors		Error cause
	Follow-up action required (NAK)	Accepted (ACK)	
<b>Communication</b>	<b>105</b>		This report is a duplicate and has got the status Not Acknowledge (NAK), because this was the status when received earlier
		<b>155</b>	This report is a duplicate and has got the status Acknowledge (ACK), because this was the status when received earlier

**2. Add new text to paragraph “Communication Security” of point 4 of Appendix 1 to Annex IX (new text underlined)****Communication Security**

Appropriate encryption protocols duly tested by the Secretariat and approved by the Commission shall be applied to ensure confidentiality and authenticity. Key management policy shall be in place to support the issue of cryptographic techniques, in particular, the integrity of the PKI (public key infrastructure) will be guaranteed by ensuring that digital certificates correctly identify and validate the party submitting the information.