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Russian Federal «Research Institute of Fisheries and Oceanography» (VNIRO) Federal State Budget Scientific Institute (FSBSI)

Polar branch of VNIRO («PINRO» named after N.M.Knipovich)

Directorate of Fisheries, Norway

JOINT NORWEGIAN-RUSSIAN TECHNICAL DESCRIPTIONS FOR PRODUCTS OF JOINT STOCKS IN THE BARENTS SEA AND NORWEGIAN SEA AND AGREED CONVERSION FACTORS

Norway, Russian Federation

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FOREWORD

This joint Norwegian-Russian document is published as a guide for the fishing industry, the fisheries management and the controlling bodies in the Russian Federation and Norway in their work to achieve a rational and efficient utilization of aquatic biological resources.

This document is the result of Norwegian-Russian cooperation in the "Working Group on conversion factors for products of joint stocks in the Barents and Norwegian Seas" between the following experts:

VNIRO (Moscow, Russian Federation):

Kharenko E.N., Dr.t.sc., Deputy Director for Science of VNIRO Sytova M.V., Ph.D., Scientific Secretary of VNIRO Penkin M.A., Cand. scient., Head of Laboratory of Rationing Jarisjevskaja N.N., Cand. scient., Head of Department of Rationing Bilchak E.V., Head of the International Protocol Sector

Polar branch of VNIRO («PINRO» named after N.M.Knipovich)

(Murmansk, Russian Federation):

Stepanenko V.V., Senior engineer of Laboratory of biochemistry and technologies

Piskunovich D.I., Senior specialist of Sector Rationing and standardization of Laboratory technology of processing of water biological resources, Polar filial of FGBNU VNIRO. *Sjapovalova L.*, Head of Sector of Rationing and standardization of

Laboratory technology of processing of water biological resources, Polar filial of FGBNU VNIRO.

Norwegian Directorate of Fisheries (Bergen, Norway):

Blom G., Dr. scient., Senior adviser, Statistics Department Kuhnle G.Aa., Senior adviser, Statistics Department Thorvik T., Senior adviser, Resource Department Havelin, T., Senior adviser, Statistics Department

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1. INTRODUCTION

This joint Norwegian-Russian document contains technical descriptions and photos for products of cod, *Gadus morhua*, haddock, *Melanogrammus aeglefinus*, Greenland halibut, *Reinhardtius hippoglossoides*, and beaked redfish, *Sebastes mentella*, and the corresponding official conversion factors of products of the given species in the Barents Sea and Norwegian Sea.

The main objective of this joint Norwegian-Russian document is to support the identification of products of cod, haddock, Greenland halibut and beaked redfish in the Barents Sea and Norwegian Sea.

Another objective is to establish uniform technical descriptions of the processing of products of cod, haddock, Greenland halibut and beaked redfish in the Barents Sea and Norwegian Sea.

2. BACKGROUND

2.1. NOTIONS

- 1) conversion factor conversion factor for the raw material use;
- 2) products processed fresh fish;
- 3) manual manual processing of fish;

4) **machine** - processing of fish with various processing equipment and machines. Some processing modes allow for manual and machine operations (e.g., fillets are produced by a Baader machine, while bones and belly flaps are removed manually (trimming).

2.2. FISH SPECIES

Table 1 presents names of fish species in Russian, Norwegian and English, as well as the scientific names of the fish species.

			Table 1.	
Fish species				
Russian common name	Norwegian common name	English common name	Scientific name	
Треска северо- восточная артктическая	Torsk	Cod	Gadus morhua	
Пикша северо- восточная артктическая	Hyse	Haddock	Melanogrammus aeglefinus	
Синекорый палтус	Blåkveite	Greenland halibut	Reinhardtius hippoglossoides	
Окунь-клювач	Snabeluer	Beaked redfish	Sebastes mentella	

2.3. CONVERSION FACTORS

The official joint Norwegian-Russian conversion factors for different products of cod, haddock, Greenland halibut and beaked redfish processed on board vessels in the Barents Sea and Norwegian Sea are shown in Appendix table 1 in the document:

"Joint Norwegian-Russian Technical Descriptions for Products of Joint Stocks in the Barents Sea and Norwegian Sea and Agreed Conversion Factors – Appendix 1: Joint Official Conversion Factors".

3. TECHNICAL DESCRIPTIONS OF PROCESSING OF PRODUCTS OF COD, HADDOCK, GREENLAND HALIBUT AND BEAKED REDISH IN THE BARENTS SEA AND NORWEGIAN SEA

3.1. PROCESSING OF COD

3.1.1. Product: Gutted Cod with Head, Manual

Technical description:

The production of gutted cod with head is done manually. The fish is slit, and cut along the mid-belly between the pectoral fins from the pharynx or the pelvic fins to the anal opening in such a way that the viscera are not damaged. All viscera are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin.



Fig. 3.1.1a. Photo of the product gutted cod with head, processed manually, without cutting of the throat.



Fig. 3.1.1b. Photo of the product gutted cod with head, processed manually, with cutting of the throat.

3.1.2. Product: Gutted Cod without Head Round cut, Manual or Machine

Technical description:

The production of gutted cod without head (round cut) is done by manual gutting, and the head is removed manually or by a machine (e.g. Baader 415). The fish is slit, and cut along the mid-belly between the pectoral fins from the pharynx or the pelvic fins to the anal opening in such a way that the viscera are not damaged. All viscera are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin. The head is removed with cuts along both sides of the gill cleft towards the front part of the neck. The neck is broken at the first neck vertebra, and the head is torn off. The neck meat, pectoral and pelvic fins are present on the body, and the gills present on the head.



Fig. 3.1.2. Photo of the product gutted cod without head (round cut), processed manually or by machine.

3.1.3. Product: Gutted Cod without Head, Right Cut, Manual

Technical description:

The production of gutted cod without head (right cut) is done by manual gutting, and the head is removed manually. The fish is slit, and cut along the midbelly between the pectoral fins from the pharynx or the pelvic fins to the anal opening in such a way that the viscera are not damaged. All viscera are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin. The head is removed with a transverse cut (perpendicular to the length direction of the body) from the neck to the belly in such a way that the pectoral and pelvic fins remain on the head.



Fig. 3.1.3. Photo of the product gutted cod without head (right cut), processed manually.

3.1.4. Product: Gutted Cod without Head and Earbones, Machine

Technical description:

The production of gutted cod without head and earbones is done by a machine (e.g. Baader 424, Baader 417 etc.) which removes the head together with the pectoral and pelvic fins with a bevel cut. The bevel cut goes from the occipital bone to the belly of the fish. All viscera are removed and the body cavity is properly cleansed of mucus and blood.



Fig. 3.1.4. Photo of the product gutted cod without head and earbones, processed by machine.

3.1.5. Product: Cod Fillet with Skin and Bones, Machine and/or Manual

Technical description:

The production of cod fillets with skin and pin bones in is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, earbones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skin, pin bones (11-17 pin bones) are present in the fillets. Parts of the fins may be present before final manual trimming.



Fig. 3.1.5. Photo of the product cod fillets with skin and bones (pin bones in), processed by machine.

3.1.6. Product: Cod Fillet Skinless, with Bones, Machine and/or Manual

Technical description:

The production of skinless cod fillets, with pin bones in is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, earbones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skins are removed by a skinning machine (e.g. Baader 51) in such a way that no flesh is present on the skins. Pin bones (11-17 pin bones) are present in the fillets. Parts of the fins may be present before final manual trimming.



Fig. 3.1.6. Photo of the product skinless cod fillets with bones (pin bones in), processed by machine.

3.1.7. Product: Cod Fillet, with Skin, Boneless, Machine and/or Manual

Technical description:

The production of boneless cod fillets with skin on is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Pin bones (11-17 pin bones) are removed manually with a narrow V-shaped cut covering the length of the body cavity. Parts of the fins may be present before final manual trimming.



Fig. 3.1.7. Photo of the product boneless cod fillets with skin, processed by machine (or by machine and manual operation).

3.1.8. Product: Cod Fillet, Skinless, Boneless, Machine and/or Manual

Technical description:

The production of boneless and skinless cod fillets is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, earbones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skins are removed by a skinning machine (e.g. Baader 51) in such a way that no flesh is present on the skins. Pin bones (11-17 pin bones) are removed manually with a narrow V-shaped cut covering the length of the body cavity. Parts of the fins may be present before final manual trimming.



Fig. 3.1.8. Photo of the product skinless cod fillets, processed by machine (or by machine and manual operation).

3.1.9. Product: Cod Fillet, with Skin, Boneless, without Belly flaps, Machine and/or Manual

Technical description:

The production of boneless cod fillets, with skin and without bellyflaps is done with filleting machines (e.g. Baader 190 with a pin bone cutter installed) where the backbone, fins, pin bones and belly flaps are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Pin bones (11-17 pin bones) and belly flaps are removed with a filleting machine with a pin bone cutter installed using a J-shaped cut. The product can also be produced by other filleting machines with manual removal of pin bones and belly flaps using a wide V-shaped or J-shaped cut. Parts of the fins may be present before final manual trimming.



Fig. 3.1.9. Photo of the product boneless cod fillets with skin and without belly flaps, processed by machine (or by machine and manual operation).

3.1.10. Product: Cod Fillet, Skinless, Boneless, without Belly flaps, Machine and/or Manual

Technical description:

The production of skinless, boneless and without belly flaps cod fillets is done with filleting machines (e.g. Baader 190 with a pin bone cutter installed) where the backbone, fins, pin bones and belly flaps are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skins are removed by a skinning machine (e.g. Baader 51) in such a way that no flesh is present on the skins. Pin bones (11-17 pin bones) and belly flaps are removed with a filleting machine with a pin bone cutter installed using a J-shaped cut. The product can also be produced by other filleting machines with manual removal of pin bones and belly flaps using a wide V-shaped or J-shaped cut. Parts of the fins may be present before final manual trimming.



Fig. 3.1.10. Photo of the product boneless skinless and without belly flaps cod fillets, processed by machine (or by machine and manual operation).

3.1.11. Product: Cod Loins, Skinless, Boneless, Machine (or by Machine and Manual operation)

Technical description:

The basis of this product is the production of cod fillets, skinless, boneless and without belly flaps (see Fig. 3.1.10). The loin is the front part of a skinless and boneless fillet without belly flaps, cut in two by a transversal cut (see the sketch below).



Fig. 3.1.11. The product cod fillets, skinless, boneless and without belly flaps is the basis product for further production of loins. The photo shows cod loins individually packed.

3.2. PROCESSING OF HADDOCK

3.2.1. Product: Gutted Haddock with Head, Manual

Technical description:

The production of gutted haddock with head is done manually. The fish is slit, and cut along the mid-belly between the pectoral fins from the pharynx or the pelvic fins to the anal opening in such a way that the viscera are not damaged. All viscera are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin.



Fig. 3.2.1.a Photo of the product gutted haddock with head, processed manually, without cutting of the throat.



Fig. 3.2.1.b Photo of the product gutted haddock with head, processed manually, with cutting of the throat.

3.2.2. Product: Gutted Haddock, without Head, Round Cut, Manual or Machine

Technical description:

The production of gutted haddock without head (round cut) is done by manual gutting, and the head is removed manually or by a machine (e.g. Baader 415). The fish is slit, and cut along the mid-belly between the pectoral fins from the pharynx or the pelvic fins to the anal opening in such a way that the viscera are not damaged. All viscera are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin. The head is removed with cuts along both sides of the gill cleft towards the front part of the neck. The neck is broken at the first neck vertebra, and the head is torn off. The neck meat, pectoral and pelvic fins are present on the body, and the gills present on the head.



Fig. 3.2.2. Photo of the product gutted haddock, without head, round cut, processed manually or by machine.

3.2.3. Product: Gutted Haddock without Head, Right Cut, Manual

Currently (2019) this product is not processed.

Technical description:

The production of gutted haddock without head (right cut) is done by manual gutting, and the head is removed manually. The fish is slit, and cut along the mid-belly between the pectoral fins from the pharynx or the pelvic fins to the anal opening in such a way that the viscera are not damaged. All viscera are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin. The head is removed with a transverse cut (perpendicular to the length direction of the body) from the neck to the belly in such a way that the pectoral and pelvic fins remain on the body.

3.2.4. Product: Gutted Haddock, without Head, without Earbones, Machine

Technical description:

The production of gutted haddock without head and earbones is done by a machine (e.g. Baader 424, Baader 417 etc.) which removes the head together with the pectoral and pelvic fins with a bevel cut. The bevel cut goes from the occipital bone to the belly of the fish. All viscera are removed and the body cavity is properly cleansed of mucus and blood.



Fig. 3.2.4. Photo of the product gutted haddock, without head and earbones (curved section), machine.

3.2.5. Product: Haddock Fillet, with Skin, with Bones, Machine and/or Manual

Technical description:

The production of haddock fillets with skin and pin bones in is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, earbones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skin, pin bones (< 11 pin bones) are present in the fillets. Parts of the fins may be present before final manual trimming.



Fig. 3.2.5. Photo of the product haddock fillets with skin and bones (pin bones in), processed by machine.

3.2.6. Product: Haddock Fillet, Skinless, with Bones, Machine and/or Manual

Technical description:

The production of skinless haddock fillets, with pin bones in is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skins are removed by a skinning machine (e.g. Baader 51) in such a way that no flesh is present on the skins. Pin bones (< 11 pin bones) are present in the fillets. Parts of the fins may be present before final manual trimming.



Fig. 3.2.6. Photo of the product skinless haddock fillets with bones (pin bones in), processed by machine.

3.2.7. Product: Haddock Fillet, with Skin, Boneless, Machine and/or Manual

Technical description:

The production of boneless haddock fillets, with skin on is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Pin bones (< 11 pin bones) are removed manually with a narrow V-shaped cut covering up to half of the length of the body cavity. Parts of the fins may be present before final manual trimming.



Fig. 3.2.7. Photo of the product boneless haddock fillets with skin, processed by machine (or by machine and manual operation).

3.2.8. Product: Haddock Fillet, Skinless, Boneless, Machine and/or Manual

Technical description:

The production of boneless and skinless haddock fillets is done with filleting machines (e.g. Baader 188, Baader 190, Baader 201) where the backbone and fins are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skins are removed by a skinning machine (e.g. Baader 51) in such a way that no flesh is present on the skins. Pin bones (< 11 pin bones) are removed manually with a narrow V-shaped cut covering up to half of the length of the body cavity. Parts of the fins may be present before final manual trimming.



Fig. 3.2.8. Photo of the product skinless and boneless haddock fillets, processed by machine (or by machine and manual operation).

3.2.9. Product: Haddock Fillet, with Skin, Boneless, without Belly flaps, Machine and/or Manual

Technical description:

The production of boneless haddock fillets, with skin and without belly flaps is done with filleting machines (e.g. Baader 190 with a pin bone cutter installed) where the backbone, fins, pin bones and belly flaps are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Pin bones (< 11 pin bones) and belly flaps are removed with a filleting machine with a pin bone cutter installed using a J-shaped cut. The product can also be produced by other filleting machines with manual removal of pin bones and belly flaps using a wide V-shaped or J-shaped cut. Parts of the fins may be present before final manual trimming.



Fig. 3.2.9. Photo of the product boneless haddock fillets with skin and without belly flaps, processed by machine (or by machine and manual operation).

3.2.10. Product: Haddock Fillet, Skinless, Boneless, without Belly flaps, Machine and/or Manual

Technical description:

The production of skinless, boneless and without belly flaps haddock fillets is done with filleting machines (e.g. Baader 190 with a pin bone cutter installed) where the backbone, fins, pin bones and belly flaps are removed. The fish body without head, ear bones and viscera is filleted lengthwise in two halves where fins, other large bones, peritoneum, and small parts of the belly flaps are removed. Skins are removed by a skinning machine (e.g. Baader 51) in such a way that no flesh is present on the skins. Pin bones (< 11 pin bones) and belly flaps are removed with a filleting machine with a pin bone cutter installed using a J-shaped cut. The product can also be produced by other filleting machines with manual removal of pin bones and belly flaps using a wide V-shaped or J-shaped cut. Parts of the fins may be present before final manual trimming.



Fig. 3.2.10. Photo of the product skinless and boneless haddock fillets without belly flaps, processed by machine (or by machine and manual operation).

3.2.11. Product: Haddock Loins, Skinless, Boneless, Machine (or by Machine and Manual operation)

Technical description:

The basis of this product is the production of haddock fillets, skinless, boneless and without belly flaps (see 3.2.10). The loin is the front part of a skinless and boneless fillet without belly flaps, cut in two by a transversal cut (see the sketch below).



Fig. 3.2.11. The product haddock fillets, skinless, boneless and without belly flaps is the basis product for further production of loins. The photo shows cod loins individually packed.

3.3. PROCESSING OF GREENLAND HALIBUT

3.3.1. Product: Gutted Greenland Halibut with Head, Manual

Technical description:

The production of gutted Greenland halibut with head is done manually. The fish is slit, and cut along the mid-belly between the pelvic fins from the pharynx to the anal opening in such a way that the viscera are not damaged. All viscera, including gonads, are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin. The blood (kidney tissue) along the back bone is removed. It can be scraped off with a spoon. At the front of the neck of there are two glands which can discolour the flesh of the fish, and these are removed. It is especially important, due to the high fat content of this fish, to wash the body cavity and surface well with water to prevent development of rancidity.



Fig. 3.3.1. Photo of the product gutted Greenland halibut with head, processed manually.

3.3.2. Product: Gutted Greenland Halibut, without Head, Round Cut, Manual

Technical description:

The production of gutted Greenland halibut without head (round cut) is done by manual gutting, and the head is removed manually. The fish is slit, and cut along the mid-belly between the pelvic fins from the pharynx to the anal opening in such a way that the viscera are not damaged. All viscera, including gonads, are removed and the body cavity is properly cleansed of mucus and blood. In large fish, particularly, the cut along the mid-belly may end up to 2 cm behind the anal opening towards the caudal fin. The head is removed with cuts along both sides of the gill cleft towards the front part of the neck. The neck is broken at the first neck vertebra, and the head is cut off. The neck meat, pectoral and pelvic fins are present on the body, and the gills are present on the head. The blood (kidney tissue) along the back bone is removed. It can be scraped off with a spoon. At the front of the neck of there are two glands which can discolour the flesh of the fish, and these are removed. It is especially important, due to the high fat content of this fish, to wash the body cavity and surface well with water to prevent development of rancidity.



Fig. 3.3.2. Photo of the product gutted Greenland halibut, without head, round cut, processed manually.

3.3.3. Product: Gutted Greenland Halibut, without Head, Japanese Cut, Machine

Technical description:

The production of gutted Greenland halibut without head, Japanese cut, is done by a machine (e.g. T. Josmar JM-450, Breivik 424SS etc.) which removes the head together with the pectoral and pelvic fins with a bevel cut. The bevel cut goes from the neck area and proceeds behind the basis of the pectoral fins to the start of the anal fin area (see illustrations in Figs. 3.3.3a and 3.3.3b). The pectoral fins or pieces of them, a smaller part of the back fin, the pelvic fins and the anus/gonadal opening will be present on the head section. All viscera, including gonads, are removed and the body cavity is properly cleansed of mucus and blood. The blood (kidney tissue) along the back bone is removed. It can be scraped off with a spoon. It is especially important, due to the high fat content of this fish, to wash the body cavity and surface well with water to prevent development of rancidity.



Fig. 3.3.3a. Illustration of the product gutted Greenland halibut, Japanese cut, processed by machine. The line illustrates the bevel (Japanese) cut of the head.



Fig. 3.3.3b. Photo of the product gutted Greenland halibut, Japanese cut, processed by machine.

3.3.4. Product: Gutted Greenland Halibut, without Head, Japanese Cut, without Tail, Machine and Manual

Technical description:

The production of gutted Greenland halibut without head, Japanese cut, without tail is done by machine (e.g. T. Josmar JM-450, Breivik 424SS etc.) and manual operation, which removes the head together with the pectoral and pelvic fins with a bevel cut. The bevel cut goes from the neck area and proceeds behind the basis of the pectoral fins to the start of the anal fin area (see illustrations in Figs. 3.3.3a and 3.3.3b). The pectoral fins or pieces of them, a smaller part of the back fin, the pelvic fins and the anus/gonadal opening will be present on the head section. The tail is removed manually with a straight cut starting where the anal and back fins end or a little bit behind (1.5-2.0 cm) (see the variation width illustrated by the thick line in Fig. 3.3.4a). All viscera, including gonads, are removed and the body cavity is properly cleansed of mucus and blood. The blood (kidney tissue) along the back bone is removed manually. It can be scraped off with a spoon. It is especially important, due to the high fat content of this fish, to wash the body cavity and surface well with water to prevent development of rancidity.



Fig. 3.3.4a. Illustration of the product gutted Greenland halibut, Japanese cut, without tail, processed by machine and manual operation. The lines illustrates the bevel (Japanese) cut of the head (line a) and the removal of the tail (line b).



Fig. 3.3.4b. Photo of the product gutted Greenland halibut, Japanese cut, without tail, processed by machine and manual operation.

3.4. PROCESSING OF BEAKED REDFISH

3.4.1. Product: Gutted Beaked Redfish with Head, Manual

Technical description:

The production of gutted beaked redfish with head is done manually. The fish is slit, and cut along the mid-belly between the pelvic fins from the pharynx to the anal opening in such a way that the viscera are not damaged. All viscera, including gonads, are removed and the body cavity is properly cleansed of mucus and blood. The body cavity and the surface of the fish are then washed well with water.



Fig. 3.4.1. Photo of the product gutted beaked redfish with head, processed manually.

3.4.2. Product: Gutted Beaked Redfish, without Head, Round Cut, Manual

Technical description:

The production of gutted beaked redfish without head (round cut) is done by manual gutting, and the head is removed manually. The fish is slit, and cut along the mid-belly between the pelvic fins from the pharynx to the anal opening in such a way that the viscera are not damaged. All viscera, including gonads, are removed and the body cavity is properly cleansed of mucus and blood. The head is removed with a cut along both sides of the gill cleft towards the front part of the neck, and the cut will break the neck at the first neck vertebra. The neck meat, pectoral and pelvic fins are present on the body, and the gills are present on the head. The body cavity and the surface of the fish are then washed well with water.



Fig. 3.4.2. Photo of the product gutted beaked redfish, without head, round cut, processed manually.

3.4.3. Product: Gutted Beaked Redfish, without Head, Japanese Cut, Machine

Technical description:

The production of gutted beaked redfish without head, Japanese cut, is done by a machine (e.g. T. Josmar JM-450, Breivik 424SS etc.) which removes the head together with the pectoral fins, pelvic fins and parts of the belly with a bevel cut. The bevel cut goes from the neck area and proceeds behind the basis of the pectoral fins (2-3 cm behind) to the belly section. The pectoral fins, the pelvic fins and parts of the belly will be present on the head section. All viscera, including gonads, are removed and the body cavity is properly cleansed of mucus and blood. The body cavity and the surface of the fish are then washed well with water.



Fig. 3.4.3. Photo of the product gutted beaked redfish, Japanese cut, processed by machine.

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