Integrated Fishery Management Plan for Walrus in the Nunavut Settlement	
<u>Area</u>	
A STATE OF THE STA	
and have a consider	
Hunters &Trappers Organizations Consultations	
May 28-June 4, 2014	
¹ Canada	
Fisheries and Oceans Pèches et Océans Canada	
Discussion Topics	
<ul> <li>Why changes are needed to walrus co-</li> </ul>	
management	
History of the Walrus Working Group	
Overview of the draft Walrus Management Plan	
Main changes being proposed	
Next steps	
² Canada	
Fisheries and Oceans Pèches et Océans Canada	
Why do we need changes to walrus management?	
<ul> <li>Increased national and international interest in how the walrus fishery in Nunavut is managed.</li> </ul>	
Wallas lististy in National is mailinged.	
	<del></del>
³ Canada	

Faheries and Oceans Péches et Océans Canada Canada	
Why do we need changes to walrus management?	
Convention on International Trade in Endangered	
Species (CITES):	
40)	
Convention on International Trade in Endangered Species of Wild Fauna and Flora	
1973.2003	
4 Canada	
Fisheries and Oceans Piches et Oceans Canada	
Why do we need changes to walrus management?	
Convention on International Trade in Endangered	
Species (CITES) Parties will meet again in 2016.	
<ul> <li>Likely the USA will consider another proposal to uplist.</li> </ul>	
<ul> <li>Working towards having a management plan in place by</li> </ul>	
the next CITES meeting.	
5 Canada	
Fisheries and Oceans Peches et Oceans Canada	
Why do we need changes to walrus management?	
<ul> <li>Increased national and international interest in how the walrus fishery in Nunavut is managed.</li> </ul>	
Demonstrate sustainable harvesting	
<ul> <li>Strengthen walrus co-management consistent with the Nunavut Land Claims Agreement</li> </ul>	
Incorporate best available scientific and Inuit knowledge.	
,	
6 Canadã	
Callada	

Fisheries and Oceans Pêches et Océans Canada Canada Why do we need changes to walrus management? · Committee on the Status of Endangered Wildlife in Canada (COSEWIC): **COSEWIC** Committee on the Status of Endangered Wildlife in Canada Canada Fisheries and Oceans Pêches et Océans Canada Canada Development of the IFMP Walrus Working Groups were formed to lead the development of the IFMP. Members include: Regional Wildlife Organization (QWB): Co-Chair · Local Hunters & Trappers Organizations (HTO): Arctic Bay, Grise Fiord, Hall Beach, Igloolik, Pond Inlet, Resolute Bay · Nunavut Tunngavik Incorporated Nunavut Wildlife Management Board (participants) · DFO- Co-Chair Other invited participants: Elders, Industry, QIA Canada Fisheries and Oceans Pêches et Océans Canada **Walrus Working Groups** · The goal of the Working Group was to develop an IFMP that would identify the main objectives, management measures and requirements for a sustainable walrus fishery in the Nunavut Settlement Area.

# **History of Walrus Management Plan Development**

Type of Meeting	Year	Outcomes
Working Group (Foxe Basin)	2007	Established the Foxe Basin Walrus Working Group     Agreement to develop an integrated Fisheries     Management Plan;     Sharing of hunter perspectives;     Mapping walrus areas based on traditional knowledge;     Review of current science information
Working Group (Foxe Basin)	2009	Developed Terms of Reference;     Discussed important management goals, and objectives;     Science update
Working Group (Foxe Basin)	2010	Presentation by industry group on shipping;     Science update; survey design

10

Type of Meeting	Year	Outcomes
Working Group (Baffin Bay)	2010	Established the Baffin Bay Walrus Working Group;     Agreement to develop an Integrated Fisheries     Management Plan;     Developed Terms of Reference     Mapping walrus areas based on traditional knowledge     Science review and update on surveys;
Working Group (Foxe Basin and Baffin Bay)	2010 (2)	Prioritized the Management Goals and Objectives; Reviewed and amended the walrus maps; Science review and update on surveys; Discussed the establishment of harvest levels (TAH and BNL) Discussed the NWMB process to approve the Management Plan

11

Type of Meeting	Year (	Outcomes
Community Consultations (Arctic Bay, Grise Fiord, Hall Beach, Igloolik, Pond Inlet, Resolute Bay)	2011	outlined;  Reviewed maps;  Update from DFO Science on surveys;  Reviewed prioritized tables of walrus management objectives and goals;

12

Type of Meeting Year	r (	Outcome	_	
Working Group 201		Draft Management Plan presented and discussed;		
(Foxe Basin and		<ul> <li>Discussed proposed changes to the management regime for walrus;</li> </ul>	_	
Baffin Bay)		Discussed recently published DFO Science;     HTO representatives believe the numbers in the science		
		advice are too low;		
		<ul> <li>Discussed struck and lost rates;</li> <li>Combined the Foxe Basin and Baffin Bay Working Groups</li> </ul>		
		into one Working Group  Next steps: community consultations		
		Next steps. community consultations		
		13		
Fisheries and Oceans Canada	Pêches et 0 Canada	Océans		
		neries Management Plan Layout		
integrated	1 131	refres management i lan Layout		
1. Overview o	of the F	Fishery		
		nt, Science and Traditional Knowledge	_	
		I and Cultural Importance		
4. Manageme			_	
5. Objectives				
6. Harvest Le		nd Allocation		
7. Manageme	ent Me	asures		
		ship Arrangement		
9. Compliance				
10.Performand	ce Rev	riew		
		<sup>14</sup> Canada		
Fisheries and Oceans Canada	Pêches et 0 Canada	Océans		
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integrateu	1 151	Terres Management Flan Layout		
1. Overview o	of the F	ishery		
		nt, Science and Traditional Knowledge	_	
		I and Cultural Importance		
4. Manageme			_	
5. Objectives				
6. Harvest Le		nd Allocation		
7. Manageme				
		ship Arrangement		
9. Compliance				
10.Performano				
			_	
		<sup>15</sup> Canada		
		Callada		

2. Stock Assessment, Science and Traditional Knowledge

Two walrus populations in the Eastern Canadian Arctic:

1. High Arctic

2. Central Arctic;

Seven stocks



17

Fisheries and Oceans Canada Pêches et Océans Canada

### 2. Stock Assessment, Science and Traditional Knowledge

#### Traditional Knowledge

- Knowledge has been shared through workshops, interviews, community consultations and questionnaires
- · Inuit recognize different walrus stocks
- · Has assisted with stock delineation

Fish Car	neries and Oceans nada	Pêches et Océans Canada
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#### Recent Science Advice

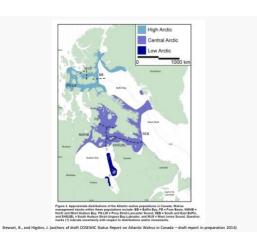
 In November 2013, the Department published a Science Advisory Report that identified population abundance estimates and Total Allowable Removal levels for four (4) of the six (6) Management Units.

# Canada

# Proposed Walrus Management Units



20



Population	Stock	Management Unit	Nunavut Harvesting Communities	Nunavik Harvesting Communities	International Harvesting Communities
	Baffin Bay	AW-01	Grise Fiord		Avanersuaq (Greenland)
High Arctic	West Jones Sound	AW-02	Grise Fiord		
	Penny Strait- Lancaster Sound	AW-03	Resolute Bay Arctic Bay Pond Inlet		
	Northern Foxe Basin Central Foxe Basin	- AW-04	Igloolik Hall Beach		
Central Arctic	Hudson Bay- Davis Strait	AW-05	Clyde River Qikiqtarjuaq Iqaluit Pangnirtung Arviat Cape Dorset Chesterfield Inlet Coral Harbour Kimmirut Rankin Inlet Respulse Bay Whale Cove	Puvirnituq Akulivik Ivujivik Salluit Kangiqsualujjuaq Kuujjuaq Tasiujaq Aupaluk Kangirsuk Quaqtaq Kangiqsujuaq	Sisimiut (Greenland)
Unknown	South and East Hudson Bay	AW-06	Sanikiluaq	Inukjuak Kuujjuarapik Umiujaq	22

Population	Stock	Management Unit	Nunavut Harvesting Communities	Nunavik Harvesting Communities	International Harvesting Communities
	Baffin Bay	AW-01	Grise Fiord		Avanersuaq (Greenland)
High Arctic	West Jones Sound	AW-02	Grise Fiord		
	Penny Strait- Lancaster Sound	AW-03	Resolute Bay Arctic Bay Pond Inlet		
	Northern Foxe Basin Central Foxe Basin	- AW-04	Igloolik Hall Beach		
Central Arctic	Hudson Bay- Davis Strait	AW-05	Clyde River Qikiqtarjuaq Iqaluit Pangnirtung Arviat Cape Dorset Chesterfield Inlet Coral Harbour Kimmirut Rankin Inlet Respuise Bay Whale Cove	Puvirnituq Akulivik Ivujivik Salluit Kangiqsualujjuaq Kuujjuaq Tasiujaq Aupaluk Kangirsuk Quaqtaq Kangiqsujuaq	Sisimiut (Greenland)
Unknown	South and East Hudson Bay	AW-06	Sanikiluaq	Inukjuak Kuujjuarapik Umiujaq	23

Population	Stock	Management Unit	Nunavut Harvesting Communities	Nunavik Harvesting Communities	International Harvestin Communities
	Baffin Bay	AW-01	Grise Fiord		Avanersuaq (Greenlan
High Arctic	West Jones Sound	AW-02	Grise Fiord		
	Penny Strait- Lancaster Sound	AW-03	Resolute Bay Arctic Bay Pond Inlet		
	Northern Foxe Basin Central Foxe Basin	- AW-04	Igloolik Hall Beach		
Central Arctic	Hudson Bay- Davis Strait	AW-05	Clyde River Qikiqtarjuaq Iqaluit Pangnirtung Arviat Cape Dorset Chesterfield Inlet Coral Harbour Kimmirut Rankin Inlet Respulse Bay Whale Cove	Puvirnituq Akulivik Ivujivik Salluit Kangiqsualujjuaq Kuujjuaq Tasiujaq Aupaluk Kangirsuk Quaqtaq Kangiqsujuaq	Sisimiut (Greenland)
Unknown	South and East Hudson Bay	AW-06	Sanikiluaq	Inukjuak Kuujjuarapik Umiujag	24

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Population	Stock	Management Unit	Nunavut Harvesting Communities	Nunavik Harvesting Communities	International Harvesting Communities
	Baffin Bay	AW-01	Grise Fiord		Avanersuaq (Greenland
High Arctic	West Jones Sound	AW-02	Grise Fiord		
	Penny Strait- Lancaster Sound	AW-03	Resolute Bay Arctic Bay Pond Inlet		
	Northern Foxe Basin Central Foxe Basin	- AW-04	Igloolik Hall Beach		
Central Arctic	Hudson Bay- Davis Strait	AW-05	Clyde River Qikiqtarjuaq Iqaluit Pangnirtung Arviat Cape Dorset Chesterfield Inlet Coral Harbour Kimmirut Rankin Inlet Respulse Bay Whale Cove	Puvirnituq Akulivik Ivujivik Salluit Kangiqsualujjuaq Kuujjuaq Tasiujaq Aupaluk Kangirsuk Quaqtaq Kangiqsujuaq	Sisimiut (Greenland)
Unknown	South and East Hudson Bay	AW-06	Sanikiluaq	Inukjuak Kuujjuarapik Umiujag	25

+	Fisheries and Oceans Canada	Pêches et Océan Canada
+	Canada Canada	Canada Canada

- When establishing Total Allowable Harvest (TAH) levels, the NWMB will consider the best available information: TEK, IQ and Science.
- DFO will be recommending sustainable harvest levels based on recent peer-reviewed Science advice.
- The advice will be in the form of Total Allowable Landed Catch (TALCs) recommendations.

Canada

#### Fisheries and Oceans Pêches et Océans

#### TALCs

- Abundance estimates are produced from aerial surveys
- Potential Biological Removal is used to determine Total Allowable Landed Catch for each Management Unit
- Other known human losses are removed from the PBR before Total Allowable Landed Catch levels are recommended. This would include struck and lost rates.

Population			·	A boom !	nnr '	_		
	Stock(s)	Management Unit	Surveyyear	Abundance estimate highest adjusted	PBR/ TAR highest adjusted		TALC of struck rates	
						15%	23%	30%
	Baffin Bay	AW-01	2009	1,251	11	9	8	8
High	West Jones Sound	AW-02	2008	503	8 (17)	7 (14) <sup>1</sup>	6 (13) <sup>1</sup>	6 (12) <sup>1</sup>
Arctic	Penny Strait-		2009	727	12	10	9	8
	Lancaster Sound	AW-03			(24)1	(20)1	(18)1	(16)1
	Northern Foxe Basin							
	FOXE BASIII	AW-04	2011	10, 379	135	115	104	95
Central Arctic	Central Foxe Basin			(13, 452)	(166)2	(141)2	(128)2	(116)2
	Hudson Bay-		-	-	-	-	-	-
	Davis Strait	AW-05						
Unknown	South and East Hudson	AW-06	-	-	-	-	-	-
III Using a Reco	Bay very Factor of 1.0 in the	PRR calculation						28
Recom	mended H	larvest L	evels (To	tal Allov	vable	Lande	ed Ca	tch)
Population	Stock(s)	Management	Survey year	Abundance	PBR/		TALC	
		Unit		estimate highest adjusted	TAR highest adjusted	Range	of struck rates	and lost
					aujusteu	15%	23%	30%
	Baffin Bay	AW-01	2009	1,251	11	9	8	8
	West Jones	AW-02	2008	503	8	7	6	6
High Arctic	Sound Penny Strait-	AVV*02	2009	727	(17)	(14) <sup>1</sup>	(13)1	(12) <sup>1</sup>
Arctic	Lancaster	AW-03	2009	121	(24) <sup>1</sup>	(20) <sup>1</sup>	(18)1	(16) <sup>1</sup>
	Sound							
	Northern Foxe Basin							
Central		AW-04	2011	10, 379 (13, 452)	135 (166) <sup>2</sup>	115 (141) <sup>2</sup>	104 (128) <sup>2</sup>	95 (116) <sup>2</sup>
Arctic	Central Foxe Basin			(13, 432)	(100)	(2-12)	(120)	(110)
	Hudson Bay-	AUV 05	-	-	-	-	-	-
	Davis Strait	AW-05						
Unknown	South and East Hudson	AW-06	-	-	-	-	-	-
	Bay							29
Assuming the	very Factor of 1.0 in the tagging data from a sir	ngle haul-out was repre	sentative of other h	aul-outs in Foxe Basin	h.			25
							- d C-	tch)
Recomi	mended l	larvest L	evels (To	tal Allov	vable	Lande	eu ca	
Recom!		Management	evels (To	Abundance	PBR/	Τ	TALC	
					PBR/ TAR	Τ		and lost
		Management		Abundance estimate	PBR/	Τ	TALC of struck	and lost
	Stock(s)	Management Unit	Survey year	Abundance estimate highest adjusted	PBR/ TAR highest adjusted	Range	TALC of struck rates	30%
	Stock(s)  Baffin Bay West Jones	Management Unit		Abundance estimate	PBR/ TAR highest adjusted	15% 9 7	TALC of struck rates	30% 8 6
Population  High	Baffin Bay West Jones Sound	Management Unit	Survey year   2009   2008	Abundance estimate highest adjusted	PBR/ TAR highest adjusted	Range 15% 9 7 (14)1	TALC of struck rates  23%  8  6 (13) <sup>1</sup>	30% 8 6 (12) <sup>1</sup>
Population	Stock(s)  Baffin Bay West Jones	Management Unit  AW-01  AW-02	Survey year	Abundance estimate highest adjusted	PBR/ TAR highest adjusted	15% 9 7	TALC of struck rates	30% 8 6
Population  High	Baffin Bay West Jones Sound Penny Strait- Lancaster Sound	Management Unit	Survey year   2009   2008	Abundance estimate highest adjusted	PBR/ TAR highest adjusted	Range 15% 9 7 (14) <sup>1</sup> 10	TALC of struck rates  23%  8  6 (13) <sup>1</sup> 9	30% 8 6 (12) <sup>1</sup> 8
Population  High	Baffin Bay West Jones Sound Penny Strait- Lancaster	Management Unit  AW-01  AW-02	Survey year   2009   2008	Abundance estimate highest adjusted  1,251  503	PBR/ TAR highest adjusted	15% 9 7 (14)¹ 10 (20)¹	TALC of struck: rates 23% 8 6 (13)1 9 (18)1	8 6 (12) <sup>1</sup> 8 (16) <sup>1</sup>
Population  High  Arctic	Baffin Bay West Jones Sound Penny Strait- Lancaster Sound Northern Foxe Basin	Management Unit  AW-01  AW-02	Survey year   2009   2008	Abundance estimate highest adjusted 1,251 503 727	PBR/ TAR highest adjusted  11 8 (17) 12 (24) <sup>1</sup>	15% 9 7 (14)¹ 10 (20)¹	TALC of struck: rates 23% 8 6 (13)1 9 (18)1	8 6 (12) <sup>1</sup> 8 (16) <sup>1</sup>
Population  High	Baffin Bay West Jones Sound Penny Strait- Lancaster Sound Northern	AW-01 AW-02 AW-03	2009 2008 2009	Abundance estimate highest adjusted  1,251  503	PBR/ TAR highest adjusted	15% 9 7 (14)¹ 10 (20)¹	TALC of struck: rates 23% 8 6 (13)1 9 (18)1	8 6 (12) <sup>1</sup> 8 (16) <sup>1</sup>
Population  High Arctic	Baffin Bay West Jones Sound Penny Strait- Lancaster Sound Northern Foxe Basin Central Foxe Basin Hudson Bay-	AW-01 AW-02 AW-03	2009 2008 2009	Abundance estimate highest adjusted 1,251 503 727	PBR/ TAR highest adjusted  11 8 (17) 12 (24) <sup>1</sup>	15% 9 7 (14)¹ 10 (20)¹	TALC of struck: rates 23% 8 6 (13)1 9 (18)1	8 6 (12) <sup>1</sup> 8 (16) <sup>1</sup>
Population  High Arctic	Stock(s)  Baffin Bay West Jones Sound Penny Strait- Lancaster Sound Northern Foxe Basin Central Foxe Basin Hudson Bay- Davis Strait	AW-01 AW-02 AW-03	2009 2008 2009	Abundance estimate highest adjusted 1,251 503 727	PBR/ TAR highest adjusted  11 8 (17) 12 (24) <sup>1</sup>	15% 9 7 (14)¹ 10 (20)¹	TALC of struck: rates 23% 8 6 (13)1 9 (18)1	8 6 (12) <sup>1</sup> 8 (16) <sup>1</sup>
Population  High Arctic	Baffin Bay West Jones Sound Penny Strait- Lancaster Sound Northern Foxe Basin Central Foxe Basin Hudson Bay-	AW-01 AW-02 AW-03	2009 2008 2009	Abundance estimate highest adjusted 1,251 503 727	PBR/ TAR highest adjusted  11 8 (17) 12 (24) <sup>1</sup>	15% 9 7 (14)¹ 10 (20)¹	TALC of struck: rates 23% 8 6 (13)1 9 (18)1	8 6 (12) <sup>1</sup> 8 (16) <sup>1</sup>

#### Recommended Harvest Levels (Total Allowable Landed Catch)

Stock(s)	Management Unit	Survey year	Abundance estimate highest adjusted	PBR/ TAR highest adjusted	TALC Range of struck and lost rates			
					15%	23%	30%	
Baffin Bay	AW-01	2009	1,251	11	9	8	8	
West Jones Sound	AW-02	2008	503	8 (17)	7 (14) <sup>1</sup>	6 (13) <sup>1</sup>	6 (12) <sup>1</sup>	
Penny Strait- Lancaster Sound	AW-03	2009	727	12 (24) <sup>1</sup>	10 (20) <sup>1</sup>	9 (18) <sup>1</sup>	8 (16) <sup>1</sup>	
Northern Foxe Basin Central Foxe Basin	AW-04	2011	10, 379 (13, 452)	135 (166) <sup>2</sup>	115 (141) <sup>2</sup>	104 (128) <sup>2</sup>	95 (116) <sup>2</sup>	
Hudson Bay- Davis Strait	AW-05	-	-	-	-	-	-	
South and East Hudson Bay	AW-06	-	-	-	-	-	-	
	Baffin Bay West Jones Sound Penny Strait- Lancaster Sound Northern Foxe Basin Hudson Bay- Davis Strait East Hudson East Hudson	Baffin Bay AW-01 West Jones Sound AW-02 Penny Strait- Lancaster Sound AW-03 Northern Foxe Basin Hudson Bay- Davis Strait South and East Hudson AW-05	Unit   Unit	Unit	Unit   estimate   TAR   TAR   Tak   Tak	Baffin Bay	Unit   Part   Part	

Landed Catch (Subsistence Harvests and Licensed Sport Hunts) of
Walrus in Nunavut, 1997-2012

Community Quota  Grise Flord  Total AW-01 & AW-02	Sp 	Sb				5/06		6/07		7/08		8/09	20	9/10	2010/		2011/12		2012/1	
			Sp	Sb	Sp	Sb	Sp	Sb	Sp	Sb	Sp	Sb	Sp	Sb	Sp	Sb	Sp	Sb	Sp	SI
Total AW-01 & AW-02		7	**	5		2		5	**	4	NR	NR	**	7		2		4		N
		7		5		2		5		4		NR		7		2		4		N
Arctic Bay 10		0		1		NR		0		1		NR		0		1		0		0
Pond Inlet	***	1	**	0	**	1	**	0	**	0		NR	**	NR		3		0		N
Resolute Bay	***	6	**	4	**	1		٥	**	1		NR	**	2	**	3	0	2		2
Total AW-03		7		5		2		0		2		0		2		7		2		2
Hall Beach	1	87	NR	66	3	75	4	100		35		33	NR	70	0	75	2	33	1	10
Igloolik	14	97	10	NR	12	100	2	184	NR	54	**	74		89		141	6	95	4	10
Total AW-04		199		76		190		290		89		107		159	_	216		136		

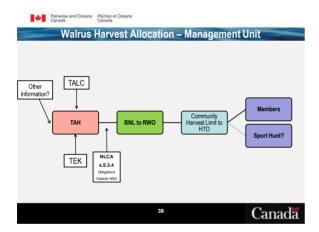
Fisheries and Oceans Pêches et Océans

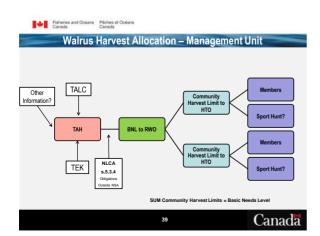
# Basic Needs Level (BNL)

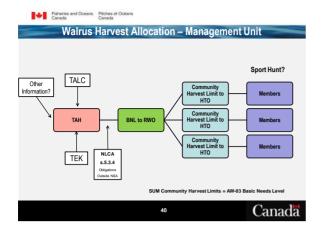
- Agreement by the NWMB and the Minister of DFO that for walrus, narwhal and beluga, the BNL would equal the TAH.
- Once a TAH is established for a walrus stock or population, the BNL=TAH.

Fatheries and Oceans Plothers et Océans Canada Canada	
4. Management Issues	
Improvements to some aspects of walrus management are	
needed to demonstrate sustainable harvesting:	
<ul> <li>Updated abundance estimates</li> </ul>	
<ul> <li>Establishing sustainable harvest limits</li> </ul>	
Ensuring harvests are within limits	
<ul> <li>Improved harvest reporting</li> </ul>	
<ul> <li>Impacts from shipping, development and tourism</li> </ul>	
Hunter Training	
Reduced hunting losses	
Sport hunt	
34 Canad <mark>a</mark>	
	_
Elshairs and Conner Blobas of Ordana	
Fisheries and Oceans Piches et Oceans Canada  Fisheries (Canada Canada C	
5. Objectives for the Fishery	
Long Term Objectives	
<ul> <li>To guide management of the fishery. What we want to achieve with our management regime</li> </ul>	
Chart Tarra Objectives	
<ul> <li>Short Term Objectives</li> <li>To address specific management issues over the next 3 to 5</li> </ul>	
years	
(Table 3, Page 19 IFMP)	
	_
35 Canada	
Fisheries and Oceans Piches et Océans Canada	
100 Marie 1900 Marie 1	
6. Harvest Levels and Allocation	
Outlines the harvest levels and allocations among	
users.	
For Management Units without an established TAH:	
Current regulatory quotas identified in the Marine	
Mammal Regulations apply.	
36 Canada	
<sup>36</sup> Canada	

# 6. Harvest Levels and Allocation For Management Units with an established TAH: • Decision by NWMB and Minister of DFO that for walrus, the BNL will equal the TAH. • The BNL will be allocated by the RWOs to the HTOs in the form of Community Harvest Limits.







# Sport Hunt

 The Walrus Working Group will be developing a TAH/BNL Walrus Sport Hunt policy that will outline the information DFO requires to issue a Marine Mammal Fishing Licence for walrus.

Canada

Fisheries and Oceans Pêches et Océans

#### Walrus Harvest Tags

- Walrus Working Group discussed options for ensuring effective management/allocation of new harvest levels.
- · A type of harvest tag was suggested.
- A Walrus Harvest Tag would be similar to that currently used for other species.
- A Walrus Harvest Tag would not be a licence to hunt and would be issued without fee or administrative charge.

Fisheries and Oceans Canada Pêches et Océans Canada		
Walrus Ha	rvest Tags	
Walrus Harvest Tags wo RWO for each Managen		
The RWO would allocate to the HTOs.	e the Walrus Harvest Tags	
The HTOs would allocat to their members.	e the Walrus Harvest Tags	
	43 Canada	
Fisheries and Oceans Pêches et Océans Canada Canada		
100000000000000000000000000000000000000	rvest Tags	
Walrus hunters would pi from the HTO office.	ck up a Walrus Harvest Tag	
Each Walrus Harvest Ta	na would provide for	
	(male or female or calf) in	
<ul> <li>Hunting could occur at a established by the HTO 1- March 31)</li> </ul>	ny time during the year (e.g. Jan.1-Dec. 31 or April	
	44 Canada	
	Callada	
Fisheries and Oceans Canada Pêches et Océans Canada		
WALRUS HARVEST TAG: AW-01-2014- 001 Keep for personal record (MMR s. 17)	WALRUS HARVEST TAG: AW-01-2014- 001  Return to HTO for validation	
MANAGEMENT UNIT: AW-01	MANAGEMENT UNIT: AW-01	
This Walrus Harvest Tag validates the harvest of one (1) walrus at any time between Jan 1, 2015 and December 31, 2015 for Management Unit AW-01.  Sex: Male Female	This Walnus Harvest Tag validates the harvest of one (1) walrus at any time between Jan 1, 2015 and December 31, 2015 for Management Unit AW-01.  Sex: Male Female	
Age: Adult Juvenile Calf Struck & Sunk: No Yes Number:	Age: Adult Juvenile Calf Struck & Sunk: No Yes Number:	
Date Harvested: Location Harvested: Hunter Name:	Date Harvested: Location Harvested: Hunter Name:	
Hunter Signature:	Hunter Signature:	
	45 Canada	

Fisheries and Oceans Canada	Pêches et Océans Canada	
7. Manageme	ent Measures	
	"controls" for the fishery to ensure sustainable	
_	ncluding conservation and ecosystem management	
measures.		
<ul> <li>Many measure</li> </ul>	ures are already in place	
<ul> <li>Additional m</li> </ul>	neasures and actions are needed to address	-
managemer	nt issues in the fishery	
	46 Consdi	
	46 Canada	
Fisheries and Oceans Canada		
	xisting Management Measures	
Management Measure Harvest Levels	Applicable Legislation/ Regulation     An Inuk may, without a licence, fish for food, social or ceremonial purposes for	
Hai vest Levels	four (4) walrus in a year except where community quotas exist (Coral Harbour	
	(60), Sanikiluaq (10), Arctic Bay (10) and Clyde River (20)). (Marine Mammal Regulations s. 6 and 26).	
Monitoring and Reporting	Harvest information must be reported (Marine Mammal Regulations s. 17;  Fishering Acts City and the NLCA's 57.43);  Fishering Acts City and the NLCA's 57.43;  Figure 1. The second	
Licences	Fisheries Act s. 61; and the NLCA s. 5.7.43):  The Minister may issue a marine mammal fishing licence (e.g. sport hunt) (Marine	
	Mammal Regulations s. 4).     The Minister may issue a licence for certain activities such as for tagging (satellite	
	tracking), live capture, biopsies (Marine Mammal Regulations s. 11).	
Humane Harvesting	<ul> <li>Hunters shall only kill a walrus in a manner that is designed to kill it quickly (Marine Mammal Regulations s. 8).</li> </ul>	
	<ul> <li>No person shall disturb a walrus except when hunting for walrus (Marine Mammal Regulations s. 7).</li> </ul>	
Closing the Fishery	When the quota is reached, the fishery will be closed (Marine Mammal Regulations s. 26)	
	47 Canada	
	Canada	
Fisheries and Oceans Canada	Pêches et Océans	
Management Measure	xisting Management Measures Applicable Legislation/ Regulation	
Reducing Loss Rates	Hunters must have all necessary equipment on hand to retrieve a hunted walrus	
reducing 2000 rates	(Marine Mammal Regulations s. 9).	
	without delay, must not abandon or discard it, or waste any edible part of a walrus	
	<ul> <li>(Marine Mammal Regulations s. 10).</li> <li>Hunters are to use a rifle or shotgun with the following restrictions: a) a rifle and non-</li> </ul>	
	full metal jacketed ammunition that produce a muzzle energy of not less than 1,500 foot pounds; or b) a shotgun and rifled slugs that produce a muzzle energy of not	
	less than 1,500 foot pounds (Marine Mammal Regulations s. 25).	
Sale and Transportation	<ul> <li>A Marine Mammal Transportation licence is required to transport walrus or walrus parts from one province to another (Marine Mammal Regulations s. 16).</li> </ul>	
Protection of walrus	A CITES Export Permit is required to transport walrus products outside of Canada.  No person shall corre on any work that regults in sorious harm to fight that	
r rotection of wallus	<ul> <li>No person shall carry on any work that results in serious harm to fish that are part of a commercial, recreational or Aboriginal fishery, or to fish that</li> </ul>	
	support such a fishery (Fisheries Act s. 35).	
	48 Canada	
	Cariada	

Fibheries and Conans Piches et Octans Canada  Additional Proposed Management Measures	
Management Measures	
Establish TAH levels for four (4) of the six (6)     Management Units.     Harvest Levels     Harvesting cannot exceed the sum of the community harvest limits or the TAH.	
49 Canada	
Fatheries and Oceans Phichas et Oceans Clerks.  When is Hunting Over?	
Once the Community Harvest Limit has been reached, no further hunting is allowed, unless authorized by the RWO.     The RWO may approve the transfer of Walrus Harvest Tags between communities in the same Management Unit.     If approved, additional Walrus Harvest Tags will be provided to the HTO, by the RWO, to allow hunting of additional walrus.	
When the sum of the Community Harvest Limits for a particular Management Unit is reached, no further hunting is allowed; or	
3. When the Hunt Season is over	
50 Canada	
Fatheries and Oceans Péchas et Océans Clandés	
Additional Proposed Management Measures  Management	
Measures	
Walrus Harvest Tag  3. Where a TAH has been set for a stock or population, establish a Walrus Harvest Tag system to improve the management, allocation, reporting and monitoring of walrus harvest levels.	
51 Canada	

Fisheries and Ocear Canada		
	onal Proposed Management Measures	
Management Measures		
	4. HTOs notify RWO and DFO when Community Harvest Limit is reached; 5. RWOs notify DFO when the Sum of the Community Harvest Limits is reached in each Management Unit; 6. HTOs to provide DFO with a completed summary of	
Harvest Reporting	Walrus Harvest Tag returns from their members (monthly and at end of each hunt season); 7. Reporting of all other walrus is required (NLCA s.5.7.43), such as walrus caught in fishing nets or those struck by ships.	
	52 Canada	
Fisheries and Ocear Canada	ns Pêchos et Océans Canada	
	onal Proposed Management Measures	
Management		
Measures		
OTHEROD.	A LITTO A LANGUAGO CONTRACTOR DI LA	
OTHERS?	8. HTOs develop Community Hunting Plans and rules to regulate walrus harvesting practices and techniques	
	among their members (sport hunt, struck and lost, youth training).	
	your daming).	
	53 Canada	
	Caraca	
Fisheries and Ocear Canada	ns Pèches et Océans Canada	
	Next Steps	
	unity Meeting: comments on the	
	ed changes to walrus management	
and the		
	ut written community consultation s to other communities in the NSA.	
3. Consoli	date comments and revise IFMP.	
4. Review	by Walrus Working Group	
5. NLCA p		
	5⁴ Canada	
	Callada	

