HONORABLE GEORGE J. JORDAN ADMINISTRATIVE LAW JUDGE

UNITED STATES OF AMERICA DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

In re:)	
)	Docket No. 19-NMFS-0001
Proposed Waiver and Regulations Governing)	
the Taking of Eastern North Pacific Gray)	RIN: 0648-BI58 and
Whales by the Makah Indian Tribe)	RIN: 0648-XG584
)	

SECOND DECLARATION OF CHRIS YATES

- 1. I am the Assistant Regional Administrator for Protected Resources for the West Coast Region of the National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA). I previously filed a declaration in this matter dated April 5, 2019 (Docket No. 3). I incorporate by reference paragraphs 1 through 5 of my April 5, 2019 declaration, which explain my position and qualifications relative to this matter. This declaration is filed in support of NMFS's Response to the Animal Welfare Institute's (AWI's) Expedited Motion to Extend Waiver Proceeding Schedule and Sea Shepherd Legal/Sea Shepherd Conservation Society's (Sea Shepherd's) Expedited Motion for Extension of Time to Submit Initial Direct Testimony and for Continuance of Hearing.
- 2. Under the Marine Mammal Protection Act, the Proposed Waiver and Regulations that are the subject of this proceeding are subject to formal rulemaking requirements, including an agency hearing. 16 U.S.C. §§ 1371(a)(3)(A), 1373(d)). NMFS does not have administrative law judges (ALJs) to oversee the required agency hearing. *See* NMFS Ex. 1-16 (NMFS 2017).

Docket No. 19-NMFS-0001 Second Declaration of Chris Yates NMFS therefore requested, through the Office of Personnel Management (OPM), to obtain the services of another agency's ALJ to preside over the hearing. *Id.* NMFS requested that OPM give priority to the services of a U.S. Coast Guard ALJ due to that agency's past experience handling similar issues and convenient location. *Id.*

- 3. OPM approved NMFS's request for use of a U.S. Coast Guard ALJ by letter dated October 31, 2017. NMFS Ex. 1-17 (OPM 2017). The original loan term extended through September 30, 2018, but provided for extension through the end of fiscal year 2019 if needed. The loan was extended, therefore the services of the ALJ assigned to this matter are currently available to NMFS until September 30, 2019 (i.e., the end of fiscal year 2019). *Id*.
- 4. If NMFS is not able to conclude the hearing in this matter by September 30, 2019, it would need to reinitiate the authorization process with OPM, a process that would take an uncertain amount of time. A delay of the hearing beyond September 30, 2019 would also require us to amend our interagency agreement with the U.S. Coast Guard Office of the ALJ to extend the period of performance for funding the ALJ. That process requires several levels of agency review and would take an unknown amount of time. Therefore, delaying the hearing until after September 30 introduces uncertainty as to when the hearing could be rescheduled.
- 5. Delaying the hearing by 90 days would place the hearing during the fall holiday season, likely complicating the ability of all parties to schedule witnesses and further adding uncertainty of when the hearing could be rescheduled.
- 6. I understand that one of the reasons that AWI and Sea Shepherd have requested additional time is due to the asserted length of NMFS's initial filings in this matter. However, most of the materials relied on by NMFS were referenced in the 2015 DEIS (*see* Yates First Decl., April 5, 2019, ¶ 12 for background regarding the 2015 DEIS). After publishing the 2015

DEIS, NMFS uploaded all of the referenced articles to our website and made them available at public meetings and upon request. Attached hereto as NMFS Exhibit 1-18 (NMFS 2019d) is a spreadsheet prepared by my staff that identifies all of the materials cited by NMFS in the Proposed Rule (84 Fed. Reg. 13,604 (2019)), the 2015 DEIS, and the four declarations previously filed by NMFS. Only 62 documents are included as references to the Proposed Rule or exhibits to the declarations but not referenced in the 2015 DEIS. Of these 62, only 38 were published after the date of the 2015 DEIS (not including the 8 declarations and CVs associated with our direct testimony). Many of these 38 are IWC, NMFS, or gray whale-related reports that would have been readily available to AWI and to Sea Shepherd. Based on my professional experience, I believe it is reasonable to expect that AWI and Sea Shepherd, both of whom have extensive familiarity with the subject matter, could review 38 documents within the time periods established by NMFS in the Notice of Hearing (84 Fed. Reg. 13,639 (2019)) for this matter.

- 7. I am aware that another reason AWI and Sea Shepherd assert for needing more time is to review reports that have been or will be made available during the May meeting of the International Whaling Commission (IWC). As explained in the Declaration of Dr. David Weller (Docket No. 5), the ENP stock of gray whales is routinely studied and monitored, and research regarding the stock is ongoing. Weller Decl. ¶ 21. Studies and reports regarding gray whales will continue to be generated. If NMFS were required to delay this matter merely on the basis of new reports becoming available, the hearing could be indefinitely delayed.
- 8. Also as explained in the Weller Declaration, in 2018 the IWC completed an evaluation of the proposal for a Makah tribal hunt as set forth in the Proposed Rule (Docket No. 2). Weller Decl. ¶ 42. To my knowledge, the IWC is not re-evaluating the hunt proposal at the 2019 meeting. Moreover, it is my understanding from the draft 2019 IWC Scientific Committee

Agenda (SC/68AA/GEN/01) that the IWC's implementation review for North Pacific gray whales, originally scheduled for 2019, has been postponed until 2020. *See https://iwc.int/sc67b*.

9. I understand that another reason asserted by Sea Shepherd for needing more time

is due to the greater than usual number of gray whale strandings that have occurred this year

during the stock's northward migration. As noted in our draft 2018 stock assessment report for

the eastern North Pacific stock of gray whales (NMFS Ex. 2-10), abundance has fluctuated for

the last 30 years, with a recent increase to over 26,000 whales. Carrying capacity for this stock

is likely to fluctuate along with environmental changes, especially those related to the

productivity of arctic feeding grounds. While we have yet to determine the cause of these

increased strandings, with gray whales at record numbers in recent history it would not be

unexpected to see increasing whale densities translate into higher mortality / strandings and

lower calf production and survival.

I declare, under penalty of perjury under the laws of the United States, that the foregoing

is true and correct to the best of my knowledge, information, and belief.

Chris Yates

Dated:

Ohn & Yat



UNITED STATES DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration NATIONAL MARINE FISHERIES SERVICE West Coast Region 1201 NE Lloyd Boulevard, Suite 1100 PORTLAND, OREGON 97232-1274

October 10, 2017

Ms. Juanita Love Administrative Law Judge Program Manager Office of Personnel Management (OPM) 1900 E Street NW Washington, DC 20415

Dear Ms. Love:

Pursuant to 5 CFR 930.208, I am requesting the services of an Administrative Law Judge (ALJ) to adjudicate matters involving the National Marine Fisheries Service's (NMFS) review of the Makah Indian Tribe's request for a limited waiver of the Marine Mammal Protection Act's (MMPA) take moratorium to resume treaty-based hunting of eastern North Pacific gray whales. MMPA regulations governing the waiver process and duties of the ALJ/presiding officer are found at 50 CFR 228. Additional information pertaining to NMFS' review of the Tribe's waiver request can be found at the NMFS West Coast Region's website¹.

NMFS does not have an ALJ to oversee the hearing process required by the MMPA regulations cited above. For this particular hearing, I am requesting that OPM give priority to the services of an ALJ from the U.S. Coast Guard due to that agency's: 1) past ALJ oversight of a NMFS action involving marine mammal harvest by Alaskan natives, 2) role in promulgating regulations at 33 CFR 165.1310 associated with the proposed whale hunt by the Makah Tribe, and 3) location in Seattle, Washington (Henry M. Jackson Federal Building), which is easily accessible to the NMFS Regional Office staff, the Makah Tribe, and several non-governmental organizations actively engaged in NMFS' review of the Tribe's request.

Thank you for considering this request. If you have any questions, please contact Steve Stone of my staff at 503-231-2317 or steve.stone@noaa.gov.

Barry A. Thom

Regional Administrator

Steve Stone, Protected Resources Division, NMFS West Coast Region (WCR) cc: Kirsten Erickson, Office of General Counsel, National Oceanic and Atmospheric Administration

Kathryn Schuck; Operations, Management and Information Division; NMFS WCR

² See NMFS' website regarding the Cook Inlet Beluga Whale Subsistence Harvest at https://alaskafisheries.noaa.gov/pr/beluga-admin-hearing Page 1 of 1



¹ See http://www.westcoast.fisheries.noaa.gov/protected_species/marine_mammals/cetaceans/whale_hunt.html



UNITED STATES OFFICE OF PERSONNEL MANAGEMENT

Washington, DC 20415

Loan #: 2018-26

Expiration date: 9-30-18

OCT 3 1 2017

Mr. Barry A. Thom
Regional Administrator
United States Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
West Coast Region
1201 NE Lloyd Boulevard, Suite 1100
Portland, OR 97232-1274

Dear Mr. Thom:

This is in reference to your letter dated October 10, 2017, requesting the loan of an Administrative Law Judge (ALJ) to adjudicate matters involving the National Marine Fisheries Service's review of the Makah Indian Tribe's request for a limited waiver of the Marine Mammal Protection Act. The cases will be heard in accordance with 5 CFR 228 and 33 CFR 165.1310.

Pursuant to 5 U.S.C. § 3344 and 5 CFR 930.208 and with the consent of the loaning agency, the United States Coast Guard (USCG), the Office of Personnel Management (OPM) hereby approves your request. USCG's Chief ALJ Walter Brudzinski will select the judge to be loaned. The services of the loaned judge will be provided on a temporary, intermittent, and reimbursable basis through September 30, 2018, subject to possible extension for Fiscal Year 2019 which, if needed, should be requested from this office no later than September 25, 2018. Judge Brudzinski's telephone number is (410) 962-6129 and his mailing address is: USCG, ALJ Docketing Center, U.S. Customs House, 40 S. Gay Street, Room 412, Baltimore, MD 21202-4022.

Please send us a copy of the case assignment letter that you issue to Chief ALJ Brudzinski and notify us of the final disposition of the case. Address all correspondence to Human Resources Solutions, ALJ Program Office, 1900 E Street, NW, Washington, DC 20415-9400. Please indicate the loan number shown above when referring to any changes to or status of the case regarding this loan.

Sincerely,

Associate Director

Human Resources Solutions

cc: Hon. Walter Brudzinski, Chief ALJ, USCG

Personnel, USCG

Summary 147 documents/PDFs Cited as (a) References in the Proposed Rule, or (b) Declarations and CVs, or (c) Exhibits in NMFS Declarations

File	Full Citation	Proposed Rule	Yates Decl. #	Bettridge Decl. #	Weller Decl. #	Moore Decl. #	In 2015 DEIS?	Not Cited in 2015 DEIS but Available to Public prior to 2015 DEIS	Notes	PDF # Pages
llyashenko and Hogarth 2007	Ilyashenko, V. and D. DeMaster. 2007. Addendum to monitoring in 2007 by the Russian Federation and the United States of the Aboriginal Quota for Gray Whales Set by the International Whaling Commission. Agreement signed May 20, 2007.	Υ			8		Y	na	Typo in Weller exhibit list - the full citation should have read as "Ilyashenko, V. and W.T. Hogarth" (not Ilyashenko, V. and D. DeMaster)	1
Makah Tribe 2006	Makah Tribe. 2006a. Makah Tribe's clarification of MMPA waiver request application. Letter from Makah Tribal Council to William T. Hogarth. Ph.D. dated January 24. 2006.	Υ	2				Y	na	Typo in Yates exhibit list - there is no "b" so full citation did not need an "a"	1
llyashenko and DeMaster 2012	Ilyashenko, V. and D. DeMaster. 2012. Addendum to monitoring in 2012 by the Russian Federation and the United States of the Aboriginal Quota for Gray Whales Set by the International Whaling Commission. Agreement signed July 6, 2012.	Υ			7		Y	na		1
Gearin and Gosho 2000	Gearin, P. J. and M. Gosho. 2000. Report on whaling activity during the spring 2000 Makah gray whale hunt. NMFS/NWR report.	Υ					Y	na		2
NMFS 2005	NMFS. 2005. NMFS Memorandum from William T. Hogarth to D. Robert Lohn re: Delegation of Authority for NEPA Compliance and Federal Register Signature Authority Regarding the Makah Indian Tribe's Request for a Waiver of the Marine Mammal Protection Act Moratorium. Dated April 22, 2005.	Υ	3				Υ	na		2
Rice 1965	Rice, D. W. 1965. Offshore southward migration of gray whales off southern California. Journal of Mammalogy 46:504-505.	Υ					Y	na		2
Hubbs and Hubbs 1967	Hubbs, C. L. and L. C. Hubbs. 1967. Gray whale censuses by airplane in Mexico. California Fish and Game 53:23-27.	Υ					Υ	na		3
Mate and Urbán-Ramirez 2003	Mate, B. R. and J. Urbán-Ramirez. 2003. A note on the route and speed of a gray whale on its northern migration from Mexico to central California, tracked by satellite-monitored radio tag. Journal of Cetacean Research and Management 5:155-157.	Υ					Υ	na		3
Wolfson 1977	Wolfson, F. H. 1977. Gray whale behavior. Science 195(4278):534-5.	Υ					Y	na		3
Green et al. 1995	Green, G. A., J. J. Brueggeman, R. A. Grotefendt, and C. E. Bowlby. 1995. Offshore distances of gray whales migrating along the Oregon and Washington coasts, 1990. Northwest Science 69:223-227.	Υ			12		Υ	na		6
Borodin et al. 2012	Borodin, R. G., K. A. Zharikov, V. Yu. Ilyashenko, and I. V. Mikhno. 2012. Rationale of subsistence and cultural needs for gray whales and bowhead whales by indigenous people of Chukotka (Russian Federation) in 2013-2018. Paner IWC:/64/ASW 6 presented to the International Whaling Commission	Y					Y	na		7
Jones and Swartz 2002	Jones, M. L., and S. L. Swartz. 2002. Gray whale Eschrichtius robustus. Pages 524-36 in Perrin, W. F., B. Wursig, and J. G. M. Thewissen, editors. Encyclopedia of Marine Mammals. Academic Press, San Diego, CA	Υ			11		Υ	na		7
Reilly et al. 2008	Reilly, S.B., J.L. Bannister, P. B. Best, M. Brown, R. L. Brownell Jr., D. S. Butterworth, P. J. Clapham, J. Cooke, G. P. Donovan, J. Urbán, and A. N. Zerbini. 2008. Eschrichtius robustus. In: IUCN 2012. IUCN Red List of Threatened Species. Version 2012.2.	Υ					Υ	na		7
Weller et al. 2012	Weller, D. W., A. Klimek, A. L. Bradford, J. Calambokidis, and others. 2012. Movements of gray whales between the western and eastern North Pacific. Endang Species Res 18:193-199.	Υ			57		Υ	na		7
Frasier et al. 2011	Frasier, T. R., S. M. Koroscil, B. N. White, and J. D. Darling. 2011. Assessment of population substructure in relation to summer feeding ground use in the eastern North Pacific gray whale. Endangered Species Research 14:39-48	Υ			37		Y	na		10
Mallonée 1991	Mallonée, J. S. 1991. Behavior of gray whales (Eschrichtius robustus) summering off the northern California coast, from Oatrick's Point to Crescent City. Canadian Journal of Zoology 69:681-690.	Υ			73		Y	na		10
Dunham and Duffus 2001	Dunham, J. S. and D. A. Duffus. 2001. Foraging patterns of gray whales in central Clayoquot Sound, British Columbia. Canada. Marine Ecology Press Series 223:299-310.	Υ			74		Υ	na		12
Carretta et al. 2013	Carretta, J., and 15 co-authors. 2013. U.S. Pacífic Marine Mammal Stock Assessments: 2012. NOAA-TM-NMFS-SWFSC-504.	Υ		5			Υ	na		14
Punt and Wade 2012	Punt, A. E. and P. R. Wade. 2012. Population status of the eastern North Pacific stock of gray whales in 2009. Journal of Cetacean Research and Management 12(1):15-28.	Υ				3	Υ	na		14
Calambokidis et al. 2009	Calambokidis, J., A. Klimek, and L. Schlender. 2009. Summary of collaborative photographic identification of gray whales from California to Alaska for 2007. Final Report for Purchase Order AB133F-05-SE-5570. April 2009. Cascadia Research. 218½ W 4th Ave Olympia. WA 98501.	Υ			76		Υ	na		15
IWC 2004	International Whaling Commission (IWC). 2004. Report of the Workshop on Whale Killing Methods and Associated Welfare Issues, Berlin, Germany, June 7-9, 2003, pages 85-101 (Annex E of the Chair's Report of the 55th Annual Meeting) In Annual Report of the International Whaling Commission 2003. Cambridge United Kingdom. 191 pp.	Y					Y	na		17
Bluhm and Gradinger 2008	Bluhm, B. and Gradinger, R. 2008. Regional variability in food availability for Arctic marine mammals. Ecol. Appl. 18: S77-96.	Υ			41		Y	na	NIMEO EV 4 40	20

Lang et al. 2011b	Lang, A. R., D. W. Weller, R. LeDuc, A. M. Burdin, V. L. Pease, D. Litovka, V. Burkanov, and R. L.							Typo in Proposed Rule and Weller exhibit list - cited	
	Brownell, Jr. 2011a. Genetic analysis of stock structure and movements of gray whales in the eastern and western North Pacific. Paper SC/63/BRG10 presented to the IWC Scientific Committee.	Υ		59		Y	na	as "Lang et al., 2011b" but should have just been "Lang et al. 2011"	22
Darling 1984	Darling, J. D. 1984. Gray whales off Vancouver Island, British Columbia. Pages 267-288 in Jones, M. L., S. L. Swartz, and S. Leatherwood, editors. The Gray Whale Eschrichtius robustus. Academic Press, Inc., Orlando. Fl.	Υ		31		Υ	na		22
Makah Tribe 2013	Makah. 2013. Resolution No. 118-13 of the Makah Tribal Council re: the Makah Whaling Ordinance. August 13. 2013.	Υ				Υ	na		23
Scordino et al. 2011	Scordino, J. J., P. J. Gearin, M. Gosho, J. Harris, Klimek, A., and J. Calambokidis. 2011. Gray Whale Research in the Usual and Accustomed Fishing Grounds of the Makah Tribe. Paper SC/MK11AWMP5	Υ		75		Υ	na		23
Pike 1962	presented to the International Whaling Commission. Pike, G.C. 1962. Migration and feeding of the gray whale (Eschrichtius gibbosus). Journal of the Fisheries Research Board of Canada 19:815-838.	Υ		14		Υ	na		24
Punt and Moore 2013	Punt, A. E., and J. E. Moore. 2013. Seasonal gray whales in the Pacific Northwest: An assessment of optimum sustainable population level for the Pacific Coast feeding Group. NOAA Technical Memorandum NOAA-TM-NMFS-SWFSC-518. July 2013.	Υ				Y	na		24
Calambokidis et al. 1999	Calambokidis, J., J. Quan, and L. Schlender. 1999. Gray whale photographic identification in 1998. Report prepared for National Marine Mammal Laboratory. Seattle. WA.	Υ		77		Υ	na		25
WC 2007	International Whaling Commission (IWC). 2007. Report of the Workshop on Whale Killing Methods and Associated Welfare Issues, St. Kitts and Nevis, June 11-13, 2006. Annex D of the Chair's Report of the 58th Annual Meeting.	Υ				Υ	na		27
WC 2011c	International Whaling Commission (IWC). 2011c. Report of the Scientific Committee. Annex E. Report of the standing working group on the aboriginal whaling management procedure (AWMP). J. Cetacean Res. Manage. (Suppl.):143-167.	Υ		35		Υ	na		29
Green et al. 1992	Green, G. A., J. J. Brueggeman, R. A. Grotefendt, C. E. Bowlby, M. L. Bonnel, and K. C. Balcomb. 1992. Cetacean distribution and abundance off Oregon and Washington, 1989-1990. Pages 1-100 in J. J. Brueggeman, editor. Oregon and Washington Marine Mammal and Seabird Surveys. Final Rept. OCS study MMS 91-0093	Υ		13		Υ	na		34
Wade 1998	Wade, P. R. 1998. Calculating limits to the allowable human-caused mortality of cetaceans and pinnipeds. Marine Mammal Science 14(1):1-37.	Υ	2			Υ	na		37
Calambokidis et al. 2004	Calambokidis, J., R. Lumper, J. Laake, M. Gosho, and P. Gearin. 2004. Gray whale photographic identification in 1998-2003: collaborative research in the Pacific Northwest. Final Report prepared for	Υ		27		Υ	na		39
WC 2011b	National Marine Mammal Laboratory. Seattle. WA. International Whaling Commission (IWC). 2011b. Report of the 2011 AWMP workshop with a focus on eastern gray whales. Report SC/63/Rep.2 presented to the International Whaling Commission Scientific Committee	Υ				Y	na		44
Weller et al. 2013	Weller, D. W., and 7 co-authors. 2013. Report of the National Marine Fisheries Service gray whale stock identification workshop. March 2013. NOAA Technical memorandum NOAA-TM-NMFS-SWFSC-507.	Υ		2		Υ	na		62
Jones and Swartz 1984	Jones, M. L., and S. L. Swartz. 1984. Demography and phenology of gray whales and evaluation of whale-watching activities in Laguna San Ignacio, Baja California Sur, Mexico. Pages 309-374 in Jones, M. L., S. L. Swartz, and S. Leatherwood, editors. The Gray Whale Eschrichtius robustus. Academic Press, Inc., Orlando. Fl	Υ		16		Y	na		67
WC 2011a	International Whaling Commission (IWC). 2011a. Report of the Scientific Committee. J. Cetacean Res. Manage. (Suppl.) 12:1-75.	Υ		34		Υ	na		75
Calambokidis et al. 2014	Calambokidis, J., Laake, J., and A. Perez. 2014. Updated analysis of abundance and population structure of seasonal gray whales in the Pacific Northwest, 1996-2012. Final Report to National Marine Mammal Laboratory. Seattle. WA.	Υ		78	10	Υ	na		76
WC 2012	International Whaling Commission (IWC). 2012. Chair's Report of the 64th Annual Meeting of the International Whaling Commission. 2-6 July 2012.	Υ	9			Υ	na		88
Makah Tribe 2005	Makah Tribe: 2005. Makah Tribe's Request for a Waiver of the Marine Mammal Protection Act (MMPA) Take Moratorium. Letter from Makah Tribal Council to William T. Hogarth, Ph.D. dated February 11, 2005.	Υ				Υ	na		123
Rice and Wolman 1971	Rice, D. W. and A. A. Wolman. 1971. Life history and ecology of the gray whale, Eschrichtius robustus. American Society of Mammalogists Special Publication 3.	Υ		15		Υ	na		160
NMFS 2015	MMFS. 2015. Draft Environmental Impact Statement on the Makah Tribe Request to Hunt Gray Whales. March 2015.	Υ				Υ	na		1230
Brueggeman et al. 1992	See Green et al. (1992)	Υ				Υ	na	Typo in Proposed Rule - correct citation is "Green et al. 1992"	na
Marine Mammal Institute 2012	Update Western Gray Whales information posted at http://mmi.oregonstate.edu/Sakhalin2011 and accessed November 18, 2013.			62		Υ	na	Jet ali. 1772	2
Clarke and Moore 2002	Clarke, J. T. and S. E. Moore. 2002. A note on observation of gray whales in the southern Chukchi and northern Bering Seas, August-November, 1980-89. Journal of Cetacean Research and Management 4(3):283-288.			22		Υ	na		6

Swartz and Jones 1983	Swartz, S.L., and M.L. Jones. 1983. Gray Whale (Eschrichtius robustus) Calf Production and Mortality in					
Swartz and sones 1700	the Winter Range, SC/34/PS4. Rep. Int. Whal. Comm. 33:503-507.	17	'	Y	na	6
Urban et al. 2012	Urbán R., J., D. Weller, O. Tyurneva, S. Swartz, A. Bradford, Y. Yakovlev, O. Sychenko, H. Rosales N., A. S. Martínez, A. Burdin, and A. Gómez-Gallardo U. 2012. Report on the photographic comparison of the western and Mexican gray whale catalogues. Paper SC/64/BRG13 presented to the International Whaling Commission Scientific Committee	56	5	Y	na	6
Vertyankin et al. 2004	Vertyankin, V.V., Nikulin, V.C., Bednykh A.M. and Kononov, A.P. 2004. Sighting of gray whales (Eschrichtius robustus) near southern Kamchatka.Pp 126-128 in: Marine Mammals of the Holarctic. Collection of scientific papers of International Conference. Koklebel, Crimea, Ukraine, October 11-17, 2004	49)	Y	na	6
Wang 1984	Wang, P. 1984. Distribution of the gray whale (Eschrichtius gibbosus) off the coast of China. Acta Ther. Sinica 4(1):21-6. [In Chinese with English summary].	55	5	Υ	na	6
Mate et al. 2011	Mate, B., A. L. Bradford, G. Tsidulko, V. Vertyankin, and V. Ilyashenko. 2011. Late-feeding season movements of a western North Pacific gray whale off Sakhalin Island, Russia and subsequent migration into the Eastern North Pacific. Paper SC/63/BRG23 presented to the IWC Scientific Committee.	60)	Y	na	7
Sanchez Pacheco 1998	Sanchez Pacheco, J.A. 1998. Gray whale mortality at Ojo de Liebre and Guerrero Negro Lagoons, Baja California Sur, Mexico: 1984-1995. Marine Mammal Science 14(1):149-155.	18	3	Υ	na	7
Tyurneva et al. 2010	Tyurneva, O. Y., Y. M. Yakovlev, V. V. Vertyankin, and N. I. Selin. 2010. The peculiarities of foraging migrations of the Korean-Okhotsk gray whale (Eschrichtius robustus) population in Russian waters of the Far Fastern seas. Rus. Jour. of Marine Biol. 36(2):117-124.	50)	Υ	na	8
Mizue 1951	Mizue, K. 1951. Grey whales in the East Sea of Korea. The Scientific Reports of the Whales Research Institute. Tokyo 5:71-9.	53	3	Y	na	9
Moore et al. 2003	Moore, S. E., J. M. Grebmeier, and J.R. Davies. 2003. Gray whale distribution relative to forage habitat in the northern Bering Sea: current conditions and retrospective summary. Canadian Journal of Zoology 81:734-742	24	ļ	Y	na	9
Calambokidis et al. 2002	Calambokidis, J., J. D. Darling, V. Deecke, P. Gearin, M. Gosho, W. Megill, C. M. Tombach, D. Goley, C. Toropova, and B. Gisborne. 2002. Abundance, range and movements of a feeding aggregation of gray whales (Eschrichtius robustus) from California to southeast Alaska in 1998. Journal of Cetacean Research and Management 4(2):267-276	26	5	Y	na	10
Clapham and Mattila 1993	Clapham, P. J. and D. K. Mattila. 1993. Reactions of humpback whales to skin biopsy sampling on a west indies breeding ground. Marine Mammal Science 9: 382-391.	70)	Υ	na	10
Moore et al. 2007	Moore, S. E., K. M. Wynne, J. C. Kinney, and J. M. Grebmeier. 2007. Gray whale occurrence and forage southeast of Kodiak Island. Alaska. Marine Mammal Science 23(2): 419-428.	29)	Υ	na	10
Swartz et al. 2000	Swartz, S. L., B. L. Taylor, and D. J. Rugh. 2000. Review of studies on stock identity in the gray whale (Eschrichtius robustus). Unpublished report presented to the International Whaling Commission (SC/52/SD3)	64	1	Y	na	10
Berzin 1984	Berzin, A. A. 1984. Soviet studies on the distribution and numbers of the gray whale in the Bering and Chukchi Seas from 1968 to 1982. Pages 409-419 in Jones, M. L., S. L. Swartz, and S. Leatherwood,	20)	Υ	na	13
Hatler and Darling 1974	editors. The Grav Whale Eschrichtius robustus. Academic Press Inc., Orlando, FL. Hatler, D. F. and J. D. Darling. 1974. Recent observations of the gray whale in British Columbia. Canadian Field-Naturalist 88(4):449-459.	30)	Y	na	13
Highsmith et al. 2007	Highsmith R. C., K. O. Coyle, B. A. Bluhm, and B. Konar. 2007. Gray Whales in the Bering and Chukchi Seas. Pages 303-313 in Estes, J., D. P. DeMaster, D. F. Doak, T. M. Williams, and R. L. Brownell, editors. Whales, Whaling, and Ocean Ecosystems. University of California Press, Berkley, CA.	25	5	Y	na	14
Gauthier and Sears 1999	Gauthier, J. and R. Sears. 1999. Behavioral response of four species of balaenopterid whales to biopsy sampling. Marine Mammal Science 15(1):85-101.	71		Υ	na	17
Harvey and Mate 1984	Harvey, J. T. and B. R. Male. 1984. Dive characteristics and movements of radio-tagged gray whales in San Ignacio Lagoon, Baja California Sur, Mexico. Pages 561-89 in Jones, M. L., S. L. Swartz, and S. I eatherwood, editors. The Gray Whale. Eschrichtius robustus. Academic Press, Inc., Orlando, FL.	69)	Y	na	17
Moore and Weller 2013	Moore, J. E. and D. W. Weller. 2013. Probability of taking a western North Pacific gray whale during the proposed Makah hunt. NOAA Technical Memorandum NMFS-SWFSC-506. January 2013.			7 Y	na	17
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pers. comm. 03-08-19.pdf	March 8, 2019, e-mail exchange between J. Calambokidis (CRC), Dave Weller (NMFS), and S. Stone	Υ					No	No		'
101 111	(NMFS) titled "RF: Estimating the Time to Check for WNP Gray Whale matches."		 	1						
J.Calambokidis pers. comm.	J. Calambokidis, Cascadia Research Collective, and D. Weller, NMFS, personal communication, 2017.	.,								1
01-23-17.pdf	January 23, 2017, e-mail from J. Calambokidis (CRC) to S. Stone (NMFS) titled "RE: Estimating the	Υ					No	No		
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A.Lang pers. comm. 10-17-	A. Lang, NMFS, personal communication, 2017. October 17, 2017, e-mail from A. Lang (NMFS) to S.	Υ					No	No		1
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Wieting 2018	Letter dated 8-27-18 from D. Wieting (NMFS) to J. Calambokidis (Pacific SRG) re: NMFS response to			11			No	No		13
	2018 recommendations of the Pacific SRG.		1	11	ļ		140	INU		15
IWC 2016b	IWC 2016. Report of the Scientific Committee. Report of the 2nd workshop on the rangewide review of	·		1						
	the population structure and status of North Pacific gray whales, 1-3 April 2015, La Jolla, CA, USA. Journal			1		12	No	No		18
	of Cetacean Research and Management (suppl.) 17:567-581.		<u> </u>	<u> </u>	<u></u>					
Carretta et al. 2018	U.S. Pacific DRAFT Marine Mammal Stock Assessments: 2018			10			No	No		24
Carrella et al. 2010										
IWC 2018d	IWC. 2018. Report of the Fifth Rangewide Workshop on the Status of North Pacific Gray Whales. Report				39		No	No		43

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MMC 2018	Second response letter (3-13-18) from P. Thomas (MMC) to B. Thom (NMFS) re: consultation on proposed waiver and regulations.		15				No	No	3
MMC 2017	First response letter (7-11-17) from R. Lent (MMC) to B. Thom (NMFS) re: consultation on proposed			1					
IVIIVIC 2017	waiver and regulations.		8				No	No	4
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WWW 5 2010	Division Report, December 2018.		12				No	No	6
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NIVII 3 2017C	U.S. Marine Mammal Commission on a proposed waiver and regulations related to the Makah Indian								
	Tribe's reuest for a waiver of the Marine Mammal Protection Act moratoprium on take of eastern North		13				No	No	6
	Pacific gray whales March 26, 2019								
CV-C. Yates	Curriculum vitae for Chris Yates, NMFS		1				No	No	1
CV-S. Bettridge	Curriculum vitae for Dr. Shannon Bettridge, NMFS		<u>'</u>	1			No	No No	6
CV-D. Weller	Curriculum vitae for Dr. David Weller, NMFS				1		No	No	6
CV-J. Moore	Curriculum vitae for Dr. Jeffrey Moore, NMFS				- '	1	No	No	13
Declaration-C. Yates	Declaration for Chris Yates, NMFS		1				No	No	30
Declaration-S. Bettridge	Declaration for Dr. Shannon Bettridge. NMFS		'	1			No	No	15
Declaration-5. Bettridge	Declaration for Dr. Shainfort Bettinge, NWFS Declaration for Dr. David Weller, NMFS			'	1		No	No	32
Declaration-J. Moore	Declaration for Dr. Jeffrey Moore, NMFS Declaration for Dr. Jeffrey Moore, NMFS				'	1	No	No	16
NOAA 2019	Ex Parte Memo signed 3-14-19		4			-	No	No	9
Thom 2017a			4	-			INU	INU	7
1110111 2017a	First letter (5-12-17) from B. Thom (NMFS) to R. Lent (MMC) re: consultation on proposed waiver and		10				No	No	76
Thom 2017b	regulations. Second letter (12-19-17) from B. Thom (NMFS) to R. Lent (MMC) re: consultation on proposed waiver								
1110111 2017b	and regulations		14				No	No	88
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	suggests reporductive connectivity between the 'southern feeding group' and the larger population of	Υ			38		No	Υ	8
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raylor et al. 2000	Taylor, B.L., Wade, P.R., D.P. DeMaster, and J. Barlow. 2000. Incorporating Uncertainty into Management	Υ		3			No	Υ	10
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	Landing Craft Air Cushion interaction study program. U.S. Navy Contract N62474-87-C-8669. Rep from	Υ					No	Υ	70
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Weller et al. 2002	Weller, D.W., Burdin, A.M., Würsig, B., Taylor, B.L. and Brownell, R.L., Jr. 2002. The western Pacific gray				40			.,	_
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IUCN 2012	IIUCN 2012. Report of the 11th Meeting of the Western Gray Whale Advisory Panel. Geneva, Switzerland.					9	No	Υ	66