# NAMMCO SCIENTIFIC COMMITTEE

January 25–29, 2021, Online

Draft list of documents

##### Working Documents

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| SC/27/18 | Heide-Jørgensen et al. (2021) Status for the narwhal situation in East Greenland | 17.1 |
| SC/27/19 | Heide-Jørgensen (2021) Is the East Greenland-Svalbard-Barents Sea stock of Bowhead whales increasing? | 17.8 |
| SC/27/20 | Pike et al. (2021) Estimates of the abundance of killer whales and northern bottlenose whales from NASS | 17.4, 17.5 |
| SC/27/21 | Garde et al. (2021) Biological parameters in a declining cetacean population | 17.1 |
| SC/27/22 | Mikkelsen (2021) Available data on Atlantic white-sided dolphins from the Faroe Islands 2020 | 17.7 |

##### For Information Documents

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| SC/27/FI01 | Report of SC 26 (2019) | Several |
| SC/27/FI02 | Annual Reports | Several |
| SC/27/FI03 | Report of Council / HoDs Meeting 2020 | Several |
| SC/27/FI04 | Report of Management Committees (2019 as no meeting held in 2020) (MCJ + MCC + MCSW) | Several |
| SC/27/FI05 | SC Letter to HoDs regarding new deadline for delivery of meeting documents | 5 |
| SC/27/FI06 | Response from NAMMCO Chair to letter from SC regarding new deadline for delivery of meeting documents | 5 |
| SC/27/FI07 | Call for Papers for Volume 12 of the NAMMCO Scientific Publications | 16 |
| SC/27/FI08 | Heide-Jørgensen, M. P., Garde, E., Hansen, R. G., Tervo, O. M., Sinding, M. H. S., Witting, L., ... & Reeves, R. R. (2020). Narwhals require targeted conservation. *Science*, *370*(6515), 416. | 17.1 |
| SC/27/FI09 | ICES Activities 2020 |  |
| SC/27/FI10 | Bengtsson, O., Lydersen, C., Kovacs, K. M., & Lindstrøm, U. (2020). Ringed seal (Pusa hispida) diet on the west coast of Spitsbergen, Svalbard, Norway: during a time of ecosystem change. *Polar Biology*, *43*(7), 773-788. | 17.2 |
| SC/27/FI11 | Kovacs, K. M., Krafft, B. A., & Lydersen, C. (2020). Bearded seal (Erignathus barbatus) birth mass and pup growth in periods with contrasting ice conditions in Svalbard, Norway. *Marine Mammal Science*, *36*(1), 276-284. | 17.3 |
| SC/27/FI12 | Kovacs, K. M., Lydersen, C., Vacquiè-Garcia, J., Shpak, O., Glazov, D., & Heide-Jørgensen, M. P. (2020). The endangered Spitsbergen bowhead whales' secrets revealed after hundreds of years in hiding. *Biology Letters*, *16*(6), 20200148. | 17 |
| SC/27/FI13 | Louis, M., Skovrind, M., Samaniego Castruita, J. A., Garilao, C., Kaschner, K., Gopalakrishnan, S., ... & Lorenzen, E. D. (2020). Influence of past climate change on phylogeography and demographic history of narwhals, Monodon monoceros. *Proceedings of the Royal Society B*, *287*(1925), 20192964. | 17.1, 10.2 |
| SC/27/FI14 | Lühmann, K., Lille-Langøy, R., Øygarden, L., Kovacs, K. M., Lydersen, C., Goksøyr, A., & Routti, H. (2020). Environmental Pollutants Modulate Transcriptional Activity of Nuclear Receptors of Whales In Vitro. *Environmental Science & Technology*, *54*(9), 5629-5639. | 17 |
| SC/27/FI15 | Lydersen, C., Vacquié-Garcia, J., Heide-Jørgensen, M. P., Øien, N., Guinet, C., & Kovacs, K. M. (2020). Autumn movements of fin whales (Balaenoptera physalus) from Svalbard, Norway, revealed by satellite tracking. *Scientific reports*, *10*(1), 1-13. | 17 |
| SC/27/FI16 | O’Corry-Crowe, G., Suydam, R., Lori, Q., Smith, T. G., Lydersen, C., Kovacs, K. M.,... & Ferrer, T. (2020). Group structure and kinship in beluga whale societies. *Scientific Reports (Nature Publisher Group)*, *10*(1). | 17 |
| SC/27/FI17 | Tartu, S., Fisk, A. T., Götsch, A., Kovacs, K. M., Lydersen, C., & Routti, H. (2020). First assessment of pollutant exposure in two balaenopterid whale populations sampled in the Svalbard Archipelago, Norway. *Science of the Total Environment*, *718*, 137327. | 17 |
| SC/27/FI18 | Vacquié-Garcia, J., Lydersen, C., Marques, T. A., Andersen, M., & Kovacs, K. M. (2020). First abundance estimate for white whales Delphinapterus leucas in Svalbard, Norway. *Endangered Species Research*, *41*, 253-263. | 17 |
| SC/27/FI19 | Konishi, K., Isoda, T., Bando, T., Minamikawa, S., & Kleivane, L. (2020). Antarctic minke whales find ice gaps along the ice edge in foraging grounds of the Indo-Pacific sector (60° E and 140° E) of the Southern Ocean. *Polar Biology*, 1-15. |  |
| SC/27/FI20 | de la Vega, C., Mahaffey, C., Tuerena, R. E., Yurkowski, D. J., Ferguson, S. H., Stenson, G. B., ... & Jeffreys, R. M. (2020). Arctic seals as tracers of environmental and ecological change. *Limnology and Oceanography Letters*. | 14.1 |
| SC/27/FI21 | Stenson, G.B., Haug, T. & Hammill, M.O. (2020). Harp seals: Monitors of change in differing ecosystems. *Frontiers in Marine* *Science 7*:569258. | 15 |
| SC/27/FI22 | Haug, T., Biuw, M., Gjøsæter, H., Knutsen, T., Lindstrøm, U., MacKenzie, K., ... & Nilssen, K.T. (2021). Harp seal body condition and trophic interactions with prey in Norwegian high Arctic waters in early autumn. *Progress in Oceanography.* | 14.1 |
| SC/27/FI23 | Rian, M. B., Vike-Jonas, K., Gonzalez, S. V., Ciesielski, T. M., Venkatraman, V., Lindstrøm, U., ... & Asimakopoulos, A. G. (2020). Phthalate metabolites in harbor porpoises (*Phocoena phocoena*) from Norwegian coastal waters. *Environment International*, *137*, 105525. | 18.2 |
| SC/27/FI24 | Dietz, R., Fort, J., Sonne, C., Albert, C., Bustnes, J. O., Christensen, T. K., ... & Eulaers, I. (2020). A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. *Environment International*, *146*, 106178. | 18.2 |
| SC/27/FI25 | Quintela, M., Besnier, F., Seliussen, B., Glover, K. A., & Lindstrøm, U. (2020). Population structure of bycaught harbour porpoise (*Phocoena phocoena*) in Norway. *Marine Biology Research*, *16*(3), 141-147. | 18.2 |
| SC/27/FI26 | Moan, A., Skern-Mauritzen, M., Vølstad, J. H., & Bjørge, A. (2020). Assessing the impact of fisheries-related mortality of harbour porpoise (*Phocoena phocoena*) caused by incidental bycatch in the dynamic Norwegian gillnet fisheries. *ICES Journal of Marine Science*. | 10.1 |
| SC/27/FI27 | Leonard, D., & Øien, N. (2020). Estimated Abundances of Cetacean Species in the Northeast Atlantic from Norwegian Shipboard Surveys Conducted in 2014–2018. *NAMMCO Scientific Publications*, *11*. | 17.7 |
| SC/27/FI28 | Leonard, D., & Øien, N. (2020). Estimated Abundances of Cetacean Species in the Northeast Atlantic from Two Multiyear Surveys Conducted by Norwegian Vessels between 2002–2013. *NAMMCO Scientific Publications*, *11*. | 17.7 |
| SC/27/FI29 | Gunnlaugsson, T., Víkingsson, G.A., Haldórsson, S.D., Elvarsson, B.Þ., Haug, T., and Lydersen, C. (2020). Body mass, muscle, blubber and visceral fat content and their seasonal, spatial and temporal variability in North Atlantic common minke whales. *Journal of Cetacean Research and Management 21:* 59-70. | 14, 15 |
| SC/27/FI30 | Pike, D. G., Gunnlaugsson, T., Desportes, G., Mikkelsen, B., Víkingsson, G., & Bloch, D. (2019). Estimates of the Relative Abundance of Long-finned Pilot Whales (Globicephala melas) in the Northeast Atlantic from 1987 to 2015 indicate no long-term trends. *NAMMCO Scientific Publications*, *11*. | 17.6 |
| SC/27/FI31 | Pike, D. G., Gunnlaugsson, T., Mikkelsen, B., Halldórsson, S. D., & Víkingsson, G. (2019). Estimates of the Abundance of Cetaceans in the Central North Atlantic based on the NASS Icelandic and Faroese Shipboard Surveys Conducted in 2015. *NAMMCO Scientific Publications*, *11*. | 17 |
| SC/27/FI32 | Pike, D. G., Gunnlaugsson, T., Sigurjónsson, J. ., & Víkingsson, G. (2020). Distribution and Abundance of Cetaceans in Icelandic Waters over 30 Years of Aerial Surveys. *NAMMCO Scientific Publications*, *11*. | 17 |
| SC/27/FI33 | Pike, D. G., Gunnlaugsson, T., Mikkelsen, B., Halldórsson, S. D., Víkingsson, G., Acquarone, M., & Desportes, G. (2020). Estimates of the Abundance of Cetaceans in the Central North Atlantic from the T-NASS Icelandic and Faroese Ship Surveys Conducted in 2007. *NAMMCO Scientific Publications*, *11*. | 17 |
| SC/27/FI34 | Rosing-Asvid, A., Teilmann, J., Olsen, M. T., & Dietz, R. (2020). Deep diving harbor seals (*Phoca vitulina*) in South Greenland: movements, diving, haul-out and breeding activities described by telemetry. *Polar Biology*, 1-10. | 12.1 |
| SC/27/FI35 | Marine and Freshwater Institute (2019). Summary of by-catch estimates from lumpsucker fishery 2014-2018. | 10.1 |
| SC/27/NPR-FO | National Progress Report 2019 – Faroe Islands |  |
| SC/27/NPR-GL | National Progress Report 2019 – Greenland |  |
| SC/27/NPR-IS | National Progress Report 2019 – Iceland |  |
| SC/27/NPR-NO | National Progress Report 2019 – Norway |  |
| SC/27/PR-JPa,b,c | Progress Report 2020 – Japan  a) Large Cetaceans  b) Small Cetaceans  c) Satellite Tagging Experiments (2019-2020) |  |
| SC/27/PR-CA | Progress Report 2019 – Canada |  |
| SC/27/PR-MK | Progress Report 2020 – Makivik Corporation |  |