

**Northwest Training and Testing Final Environmental Impact Statement/Overseas  
Environmental Impact Statement (EIS/OEIS) Updates, Clarifications, and Corrections**

Following the publication of the Final EIS/OEIS, the Navy discovered a few errors in the document. These errors are discussed below.

Corrected Sonar Hours and Take Calculations

The Navy discovered an error in sonar hours modeling related to “Life Cycle Activities – Pierside Sonar Testing,” a testing event conducted pierside at Naval Base Kitsap Bremerton, Naval Base Kitsap Bangor, and at Naval Station Everett. The correction to this error results in a reduction in annual MF3 sonar hours and an increase in MF1 sonar hours, under Alternative 1 and Alternative 2. The change is the same for both Alternative 1 and Alternative 2. These changes in sonar type and hours also result in increased takes of seven species of marine mammals. The net change in takes applies to take numbers provided in Table 3.4-18 in the Final EIS/OEIS and is shown below in Table 1.

**Table 1. Net annual increase in predicted exposures under Alternative 1 and Alternative 2.**

Species	Stock	Level B		Level A
		Behavioral	TTS	PTS
Gray Whale	Eastern North Pacific	0	1	0
Dall's Porpoise	California, Oregon, & Washington	0	18	0
Steller Sea Lion	Eastern United States	16	1	0
California Sea Lion	United States	73	0	0
Harbor Seal	WA Northern Inland Waters	1	374	8
Harbor Porpoise	Washington Inland Waters	0	73	0
Killer Whale	West Coast Transient	0	5	0
<b>Total</b>		<b>90</b>	<b>472</b>	<b>8</b>

None of the species/stocks that could be affected by Life Cycle Pierside Testing events are listed under the Endangered Species Act or as depleted under the MMPA. Correcting the number of Life Cycle Pierside Sonar testing event hours will result in an insignificant increase in overall MMPA Level B and Level A takes of several species within the NWTT Study Area. All populations are healthy and exposures to sound from these events will be short term (no more than 4 hours) and infrequent (a maximum of 8 times per year). These testing events are addressed in Section 3.4 of the Final EIS/OEIS and are qualitatively evaluated in both the NWTT Draft EIS/OEIS and NWTT Final EIS/OEIS as potentially occurring at Naval Base Kitsap Bremerton, Naval Base Kitsap Bangor, and at Naval Station Everett. Furthermore, the testing events are similar to pierside surface ship sonar system maintenance training events using MF1 sonar systems described in Appendix A (Section A.5.1.1) in the Final EIS/OEIS also proposed to occur at NS Everett and that were quantitatively analyzed and pose similar potential effects on

marine mammals. Therefore, the quantification of marine mammal impacts from Life Cycle Pierside Sonar testing events at Naval Station Everett does not reflect a significant departure from or a substantial change in the nature of activities or environmental effects already analyzed as potentially occurring there as described in the Final EIS/OEIS, and the Navy and NMFS concluded that no long-term consequences to marine mammal species/stocks will be expected. These revisions were already incorporated by NMFS into the NWTT Final Rule issued on November 24, 2015.

#### Corrections to Table 2.8-1 (Baseline and Proposed Training Activities)

Table 2.8-1 on p. 2-54 of the Final EIS/OEIS overstates the actual proposed number of high explosive (HE) rounds fired during the “Gunnery Exercise (Surface-to-Surface) – Ship.” Under both Alternative 1 and Alternative 2, the correct number of medium-caliber HE rounds should be 48, not the 178 shown in the Final EIS/OEIS. Likewise, the number of large-caliber HE rounds under Alternative 1 and Alternative 2 should be 80, not the 160 shown in the table. The correct values were properly considered during the analysis of potential impacts both in the NWTT Final EIS/OEIS and in the NWTT Final Rule issued by NMFS on November 24, 2015; only this presentation of the values in Table 2.8-1 was incorrect.

Table 2.8-1 on p. 2-57 incorrectly states that the “Surface Ship Sonar Maintenance” activity will occur at Naval Base Kitsap Bremerton. This activity will occur only at Naval Station Everett and in the Offshore Area.

Table 2.8-2 on p. 2-61 incorrectly states that “Pierside Acoustic Testing” in Alternative 1 and Alternative 2 occurs only at Naval Base Kitsap Bangor. This activity will occur at both Naval Base Kitsap Bangor and Naval Base Kitsap Bremerton. The analysis found throughout Chapter 3 in the Final EIS/OEIS correctly considered both locations; the error was limited to the description on this table.

#### Clarification of Detonations from Sonobuoys

The Navy is providing clarification on the number of actual detonations of size E4 as summarized in Table 3.0-11 on p. 3-33 of the Final EIS/OEIS. Under testing activities for Alternative 1, the 70 detonations represent 70 sonobuoys that each contains 2 explosive charges. Therefore, the total number of E4 explosions could more accurately be understood as 140 vice 70. Similarly, under Alternative 2 of the same table, the listed 77 detonations are of the same type sonobuoy. Therefore, the number of E4 explosions under Alternative 2 could be better represented as 154 vice 77. The number of sonobuoys is correctly shown on Table 2.8-3 on p. 2-64 of the Final EIS/OEIS. The correct number of explosions was properly considered during the acoustic modeling, estimation of takes, and analysis of potential impacts throughout Chapter 3.

#### Correction to Table 5.4-1 (Summary of Recommended Mitigation Measures)

Table 5.4-1 on p. 5-73 of the Final EIS/OEIS does not correctly describe the number of Lookouts for “Gunnery Exercises – Small- or Medium-Caliber using a Surface Target.” For Training, the table should indicate “1-2 Lookouts” vice “1 Lookout” as currently indicated. The second Lookout could be required if a target tow vessel is involved in the exercise.