

**UNITED STATES PATENT AND TRADEMARK OFFICE**

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

PETROLEUM GEO-SERVICES INC.,  
Petitioner

v.

WESTERNGECO LLC  
Patent Owner

---

Cases

IPR2014-00687 (U.S. Patent No. 7,162,967)  
IPR2014-00688 (U.S. Patent No. 7,080,607)  
IPR2014-00689 (U.S. Patent No. 7,293,520)

---

**SUPPLEMENTAL DECLARATION OF ROBIN C. WALKER**

Pursuant to 28 U.S.C. § 1746, I, Robin C. Walker, the undersigned, hereby declare as follows:

1. My name is Robin C. Walker. I am over eighteen years of age, of sound mind, and in all ways qualified and competent to make this declaration. I have personal knowledge of the facts contained in this declaration and they are true and correct.

2. I have worked in the marine seismic industry for 30 years in technical, research and customer-facing roles. Through my experience, I have developed first-hand knowledge of the technologies that have driven customer demand and enabled effective acquisition techniques in this industry. During my 30 year tenure at Schlumberger, I rose to be the Vice President of Sales and Marketing Director for WesternGeco from March 2008 to March 2013 and a Global Account Director for Schlumberger from March 2013 to January 2015. I am

particularly knowledgeable about the development, marketing and sales of WesternGeco's Q-Marine System and the market's reception of Q-Marine and other systems that practice the patents I understand to be at issue in this proceeding ("Bittleston patents").

3. Exhibit 2079 is a true and correct copy of a final draft of an industry magazine article entitled "Application of Q-Marine Technology for SPC; Imaging for Pinghu field gas reservoirs" that was produced by employees at WesternGeco and SPC (a customer of WesternGeco) in 2008 and that I received in 2008 and approved in my role as the worldwide Q Product Manager. This article was made and kept in the ordinary course of WesternGeco's business.

4. Exhibit 2080 is a true and correct copy of a customer and marketing presentation entitled "Q-Marine improvements." I produced and gave this presentation during my time at WesternGeco, specifically during the early to mid-2000s. This presentation was made and kept in the ordinary course of WesternGeco's business.

5. Exhibit 2086 is a true and correct copy of a presentation entitled "4D Acquisition with Q-Marine - Experiences and Strategies" that was produced by employees at WesternGeco and that I received during my time at WesternGeco. Specifically, I received this presentation on or around December 1, 2004. This presentation was made and kept in the ordinary course of WesternGeco's business.

6. Exhibit 2088 is a true and correct copy of an article entitled "Mapping the fluid front and pressure buildup using 4D data on Norne Field" from the September 2006 issue of *The Leading Edge*, an industry magazine of the Society of Exploration Geophysicists (SEG). I received this article during my time at WesternGeco and kept it in the ordinary course of WesternGeco's business.

7. Exhibit 2089 is a true and correct copy of an article entitled “Interpreting reservoir talk” from the September 4, 2003 issue of *Offshore Engineer*. I received this article during my time at WesternGeco and kept it in the ordinary course of WesternGeco’s business.

8. Exhibit 2090 is a true and correct copy of an article entitled “Making a good recovery” from the March 14, 2005 issue of *Offshore Engineer*. I received this article during my time at WesternGeco and kept it in the ordinary course of WesternGeco’s business.

9. Exhibit 2091 is a true and correct copy of ION Technical Forum (ITF) 2010’s Book of Abstracts. A version of this document is available for download from ION’s website. See [http://www.iongeo.com/content/documents/pdfs/ITF\\_2010\\_Abstracts\\_.pdf](http://www.iongeo.com/content/documents/pdfs/ITF_2010_Abstracts_.pdf).

10. Exhibit 2092 is a true and correct copy of an article entitled “Intelligent Infill for Cost Effective 3D Seismic Marine Acquisitions” from the 71st EAGE Conference and Exhibition.

11. Exhibit 2093 is a true and correct copy of a draft of an industry magazine article entitled “Evolution Through New Functionality and Applications, Q-Marine gets even better” that was produced by employees at WesternGeco. This article was made and kept in the ordinary course of WesternGeco’s business.

12. Exhibit 2094 is a true and correct copy of an article entitled “Q-Technology - moving into the mainstream” from the July/August 2003 issue of *The Journal of Offshore Technology*. Employees at WesternGeco contributed significantly to the content of this article. I received this article during my time at WesternGeco and kept it in the ordinary course of WesternGeco’s business.

13. Exhibit 2100 is a true and correct copy of an article entitled “WesternGeco, Seeing Below the Surface” from the May 2002 issue of *Shell E&P Technology*.

