

**Introduced by Senators Bates, Cannella, Nguyen, and Vidak**

March 5, 2015

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Senate Resolution No. 16—Relative to National Surveyors Week.

1       WHEREAS, There are over 45,000 professional surveyors in  
2 the United States, and 3,488 in the State of California; and  
3       WHEREAS, Surveying is the art and science of accurately  
4 determining the position of points and the distances between them  
5 and is often used to establish land boundaries for ownership or  
6 governmental purposes; and  
7       WHEREAS, Surveying has been an essential element in the  
8 development of the human environment since the beginning of  
9 recorded history and is required in the planning and execution of  
10 nearly every form of construction, with its most familiar modern  
11 uses in the fields of transportation, building and construction,  
12 communications, mapping, and the definition of legal boundaries  
13 for land ownership; and  
14       WHEREAS, In order to accomplish their objective, surveyors  
15 use elements of engineering, physics, mathematics, law, and  
16 history; and  
17       WHEREAS, Since the colonial days of the United States,  
18 surveyors have been leaders in the community, statesmen,  
19 influential citizens, and shapers of cultural standards; and  
20       WHEREAS, Former notable surveyors include George  
21 Washington, Thomas Jefferson, Abraham Lincoln, Lewis and  
22 Clark, Daniel Boone, and Henry David Thoreau, among many  
23 others; and  
24       WHEREAS, It was the work of the surveyor that determined  
25 the boundaries of land, the greatest economic asset in the colonies

1 and territories that became the United States, including California;  
2 and

3 WHEREAS, The nature of surveying has changed dramatically  
4 over time, as it is no longer limited to the description and location  
5 of land boundaries; and

6 WHEREAS, Hydrographic surveys are important to the use of  
7 all bodies of water; and

8 WHEREAS, Engineering surveys are utilized in the study and  
9 selection of engineering construction; and

10 WHEREAS, Geodetic surveys determine precise global  
11 positioning for such activities as aircraft and missile navigation;  
12 and

13 WHEREAS, Cartographic surveys are used for mapping and  
14 charting, as well as photogrammetry, the science of using aerial  
15 photographs for measurement and map production; and

16 WHEREAS, Many services are now provided through the use  
17 of sophisticated surveying equipment and techniques, including  
18 satellite-borne remote sensing devices and automated positioning,  
19 measuring, recording, and plotting equipment; and

20 WHEREAS, The establishment of the week of March 15 through  
21 March 21, 2015, as National Surveyors Week is a fitting tribute  
22 to all surveyors; now, therefore, be it

23 *Resolved by the Senate of the State of California*, That the Senate  
24 recognizes the week of March 15 through March 21, 2015, as  
25 National Surveyors Week; and be it further

26 *Resolved*, That the Secretary of the Senate transmit copies of  
27 this resolution to the author for appropriate distribution.