

SENSATA TECHNOLOGIES HOLDING N.V.
 ATTN: CORPORATE SECRETARY
 529 PLEASANT STREET
 ATTLEBORO, MA 02703

VOTE BY INTERNET - www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions up until 11:59 P.M. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

KEEP THIS PORTION FOR YOUR RECORDS
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

The Board of Directors recommends you vote FOR the following: For All Withhold All For All Except _____ To withhold authority to vote for any individual nominee(s), mark "For All Except" and write the number(s) of the nominee(s) on the line below.

1. Election of Directors

Nominees

- | | | | | |
|-----------------|--------------------------|-------------------|------------------------|----------------------|
| 01 Paul Egerley | 02 Martha Sullivan | 03 Beda Bolzenius | 04 James E. Heppelmann | 05 Charles W. Peffer |
| 06 Kirk P. Pond | 07 Constance E. Skidmore | 08 Andrew Teich | 09 Thomas Wroe | 10 Stephen Zide |

The Board of Directors recommends you vote FOR proposals 2 through 7.

- | | For | Against | Abstain |
|---|--------------------------|--------------------------|--------------------------|
| 2 Ratify the selection of Ernst & Young LLP as independent auditor for the 2017 fiscal year. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3b Adopt the Dutch Statutory annual accounts for 2016 and authorize the preparation of the 2016 annual accounts and annual report of directors in the English language. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 Discharge members of the Board of Directors from certain liabilities for fiscal year 2016. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 Extend to the Board of Directors the authority to repurchase up to 10% of the outstanding ordinary shares in the capital of the company for 18 months. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 Advisory proposal to approve the 2016 compensation of the Named Executive Officers (as disclosed in the proxy statement under "Executive Compensation") | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Amend the Company's Articles of Association to change its registered offices to Hengelo, The Netherlands | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: To transact such other business as may properly come before the General Meeting or any adjournments or postponements thereof.

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name, by authorized officer.

Signature [PLEASE SIGN WITHIN BOX] Date

Signature (Joint Owners) Date

000030810_1 R1.0.1.15

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting: The Annual Report and Notice & Proxy Statement are available at www.proxyvote.com

**SENSATA TECHNOLOGIES HOLDING N.V.
PROXY
Annual General Meeting of Shareholders
May 18, 2017**

This proxy is solicited on behalf of the Board of Directors

The undersigned shareholder of Sensata Technologies Holding N.V. hereby constitutes and appoints each of Joshua Young, Steven Reynolds, and Jose Lemus as the attorney and proxy of the undersigned, with full power of substitution and revocation, to vote for and in the name, place, and stead of the undersigned at the 2017 Annual General Meeting of Shareholders of Sensata Technologies Holding N.V. (the "Company"), to be held on May 18, 2017, beginning at 6:00 p.m. Central European Time, at the offices of Loyens & Loeff N.V., located at Fred. Roeskestraat 100, 1076 ED Amsterdam, the Netherlands, and at any adjournments or postponements thereof, the number of votes the undersigned would be entitled to cast if present.

The Notice of Meeting, proxy statement and proxy card are available at <http://annualmeeting.sensata.com> for viewing purposes only.

WHEN PROPERLY EXECUTED, THIS PROXY WILL BE VOTED IN THE MANNER DIRECTED HEREIN BY THE UNDERSIGNED SHAREHOLDER. IF NO DIRECTION IS MADE, THIS PROXY WILL BE VOTED FOR THE ELECTION OF DIRECTORS AS RECOMMENDED BY THE BOARD AND FOR EACH OF THE PROPOSALS (2) THROUGH (7).

Continued and to be signed on reverse side