

Endurance's Board of Directors Declares Quarterly Dividends on Ordinary and Preferred Shares

PEMBROKE, Bermuda — August 17, 2016 — Endurance Specialty Holdings Ltd. (NYSE:ENH), a Bermuda-based provider of property and casualty insurance and reinsurance, today announced that its Board of Directors declared a quarterly dividend of \$0.38 per ordinary share and \$396.875 per share payable on its 6.35% Non-Cumulative Preferred Shares, Series C (the "Series C Preferred Shares"). The dividend on the Series C Preferred Shares equals \$0.396875 per depositary share, each of which represents a 1/1,000th interest in a share of the Series C Preferred Shares (the "Series C Depositary Shares").

The dividend on Endurance's outstanding ordinary shares will be payable on September 30, 2016 to the ordinary shareholders of record on September 16, 2016 and the dividend on Endurance's Series C Depositary Shares will be payable on September 15, 2016 to the shareholders of record of Series C Depositary Shares on September 1, 2016.

About Endurance Specialty Holdings

Endurance Specialty Holdings Ltd. is a global specialty provider of property and casualty insurance and reinsurance. Through its operating subsidiaries, Endurance agriculture, casualty and other specialty, professional lines and property, marine/energy and aviation lines of insurance and catastrophe, property, casualty, professional lines and specialty lines of reinsurance. We maintain excellent financial strength as evidenced by the ratings of A (Excellent) from A.M. Best (XV size category) and A (Strong) from Standard and Poor's on our principal operating subsidiaries. Endurance's headquarters are located at Waterloo House, 100 Pitts Bay Road, Pembroke HM 08, Bermuda and its mailing address is Endurance Specialty Holdings Ltd., Suite No. 784, No. 48 Par-la-Ville Road, Hamilton HM 11, Bermuda. For more information about Endurance, please visit www.endurance.bm.

Contact Investor Relations Phone: +1 441 278 0988

Email: investorrelations@endurance.bm