

Endurance's Board of Directors Declares Quarterly Dividend of \$0.32 per Ordinary Share, \$0.484375 per Series A Preferred Share and \$0.46875 per Series B Preferred Share

PEMBROKE, Bermuda — November 7, 2013 — 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 \$0.32 per ordinary share, \$0.484375 per share payable on its 7.75% Non-Cumulative Preferred Shares, Series A and \$0.46875 per share payable on its 7.50% Non-Cumulative Preferred Shares, Series B. The dividend on Endurance's outstanding ordinary shares will be payable on December 31, 2013 to the ordinary shareholders of record on December 17, 2013 and the dividend on Endurance's Series A and Series B Preferred Shares will be payable on December 13, 2013 to the Series A and Series B Preferred shareholders of record on November 29, 2013.

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 writes agriculture, casualty and other specialty, professional lines and property lines of insurance and catastrophe, property, casualty, and other 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 Wellesley House, 90 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