Chile quake triggers Pacific tsunami alert South Convergent boundary **American** Nazca plate is moving towards Plate South America plate at velocity of 74mm per year **NORTH AMERICA** PLATE Nazca Plate Direction plates push Sep 16, 22:54GMT (7:54pm) 8.3-magnitude quake about PERU BRA7II 232km north-west of Santiago. Town of Coquimbo hit by waves up to 4.5 metres high **BOLIVIA** Iquique CHILE PARAGUAY Atlantic Coquimbo **(**) Ocean PACIFICPLATE Santiago URUGUAY **Buenos Aires** NAZCA Residents feel tremors PLATE Pacific ARGENTINA SOUTH Ocean **AMERICA** PLATE ANTARCTIC PLATE SCOTIA PLATE Source: U.S. Geological Survey © GRAPHIC NEWS