

IRVINE SENSORS CORPORATION NEWS RELEASE

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FOR IMMEDIATE RELEASE

IRVINE SENSORS SETS 2nd QUARTER CONFERENCE CALL
Webcast scheduled for Thursday, May 12, 2005 at 1:15 PM (Pacific Daylight Time)

COSTA MESA, CALIFORNIA -- May 5, 2005 -- Irvine Sensors Corporation (NASDAQ: IRSN, Boston Exchange: ISC) today announced that it will host a conference call to discuss results of its second quarter and first half of fiscal 2005, the 13 and 26 weeks ended April 3, 2005, on Thursday, May 12, 2005 at 1:15 PM Pacific Daylight Time.

Irvine Sensors' CEO John C. Carson and CFO John Stuart will host the Company's call to discuss those results. The conference call will be broadcast live over the Internet and can be accessed by all interested parties via a link on Irvine Sensors' homepage at www.irvine-sensors.com. To listen to the live call, please go to the Irvine Sensors website at least fifteen minutes prior to the start of the call to register, download, and install any necessary audio software. For those unable to monitor the live broadcast, a replay will be available shortly after the conclusion of the call, and remain archived on the Irvine Sensors site through May 26, 2005.

Irvine Sensors Corporation (www.irvine-sensors.com) and its subsidiaries, headquartered in Costa Mesa, California, are primarily engaged in the development and production of high-density electronics, image processing and sensing devices, and low power integrated circuits which are intended to have broad applications in military and commercial systems.

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