

**January 8, 2002 — TRW Moves Ahead With AstroMesh™ Reflector for MBSAT;
MBSAT to Provide Digital Audio and Video Services**

REDONDO BEACH, Calif. – Jan. 8 /PRNewswire/ – TRW Inc. (NYSE: TRW) is moving ahead with the design and development of a deployable AstroMesh(TM) reflector for Mobile Broadcasting Corporation (MBC) of Japan's MBSAT geostationary satellite under a contract from Space Systems/Loral, a subsidiary of Loral Space & Communications (NYSE: LOR).

MBSAT will provide digital multimedia information services such as CD-quality audio, MPEG-4 video and data to mobile users throughout Japan and Korea equipped with receivers in cars, ships, trains, handheld terminals, cellular phones and home portables.

TRW's 12-meter, S-band AstroMesh reflector will be integrated onto Loral's 1300 spacecraft bus to transmit the MBC programming. MBC's service is scheduled to become operational in early 2004.

"Space-based digital audio and video services are fast becoming a reality throughout the world," said Chris Yamada, president, TRW Astro Aerospace. "We're pleased to be a part of this forward-looking project. We believe our reflector will help to provide high quality services to MBSAT's customers."

Reflectors are a key component of an antenna, reflecting radio frequency energy and focusing it into a pattern on the ground. TRW's AstroMesh reflectors provide accurate surfaces that enhance ground performance in a lightweight package.

An AstroMesh reflector aboard the Thuraya Satellite Telecommunications Company spacecraft has been operational for nearly twelve months; TRW is currently building AstroMesh reflectors for the INMARSAT-4 broadband system.

TRW Astro Aerospace designs and manufactures space deployable structures, including truss masts, telescopic booms, storable tubular extendible members, solar arrays and deep truss structures. TRW provides advanced technology products and services for the aerospace, systems and automotive markets.

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