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***NFL KICKS OFF HIGH DEFINITION INSTANT REPLAY
HARRIS CORPORATION SYSTEM
GIVES REFEREES SHARPEST VIEW EVER***

HD INSTANT REPLAY ACTIVE FOR PRO FOOTBALL STADIUMS

Video Press Release

TRT: 6:59

Plus Additional B-Roll & Soundbites

For More Information Please Contact:

Jim Burke

Harris Corporation

321.727.9131

321.604.0067

jburke@harris.com

For Technical Information Please Contact:

D S Simon Productions

212.736.2727

news@dssimon.com

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Story Description: The National Football League (NFL) will kickoff a new era in officiating this season – marking the first time referees in any sport will use high definition (HD) instant replay systems to review close calls.

Twenty one years after the NFL first began using instant replay, referees at professional football stadiums will use new HD systems from Harris Corporation that provide images that are five times sharper than previous standard definition systems. The new HD systems will enable referees on the field and in replay booths to scan and freeze frame the crystal clear video so they can more accurately rule on sideline catches, goal line stands and other critical plays that often are challenged by coaches.

The new HD instant replay systems have been installed in 27 NFL stadium replay booths, which are staffed by replay officials, a video technician, a video operator and a communicator. Booths at the three remaining NFL stadiums – New York, Dallas, and Indianapolis, and Kansas City – will be activated after the stadiums are renovated. Harris also supplied two other HD instant replay systems for use by the NFL to train officials.

Harris, the leading provider of HDTV solutions for sports broadcasting, supplied the HD playback systems, as well as all the software and services to upgrade the instant replay systems. Each stadium will use Harris™ NEXIO™ HD servers FORCE software (Football Officiating Replay Challenge Expeditor), routing and distribution equipment. Broadcasters and other organizations are transitioning to HD and the Harris® NEXIO™ HD server technology on a global scale – with thousands of channels currently operating at broadcast facilities worldwide.

Harris has a long-standing relationship with the NFL, and worked closely with the league to develop the FORCE software that customizes the control application for instant replay. The new HD systems replace existing Harris standard definition instant replay systems NFL referees have been using since 1999. NFL team owners voted in March to make instant replay permanent.

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Mike Pereira
NFL
Vice President, Officiating

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Rich Zabel
Harris Corporation

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Full-screen 2006 game footage is provided by the NFL.

NFL game footage is to be used only in the context of the HD instant replay story and for no other purposes.

The following is a demonstration of HD instant replay, using footage from a 2006 NFL game.

The following demonstration does take place in an official NFL replay booth.

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Suggested Lead: While more NFL fans are watching games in high definition than ever before, this year they will be joined by some very important people – the replay referees. Here's a behind-the-scenes look.

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Video Press Release

Video	Audio
Monitor 1 Monitor 2 Computer monitor with multiple angles Cutaway Rich reviewing play in HD	(1) Announcer: Multiple tape decks, high-tech monitors, as many as 20 camera positions around the stadium, feeding a high-definition signal to the replay refs. It's an NFL first.
Mike Pereira NFL	(2) Mike Pereira: <i>The referees are so happy about this because they're getting a clear view.</i>

<p>Vice President, Officiating</p>	<p><i>They're able to see things. When the referee goes under the hood, he's able now to identify precisely when the knee hits the ground. At the same time he's able to pick out the ball and get a shot of the ball. So it's that clarity that they're going to get now that is going to give the referees the confidence that they're making the right decisions.</i></p>
<p>Harris signage</p>	<p>(3) Announcer: Digital broadcast pioneer Harris Corporation installed the system in 27 stadiums in preparation for opening day. They had also installed the first replay systems in 1999.</p>
<p>Rich Zabel Harris Corporation</p>	<p>(4) Rich Zabel: <i>High definition video is five times greater in quality than standard definition video. This gives the referees the ability to see things much more clearly, and get the same perspective that people do at home.</i></p>
<p>Video on screen</p>	<p>(5) Announcer: The new HD systems will enable referees on the field and in replay booths to scan and freeze frame the crystal clear video, which can help speed up the game.</p>
<p>Mike Pereira NFL Vice President, Officiating</p>	<p>(6) Mike Pereira: <i>In the pre-season, we've had a situation already present itself, where the referee made a quick decision on a very difficult play on whether the ball touched the ground or touched off of a player's arm. He made a quick decision and he walked out of</i></p>

	<i>there confident that it was right, and that's part of this whole improved process.</i>
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Suggested Tag: The remaining teams – New York, Dallas, Indianapolis, and Kansas City – will upgrade when they open their new stadiums currently under construction.

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Additional B-Roll

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Mike Pereira

NFL

Vice President, Officiating

The clarity, I do think will get us in and out of the review much quicker, and we will continue to make accurate decisions, but I think we will be a little more prompt in making those.

The referees are clearly empowered by this. The one thing they want to do, when the referee goes under the hood, in replay, he wants to make sure that he makes the right decision. When the referees were in Dallas, and we looked at the new monitor in high definition that we gave them, they were almost euphoric in their enthusiasm because it all seemed so much clearer to them.

The NFL feels that we are ahead of the game, and that's where we always want to be. We felt we were ahead of the game when we went with the system in 1999, but it's very critical that we as the NFL stay with the best equipment and have the best technology, so we can make the most accurate decisions.

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Rich Zabel
Harris Corporation

High definition video is so much clearer than analog video. It gives viewers at home the opportunity to see things much more clearly; it also gives the referees and officiating crews the ability to see everything much more clearly when the play is challenged. They can see anything from a blade of a grass in between a foot and a sideline, to a knee touching when a ball is being held by a receiver. Everything is so much crisper and cleaner.

From an officiating perspective, the replay system captures everything that the viewer at home sees. So if you see a replay at home, we're seeing it in the replay booth and we're utilizing that for reviewing the game and reviewing challenged plays. We get different views from different games. A Monday Night or a Sunday Night game will have over twenty cameras, because of the audience that's actually viewing the game.

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