



SCIENCE CHANNEL MARCH 2010 HIGHLIGHTS

*All times ET/PT

Contact: Andrew Scafetta: 240-662-5519
Andrew_Scafetta@discovery.com

The marking "(wt)" designates a working title and may be subject to change.

**Denotes programs with artwork available for download at
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SPECIAL PROGRAMMING

HITLER'S SECRET SCIENCE

North American Premiere
Monday, March 15 at 9 PM
[TV-PG]

In the crucible of World War Two, Germany's most brilliant scientists raced to create an arsenal of terrifying new weapons of mass destruction. Adolf Hitler called them "wonder weapons." The weapons – a stealth-like trans-Atlantic spacecraft, an invisible death ray, a flying missile launcher, and an atomic bomb – were masterworks of a desperate quest to terrify American and the allies and win the war. But how close were scientists to creating these weapons? Were they even a possibility?

SERIES PREMIERES

MACHINES!

U.S. Premiere
Friday, March 5 at 8 PM
Series Aairs Fridays at 8 and 8:30 PM
[TV - G]

An entertaining, "wow factor" look at how machines work. Get a rarely seen look inside, under and through some of the most extraordinary machines, and everyday machines that we hardly give a second thought to. From the escalator and the Jet Ski to the unusual spy drone and an ATM cash machine, **MACHINES!** uses CGI to take viewers where cameras cannot fit to reveal the complex design and engineering usually hidden from plain sight.

Friday, March 5 8 PM U.S. PREMIERE [TV-G]	<i>Coal-Fired Power Plant, Telescope, Rollercoaster, Bowling Pinsetter</i> In this episode viewers get an inside look at a massive clean-coal burning power plant in England that is the size of two Central Park's side-by-side. How does a mega-
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	<p>sized roller coaster deliver thrills while keeping riders alive? And, there is a massive binocular telescope atop an Arizona peak promising to deliver galactic images crisper and closer than those of the Hubble.</p>
<p>Friday, March 5 8:30 PM U.S. PREMIERE [TV-G]</p>	<p><i>Solar Power Planet, Hydrogen-Powered Bike, Escalator, Tattoo Machine</i> Viewers get a rare look at how 200,000 parabolic mirrors focus the sun's rays onto oil tubes, which boil water to power steam turbines that produce electricity. And there's more to an escalator than you ever imagined. Plus, get the inside scoop on how a tattoo machine works.</p>
<p>Friday, March 12 8 PM U.S. PREMIERE [TV-G]</p>	<p><i>Rally Car, Town Hall Clock, Canal Lift Lock, Offset Printing Press</i> In this episode, Science Channel investigate what makes a rally car nearly indestructible, and how a major city newspaper gets one million copies out by morning using a state-of-the-art printing press. And, viewers find out a one large lock lifts a dozen boats at a time without using any electricity.</p>
<p>Friday, March 19 8 PM U.S. PREMIERE [TV-G]</p>	<p><i>Super Ferris Wheel, Jet Ski, Hoover Dam, Traffic Light</i> In a city shy of skyscrapers the London Eye rises 40 stories above the Thames with 800 riders in 32 lounge-sized pods hanging from its rim. How does the machine never stop while loading and unloading passengers? And, the Hoover Dam does more than just produce electricity. It's an engineering marvel that holds back a raging river.</p>
<p>Friday, March 26 8 PM U.S. PREMIERE [TV-G]</p>	<p><i>Industrial Loom, Unmanned Aerial Vehicle, Logging Machine, Hovercraft</i> Viewers get a unique look at how designers of a rescue hovercraft broke the rules by using just a single fan for lift and for thrust, where other hovercrafts normally use two. Also, the remote controlled quadrotor aerial drone has graduated from hobby shop to superspy. Three feet wide, and weighing less than two pounds, the drone's not only remote controlled, but programmed to fly and land on its own.</p>

ONGOING SERIES

MANTRACKER

U.S. Premiere

Series Airs Wednesdays at 10 PM

**** Artwork Available**

Terry Grant is an expert, veteran outdoorsman trained to track and retrieve missing persons in the deep wilderness. Unflappable in any environment, Grant's mission in

each episode of **MANTRACKER** is to track two contestants through rough country and capture them before they can reach the finish line. Trekking through deep woods, rugged rock face and rushing rivers, the contestants get a three kilometer head start and a compass, but must battle their surroundings, a 36 hour time limit and a proud Grant in order to avoid capture.

<p>Wednesday, March 3 10 PM U.S. Premiere [TV-PG]</p>	<p><i>Tommy and Steve</i> Tommy and Steve lead Mantracker through the foothills of steep terrain. But there antics of leaving "treats" for Mantracker wears on his patience.</p>
<p>Wednesday, March 10 10 PM U.S. Premiere [TV-PG]</p>	<p><i>Mike and Adam</i> Brothers-in-law Mike and Adam have book smarts – they're both teachers. But will all that theoretical knowledge translate into solid strategy as they try to outsmart Mantracker?</p>

BIG, BIGGER, BIGGEST

North American Premiere

Series Airs Fridays at 10 PM

[TV-G]

****Artwork Available**

BIG, BIGGER, BIGGEST follows the evolutionary engineering leaps that enabled iconic structures to grow in size. Each episode tries to understand how these structures have grown so large and learn about the turning points that propelled the structure to explode in size and scale into the largest, heaviest and longest structures in the world. Viewers will see the largest structures of the kind, travel through history to see the smallest examples and along the way meet the characters who influenced the progress.

<p>Friday, March 5 10 PM North American Premiere [TV-G]</p>	<p><i>Ferris Wheel</i> This episode reveals the engineering leaps forward that enable the construction of the Singapore Flyer. Using a revolutionary slim ladder truss design and sensor technology, the innovative engineering team is crafting the world's largest eye in the sky, propelling tourists higher than the London Eye and Star of Nanchang.</p>
<p>Friday, March 12 10 PM North American Premiere [TV-G]</p>	<p><i>Superdome</i> This episode reveals the engineering advances that created the construction of the world's largest Superdome – Oita Stadium. With an impressive span of 803 feet, the Oita Superdome in Japan is the largest in the world holding 43,000 spectators. Using Schematic CGI, architects will demonstrate how they constructed a retracting roof, as well as the science behind the heating system that maintains the Stadium's microclimate.</p>
<p>Friday, March 17 10 PM North American Premiere</p>	<p><i>Cruise Liner</i> This episode reveals the incredible engineering leaps that make the construction of the world's largest cruise ship possible. Weighing in at 220,000 tons, with 5,400</p>

<p>[TV-G] Unmatchable</p>	<p>passengers and a cost of over \$1 billion, the Oasis of the Seas boasts an indisputable reputation for being the grandest ship to ever sail. Technology reveals the secrets behind this masterpiece of maritime construction.</p>
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