



<p>ESOCast Episode 1: James Bond at Paranal</p> <p>EMBARGOED UNTIL 30 October 2008</p>		
<p>00:00 [Visual starts]</p> <p>[Narrator] ESO's Paranal Observatory in the Atacama Desert...</p> <p>An ocean of calm and scientific investigation...</p> <p>But not today.</p> <p>...</p> <p>Film crews and actors have descended on the site, recording the latest James Bond blockbuster – and the Paranal Observatory has a starring role!</p>		<p>Calm HD Paranal footage</p> <p>Explosion!</p> <p>Bond action trailer clips and sounds</p>
<p>00:27 ESOCast intro</p> <p>This is the ESOCast! Cutting-edge science and life behind the scenes of ESO, the European Southern Observatory. Exploring the Universe's ultimate frontier with our host Dr J, a.k.a. Dr. Joe Liske.</p>		<p>ESOCast intro</p>
<p>00:43 [Dr. J]</p> <p>Hello and welcome to this very first episode of the ESOCast. This brand new vodcast is dedicated to bringing you the hottest science and the latest news from the European Southern Observatory, home to the world's most advanced telescopes.</p> <p>For this first episode we actually have some rather unusual news to report on. One of ESO's sites in Chile, the Paranal Observatory, featured</p>		<p>Dr. J in virtual studio. ESO logo visible in the background</p> <p>Slate: HOST: Dr. J EPISODE 1: James Bond at Paranal</p> <p>Background images of galaxies</p>

<p>prominently as an exotic location in the filming of the movie Quantum of Solace, the latest adventure of that most famous of secret agents, James Bond.</p>		<p>Quantum of Solace footage in background</p>
<p>01:17 [Narrator] Paranal Observatory is home to ESO's Very Large Telescope. Boasting an array of four giant 8-metre eyes, it is without a doubt the most advanced telescope in the world.</p> <p>Paranal is located on a mountain 2600 metres above sea level in the Atacama Desert, thought to be the driest place on Earth.</p> <p>The high altitude and extreme dryness make it perfect for astronomical observations.</p>		<p>Pan over the VLT and surrounding landscape</p> <p>Interior footage</p> <p>VLT images</p>
<p>01:44 [Narrator] But the conditions at Paranal come with a price.</p> <p>In this forbidding desert environment, virtually nothing can grow outside. The humidity drops below 10%, there are intense ultraviolet rays from the Sun, and the high altitude leaves people short of breath.</p> <p>Living in this extremely isolated place feels like visiting another planet.</p>		<p>View of the desert</p>
<p>02:05 [Dr J] So it's no wonder the site was chosen to film Quantum of Solace.</p> <p>The movie continues the story of secret agent James Bond, played again by Englishman Daniel Craig. This time, he is determined to take revenge on the organisation that caused the death of the woman he loved. And it's this quest that brings him to the desert.</p>		<p>Dr. J in virtual studio</p> <p>Desert images in the background</p> <p>Bond footage</p>
<p>02:25 [Marc Forster] I think the landscapes and what the landscape gives us, and what it gives to Bond and the character, is really, really good because in a sense you know we are shooting in a desert and that is sort of a reflection of Bond's character and self, because, the desert always brings in, brings along a certain loneliness, a certain solitude, and that solitude and</p>		<p>Marc Forster interview footage</p> <p>Slate: Director Marc Forster</p>

<p>loneliness sort of reflects who Bond is at this point.</p>		
<p>02:48 [Daniel Craig] We're about two hours East of Antofagasta which is on the Chilean, North Chilean Coast, in the middle of nowhere. How many feet up? About 10000 feet up are we here?</p> <p>We were lucky enough to be accepted up there really, because it's a research centre, so we were very privileged to be filming up at the observatory and using it for one of our key locations in the movie. It's a stunning place.</p>		<p>Daniel Craig interview footage Slate: 007 Daniel Craig</p> <p>VLT footage</p>
<p>03:15 [Narrator] To make it possible for people to live and work at Paranal, a hotel or "Residencia" was built in the base camp, providing a refuge from the arid environment outside.</p> <p>Here, returning from long shifts at installations on the mountain, the crew can breathe moist air and relax, sheltered from the harsh conditions.</p> <p>The Residencia's award-winning design, including an enclosed tropical garden and pool under a futuristic domed roof, gives its interior a feeling of open space within the protective walls. It is a true haven in the desert.</p> <p>This unique building serves as a backdrop in the Bond film. The Residencia is, in fact, the hideout of maverick Dominic Greene, played by Mathieu Amalric.</p>		<p>Pan over the basecamp, then onto the Residencia</p> <p>Zoom into the Residencia</p> <p>Residencia footage</p> <p>Interior video of the Residencia</p>
<p>04:00 [Mathieu Amalric] It's his façade. It's his nice side. This is to save the planet. It's an eco-park, great idea. Using natural resources not to pollute the planet, try to plant trees, and kill the desert. Great stuff.</p>		<p>Mathieu Amalric interview footage</p> <p>Slate: Dominic Greene Mathieu Amalric</p>

<p>04:24 [Narrator] The Paranal Residencia is elegant, built with robust and inexpensive materials. Taking advantage of an existing depression in the ground, architects created a unique subterranean construction with a single façade opening towards the Pacific Ocean, far below at a distance of about 12 kilometres.</p> <p>It has the same colour as the desert and blends perfectly into the surroundings. Natural daylight is brought into the building through a 35 metre wide glass-covered dome, a rectangular courtyard roof and skylight hatches.</p> <p>The originality of this design made it possible to create an interior with a feeling of open space, despite the underground location.</p>		View of outside and inside of the Residencia
<p>05:06 [Narrator] The film crew of about 300 people shot some of the most critical scenes in the movie at Paranal.</p> <p>The ESO director general, Tim de Zeeuw, happened to be on site during the filming.</p>		Film crew footage
<p>05:19 [Tim de Zeeuw] We are all delighted that they are here and it is extremely good to see how careful the crew is with the surroundings and how mindful they are of the fact that they are in an operating, working observatory.</p>		Slate: ESO Director General Tim de Zeeuw
<p>05:31 [Dr J.] So clearly the crew couldn't do all of the filming at the Observatory itself, so they created a mock-up of the Paranal Residencia at the world famous 007 Stage at Pinewood Studios.</p>		Dr. J in virtual studio Background video of crew working Telescope footage
<p>05:42 [Dr J.] In reality of course, the Paranal Residencia is home to all the technicians, engineers, and astronomers who make the Very Large Telescope or VLT one of the most successful and efficient science machines ever built.</p> <p>Who knows, maybe one day the VLT itself will feature in a James Bond movie.</p>		Telescope footage

<p>06:00</p>		<p>VLT secret files</p>
<p>07:31 [Dr J.] This is Dr J signing off for the ESOcast. The sky is no longer the limit.</p>		<p>Dr. J in virtual studio Background time-lapse footage</p>
<p>07:38 [Outro]</p>		<p>ESOcast is produced by ESO, the European Southern Observatory.</p> <p><i>ESO, the European Southern Observatory, is the pre-eminent intergovernmental science and technology organisation in astronomy designing, constructing and operating the world's most advanced ground-based telescopes.</i></p> <p>Thanks to Sony Pictures and EON Productions Ltd.</p>
<p>07:53 [Lars] Cut!</p>		<p>Studio interior</p>

07:58 END