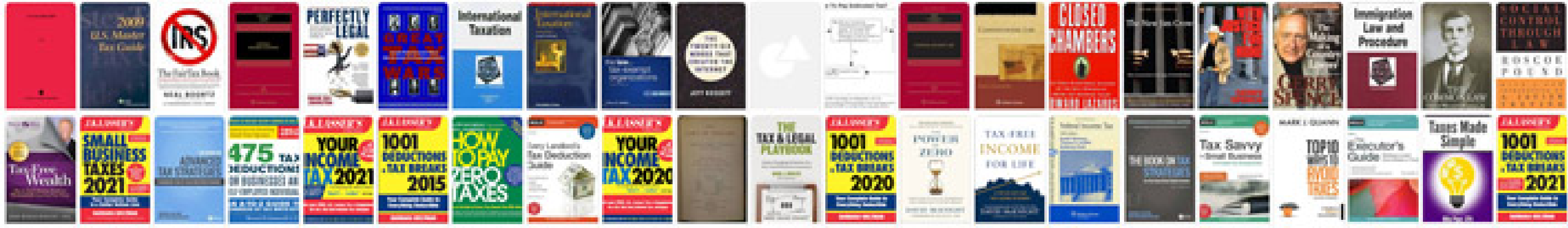

Mass dash relay

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Mass Relays are mass transit devices scattered throughout the Milky Way , usually located within star systems. They form an enormous network allowing interstellar travel. Hailed as one of the greatest achievements of the extinct Protheans , a mass relay can transport starships instantaneously to another relay within the network, allowing for journeys that would otherwise take years or even centuries with only FTL drives. Mass relays consist of two fifteen-kilometer or nine-mile long curved metal arms surrounding a set of revolving, gyroscopic rings five-kilometers across. These rings contain a massive, blue-glowing core of element zero. The relays are made of an unknown but incredibly resilient material, the same material that the Citadel is built from, and are protected by a quantum shield that renders them nearly impervious to damage by locking their structure in place at the subatomic level. They are even capable of surviving a supernova's wake without being damaged. They are "cold" objects that don't emit heat or radiation, unlike starships, making them difficult to find if their position changes. Some relays, like the Charon Relay , are "gravitationally anchored" to celestial bodies; others appear to be out in space and are carefully tracked. Mass relays function by creating a virtually mass-free "corridor" of space-time between each other. This can propel a starship across enormous distances that would take centuries to traverse, even at FTL speeds. Before a vessel can travel, the relay must be given the amount of mass to transit by the ship's pilot before it is moved into the approach corridor. When a relay is activated, it aligns itself with the corresponding relay before propelling the ship across space. At the other end, vessels have no specific exit points and they emerge randomly around the relay. It would take decades to completely mine a relay exit. There are two kinds of mass relay, primary and secondary. Primary relays can propel a ship thousands of light years but only link to one other relay, its "partner". Secondary relays can link to any other relay over shorter distances, only a few hundred light years. After the Rachni Wars , space faring species won't open a primary relay without knowing where it links to, in case they run into another powerful and hostile species like the rachni. This caused a rift when the turians found human pioneers, ignorant of this Citadel Council prohibition, trying to open any mass relay they could find while exploring the relay network, eventually leading to the First Contact War. Many mass relays are currently dormant for unknown reasons, though they can be easily reactivated. A Prothean data cache found on Mars led humans to a mass relay encased in ice and orbiting Pluto , previously thought to be a moon called Charon, which the Charon Relay was eventually named after. A piece of Prothean artwork depicting a mass relay, the Relay Monument , can be found on the Citadel Presidium. It has been interpreted as either a symbol of Prothean vanity, expressing the relays as their means to build a galaxy-wide empire, or possibly as a symbol of galactic unity, which the relay network also embodies. Tali'Zorah nar Rayya claims that after their long voyage through the galaxy, the quarians have also come to appreciate the aesthetic value of the mass relays. An asari matriarch once suggested that the asari should build new mass relays of their own, but it is unknown if modern galactic civilization actually has the capacity to do so. The mass relays, despite common belief, were created not by the Protheans but by the Reapers. As stated by Sovereign , the Protheans were merely one of many alien races to find the relays and the Citadel and take advantage of them. When the Reapers wiped out the Protheans, the asari were the next race to find the relays thousands of years later. According to Sovereign, by using the relays, galactic civilizations evolve along the paths the Reapers desire. In addition, the relays serve to accelerate the rate at which those civilizations advance, shortening the time between Reaper harvests. However, the Protheans did have a keen interest in the relays, and managed to crack the secret behind their operation. This enabled them to build the Conduit before they were destroyed by the Reapers. Commander Shepard also discovers that the Citadel itself is an enormous, inactive mass relay leading to dark space , as well as the control center for all the relays, enabling the Reapers to sever travel between clusters. Its reactivation is, fittingly, more complex than that of an ordinary mass relay, requiring either a coordinated effort by the keepers or manual intervention by a Reaper. Mass relays are believed to be indestructible by galactic society, but no known attempts have been made to actually damage or destroy a relay because they are the only means of long distance space travel and thus too vital to risk. Amanda Kenson and her research team calculated that if a large enough mass impacts a relay with enough force, the relay should not be able to withstand it. The consequences of destroying a mass relay are immense: as a huge mass effect engine manipulating massive quantities of energy, a relay could produce an explosion of supernova proportions. Following a botched rescue attempt for Dr. Kenson that turns into an attempt to delay the Reaper invasion, a large asteroid is purposely steered into the Bahak system's Alpha Relay. The resulting impact tears apart the relay, causing an explosion which annihilates the Bahak system and kills its more than , inhabitants. During the battle to retake Earth from the Reapers , the superweapon known as the Crucible may be activated. When Commander Shepard interacts with the Catalyst , the AI that controls the

Reapers, the Commander is given the option to destroy the Reapers, control the Reapers, merge organic and synthetic life together, or refuse altogether. In all cases save the last, the energy reaction required to achieve those options is transmitted through the mass relay network from the Citadel. The relays' element zero cores overload from the massive amounts of energy involved. Every point in space for hundreds of lightyears from the relays is affected by the Crucible energy, effectively changing the entire galaxy. The relays are rebuilt by the survivors whichever non-refusal decision is taken. If the control option is chosen, the Reapers assume the responsibility. If Shepard didn't rally enough of the galaxy's forces for the final fight, the relays suffer more extensive damage. They explode upon transmitting the Crucible's energy, and subsequent rebuilding afterward proves more difficult for the survivors. This wiki. This wiki All wikis. Sign In Don't have an account? Start a Wiki. Do you like this video? Categories :. Cancel Save. Universal Conquest Wiki. FandomShop Newsletter GalaxyQuest. Viper Nebula , Bahak. The oldest known mass relay in the galaxy. Features unique properties that enable it to expand its range and connect with numerous other relays over long distances. Destroyed, along with the Bahak system, by the Systems Alliance in in an effort to delay the Reapers' invasion. Local Cluster , Sol. Serpent Nebula , Widow. A large space station that serves as the seat of the Citadel Council. Unbeknownst to its occupants, it is also an enormous mass relay that the connects directly to the Reaper lair in dark space. A local mass relay constructed in the city of London during the Reaper occupation of Earth in to facilitate the transport of victims to the Citadel, which at that time had been moved to the planet's orbit. Pangaea Expanse , Refuge. A Prothean-built prototype relay on Ilos. Connects to the Relay Monument on the Citadel , but the trip is only one way. Kite's Nest , Harsa. Adek , Camala , Erszbat , Khar'shan. A charted but rarely-used relay predating the Rachni Wars. Previously abandoned due to the highly lethal radiation of Turix, the neutron star on the other side. The controversial TR Letus probe was deployed through this relay. Two researchers were arrested for landing on and attempting to tamper with the Lowas Relay without authorization in March of Displaced by a supernova 4, years ago and enveloped in a cloud of hot gas and dust, making it impossible to detect and seemingly lost forever. The Mu Relay links to several other relays and is the only relay that links to the remote Pangaea Expanse cluster. Omega Nebula , Sahrabarik. Lorek , Omega , Thunawanuro. One of several mass relays in the Sahrabarik system. A mysterious relay seemingly navigable only by the Collectors ; no non-Collector vessel has ever returned after using it. Nimbus Cluster , Pelion. Ninmah Cluster , Maskim Xul. Arcturus Stream , Arcturus. Arcturus Station , Benning. One of multiple mass relays in proximity of Arcturus. Leads into contested space and has an unsavory reputation. Scott Ryder was assigned to an outpost monitoring the relay. Unauthorized activation by humanity in CE led to turian retaliation, triggering the First Contact War. Located on the Citadel. Mistakenly believed to be a work of art, it is actually a miniature, prototype relay built by the Protheans. Serves as the destination terminus for the Conduit on Ilos , but a return trip is not possible. A key relay in the First Contact War. Crescent Nebula , Tasale. Bekenstein , Citadel. Aethon Cluster , Aru. Irune , Oma Ker. Annos Basin , Pranas. Apien Crest , Trebia. Digeris , Palaven. Argos Rho , Hydra. Intai'sei , Pinnacle Station. Athena Nebula , Parnitha. Lusia , Niacal , Thessia. Attican Beta , Hercules. Caleston Rift , Balor. Arvuna , Caleston. Eagle Nebula , Imir. Anhur , Korlus , Jarrahe Station , Wrill. Exodus Cluster , Utopia. Eden Prime , Terra Nova. Far Rim , Dholen. Gemini Sigma , Han. Hades Gamma , Antaeus. Hades Nexus , Hekate. Hawking Eta , Chandrasekhar. The description for Corang mentions a relay in the Century system of Hawking Eta, but no such relay is shown on the Galaxy Map. Horse Head Nebula , Pax. Hourglass Nebula , Osun. Ismar Frontier , Aquila. Kepler Verge , Newton. Krogan DMZ , Aralakh. Minos Wasteland , Fortis. Gellix , Invictus. Nubian Expanse , Dakka. Perseus Veil , Tikkun. Petra Nebula , Vetus. Elysium , Grissom Academy. Pylos Nebula , Nariph. Rosetta Nebula , Enoch. Formerly on the list of forbidden relays that led to uncharted space. Sentry Omega , Hoc. Shadow Sea , Iera. Sigurd's Cradle , Skepsis. Silean Nebula , Kypladon. Cyone , Dekuuna , Nevos. The Phoenix Massing , Tassrah. Aite , Ekuna , Heretic Station. The Shrike Abyssal , Xe Cha. Heshtok , Talis Fia. Titan Nebula , Haskins. Valhallan Threshold , Raheel-Leyya. Unknown, Turix. A relay located about 18, light years from Earth , orbiting the neutron star Turix. Connects to the Kappa Iota Relay. Destination of the TR Letus probe. Tartarus Debris Field , Collector Base. After more than a year of planning, race director Bruce Leshine and his large group of volunteers pulled it off. They thought the organization was wonderful. They said the course was challenging but not overwhelming. All the runners thought the course was gorgeous. Relay teams consisted of a dozen or so runners each, with one member of each team always running along the route. One of the highlights of the mile trek came late Saturday night and early Sunday morning when runners were allowed to run along the Winsor Dam at the Quabbin Reservoir. There was a lightning storm going on that you could see over the reservoir that they said was just fabulous. The event received

tremendous support from the state police and various towns and organizations, including the Knights of Columbus in Ware serving Sunday breakfast. Teams started to finish late Sunday morning, and all 40 teams completed the course by late Sunday afternoon. A group of local high school runners and coaches, sporting the team name Dirty Dozen, won the event in a shade under 24 hours. Leshine said some of the teams have already committed to next year. People are excited. We hope to be bigger next year now that the name is out. Note to readers: if you purchase something through one of our affiliate links we may earn a commission. All rights reserved About Us. The material on this site may not be reproduced, distributed, transmitted, cached or otherwise used, except with the prior written permission of Advance Local. Community Rules apply to all content you upload or otherwise submit to this site. Ad Choices. Our only bias is toward the truth. Subscribe to MassLive. Facebook Share. Twitter Share. By Bill Wells. Maraton dan ras lain di seluruh dunia sedang ditunda atau dibatalkan. Inilah yang terbaru tentang apa yang kita ketahui. Kisah ini akan diperbarui ketika informasi baru tersedia. Ketika coronavirus novel menyebar dengan cepat â€¦. Apa yang Anda cari dalam liburan? Pantai yang bagus? Makanan yang enak? Acara lari yang luar biasa? Jika yang terakhir adalah Anda, maka Anda berada di tempat yang tepat. Dan jika Anda belum pernah mencoba lari ke luar negeri, mengapa tidak mencobanya? Ini cara yang bagus unt

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uk melihat bagian baru dunia dan Anda akan menemukan â€¦. Pulau terbesar ketiga di dunia, dibagi di antara tiga negara, tidak kehilangan daya tarik itu. Sabah, Malaysia di pulau itu, menawarkan pesona alam yang bervariasi terkonsentrasi hutan kuno tropis ke dunia bawah laut misterius. Adalah tujuan â€¦. Tahun sudah datang. Anda juga tampak bersemangat untuk berpartisipasi dalam acara tersebut pada tahun Salah satunya bisa menjadi acara berjalan bagi mereka yang memiliki tekad untuk tetap sehat dan bugar. Di Indonesia, khususnya pada tahun , ada banyak acara balap yang dapat hadir setiap bulan. Nah, jika Anda tidak benar-benar tahu acara apa â€¦. Tandai kalender Anda untuk akhir pekan yang sehat dan berpartisipasi dalam Go â€¦. Mass Dash adalah lomba estafet mil. Jadi, Anda harus mengumpulkan tim pelari untuk melakukannya. Mereka bisa menjadi teman, mereka bisa menjadi kekasih; mereka bisa menjadi anggota keluarga, mereka bisa menjadi rekan kerja. Mereka bisa menjadi hard-core atau â€¦.