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# Deep Archimedeas


58

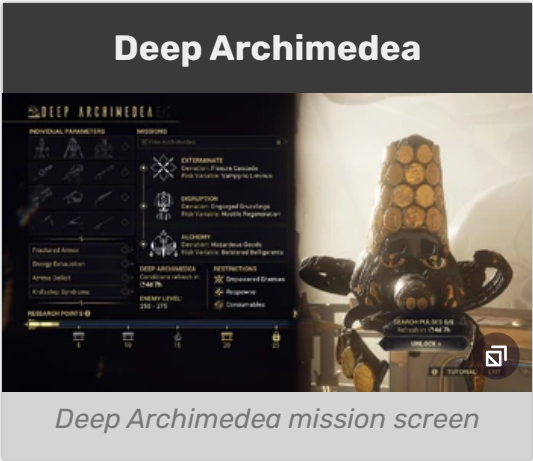
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**Deep Archimedeas** is a series of multi-stage missions in a battle against **V** [The Murmur](#) to drive them out of [Albrecht's Laboratories](#). They can be accessed by speaking to the [Necraloid](#) in the [Sanctum Anatomica](#).

Unlocking Deep Archimedeas for the week consumes 2 **Search Pulses**. 5 Search Pulses are granted each week, shared with [Netracells](#), [resetting](#) at Monday 0:00 UTC.

Players can still partake in Deep Archimedeas missions once they have exhausted all rewards.

Access to this mission requires completion of the [Whispers in the Walls](#) quest and being **Rank 5 - Illuminate** with the  [Cavia](#).



Deep Archimedeas mission screen

☰ Contents

1. Tutorial

2. Mechanics

- 2.1.1. Loadout
- 2.1.2. Personal Modifiers
- 2.2. Deviation
- 2.3. Risk Variable
- 2.4. Restrictions
- 2.5. Elite Archimedeia
- 3. Rewards
- 4. Notes
- 5. Tips
- 6. Patch History

## Tutorial

Albrecht's **Deep Archimedeia** was his project to discover how to defeat The Murmur. Help Necraloid to continue Albrecht's ongoing work by running a preselected set of **3 missions**, consecutively and without breaks, under extremely challenging conditions.

Each week Deep Archimedeia must be **Unlocked** by using **2 Search Pulses**. These are the same Search Pulses that locate Netracells.

With every new week, Necraloid alters the experiment, adding a new set of missions, each with their own **Risk Variables** and **Deviations**. Study these carefully to prepare for what is to be endured.

Necraloid also selects **Loadout** items that he wishes to study. Equip these to receive extra **Research Points**.

**Personal Modifiers** offer the opportunity for brave Tenno to take extra risks in return for **Research Points**.

The more **Research Points** earned, the greater the **Reward Pools** that are unlocked.

Pay special attention to Deep Archimedeia's restrictions. **Void Angels** prevent self-revival and must be defeated to bring a bled-out Tenno back to the fray.



*When you have mastered Deep Archimedeia, it will be time to move onto **Elite Archimedeia**. The ultimate test.*

—In-Game Description

## Mechanics

*Deep Archimedeia Missions are played in sequence, with no opportunity to switch Loadouts.*

—In-Game Description

Similar to [Sorties](#), players are tasked with completing three missions in a row. Players should prepare carefully, as there **are no breaks and no opportunities to switch loadouts** between missions.

Clearing all 3 missions awards **3 Research Points** for rewards.

## Individual Parameters

These **Individual Parameters** exclusively affect a player, and there are two kinds of Individual Parameters that can be selected by the player: **Loadout** and **Personal Modifiers**. Players can restrict their loadout and apply personal debuffs to gain **Research Points** to increase their chances at receiving more rewards.

### Loadout

*Equipping one of the following items rewards 1 Research Point per mission completed.*

—In-Game Description



These Parameters are applied based on **Loadout** equipment. Each week, a choice of **3 Warframes, Primary, Secondary, and Melee Weapons** are listed, matching them awards **1 Research Point** per equipment per mission. The available Loadout restrictions differ between players, and can consist of equipment that the player doesn't own.

In order to activate any of the Loadout parameters, players must change their equipment in the Arsenal. Variants of equipment such as [Primes](#) or [Syndicate Weapons](#) are eligible.

[Kitguns](#) and [Zaws](#) can appear in the Loadout window. Any combination of components



## Personal Modifiers

*Each Personal Modifier grants 1 Research Point per mission completed.*



—In-Game Description

Four randomly selected debuffs can be applied, each granting **1 Research Point** per mission.

These **Personal Modifiers** affect players directly, providing a challenge in exchange for increased Research Points. They're applied individually, allowing a player to increase the challenge for themselves without affecting their teammates.



Personal Modifier ↕	Effects ↕	Notes ↕
<b>Gear Embargo</b>	<a href="#">Gear</a> cannot be used.	
<b>Powerless</b>	All <a href="#">Abilities</a> are disabled until the squad kills <b>50</b> enemies.	<a href="#">Passives</a> seem to be unaffected (needs more testing). Also applies to the <a href="#">Operator</a> / <a href="#">Drifter</a> , however <a href="#">Transference</a> itself is unaffected. <a href="#">Specters</a> are unaffected.
<b>Secondary Wounds</b>	Gain 1 <a href="#">Puncture</a> Status Effect every time you take damage.	
<b>Lethargic Shields</b>	Shield recharge delay increased <b>500%</b> .	Increases recharge delay to <b>6</b> seconds by default. Other sources of shield restoration ( <a href="#">Blessing</a> , <a href="#">Brief Respite</a> , <a href="#">Guardian</a> ) are unaffected.
<b>Ammo Deficit</b>	Ammo restored by <a href="#">drops</a> and gear is reduced <b>75%</b> .	Has no effect on <a href="#">Battery Weapons</a> or <a href="#">Exalted Weapons</a>
<b>Fractured Armor</b>	Casting an ability reduces <a href="#">Armor</a> by <b>10%</b> for 10s.	
<b>Untreatable</b>	Pickups do not heal, and Health Orbs cannot be picked up.	<a href="#">Lavos'</a> Universal Orbs and <a href="#">Equilibrium</a> will still provide energy.
<b>Abbreviated Abilities</b>	<a href="#">Ability Durations</a> reduced by <b>50%</b> .	Reduction is multiplicative; an ability with 250% duration will be reduced to 125%.
<b>Concussive Drain</b>	Taking health damage also consumes <b>5%</b> of max energy per hit.	
<b>Transference Distortion</b>	<a href="#">Transference</a> into <a href="#">Operator</a> and <a href="#">Drifter</a> is blocked.	Prevents usage of <a href="#">Last Gasp</a> and piloting Necramechs.
<b>Terminal Velocity</b>	You do <b>0</b> damage while not moving.	
<b>Framecurses</b>	Activating an Ability inflicts	Damage dealt ignores shields and is



Personal Modifier ↕	Effects ↕	Notes ↕
<b>Knifestep Syndrome</b>	Lose <b>2</b> Health when moving. Jumping pauses the effect.	Rate of health loss is proportional to movement speed.
<b>Energy Exhaustion</b>	Lose <b>2</b> Energy per second for each enemy within 10 meters of you.	
<b>Ammo Scarcity</b>	Ammo depletes steadily. Battery weapons recharge slowly.	Ammo reserves deplete at <b>~5%</b> per second.
<b>Exposure Curse</b>	Shields are removed.	
<b>Sanguine Syndrome</b>	Every time you take damage, you also suffer a <a href="#">Bleed</a> Status Effect.	
<b>Vampyric Syndrome</b>	Lose Health every second. Killing enemies restores Health.	
<b>Conductive</b>	Take <a href="#">Electrical</a> damage every few seconds.	

## Deviation

**Deviations** are mission-related modifiers that add further difficulty, forcing new strategies to adapt to their conditions. They are variations of mission elements players may already be familiar with, designed to keep even the most experienced Tenno on their toes.



Deviation ↕	Mission Compatibility ↕	Effects ↕	Notes ↕
<b>Necramech Influx</b>	All	<a href="#">Necramechs</a> appear with greater frequency.	Hostile Necramechs can spawn without being summoned by <a href="#">Rogue Culverins</a> .
<b>Fissure Cascade</b>	All	Fissures rip into the mission, causing the Enemy Level to go up by 1 every 10s. Destroy them to stop the level from increasing further.	
<b>Damage Link</b>	All	Enemies within <b>10m</b> of each other form a Damage Linked group. Any damage done to an individual is distributed evenly to the entire linked group.	
<b>Sealed Armor</b>	All	Enemies take <b>90%</b> less damage from non-weak point hits.	Weak points will be highlighted with this Deviation active. <a href="#">Anatomizers</a> are exempt from this Deviation since they have no weakspots.
<b>Parasitic Towers</b>	Survival	Life Support Towers only activate after <b>20</b> enemies have been killed within a <b>15m</b> radius of them.	
<b>Hostile Support</b>	Survival	The Life Support Tower delivery system is disabled. Necramechs spawn every <b>90</b> seconds, and drop <b>6</b> Life Support Modules when killed.	Enemies can still drop <a href="#">life support modules</a> on death.




Deviation ↕	Mission Compatibility ↕	Effects ↕	Notes ↕
<b>Hazardous Areas</b>	Survival	Activate Life Support Towers to clear Hazardous Areas for your squad.	
<b>Hazardous Goods</b>	Alchemy	Amphors will inflict their associated elemental damage while being carried.	
<b>Alchemical Invulnerability</b>	Alchemy	<b>10%</b> of enemies are equipped with an impervious Elemental Barrier that can only be destroyed by an Amphor of the corresponding element.	
<b>Eximus Amphora</b>	Alchemy	<a href="#">Eximus</a> units always drop Amphor but they are the only units that drop them.	
<b>Eroding Senses</b>	Mirror Defense	The Auricle and Vitreum take damage over time, collecting the required Vosphene Glyphs will halt the degradation and partially heal them.	
<b>Glyph Inflation</b>	Mirror Defense	The security system requires twice as much Vosphene Glyphs to activate.	
<b>Glyph Trap</b>	Mirror Defense	Some Vosphene Glyphs are booby-trapped with a portal that Teleports those that touch it <b>250m</b> away. After the portal is revealed it lasts <b>45s</b> .	








Deviation ↕	Mission Compatibility ↕	Effects ↕	Notes ↕
<b>Radioactive Breakdown</b>	Mirror Defense	All enemies are invulnerable and can only take damage when they are inflicted with <a href="#">Radiation</a> Status. <a href="#">Chyrinka Pillars</a> appear randomly and inflict Radiation Status.	
<b>Barbed Glyphs</b>	Mirror Defense	Each Glyph inflicts a small amount of damage when collected.	When collected, Glyphs inflict <a href="#">Heat</a> damage with a guaranteed proc.
<b>Coordinated Front</b>	Assassination	Eximus units support The Fragmented Tide and its final form.	
<b>Relentless Tide</b>	Assassination	The Fragmented Tide never stops attacking.	
<b>Angelic Cohort</b>	Assassination	<a href="#">Void Angels</a> fight alongside the final Fragmented form.	
<b>The Fragmented Two</b>	Assassination	Face two Fragmented forms in the final battle.	
<b>Engorged Gruzblings</b>	Disruption	All <a href="#">Gruzblings</a> are Eximus.	
<b>Unified Purpose</b>	Disruption	Enemies can target and destroy Conduits.	An activated Conduit now possesses a health bar that allow all enemies to attack it.
<b>Double Demolishers</b>	Disruption	Two Necramech Demolishers will attack any Conduit, but their health is reduced.	It is possible for both Demolishers to spawn in the same starting room,






Deviation 	Mission Compatibility 	Effects 	Notes 
			players to spread out and take down each Demolisher individually.

Risk Variable

**Risk Variables** are more focused on enemies and weapons, designed to make the endless waves of enemies more merciless than ever before. Tenno will want to check Risk Variables before diving into a Deep Archimedeia to ensure they're prepared for whatever lies in front of them.

Risk Variable 	Effects 	Notes 
<b>Hostile Regeneration</b>	Enemy health slowly regenerates.	
<b>Vampiric Liminus</b>	Slow moving, immortal, Duviri <a href="#">Liminus</a> drain Health and Energy from allies who get too close.	Drains <b>150</b> health and <b>25</b> energy per second while in range. While immortal, they are affected by crowd control. They also deal increased damage to players with <a href="#">Overguard</a> .
<b>Adaptive Aberrations</b>	Enemies gain resistance to Elemental Damage that has been inflicted upon them. Resistance is lost if no damage is taken from that element for 5s.	
<b>Bolstered Belligerents</b>	All enemies have Overguard equal to <b>50%</b> of their max health.	
<b>Ranged Engagements</b>	Only enemies with ranged attacks are present.	
<b>Close Quarters</b>	Only enemies with melee attacks are present.	
<b>Fortified Foes</b>	Guardian Eximus units may be encountered, including Guardian Eximus Necramechs.	
<b>Myopic Munitions</b>	Enemies will only take damage if a player is within <b>15m</b> of them.	
<b>Postmortal Surges</b>	Slain enemies burst with Void energy.	
<b>Elemental Potency</b>	Enemies deal <b>+100%</b> Elemental Damage and have <b>+85%</b> resistance to Elemental Damage.	
<b>Eximus</b>	Additional Eximus units will be	



Risk Variable 	Effects 	Notes 
<b>Bold Venture</b>	Enemies deal <b>-15%</b> Damage and take <b>+15%</b> Damage but gain <b>+15%</b> Movement Speed, Attack Speed, and Fire Rate.	
<b>Devil's Bargain</b>	Allies within <b>4m</b> of slain enemies gain <b>+25%</b> Fire Rate at the cost of <b>-50%</b> Ammo Efficiency.	
<b>Entanglement</b>	Allies within <b>4m</b> of slain enemies endure reduced Movement Speed and Parkour Velocity.	
<b>Commanding Culverins</b>	<a href="#">Rogue Culverins</a> equip weapons that deal <b>5x</b> Damage to Overguard and Necramechs.	Changes projectile fired by Rogue Culverins. Creates an explosion on impact.
<b>Explosive Potential</b>	<a href="#">Rupturing Fragments</a> replace <a href="#">Shuffling Fragments</a> .	
<b>Alluring Arcocanids</b>	As <a href="#">Rogue Arcocanids</a> charge attacks, they pull Warframes toward them.	

## Restrictions

*All Deep Archimedeia missions incur these restrictions:*

*Enemy Health and Shields increased by 100% and an additional 50% for each squad member, stacking to a maximum of 300%.*

*Increased chance of Eximus*

### **NO SELF-REVIVE**

*Self-revive is disabled. Instead, 30s after a Tenno has bled-out, a dormant Void Angel bearing the glyph of the Tenno will appear in the mission. Awaken and defeat the Angel to bring the Tenno back into action. Each subsequent Void Angel will be much stronger.*



**LAST GASP PENALTY**

*Activating the Last Gasp focus ability reduces the timer by 2 seconds.*

**BLEEDOUT SHORTENS**

*The bleedout timer shortens after each revive, to a minimum of 5 seconds.*

**MORTIS STRIKE**

*After being dead for 3 minutes you will incur a Mortis Strike. After 3 Mortis Strikes you will not receive any rewards for this run.*

**COOLDOWN INCREASE**

*Each type of Restore has a 3 minute cooldown timer applied.*

*This cooldown affects all sizes of the Restore type.*

—In-Game Description

**Considered to be extremely difficult with many debilitating restrictions and level 250 - 275 enemies, it is recommended to attempt this mission in full squads.**

- **Empowered Enemies:**

- Enemies have their [Health](#) and [Shields](#) increased by **100%**, and an additional **50%** for each squad member up to a maximum of **300%**.
- [Eximus](#) have a higher spawn rate.

- **Restricted Respawns:**

- [Self-revive](#) is not allowed. **30** seconds after a player dies, a [Void Angel](#) with a single health bar will spawn which must be killed to revive the fallen player. The Void Angel will become stronger with each subsequent death.
- [Last Gasp](#)'s drain begins **2** seconds earlier with each use.
  - The Transference Distortion Personal Modifier completely disables [Last Gasp](#).
- Bleedout timer reduces with each revive, down to a minimum of **5** seconds.
- A player that is dead for longer than **3** minutes will receive a **Mortis Strike**. Acquiring **3** strikes will **remove eligibility for rewards**.
  - All rewards earned before acquiring the 3 strikes are kept.
  - Strike timer is cumulative and does **not** reset on revive.

- **Restricted Consumables**

[Team Bonus Consumables](#) have a **3** minute cooldown.



## Elite Archimedeas

*Adds an additional Risk Variable to each Mission while increasing enemy level. This yields more Research Points per mission, putting the highest Reward Pools within reach.*



—In-Game Description

For the truly courageous Tenno, **Elite Archimedeas** is a higher difficulty mode of Deep Archimedeas, increasing **enemy levels to 375 - 400** and applying **two** Risk Variables. Completing an Elite Archimedeas grants an additional **10 Research Points** for even more rewards.

Elite Archimedeas is permanently unlocked by completing a Deep Archimedeas with 25 Research Points, requiring all points from Loadout and Personal Modifiers.

## Rewards

The primary rewards of Deep Archimedeas consists of

[Archon Shards](#) ( [Crimson](#) ( [Tauforged](#)), [Amber](#) ( [Tauforged](#)), or [Azure](#) ( [Tauforged](#))), Legendary Melee [Arcane Enhancement](#) ( [Melee Crescendo](#) or [Melee Duplicate](#)), or [Melee Arcane Adapter](#). Completion of the third mission awards **15,000** [Cavia Standing](#).



Rewards are divided into tiers that are earned by applying Research Points:

- Clear: 3 Points after clearing all missions
- Individual Parameter: 1 Point per mission, 24 total for clearing all missions with all parameters enabled
- Elite Archimedeas: 10 Points after clearing all missions, stacking with the base clear points for 13 total

Research Points do **not** stack across attempts; rewards are earned based on the singular attempt at hand, **not** the sum of attempts over the week. In order to maximize gains, players must satisfy **all** Individual Parameters conditions before starting the mission. Each reward can only be earned **once** per week.



- 10 Points: Silver Reward Pool (A)
- 15 Points: [Entrati Lanthorn](#) x 3
- 20 Points: Gold Reward Pool (B)
- 25 Points: Permanent Elite Archimedeia Unlock
- 28 Points (Elite): [Vosfor](#) x 20
- 31 Points (Elite): Gold Reward Pool (B)
- 34 Points (Elite): Diamond Reward Pool (C)
- 37 Points (Elite): [Vosfor](#) x 50
  - Also rewards an inbox message containing the [Archimedean Eye Sumdali](#)

Reward tiers are immediately given upon qualifying. For example, clearing the first mission with all parameters enabled (8 Points) awards the 5 Point tier, and clearing the second mission after (16 Points) awards the 10 Point and 15 Point tiers.

A		B	
<a href="#">Amber Archon Shard</a>	17.5%	<a href="#">Melee Crescendo</a>	15
<a href="#">Azure Archon Shard</a>	17.5%	<a href="#">Melee Duplicate</a>	15
<a href="#">Crimson Archon Shard</a>	17.5%	<a href="#">Amber Archon Shard</a>	13
<a href="#">Melee Arcane Adapter</a>	15%	<a href="#">Azure Archon Shard</a>	13
<a href="#">Melee Crescendo</a>	10%	<a href="#">Crimson Archon Shard</a>	13
<a href="#">Melee Duplicate</a>	10%	<a href="#">Tauforged Amber Archon Shard</a>	8.
<a href="#">Tauforged Amber Archon Shard</a>	4.17%	<a href="#">Tauforged Azure Archon Shard</a>	8.
<a href="#">Tauforged Azure Archon Shard</a>	4.17%	<a href="#">Tauforged Crimson Archon Shard</a>	8.
<a href="#">Tauforged Crimson Archon Shard</a>	4.17%	<a href="#">Melee Arcane Adapter</a>	5%



- [Sanctum Anatomica](#), [Deimos](#); Must complete [Whispers in the Walls](#) quest and being Rank 5: Illuminate with the [Cavia](#).

*Drop tables outdated? Readers can update [Module:DropTables/data](#) and cross reference with official drop tables on <https://www.warframe.com/droptables>.*

## Notes

- In [Survival](#) and [Mirror Defense](#), special terminals can spawn Rogue Necramech Eximus which when defeated lowers the mission timer by 45 seconds.
- [Stalker](#) cannot spawn in Deep Archimedeia. Likewise, [Stalker Beacons](#) cannot be used.

## Tips

- The [Murmur](#) are vulnerable to [Electricity](#) and [Radiation](#) damage but resist [Viral](#) damage.
- Survivability is just as important as in [Arbitrations](#), [Archon Hunts](#), and [Netracells](#). A fallen player can be revived in bleedout, but not once they have "fully" died.
  - Consider bringing the following Warframes:
    - **Healer** ( [Trinity](#), [Oberon](#), [Wisp](#), [Garuda](#), [Nekros](#), [Harrow](#), [Khora](#), [Hildryn](#), [Styanax](#), [Dante](#), or [Vazarin](#) )
    - **High survivability** ( [Rhino](#), [Nezha](#), [Inaros](#), [Chroma](#), [Gara](#), [Nyx](#), [Revenant](#), [Valkyr](#), [Citrine](#), or [Gauss](#) )
    - **Specialized crowd controllers** ( [Saryn's](#) [Spores](#), [Sevagoth's](#) [Gloom](#) ([Helminth](#) subsumable), [Titania's](#) [Lantern](#), [Mag's](#) [Pull](#) and [Targeted Magnetize](#), or [Vauban's](#) [Vortex](#) )
- Equip survival mods ( [Adaptation](#), [Quick Thinking](#), and/or [Rolling Guard](#) ).
- Avoid straying too far from the squad to ensure they can reach a player in bleed-out in time.
  - Vazarin's [Mending Soul](#) is especially helpful at ensuring an ally gets up as quickly as possible and not miss the rewards by dying.
- Weapon offerings can vary from week to week, thus making damage consistency tricky for even the most seasoned veterans. Warframes which have powerful





weapon available. Warframes such as such as [Mesa](#), [Baruuk](#), [Valkyr](#), [Jade](#), and [Sevagoth](#) are a few such examples.

- Unlike Archon Hunts and Netracells, Deep Archimedeia does not restrict the use of [Specters](#).

## Patch History

### Hotfix 36.1.6 (2024-09-05)

- Fixed Abbreviated Abilities' description in the Deep Archimedeia screen stating 75% duration reduction instead of the updated 50% (this was changed in the Jade Shadows update).

### Update 36.0 (2024-06-18)

#### Deep Archimedeia Changes & Fixes

- As mentioned in Devstream #179, Deep Archimedeia and Netracells now award

Missions				[Collapse]
PvE	Star Chart	Standard	Assassination • Capture • Exterminate (Abyssal Zone) • Hijack • Mobile Defense • Rescue • Sabotage (Assault, Orokin, Reactor, Sealab) + Hive • Spy	
		Endless	Alchemy • Defection • Disruption • Defense (Mirror) • Excavation • Infested Salvage • Interception • Survival (Conjunction) • Void Armageddon • Void Cascade • Void Flood	
		Free Roam	Bounty (Isolation Vault, Heist)	
		Arena	The Index • Rathuum	
		Special	Ascension • Granum Void • Junction • Netracells • Recovery • Sanctuary Onslaught	
		Archwing	Exterminate • Interception • Mobile Defense • Pursuit • Rush • Sabotage	
	Empyrean	Standard	Exterminate (Railjack) • Skirmish (Railjack) • Spy (Railjack) • Volatile (Railjack)	
		Endless	Defense (Railjack) • Orphix (Railjack) • Survival (Railjack)	
		Free Roam	Free Flight	

	Endless	The Circuit
PvP	Conclave	Cephalon Capture • Annihilation • Team Annihilation • Lunaro
	Other	Frame Fighter • Duel
Arbitrations • Archon Hunt • Break Narmer • Crossfire • Dark Sectors • Deep Archimedeia • Environmental Hazards • Invasions • Kuva Siphon • Lich (Kuva Lich • Sisters of Parvos) • Nightmare Mode • Nightwave • Sorties • The Steel Path • Void Fissures		

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