Thunder Energies Corporation (TNRG)

A Start-Up Scientific Company

Dr. W. George Gaines

President & Chief Operating Officer

Executive Summary

Thunder Energies Corporation (TNRG) transforms serious science into innovative and marketable products for optical, nuclear, and combustion technologies, starting with a telescope having a uniquely designed concave lens that can detect anti-matter galaxies, anti-matter asteroids, anti-matter cosmic rays, and other entities. The Santilli Telescope has been tested, validated, and published in scientific journals. The market for this telescope includes mostly serious amateur astronomers and, to a lesser extent, casual amateur astronomers. Projected sales for the Santilli Telescope are about $13 million over the next three years. Additional sales during this period will come from Nuclear Division (*thermal nuclear source™* that can detect fissionable material being smuggled into the US) and Combustion Division (*Hyper-Furnace*™ that burns totally clean and with greater power than other furnaces). Investment needs are for $5 million during the first three years for the Company to maximally grow and operate cash flow positive. All products of the three Divisions have trademarks and international patents pending.

Our Purpose

Thunder Energies Corporation
transforms serious science
into market-ready tools:

Tomorrow's Technology Today

TNRG Business Capsule

Nuclear	• a *Thermal Neutron Source* ™ that detects shielded nuclear material hidden in shipping containers (trademark and patents pending)
Combustion	• a *Hyper-Furnace*™ that burns totally clean and produces more power than other furnaces (trademark and patents pending)
Optical	• The *Santilli Telescope* ™ brings back the thrill of discovery to serious amateur astronomers (trademark and patents pending)

TNRG Leadership

Dr. Ruggero M. Santilli

- TNRG Chief Scientist & CEO
- Founder of MagneGas (MNGA)
- Internationally honored scholar in physics, mathematics, chemistry
- Former faculty member Harvard, MIT, Boston University
- Supported by NASA, USAF, USDOE grants
- Author of over 250 scientific articles, monographs

Dr. W. George Gaines

- TNRG President & COO
- Expert in marketing research, consumer insights, new product development
- Former faculty member University of New Orleans, Louisiana State University
- Worked for Southern Company, Gallup, Research International, Bloomin' Brands

Distinguished International Board of Scientific Advisors

What Separates TNRG from Other Startups?

Serious Science

Santilli's hadronic mathematics underlies our three distinct technologies	Santilli's lifetime of scientific advancement and industrial applications	Professional, fact-based understanding of market conditions

Nuclear Division

A machine that detects shielded nuclear material!

Santilli has discovered an industrial means for synthesizing neutrons from a Hydrogen gas. This discovery can be used to develop a device that protects us against nuclear smuggling.

Keeping Americans Safe from Domestic Nuclear Attacks

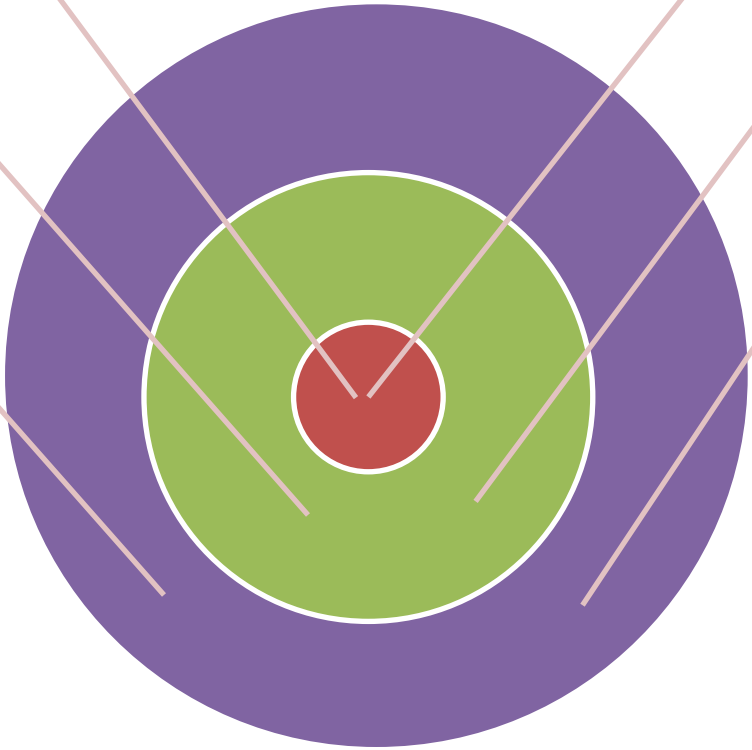
- Preventing terrorists from smuggling nuclear or radiological material to carry out an attack in the United States is a top national priority.
- Within the Department of Homeland Security (DHS), the Domestic Nuclear Detection Office (DNDO) is responsible for our capabilities to deter and detect terrorist nuclear attacks.

DNDO System Nomenclature
Levels of Sophistication

Heavily Shielded Cargo

Lightly Shielded Cargo

Unshielded Cargo



CAARS - Cargo Advanced Automated Radiography System

ASP - Advanced Spectroscopic Portal Monitors

RPM - Radiation Portal Monitors

Findings & Conclusions

- 28 GAO reports on DNDO, plus outside studies (National Academy of Sciences, American Physical Society); all were unfavorable.
- CAARS scrubbed in 2008; ASP dropped in 2011 both due to failure.
- We are no more secure today due to millions wasted than on 9/11.
- Santilli's Thermal Nuclear Source will succeed where others have failed.

Combustion Division

A clean-burning furnace with energy output many times that of a conventional furnace!

Santilli's *Hyper-Furnace™* causes complete combustion of fossil or other fuels without any combustible contaminants in the exhaust while boosting energy output.

Santilli Combustion Method

- Santilli has developed a new method for a maximally clean and efficient combustion of gaseous, liquid, or solid fossil, and other fuels such as natural gas, syngas, petroleum, coal, etc.
- Santilli combustion is based upon:
  1) Ignition via a patented special form of high voltage discharge
  2) Use of additives with high combustion temperature, such as Magnegas™ (patented, produced, and sold by Magnegas Corporation (MNGA), NASDAQ
  3) New chemical reaction known as "magnecular combustion."

Santilli Combustion (Cont.)

- These combined processes cause complete combustion of fossil or other fuels with lack of combustible contaminants in the exhaust (such as hydrocarbons or CO) and consequential enhancement of energy output.
- Santilli combustion is then completed with the removal of the green house gas CO^2 from the exhaust and other proprietary treatments.

Santilli Combustion (Cont.)

- The high voltage discharge in combustion causes the synthesis of Carbon-12 contained in fuels and atmospheric Oxygen-16 into Silica-28, with proven lack of emission of harmful radiations, lack of release of radioactive waste, and consequential increase of energy output.
- Santilli Combustion is truly a model of engineering efficiency.

Optical Division

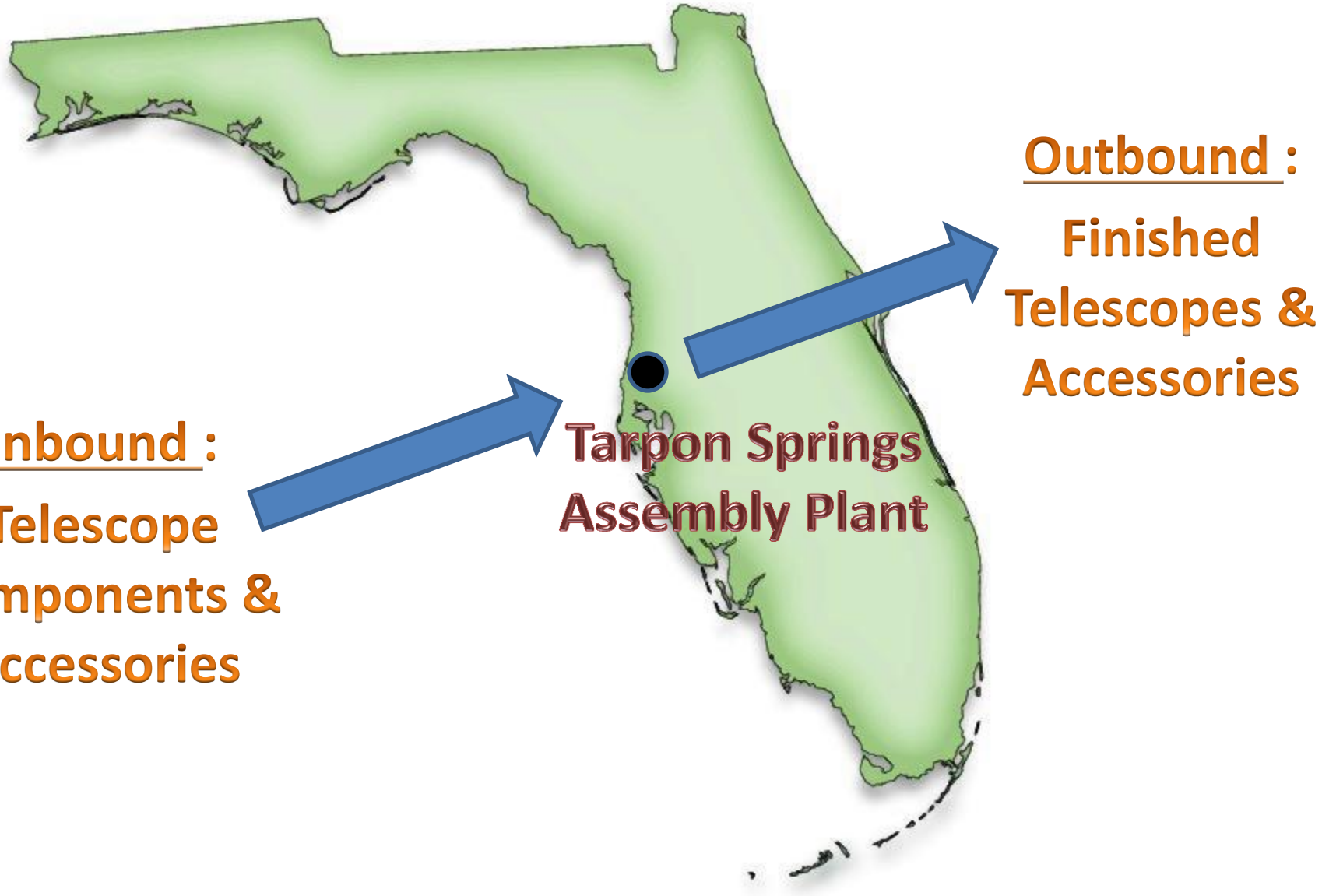
A telescope that enables you to see what no one has seen before!

The *Santilli Telescope*™ with concave lens, paired with a Galileo Telescope with convex lens, enables astronomers to detect and photograph anti-matter galaxies, anti-matter asteroids and anti-matter cosmic rays that cannot be detected by any telescope on earth or in space.

Our Business Plan Starts with the *Santilli Telescope*

- Of our three Programs, the *Santilli Telescope™* has various models already in production, sales in organization, and is ready to go market.
- Manufacturing of all components have been outsourced to suppliers, including the proprietary concave *Santilli Lens*™.
- Telescope sales will provide cash, promote the company and stimulate progress in the Nuclear and Combustion Divisions.

Our Telescope Operations Are Simple



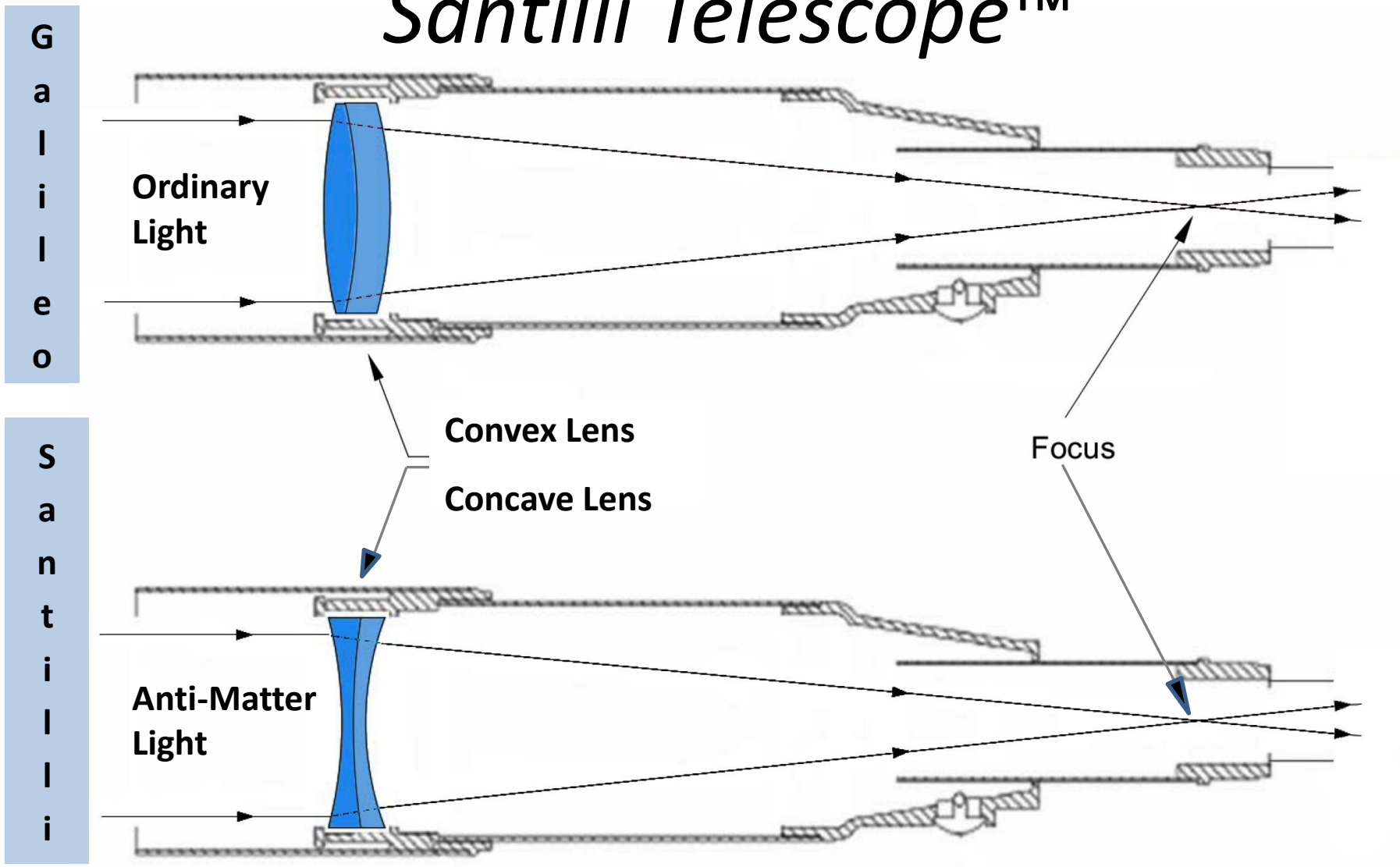
What's Missing for Astronomers?

- As a group, amateur astronomers are highly passionate about astronomy
- They invest considerable time and money to stellar exploration and astrophotography
- They are motivated by the chances of discovery and recognition, but realistically, their chances of making a discovery are remote
- Until the invention of the *Santilli Telescope*™!

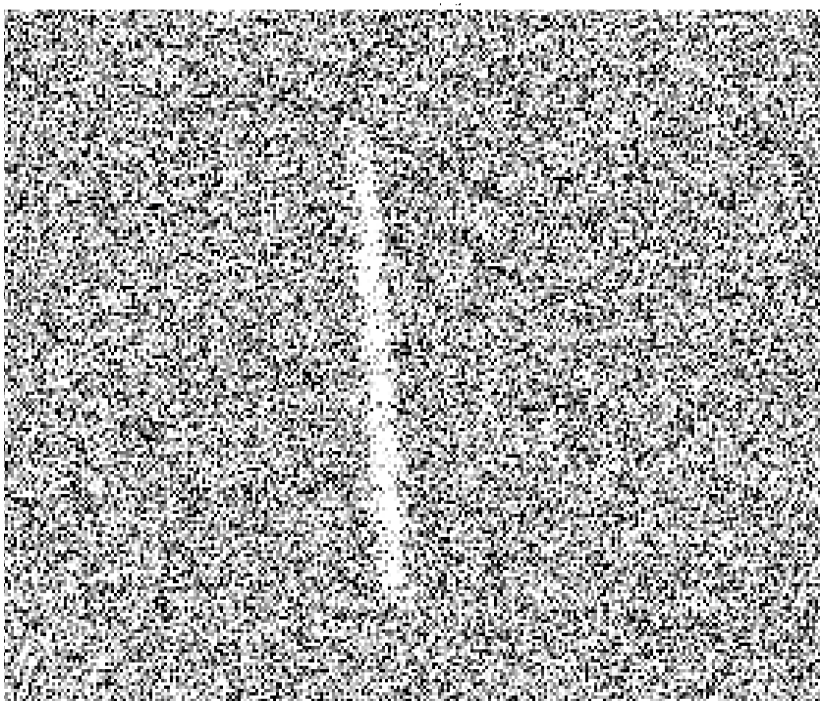
Santilli Telescope™
A Quick Science Lesson

- Properties of anti-matter are opposite those of ordinary matter.
- The human eye and conventional telescopes use *convex* lenses to focus ordinary light.
- The *Santilli Telescope*™ uses a special *concave* lens to focus anti-matter light. This unique design is protected by International Patent Pending.
- The *Santilli Telescope*™ is the only telescope to have detected anti-matter in deep space and be reported in refereed scientific journals.

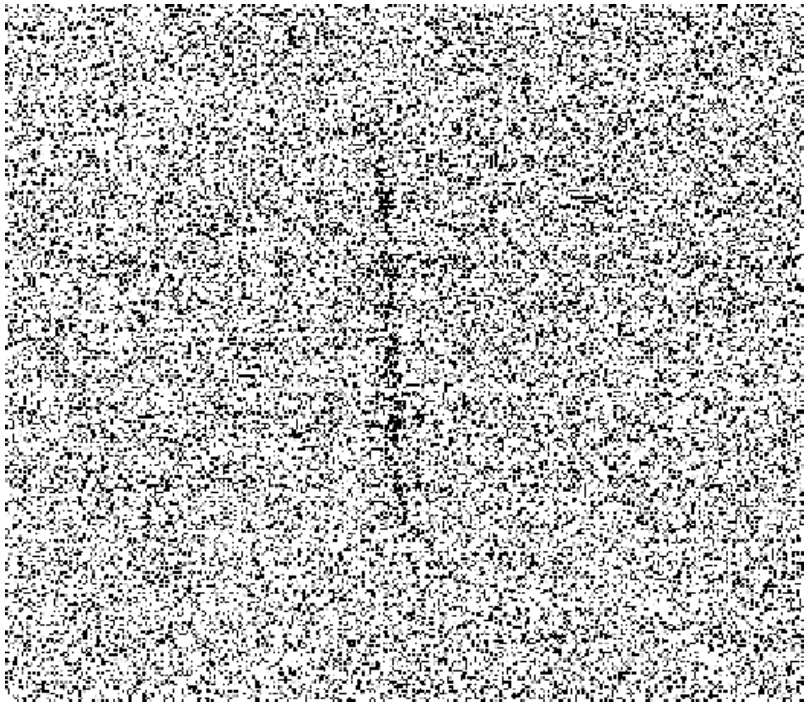
Comparison of Galileo Telescope and *Santilli Telescope*™



Astrophysical Evidence



Ordinary Matter Light (Visible)



Anti-Matter Light (Invisible)

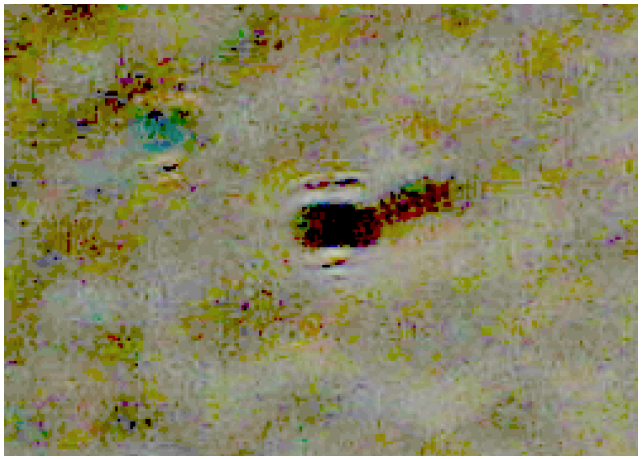
Simultaneously shot photos taken in the Vega region of the night sky showing 30-second exposure streaks due to matter light from the Galileo telescope (left) and anti-matter light from the *Santilli Telescope*™ (right).

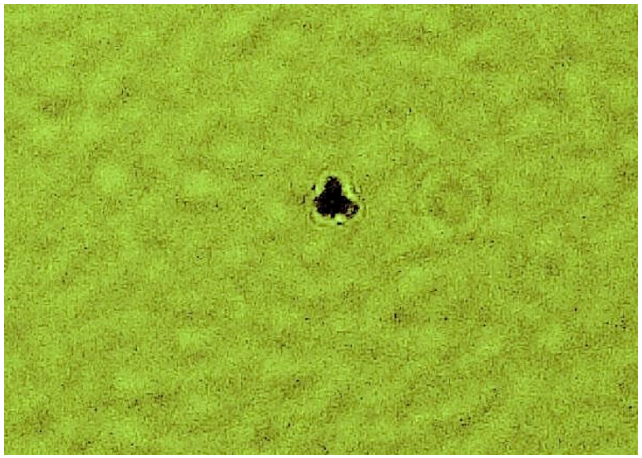
The Santilli Telescope Has Also Detected Invisible Sky Entities (*ISE's)*

Type:	*Invisible*	*Sky*	*Entities*
Type 1	Invisible to the human eye	Seen within Earth's terrestrial environment using *Santilli Telescope*™	Appear as dark objects
Type 2	Invisible to ordinary telescopes		Appear as highly luminous objects

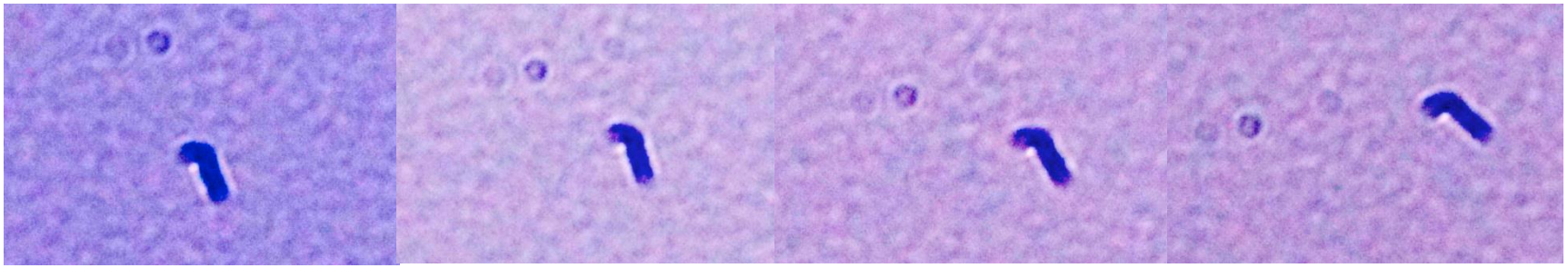
Santilli Telescope™

Invisible Sky Entities: Type 1





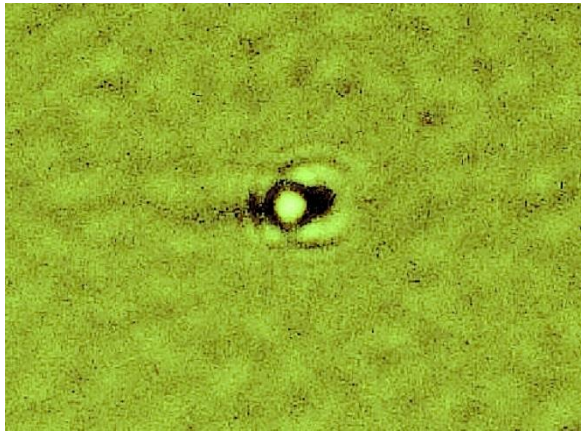
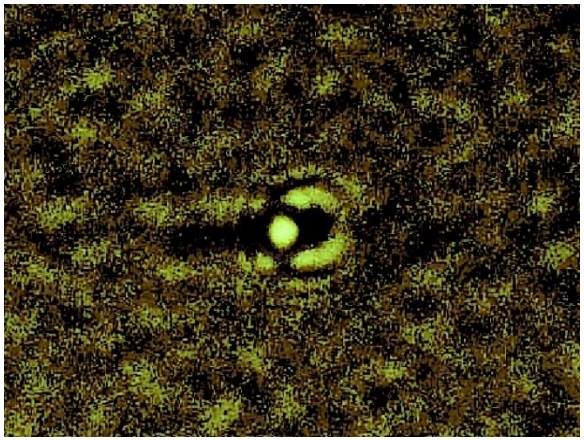
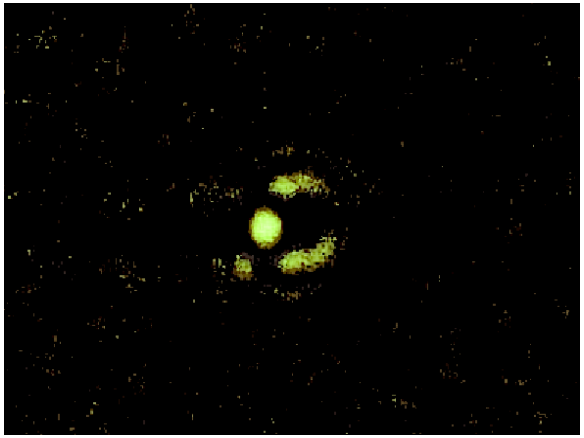
15 sec. exposures, Tampa 2015



K. Brinkman, "Santilli Refractor," Presented at St. Petersburg Astronomy Club, September 2015. (Burst shooting, indicating entity movement)

Santilli Telescope™

Invisible Sky Entities: Type 2

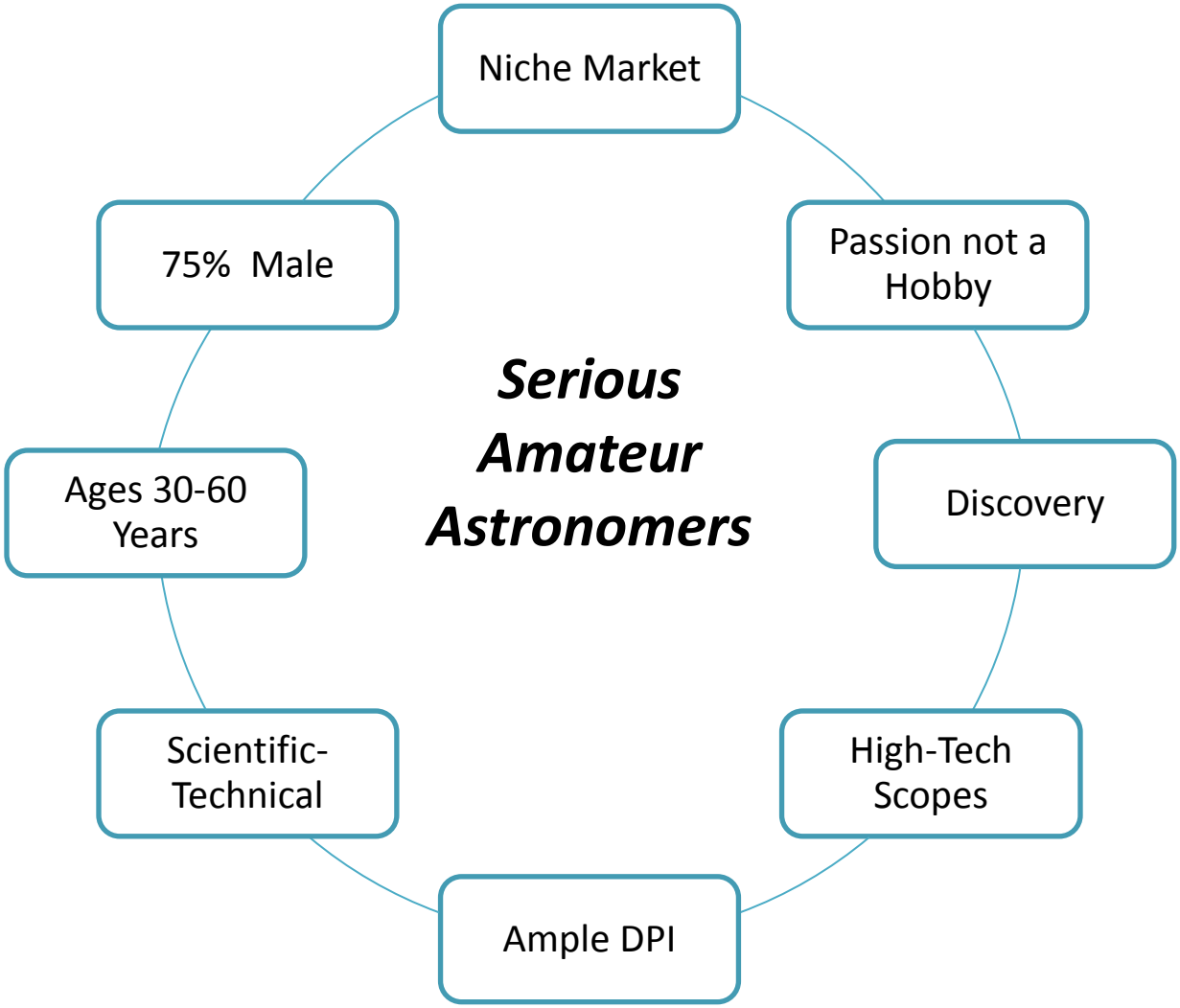




Same entity as seen through three different filters, 15-sec. exposure Summer 2015

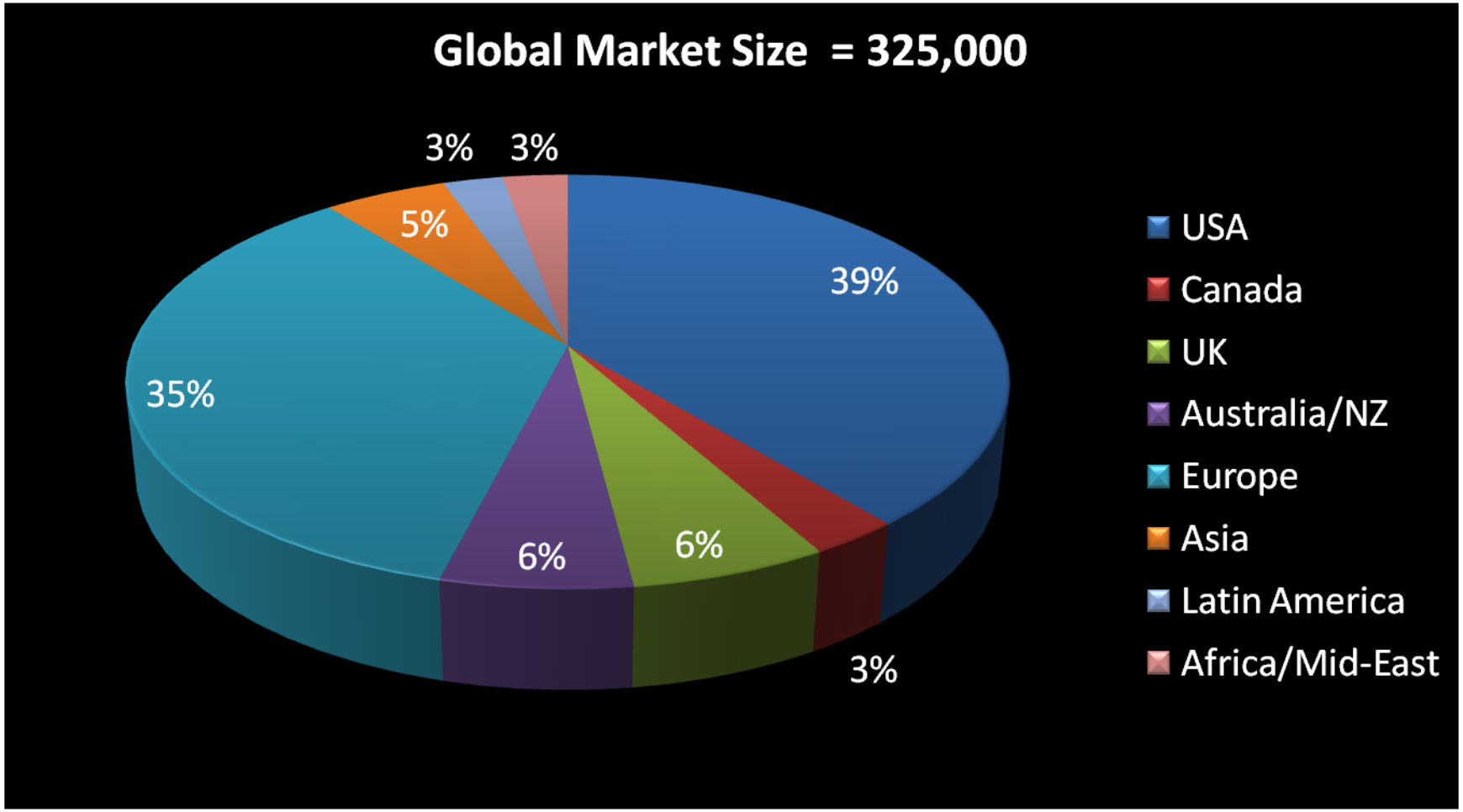


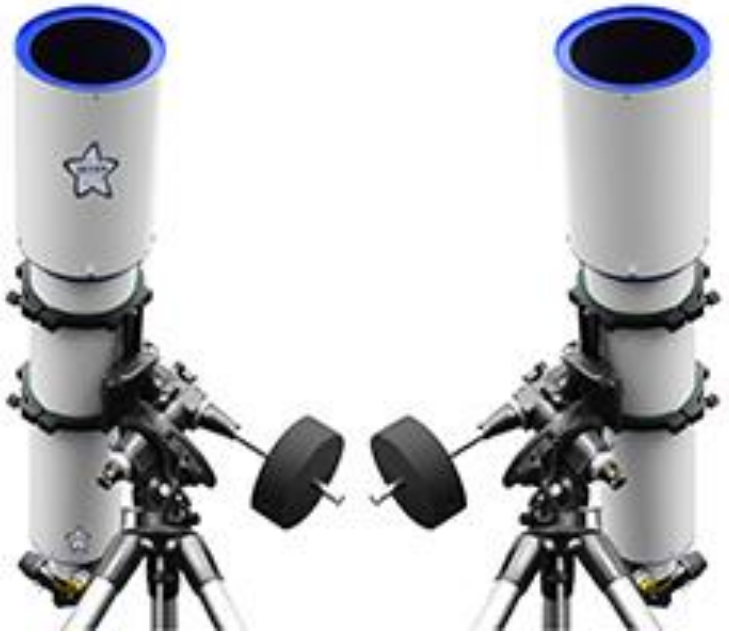
Two entities, 15-sec. exposure; close-ups of reddish entity, Summer 2015

Primary Market Characteristics



Distribution of Serious Astronomers



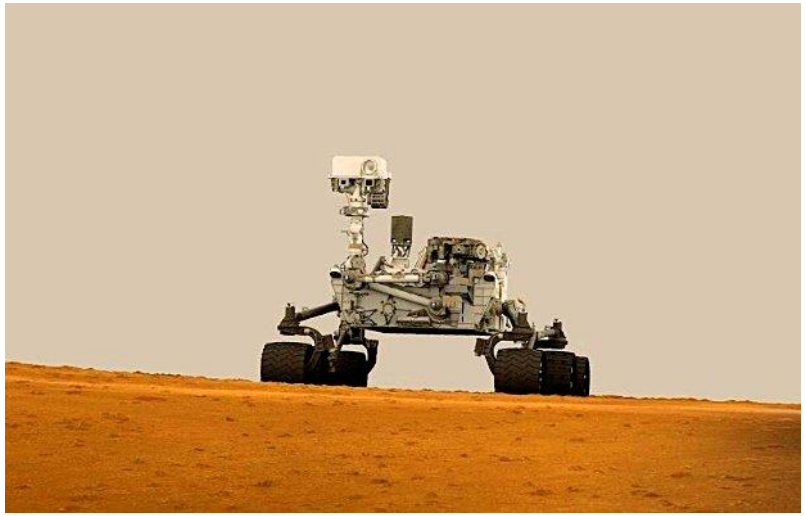


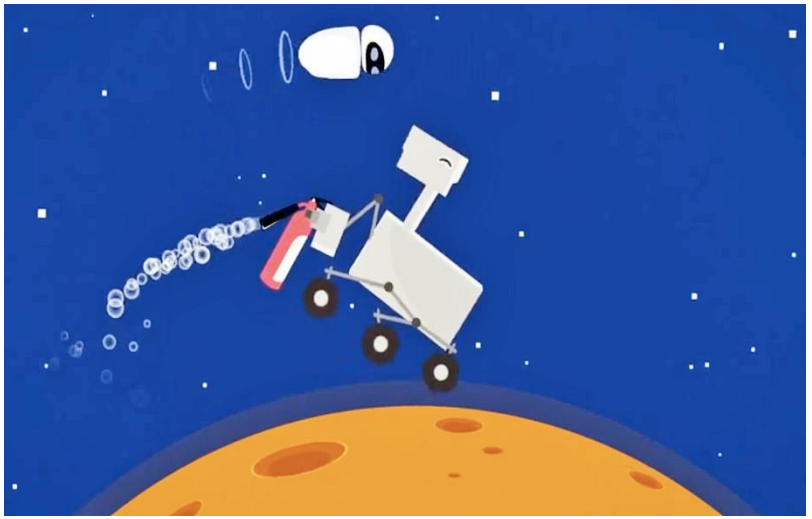
Telescopes for Serious Astronomers

L to R: 150mm and 200mm telescopes

Estimated initial price range $4,500 to $7,500 per pair

Secondary Market:
Casual Astronomers (about 3 million)





Casual and entry level astronomers are highly curious

mostly about our terrestrial environment & ISE's

but not willing or able to stretch their budgets for more expensive equipment

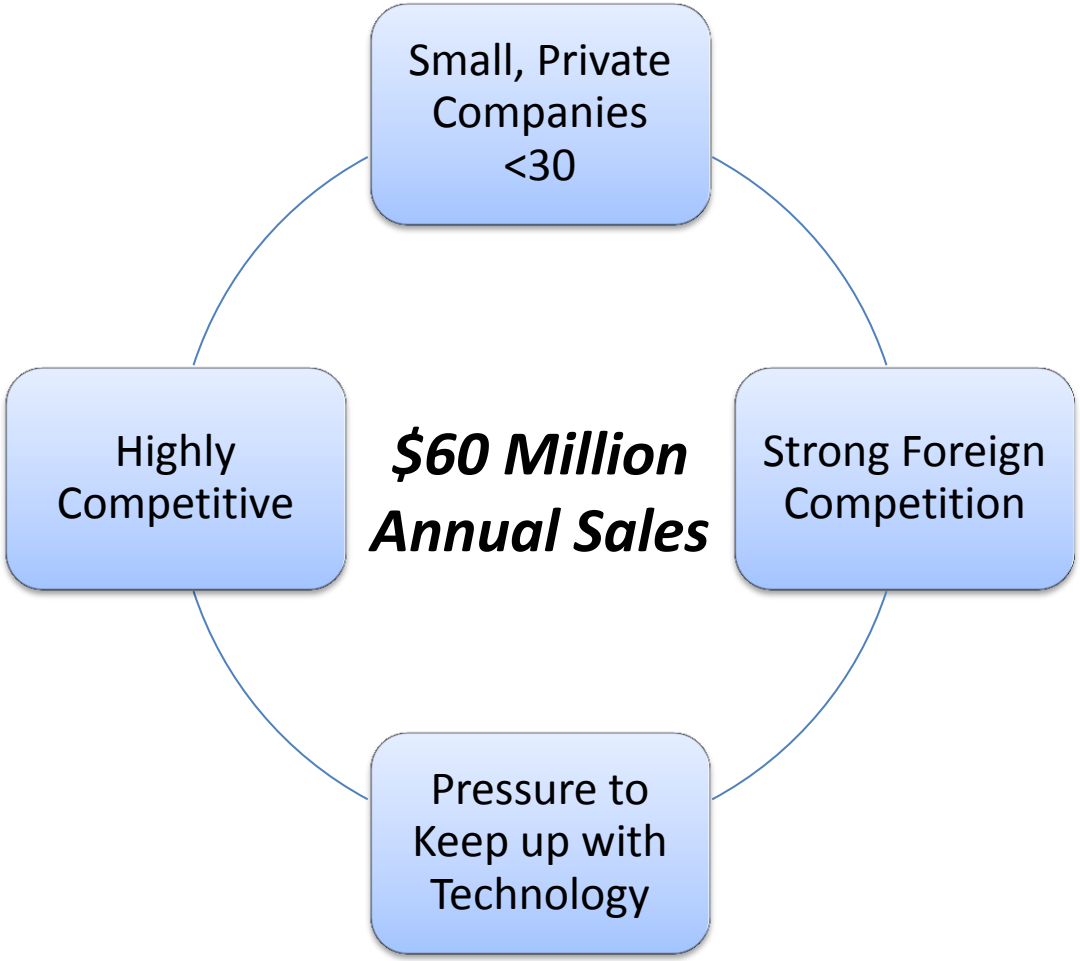
Telescopes for Casual Astronomers

L to R: 50mm, 70mm, and 100mm telescopes
Estimated initial price range $1,000 - $3,000 per pair

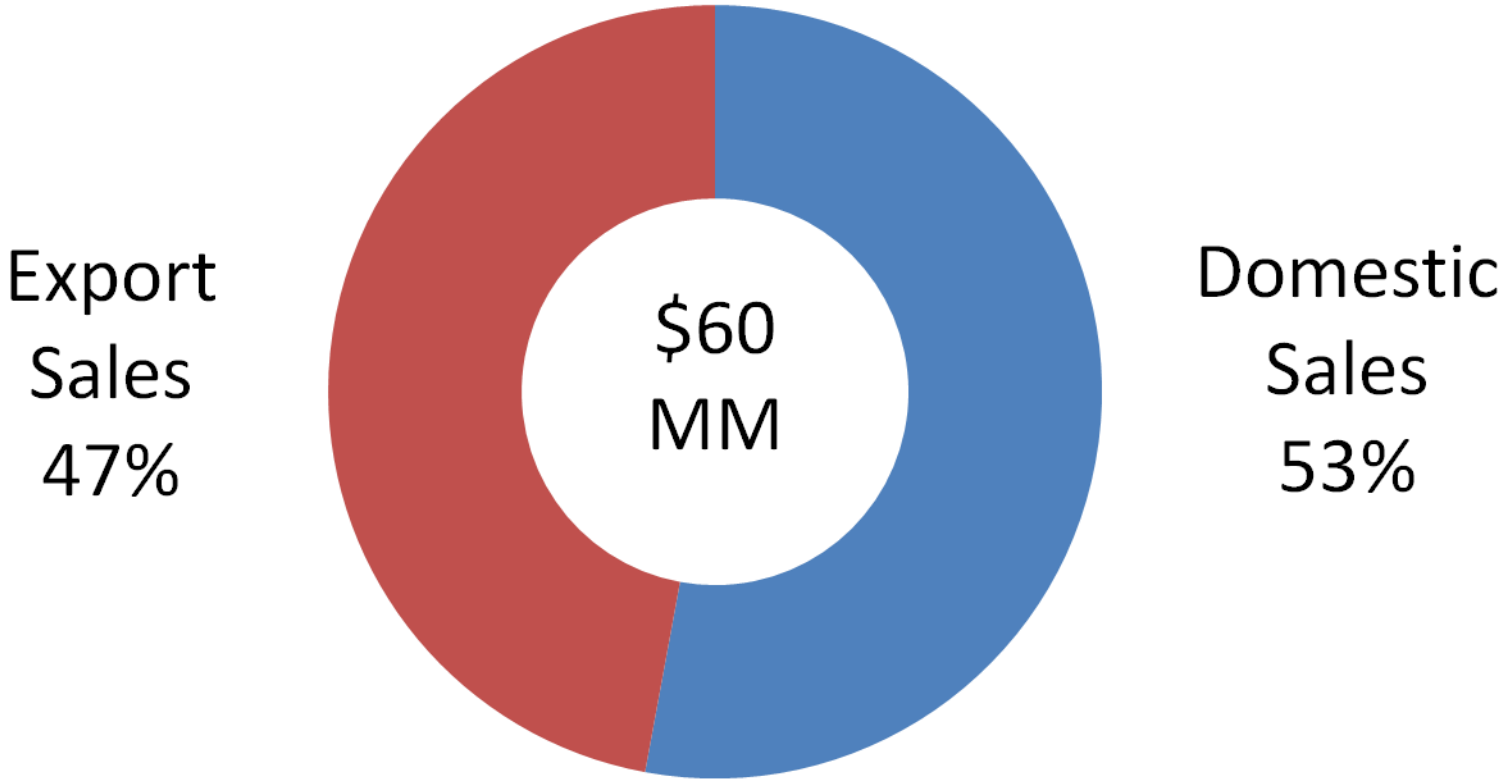
Marketing Plan

Major Distribution Channels	• Major telescope dealers • Internet & storefront
Global Direct Marketing	• To over 2,500 astronomy clubs & societies
Demonstrations & Presentations	• Trade shows • Conferences
Advertising	• Five leading astronomy magazines • Website, Internet

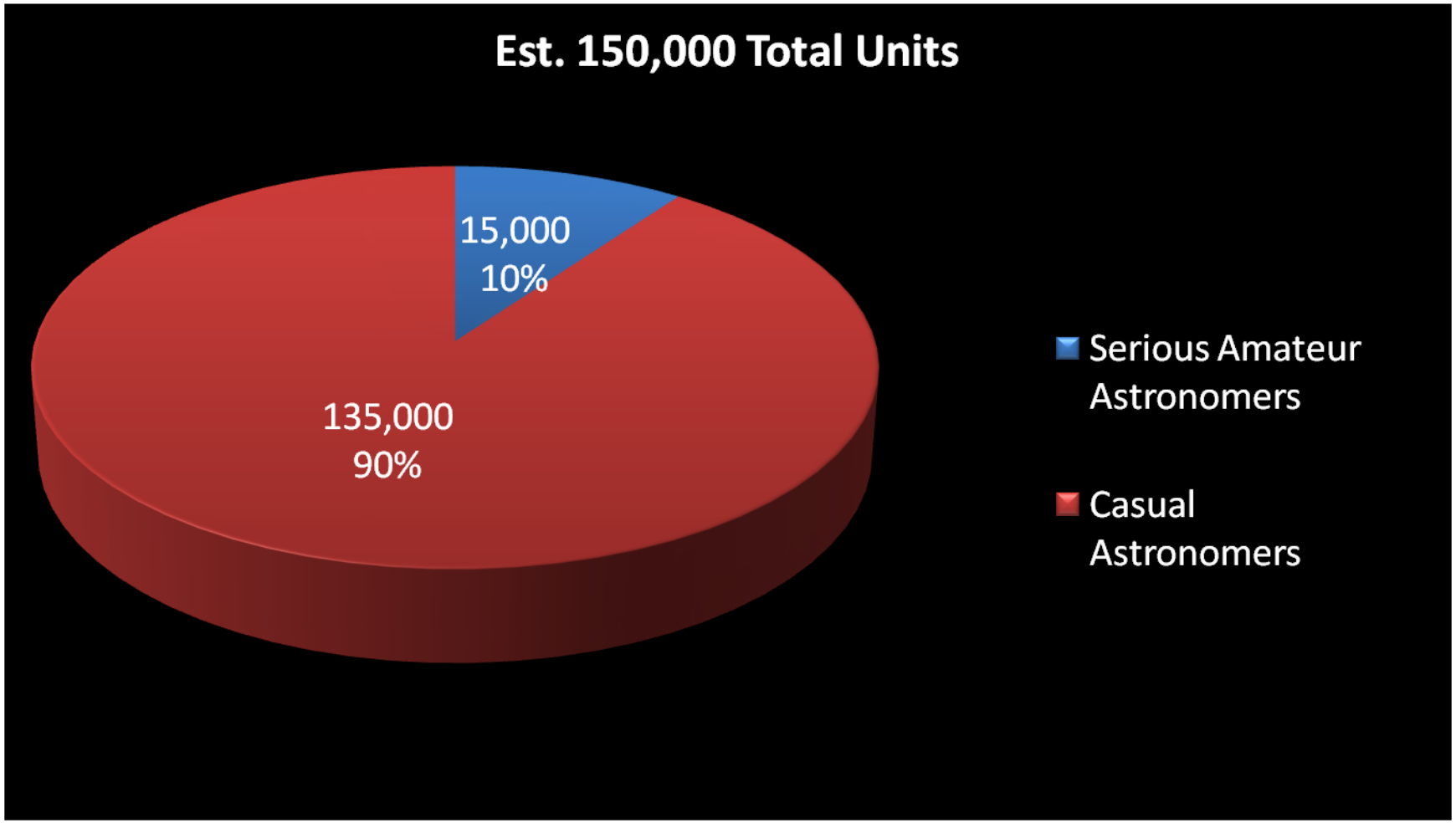
USA Telescope Industry



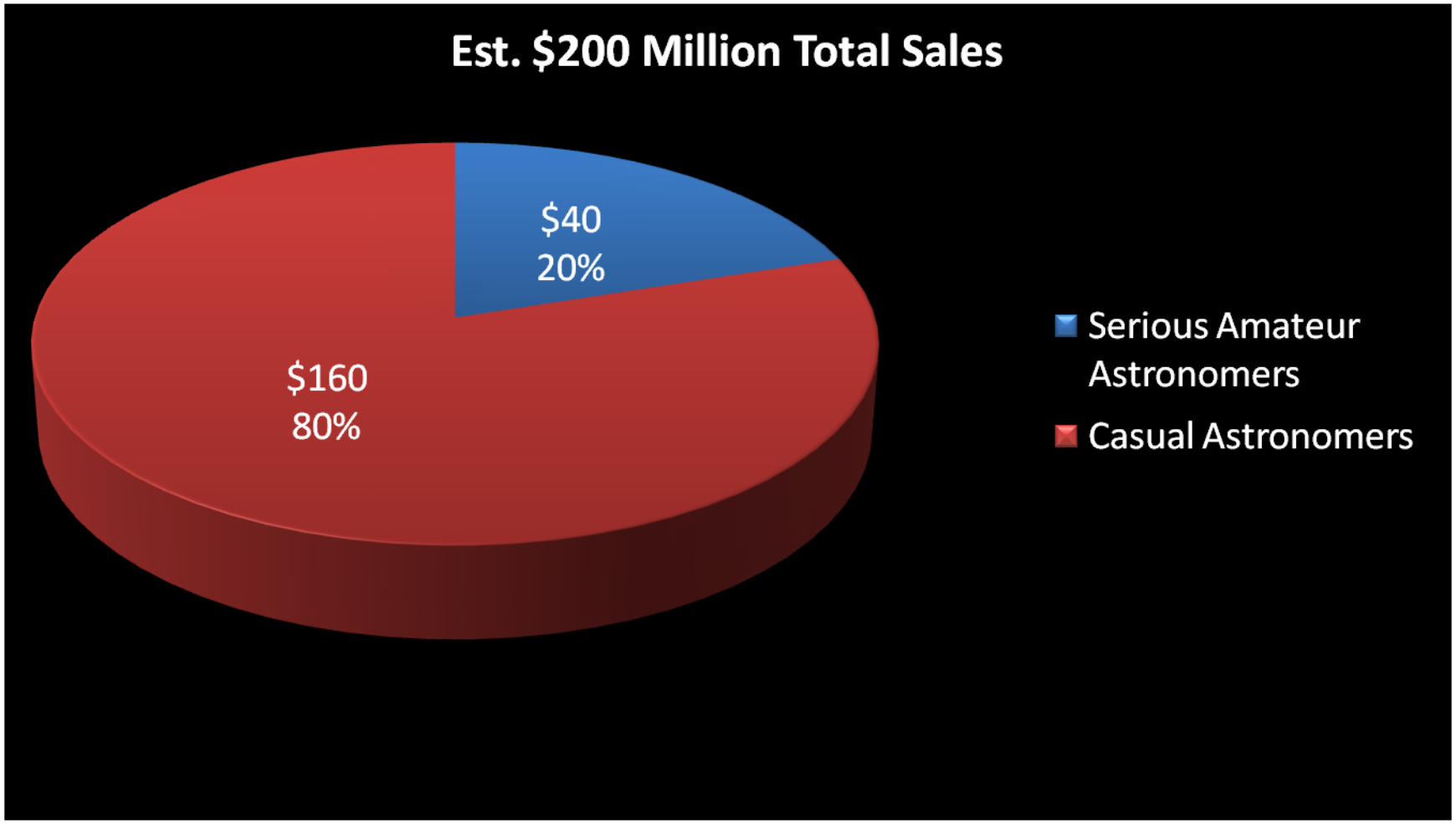
Telescope Industry Exports vs. Imports



Projected Telescope Industry Units by Segment, 2016-2018

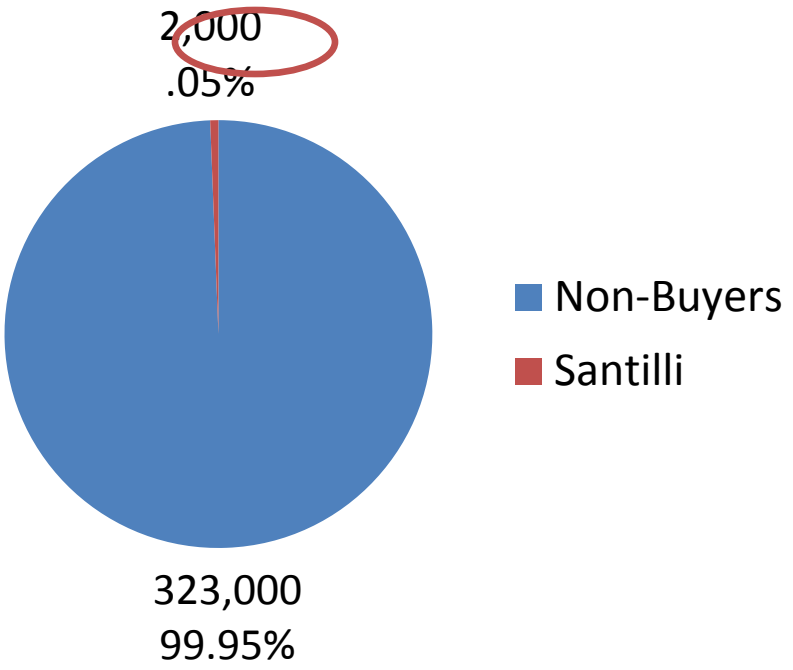


Projected Telescope Industry Sales by Segment, 2016-2018

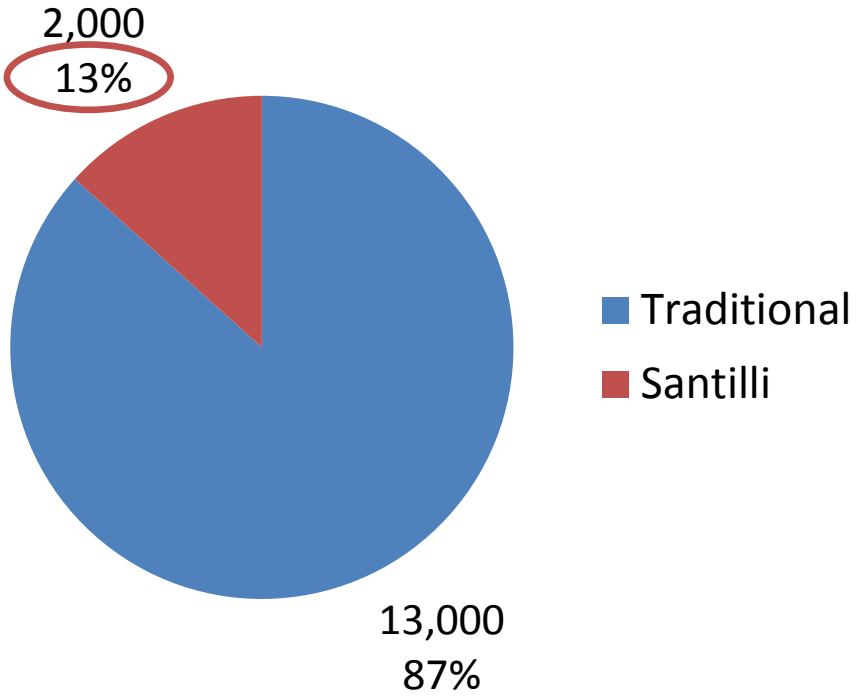


Projected TNRG Market Shares, Serious Astronomers, 2016 - 2018

Serious Astronomers = 325,000*



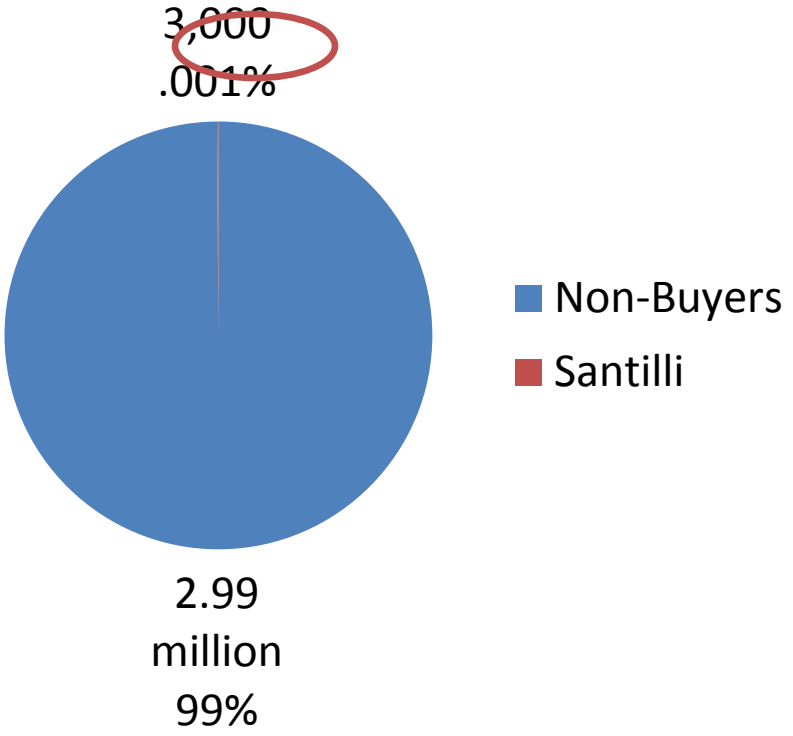
Projected Units to be Sold = 15,000



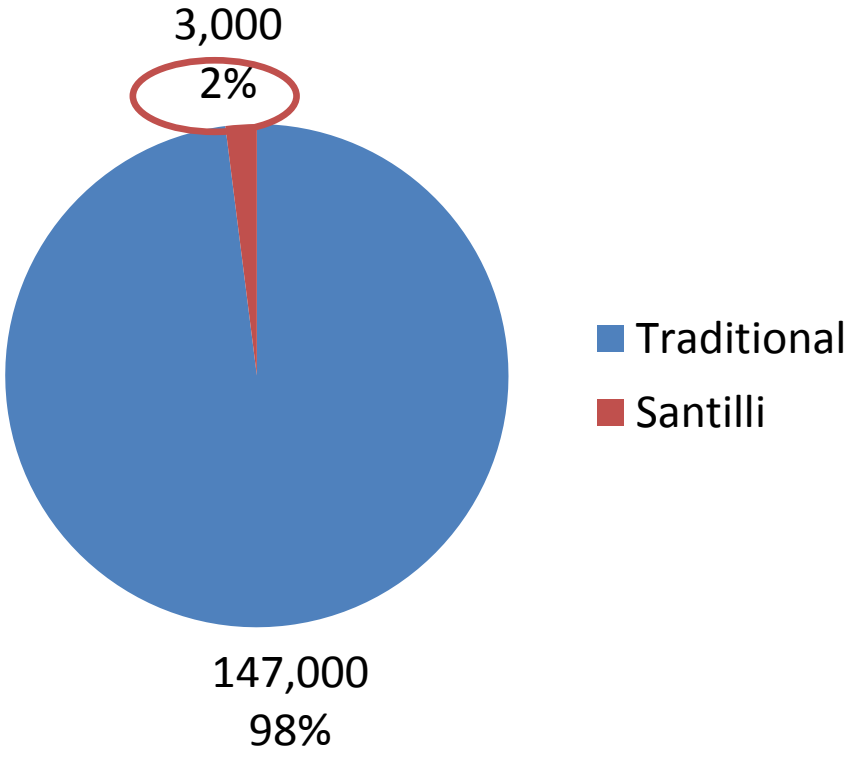
*Less than 1% share of serious astronomers over 3-year period

Projected TNRG Market Shares, Casual Astronomers, 2016 - 2018

Casual Astronomers = 3 million*

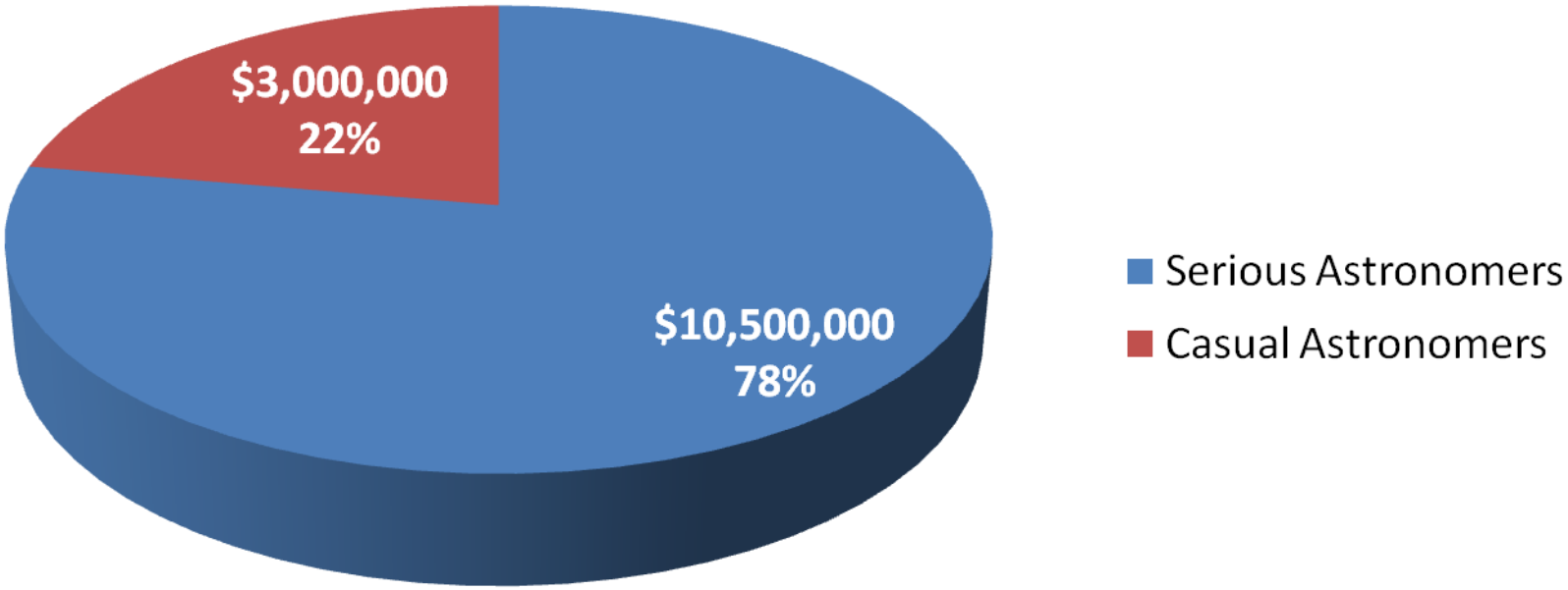


Projected Units to be Sold = 150,000*



Projected TNRG Sales by Segment 2016 - 2018

Avg. Sale = $1,000

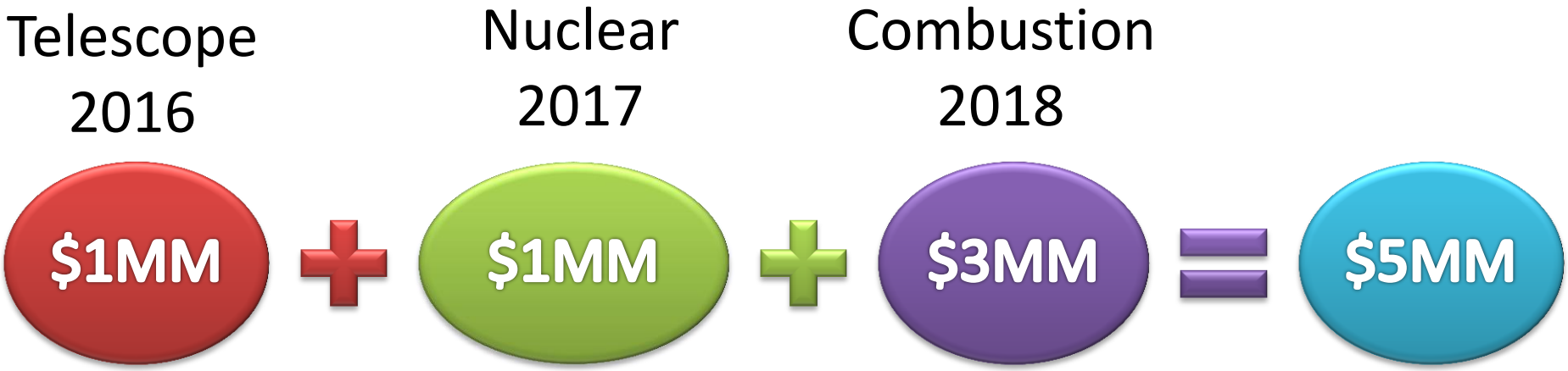


Avg. Sale = $5,250

Advance More Quickly with Investment

- TNRG traded OTC, 100% self-funded, no external debt, very lean operation with 7 employees
- We need additional investment to:
  - Boost telescope sales
  - Bring to market our innovative Nuclear and Combustion technologies
    - Hire support engineering staff
    - Build pre-production models

$5 MM Capital Investment Needed over 3-Year Period



Cash Budget ($000) 2016-18
With $5 million Investment

ITEM	Q1 -Q2 2016	Q3-Q4 2016	Q1-Q2 2017	Q3-Q4 2017	Q1-Q2 2018	Q3-Q4 2018
Sources of Cash						
Investment	1,000		1,000		3,000	
DOE sales		750	1,000	2,500	4,500	5,000
DNE sales			600	1,200	1,200	1,200
DCE sales						175
Total cash avail.	$1,000	$750	$2,600	$3,700	$8,700	$6,375
Uses of Cash						
DOE costs	$375	$500	$1,250	$2,250	$2,500	$2,500
DNE costs			$300	$600	$600	$600
DCE costs					$2,000	$4,000
Admin.	225	250	750	850	1500	1650
Total uses of cash	$600	$750	$2,300	$3,700	$6,600	$8,750
Cumulative Cash	$400	$400	$700	$700	$2,800	$425

Thunder Energies Milestones

- ☑ 40-plus years of scientific study & investment
- ☑ Formal studies that guide long-range marketing
- ☑ Past 6 months, 30-plus articles published on the *Santilli Telescope*, and more coming
- ☑ Social media presence (Facebook, Twitter, Google+)
- ☑ Telescope production models--tested and validated (Findings reported in multiple scientific forums)
- ☑ Supply chain in place—suppliers that produce *Santilli Telescope* components in a cost-effective and timely manner

Thunder Energies Milestones

- ☑ Distribution agreement being negotiated with prestigious international telescope dealers
- ☑ Begun email and Facebook campaigns reaching out to 2,500 worldwide astronomy clubs
- ☑ Scheduled to begin telescope sales Q2 2016
- ☑ Nuclear Division to apply for USDHS/ Domestic Nuclear Detection Office Contract Q2 2016
- ☑ Combustion Division to develop pre-production Hyper-Furnace, pending funding

Thunder Energies Fact Sheet

- History: The Company was incorporated in the State of Florida on April 21, 2011 under the name CCJ Acquisition Corp. On July 29, 2013, the Company changed its name to Thunder Energies Corporation.
- Major stockholders: Stock is 76.84% beneficially owned
- SEC compliance: The Company filed a Form 10 Registration Statement with SEC on July 7, 2011. The Form 10 Registration Statement became effective on September 6, 2011. All required filings under Sections 13 or 15(d) of the Securities Exchange Act of 1934 have been made.

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