



# NAVWAR

## Small Business Innovation Research (SBIR) Update



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Presented to: NDIA 2023 Fall Forum

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# Agenda

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- ▼ Overview of SBIR
- ▼ SBIR Injection Points
- ▼ Active and Future SBIR Solicitations
- ▼ Advice
- ▼ Resources



# Overview of SBIR/STTR

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## ▼ SBIR/STTR:

- Is a **competitive** three-phase program
- Funds **small businesses** to develop **innovative** products that address government needs and can be **commercialized** outside the targeted, acquisition program.

## ▼ Small businesses can also subcontract to a large business.

## ▼ SBIR is a three-phased program:

- Phase I – Feasibility Study (up to \$140k in SBIR funding)
- Phase II – Prototype Development (up to \$1.5M in SBIR funding)
- Phase III – Transition (uses non-SBIR funding)



# SBIR/STTR Reauthorization

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## ▼ Changes include:

- Disclosures of Foreign Affiliations or Relationships to Foreign Countries
- Disclosures of Foreign Investments
- Release of Annual Open Topic



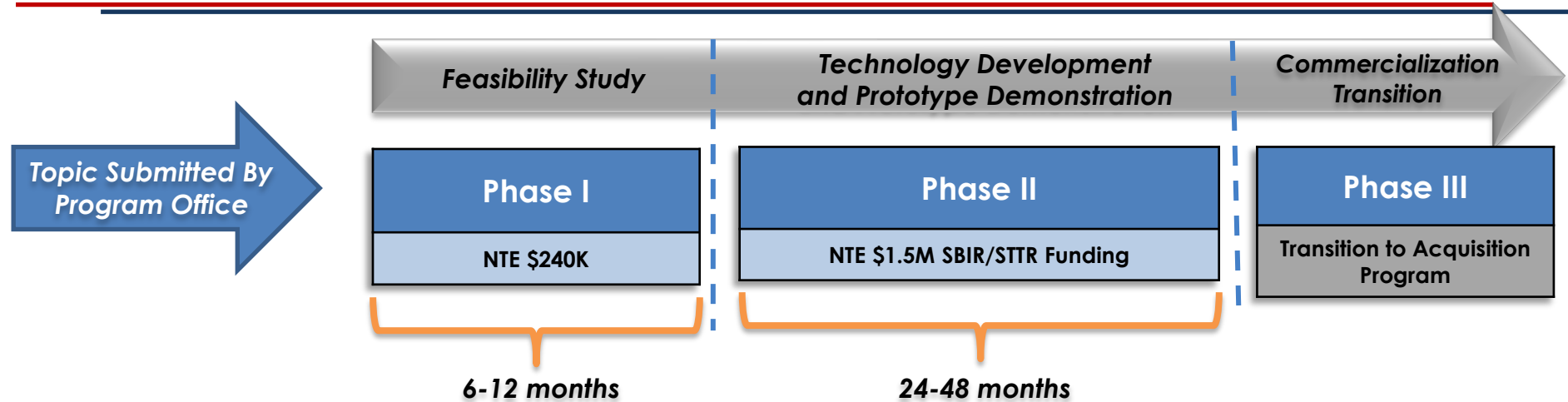
# SBIR/STTR Injection Points

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- ▼ There are multiple opportunities for a small business to participate in SBIR:
  - Standard (new Phase Is)
  - Direct-to-Phase-II
  - Reach-back Phase II
  - Open Topic (new Phase Is)



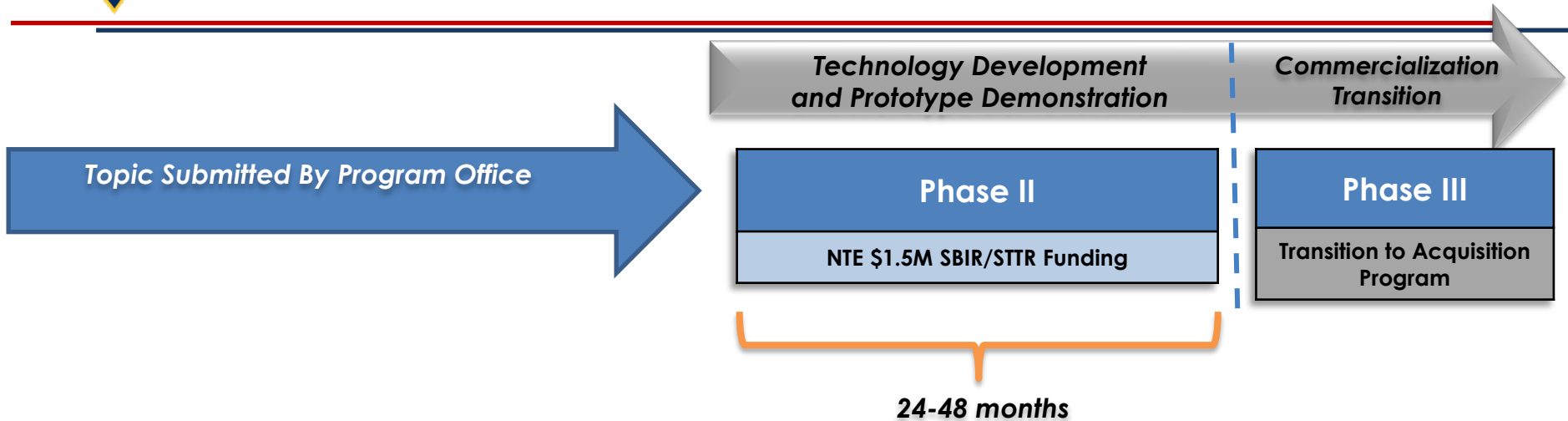
# Standard



- ▼ Proposals are evaluated by government **in 90 days**, and **~2-3** Phase I's awarded.
- ▼ **1** Phase I awardee is selected for Phase II.



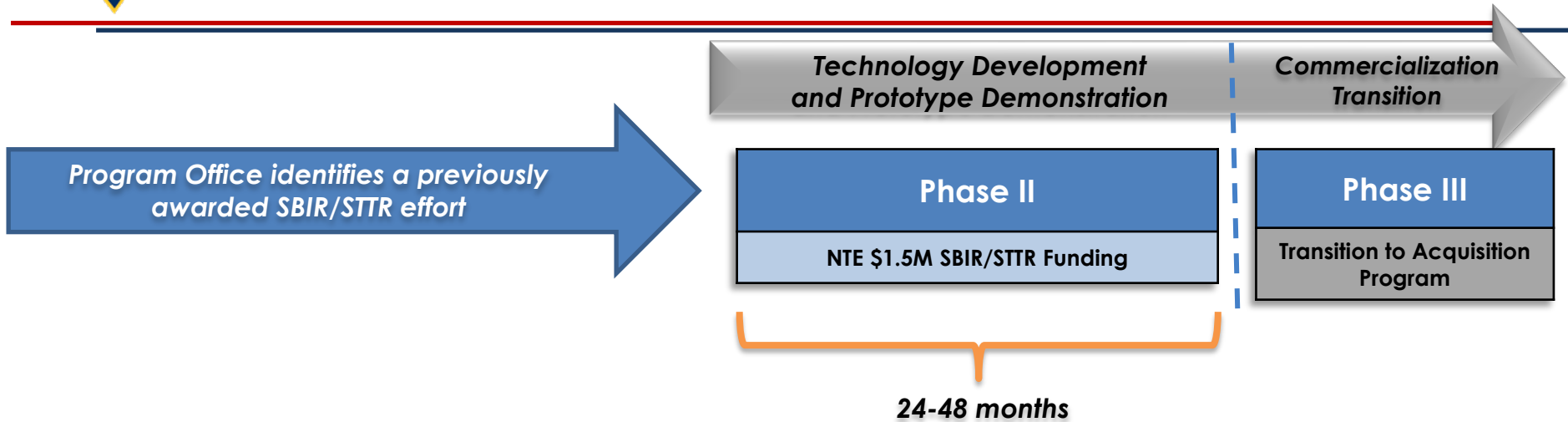
# Direct-to-Phase-II



- ▼ Process starts with a topic submitted by a program office.
  - Program office identified a capability gap and has their acquisition program of record (PoR) on board.
  - Prior work to the Phase II must be done using non-SBIR/STTR funding.
- ▼ Proposals are evaluated by government, and 1 Phase II is awarded.



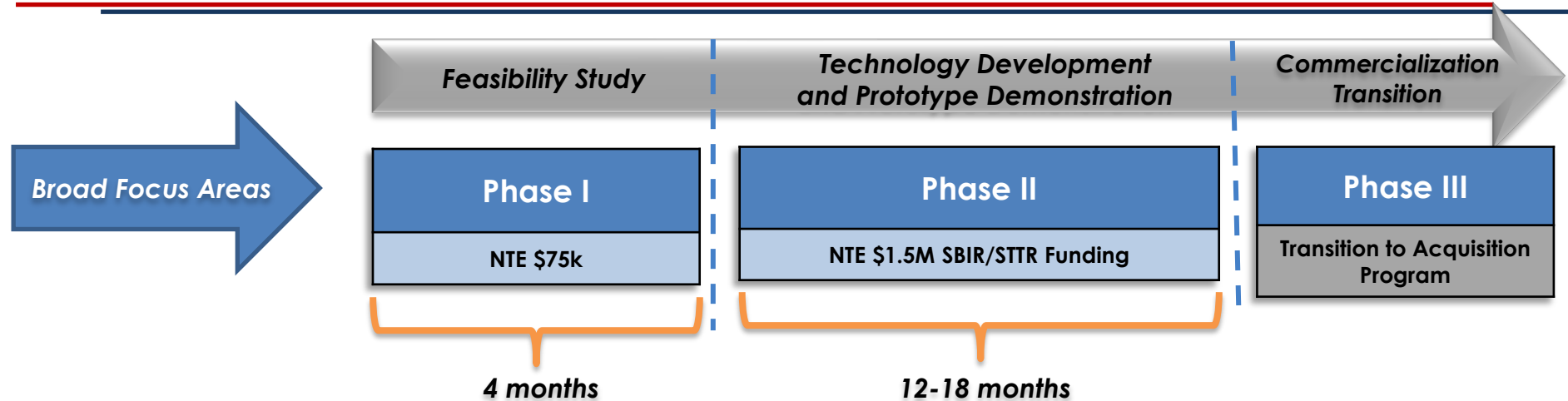
# Reach-back Phase II



- ▼ Proposal is evaluated by government, and 1 Phase II is awarded.



# Open Topic



- ▼ Proposals are evaluated by government **in 90 days**.
- ▼ Focus areas cover more than one program office and seek commercial solutions with MRL 8/9.
  - Phase I approach is to adapt commercial solution
  - Phase II approach is develop a functional prototype and transition plan (production and fielding).



# Active Solicitations

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- ▼ NAVWAR has two active SBIR topics for the 23.3 cycle, closing on 18 OCT 2023.

| Topic    | Title   |
|----------|---|
| N233-119 | Solid State Power Amplifier System for Very Low Frequency Communication   |
| N233-D10 | Time Division Duplex (TDD) Radio Frequency (RF) Beamforming Chip for Active Electronically Scanned Array (AESA) |



# Advice

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- ▼ Research topics consistent with your business strategy
- ▼ Submit proposals for problems you can solve
- ▼ Know your command and target platform/system for insertion
- ▼ Plan commercialization path early with government TPOCs



# Resources

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- ▼ Where to find SBIR/STTR solicitations?
  - <https://www.dodsbirsttr.mil/> or <https://navysbir.com/>
- ▼ Where to find information about NAVWAR's programs?
  - <https://navwarsbir.com>
- ▼ What is the contact info for the NAVWAR SBIR PMO?
  - [info@navwarsbir.com](mailto:info@navwarsbir.com)

**NAVWAR**



**Thank You!**

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