

FOREWORD

■ **Reporting of inventions by Postdocs**

- *Easy to do as long as innovation done jointly with JPL employees*
- *Address sole innovations by Postdocs*
- *Address reporting needs of affiliates*
- *Verified eligibility of postdocs to receive monetary awards via NTR*

■ **Role of Postdocs Office**

- *POC for reporting by postdocs sole inventors*
- *Provide NTR information on the Postdocs website and orientation*

New Technology Reporting for JPL Post-Docs

Chris Jagers, Ph.D.

Senior Technology Transfer Specialist,
Innovative Technology Assets Management Office

What is “New Technology”?

- **Invention**
 - *A new spectrometer, antenna, robotic arm.....*
- **Improvement to an invention**
 - *Making something better, faster, smaller.....*
- **New application of existing technology**
 - *Applying existing technology to a new problem*
- **Combination of existing technology**
 - *Combining two instruments to get new analytical capabilities*
- **Method**
 - *A new way of making a material*
- **Software**
 - *Flight software, data analysis software, improvements to existing software....*

What is a “New Technology Report”?

- Documentation of the creation of new technology, including software
- Filed electronically through the NBS System
- Used for:
 - Patent and copyright protection
 - Reporting to NASA
- Establishes date of inventorship
- Considered “legal document”
- Supporting files - attach

Who owns the “New Technology” Developed at JPL?

- Per Prime Contract:
 - Caltech has first rights to patents and copyrights developed at JPL
 - NASA has rights to technology that Caltech declines
 - If both Caltech and NASA decline.....
 - Innovator(s) may elect to secure rights
 - Requires obtaining a waiver from Caltech Office of General Counsel
- Government use license
- Contractors may have IP rights – specified in their contract with Caltech

When to File an NTR

➤ **DEFINITELY.....**

- **BEFORE DISCLOSING (papers, conferences, etc.)!**
- **BEFORE CONTRACTOR CLOSE-OUT!**

- *At time of conception*
- *Before submitting a proposal for funding (non-government)*
- *After funding is obtained (NASA)*
- *After initial developmental work*
- *After a prototype has been built and tested*
- *After improving existing technology*

Reasons to File NTRs

- Reporting to NASA per Prime Contract
- Caltech/NASA for patent filing decision
- Establishes inventorship
 - Competitive advantage
 - Strengthens proposals
- Clearances for papers and presentations (Document Review)
 - Papers, presentations and conference proceedings may be held up until an NTR is filed to cover the enabling technology
 - Public disclosures may compromise rights to file for a patent on the corresponding technology
- Royalties
 - Innovators share in 25% of licensing royalties (after patent costs) from technology licensed by Caltech
- NASA Space Act Awards Eligibility

Software Dissemination



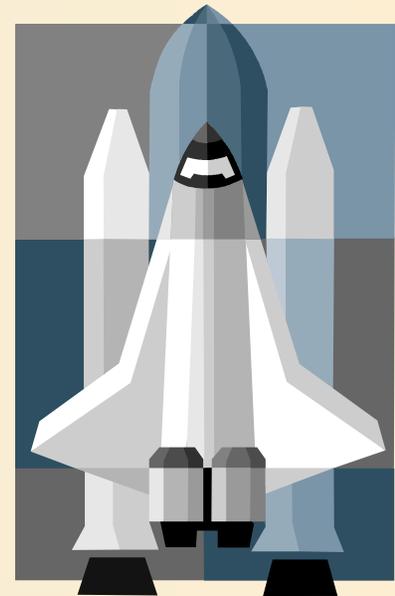
- Applies to software distributed outside of the performance of a contract
- Outside request may come from government agency, university, companies, individuals

- Requirements for Disseminating Software:
 - Must have an NTR in place
 - Must have approval from Caltech
 - Must have approval from Export Compliance
- **Contact Software Release Authority**
 - Will coordinate release with Caltech and Export
 - Requests for Software from JPL can be made at <https://download.jpl.nasa.gov>

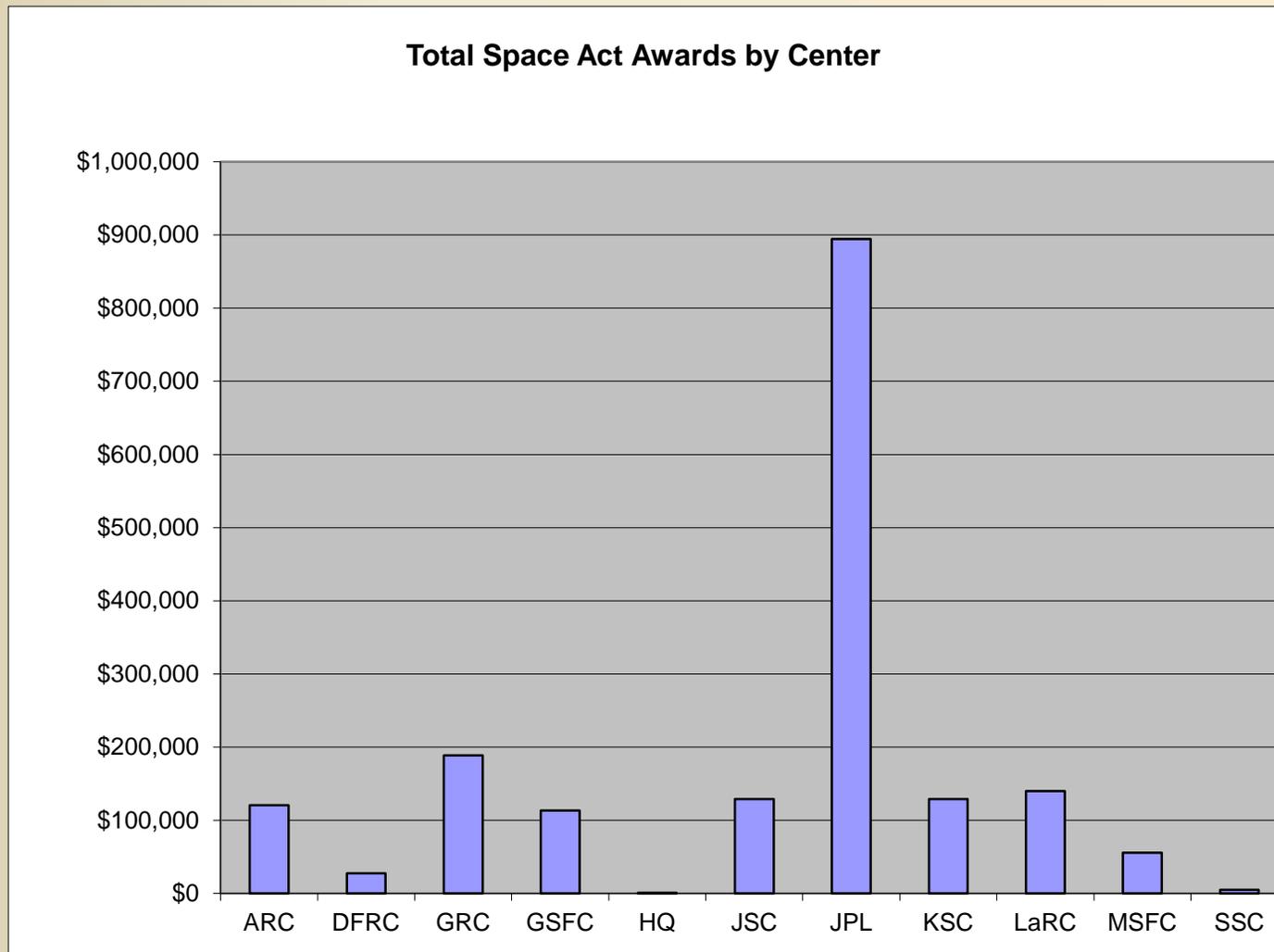
- JPL software may be disseminated to the public at Open Channel Foundation

NASA Space Act Awards

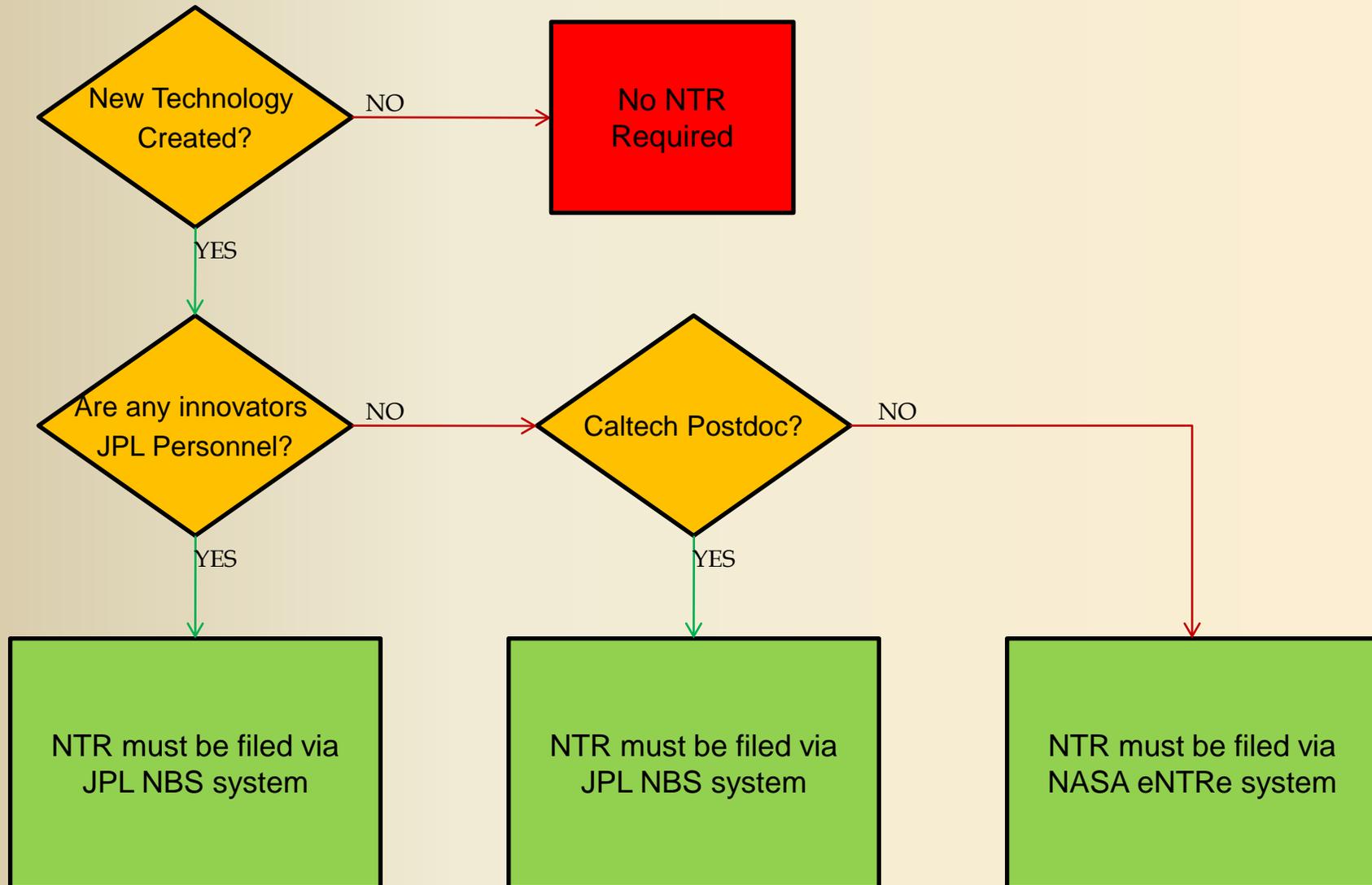
- Contributors on NTRs may be eligible for several NASA Space Act Awards
 - Tech Brief Award; Publication in *NASA Tech Brief* magazine (\$350)
 - NASA Patent Award (\$500/\$1000)
 - Software Available for Public Release Award (software that is developed for a customer) (\$500/\$1000)
 - Board Awards (up to \$100,000)
 - These awards are sponsored by the NASA Inventions and Contributions Board (ICB)
 - Visit http://ntr/pages/space_acts.htm



NASA-Wide Space Act Award \$\$\$ - FY 2010



New Technology Reporting for JPL Post-Docs



NTR Reporting – JPL NBS System

- For (1) NTR filings with JPL personnel listed as innovator(s), or (2) NTR filings with Caltech Post-Doc(s) listed as innovators and NO JPL personnel
- NTRs are filed electronically through the NBS system
- Must have access to NBS system (JPL personnel only – no contractors)
- Submitter:
 - ✓ JPL innovator
 - ✓ Post-Doc Mentor
 - ✓ Postdoc Office
- If unable to file electronically, contact Carla Bagdasaryan (3-3421) for NTR form (paper filing)

NTR Reporting – NASA eNTRe System

- For NTR filings with NO JPL personnel or Caltech Post-Docs listed as innovators
- Website: <https://ntr.ndc.nasa.gov>
- Must register prior to NTR submission
- Electronic filing preferred
- Forms available for paper submission; submit paper copies to Carla Bagdasaryan, MS 114-126, ext. 3-3421

Contact Information

- Chris Jagers, Senior Technology Transfer Specialist/NASA Space Act Awards Liaison Officer, ext. 3-4904, Christopher.H.Jagers@jpl.nasa.gov
- Mark James, Software Release Authority, ext. 4-8488, Mark.James@jpl.nasa.gov
- Carla Bagdasaryan, NTR Administrator, ext. 3-3421, carla.bagdasaryan@jpl.nasa.gov
- Rani Kamarga, NASA Space Act Administrator, ext. 3-7995, Rani.N.Kamarga@jpl.nasa.gov
- Indrani Graczyk, Deputy Manager, Commercial Program Office, ext. 4-2241, Indrani.Graczyk@jpl.nasa.gov
- Rowena Kloefer, Postdoctoral Programs Administrator, ext. 4-3649, Rowena.D.Kloefer@jpl.nasa.gov