



Nadcap Overview

Nadcap Asia Symposium
in Japan

Oct 31st - Nov 1st, 2011



Performance Review Institute (PRI)

- PRI is a not-for-profit affiliate of SAE International
- PRI administers the Nadcap special processes accreditation program on behalf of its Subscribing Members and industry



PRI's Mission

- PRI is a global provider of customer focused solutions designed to improve process and product quality by adding value, reducing total cost and promoting collaboration among stakeholders in industries where safety and quality are shared goals.
- PRI is led by a Board of Directors with responsibility for **strategic direction** and **financial stability**
- The Board is comprised of **leading Quality Executives** from some of the world's largest aerospace companies



2011 PRI Board of Directors

- Stan Adachi
 - Boeing
- Robert Briggs
 - GE Aircraft Engines
- David Handley (Chairman)
 - BAE Systems (Operations) Limited
- Michael Hayward
 - Northrop Grumman Corp.
- Mario Langlois
 - Bombardier
- Jean-Jacques Orsini
 - Snecma
- Andy Page
 - Rolls-Royce plc
- John Papadopoulos
 - United Technologies Corporation
- David L. Schutt
 - SAE International
- Kristin Slyker
 - Honeywell Aerospace
- Junji Tsuji
 - Ishikawajima-Harima Heavy Industries Co.
- Bernard Veyssière
 - EADS
- Steve Wells
 - Goodrich
- Li Wei
 - Aviation Industry Corporation of China

Nadcap

- The leading, worldwide **industry-managed cooperative program** of major companies designed to manage a cost effective **consensus approach** to special processes and products and provide **continual improvement** within the aerospace industry

Compliance – **C**ontrol – **C**ost Savings – **R**isk **R**eduction

Nadcap

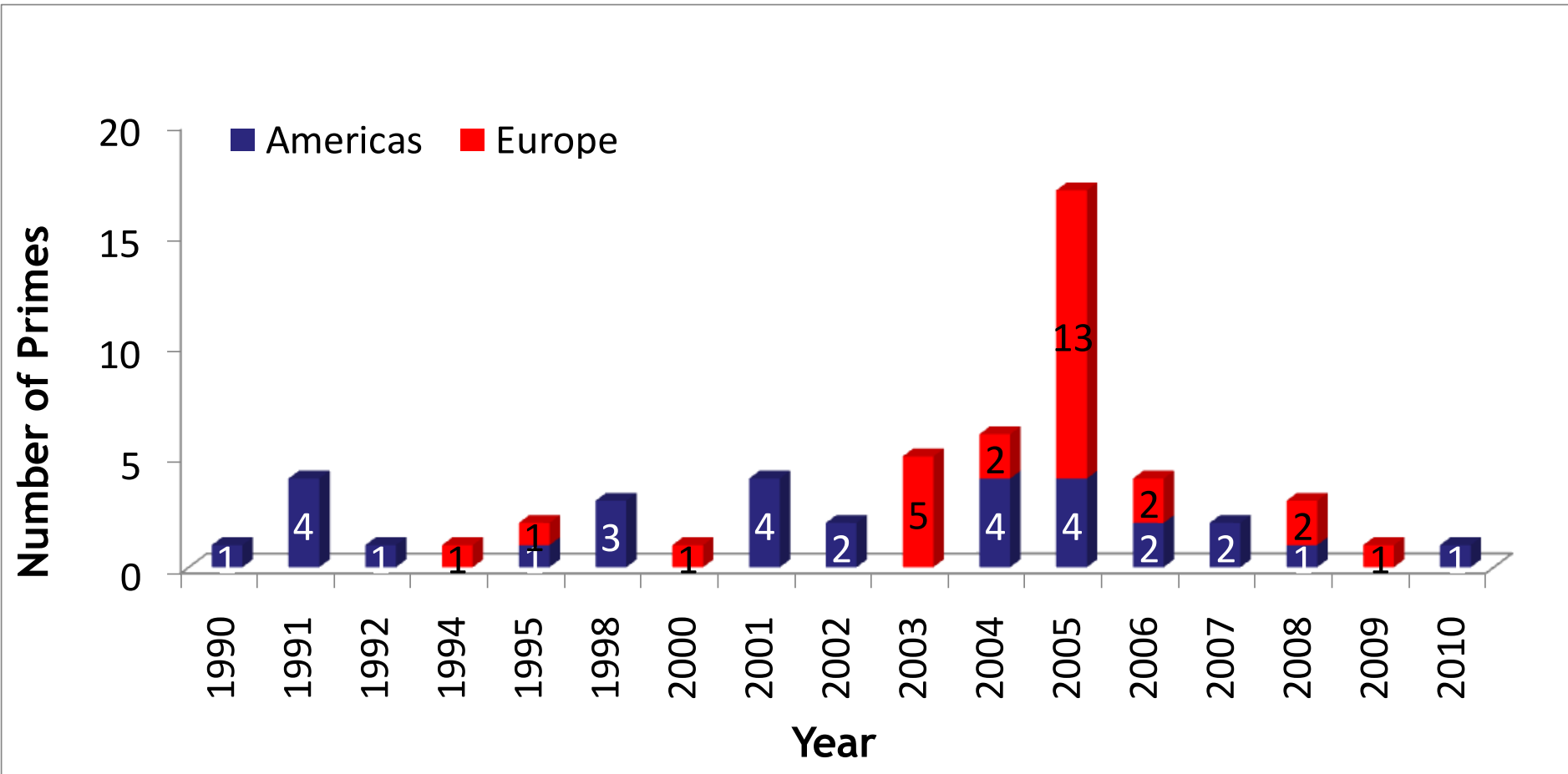
- Special Processes

are those processes where the parameters are directly influenced by component geometry and/or the results cannot be confirmed by inspection. e.g., NDT, Plating, Heat Treating.

- Products

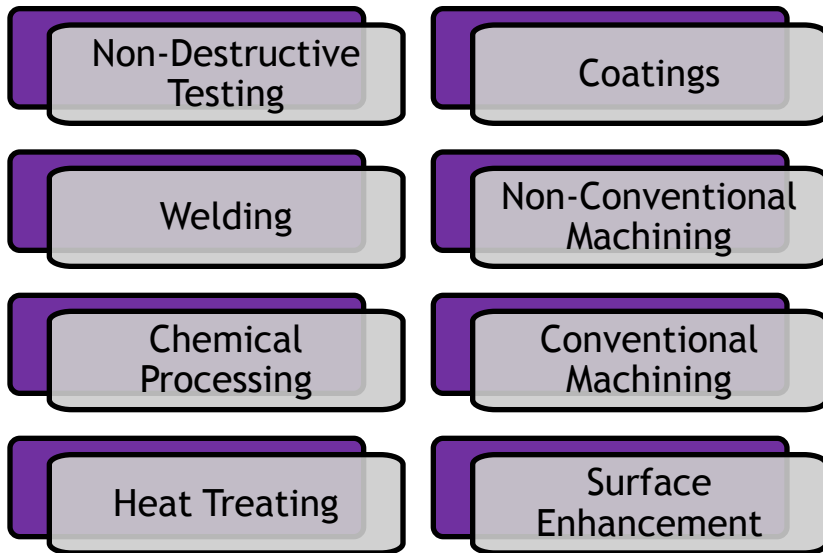
are the manufacturing output of the combination of distinct materials, parts and/or processes which forms a whole. e.g., Composites, Elastomer Seals, Electronics.

Timeline of Primes

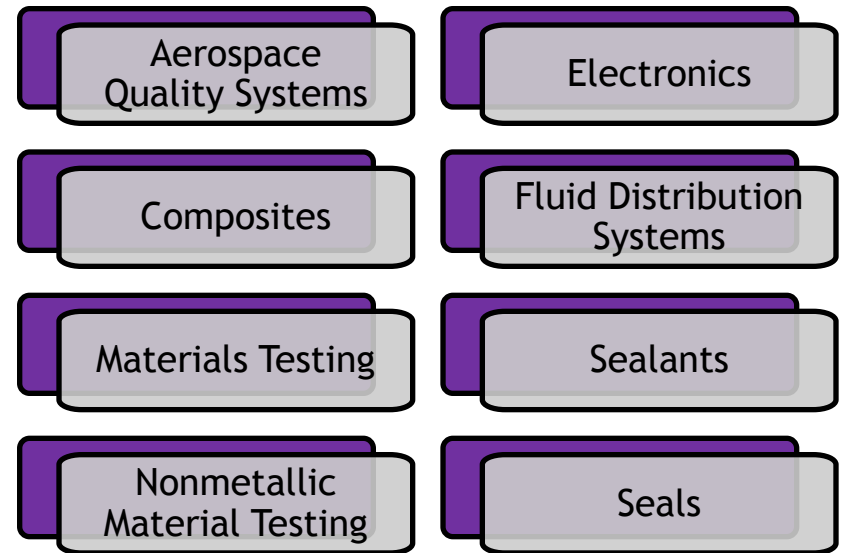


Nadcap Accreditation Today

Special Processes



Systems & Products



PRI and Industry Working Together



Audit Criteria (AC):

Document containing checklists or other surveillance tools to be utilized in the course of determining compliance to established industry standards and Subscribing Member requirements.



Audit Findings and Responses

Reduced risk to industry:

- Rigorous procedures developed governing audit failure and its consequences
- Supplier advisories issued industry-wide allowing Subscribing Members to take prompt action to prevent escapes
- Task Group provides ultimate approval and acceptance of audit package

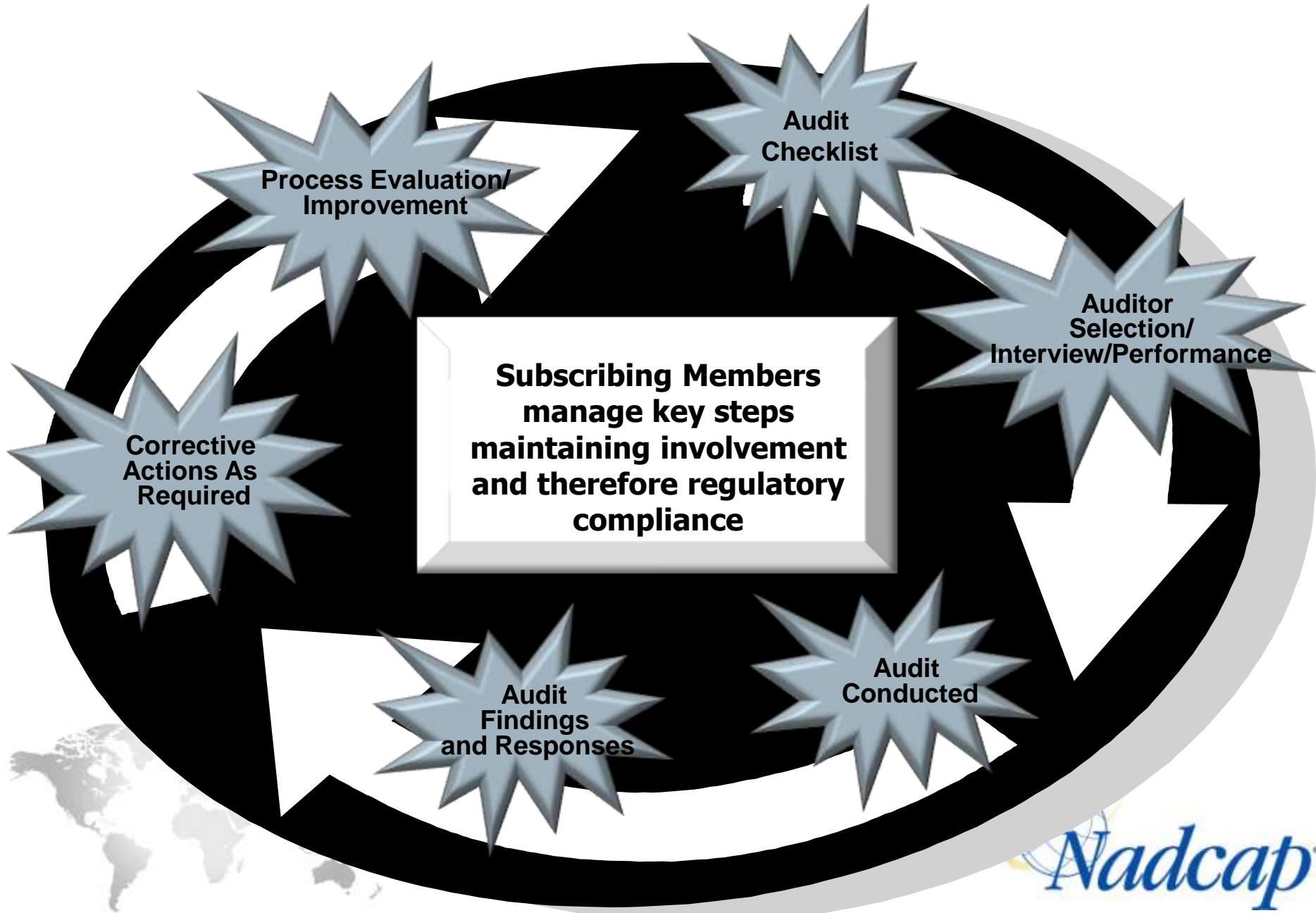
Major Nonconformance

- The absence of, or systemic breakdown of, the Process Control and/or Quality Management system.
- Any non-conformance where the effect impacts or has the potential to impact the integrity of the product.

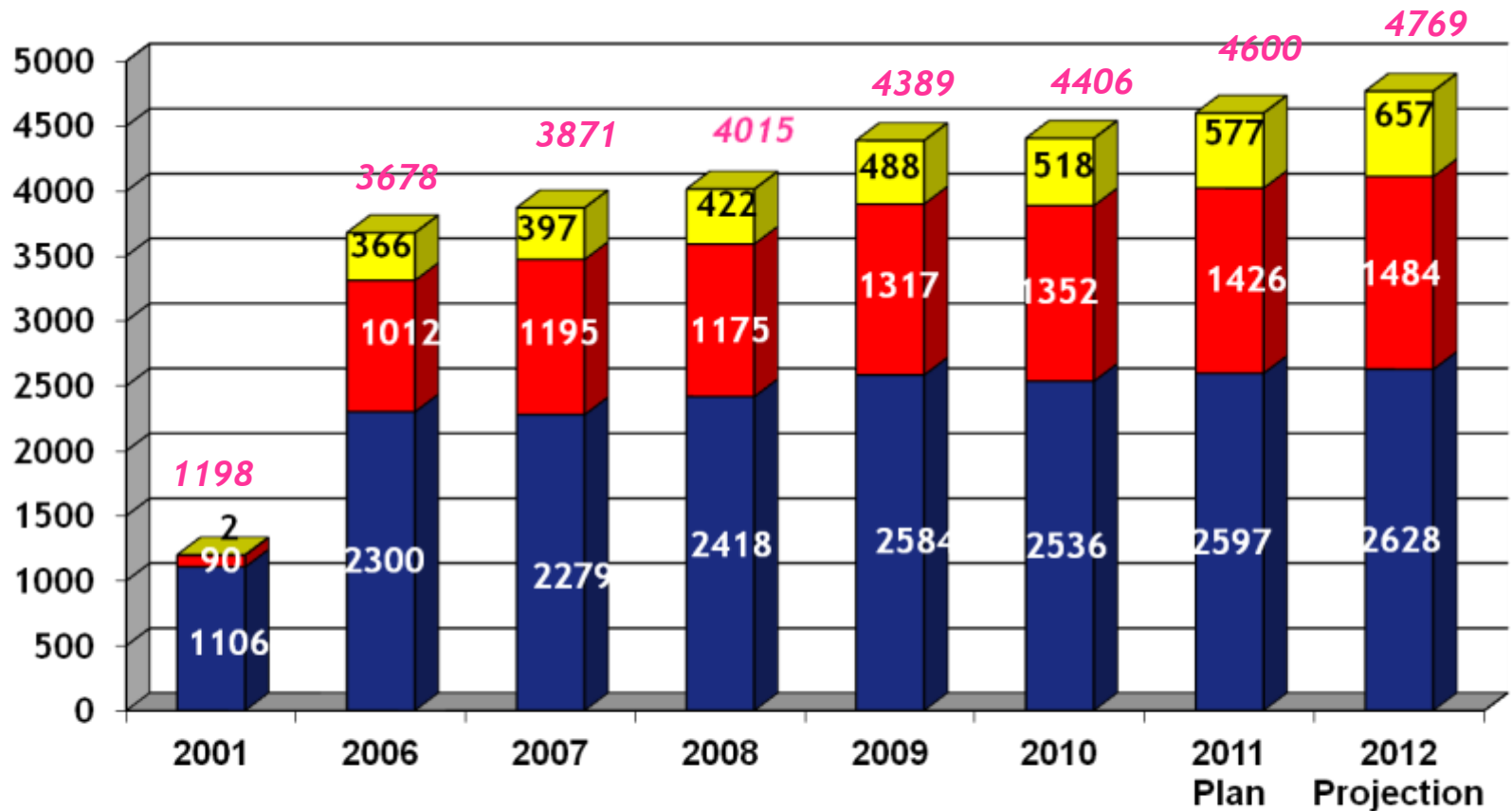
Minor Nonconformance:

- A non-systemic lapse in conformance to the Process Control and/or Quality Management system.

Shared Program Management



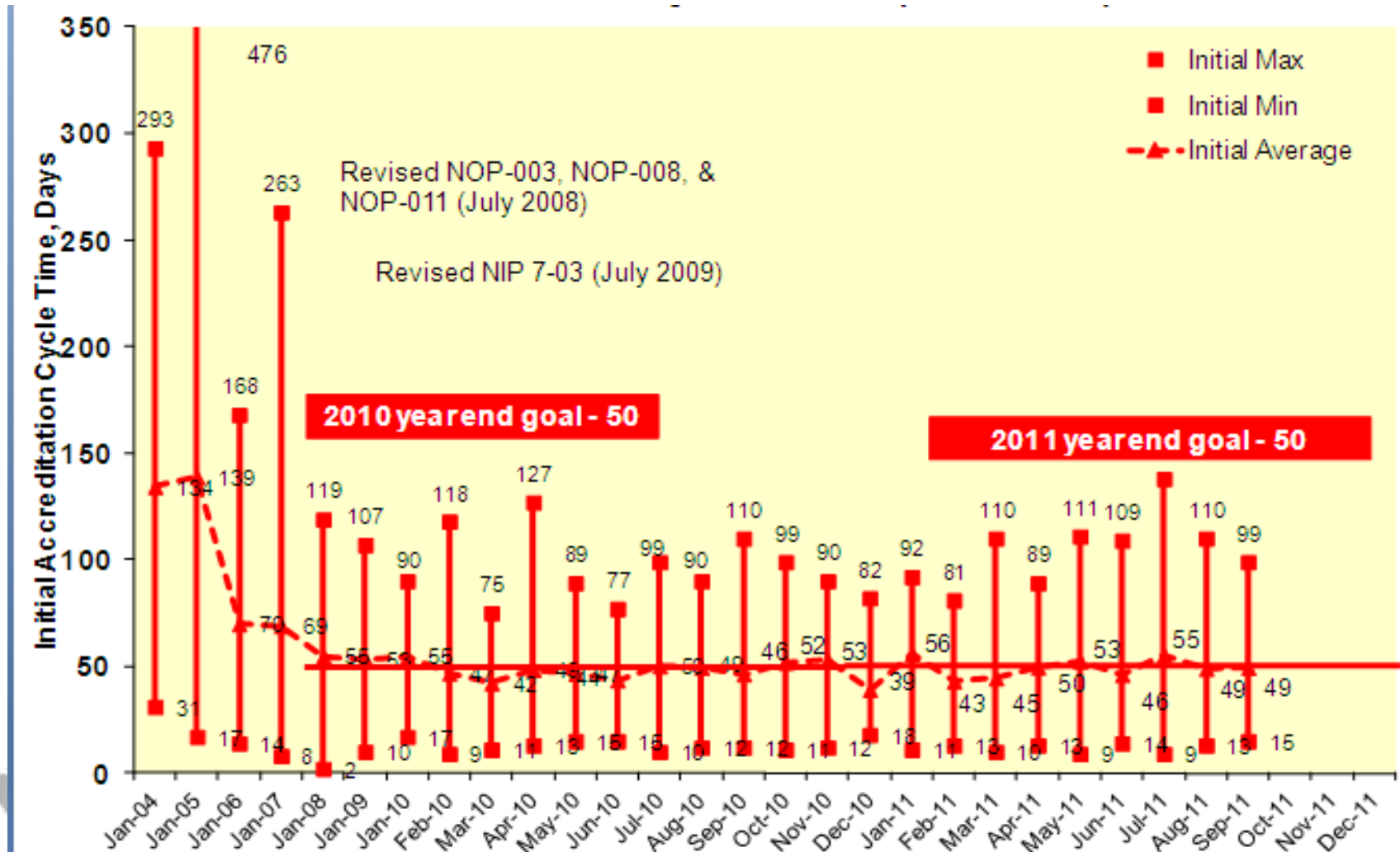
Audits



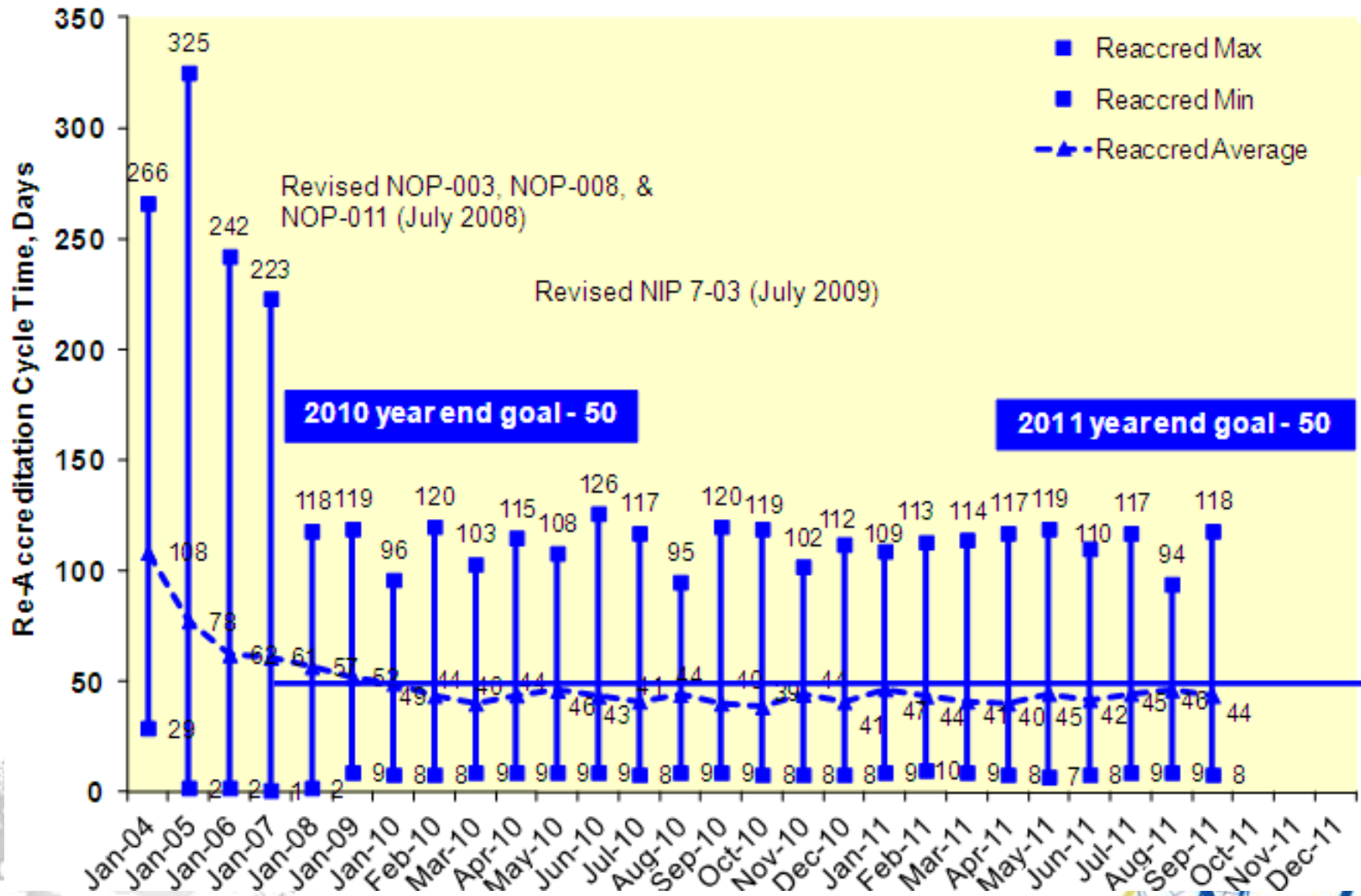
■ Americas ■ Europe ■ Asia



Metric: Audit Review Cycle Time (MOS #16) - Initial



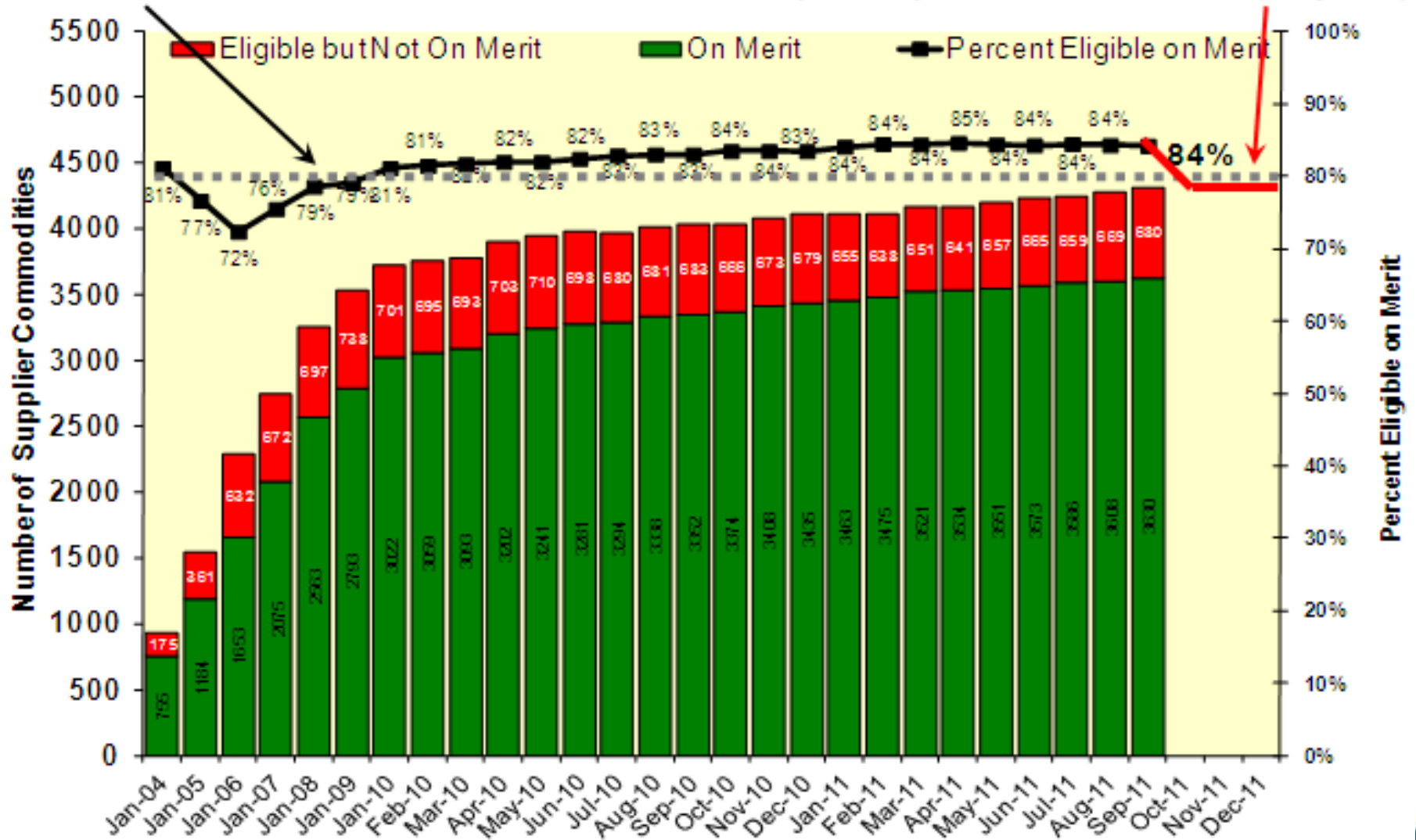
Metric: Audit Review Cycle Time (MOS #16) - Reaccred



Supplier Merit – All Sectors

Revised NOP-008 (July 2008)

Anticipated impact of Revised NOP-008 (early 2012)



Focus on Supplier

- Help improve special processor capabilities
- Understand needs of suppliers and how to support them
- Position Professional Development as a service to primes and suppliers



Making Nadcap Global

- Auditor/Staff Language capabilities
- Increase non-North American auditors and staff
- Focus on needs of Suppliers and Primes from regions outside NA
- Monitoring capability of local language audits



Making Nadcap Global

- PRI recognizes that the internationalization of Nadcap and the acceptance of the program by the global aerospace industry – is key to the continual improvement of the industry and its Supplier base
- At the same time, different countries/regions have different needs. PRI needs to understand needs of suppliers and how to support them
- PRI has identified some country-specific focus areas where the key developments can be made



Nadcap in Brazil, China, Japan, India & Russia

- Brazil
 - Embraer has joined Nadcap as a pending Subscriber. Expect to have them as a Subscribing Prime by the end of next year.
- China & Japan
 - PRI-JAQQ Supplier symposium in Nagoya Oct 31st & Nov 1st
 - PRI-COMAC Supplier Symposium in Shanghai on 3rd of November
- India
 - India Office plans: Decision on hold until December 31st. Evaluation of Prime & Supplier needs for PRI support in India continuing
- Russia
 - Presented Nadcap at UAI Supplier Conference and agreed to co-operate with UAI. Contacts/meetings with UAC, Irkut, Surkoi, MATI and NIAT
 - Technical symposium is planned for 2012



Questions

