

## RIMPAC Innovation Fair

RIMPAC 2018 is a combined live field training exercise that includes tactical level and limited operational level training in the Hawaiian and Southern California operating areas. RIMPAC fosters multi-national cooperation and trust, enhances interoperability, enables professional engagement, and achieves respective national objectives to build capable and adaptive coalition partners. Experimentation and innovation have become more central to the mission of RIMPAC in recent exercises. In 2016, experimentation was named a pillar of the exercise and at sea experiments were integrated into the official schedule of events for the first time.

To build on earlier experimentation and innovation initiatives while maintaining clear focus on RIMPAC's theme of building "Capable, Adaptive, Partners", U.S. Third Fleet will execute the first RIMPAC Innovation Fair ("Fair") on Joint Base Pearl Harbor-Hickam, Hawaii in conjunction with the Harbor Phase. The four day event will begin on Thursday, 28 June and run through Sunday, 1 July 2018. Centrally located at Club Pearl with RIMPAC registration, the fair will consist of exhibitions, displays, innovation opportunities, contests and special events.

This Fair is not an event where vendors and private industry will showcase technology or goods for sale or where attendees will gain business contacts for acquisition or procurement. Instead this event is focused on providing an opportunity among government entities and government-sponsored academic institutions (U.S. and foreign) to display, demonstrate, and explain capabilities and technology have recently or are presently developing that have applications in addressing the following issues in the maritime environment:

- Port Security, Harbor Defense, HADR
- Unmanned Systems, Robotics
- Virtual Reality, Augmented Reality, Simulators
- Energy (Green), ICS, Critical Infrastructure
- Data/Information Exchange

The goal of this event is to provide partner nations a unique opportunity to share with and learn from one another in an unclassified environment among fellow RIMPAC participants to aid them in increasing their capabilities, interoperability, and adaptability to face today and tomorrow's challenges in the maritime environment. Governmental entities or government-sponsored academic institutions interested in applying to display or demonstrate an innovation or technology at the Fair may do so by forwarding the information requested below to U.S. Third Fleet.

### APPLICATION INSTRUCTIONS

1. All applications are limited to three (3) pages and must be submitted to the Fair Project Team electronically. Format for application is provided below. Email completed applications to C3F\_N9\_Inbox.fct@navy.mil, 619-553-2468.
2. The Fair will be conducted at the UNCLASSIFIED level. All application materials and exhibits must be provided at the UNCLASSIFIED level. **DO NOT SUBMIT ANY CLASSIFIED INFORMATION AS PART OF YOUR APPLICATION.**

3. Any entity applying to display or demonstrate at the Fair is responsible to ensuring they have secured all necessary authority and permissions from development partners or other third parties who may have an interest in the technology or innovation being displayed or demonstrated. They must also ensure they have complied with any applicable contracts or legal or regulatory guidance or restraint, which would for U.S. Department of Defense component entities include but not be limited to: DoD 5500.7-R (Joint Ethics Regulations), Sections 3-209 – Endorsement; and, 3-211 Logistical Support of Non-Federal Entities.
4. One government entity may submit multiple applications addressing multiple innovations or technologies it desires to demonstrate or display at the Fair. Each application must address only one technology.
5. Applicants shall bear all costs of applying, and if selected, traveling to and presenting at the Fair. Applicants selected to display or demonstrate their innovation or technology at the Fair must provide all materials and resources necessary at their own expense and be in all ways self-sufficient during the execution of their display or demonstration and not dependent on venue resources.
6. Applications must be received by midnight, United States Pacific Time, 2 February 2018.
7. Application Review Criteria: Applications will be reviewed by the Fair Project Team along with any other appropriate supporting government organization or support contractors. This team will determine whether an applicant will be offered an invitation to display or demonstrate at the Fair.

Selection of applicants to participate shall be based on:

- a. Whether the applicant is a government entity or government-sponsored academic institution (United States or foreign).
- b. The extent to which the technology or innovation represents a particular level of capability that is relevant in addressing one of the specified maritime issues or another maritime issue deemed appropriate for the RIMPAC forum.
- c. Other considerations include:
  - Maturity of technology
  - Utility of Innovation
  - Relevance of or adaptability to military operations/missions
  - Relevance to current technical or operational challenges
  - Adaptability for use in a combined maritime environment
  - Overall appropriateness of display or demonstration in a combined, unclassified environment.

Application to Display at the RIMPAC 18 Innovation Fair

1. Organization: *Provide full name of government entity/academic institution*
2. POC: *Provide name of person submitting application; office and mobile telephone numbers and email address(es).*
3. Technology, Innovation and/or Capability Name: *Commonly referred to name*
4. Description of what you desire to display or demonstrate:
  - *Describe the technology, innovation or capability that you plan to demonstrate and how it works.*
  - *Describe past, present and future uses, and predicted performance.*
  - *Describe known or anticipated integration, and operating requirements or costs to utilize the technology, innovation or capability as you envision in the maritime environment.*
  - *Describe the level of product maturity. If under development, please describe status. If it has been developed and utilized provide brief summary of relevant prior applications. Also indicate its technology readiness level (TRL).*
  - *Please attach an image of the technology.*
5. Capability Classification: *Verify that the technology, innovation or capability you are displaying.*
6. Identify any development partners or other third parties who may have an interest in the technology, innovation, or capability, or who may in any way participate in the display or demonstration at the Fair.
7. Export Administration Regulations (EAR) and International Traffic in Arms Regulations (ITAR): *Identify what (if any) parts of your capability have EAR and/or ITAR restrictions.*
8. Set-up Requirements: *Briefly describe the details of the proposed capability set-up for the demonstration.*
  - Major System Dimensions:
  - Estimated Total Weight:
  - Power Requirement:
  - Network Connections: (if needed)
  - Data Requirement: (internet connectivity, GPS, etc.)
  - Special Handling: (crane, forklift, etc.)
  - Restrictions: (i.e. cable length, conditioned space, environmental constraints, etc.)
  - Anticipated Number of Personnel for Display:
  - Hazardous Materials:

- On-site Storage:
  - If applicable, please provide all pertinent information about any transmitter or receiver that you intend to operate as part of this demonstration. Frequency, transmit power, antenna information, required separation from other emitters, etc. Please include a basic system diagram.
9. Demonstration Team: *Include name, email, phone number and complete address of key stakeholders*
- a. Demonstration Lead:
  - b. Technical Lead:
  - c. Team Members:
10. Certify that the applying entity has and will comply with any applicable contracts or legal or regulatory guidance or restraint, which would for U.S. Department of Defense component entities would include but not be limited to: DoD 5500.7-R (Joint Ethics Regulations), Sections 3-209 – Endorsement; and, 3-211 Logistical Support of Non-Federal Entities.
11. Provide the name and telephone numbers of legal counsel who has and will assist the applying entity with necessary contract, legal and regulatory review in support of your certification and participation.