Amazon.com is able to quickly package and ship millions of items to customers from a network of fulfillment centers all over the globe. This wouldn't be possible without leveraging cutting-edge advances in technology. Amazon’s automated warehouses are successful at efficiently moving goods within a warehouse. However, commercially viable automated picking and stowing in unstructured environments still remains a difficult challenge.

The 2017 Amazon Robotics Challenge (the "Challenge") is a skill challenge sponsored by Amazon Robotics LLC ("Amazon") to strengthen the ties between the industrial and academic robotic communities and promote shared and open solutions to some of the big problems in unstructured automation. The Challenge will task entrants with building their own robot hardware and software (collectively, a "Robot") that can attempt simplified versions of the general task of picking and stowing items on shelves. The Challenge combines object recognition, pose recognition, grasp planning, compliant manipulation, motion planning, task planning, task execution, and error detection and recovery. The Robots will be scored by how many items are picked and stowed in a fixed amount of time. Teams will share and disseminate their approach to improve future Challenge results and industrial implementations. See below for the complete Challenge details.

**CHALLENGE CALENDAR:** The Challenge starts on November 4, 2016 at 12:00 AM Eastern Time ("ET") and ends on July 30, 2017 at 11:59:59 PM ET (the "Challenge Period"). Amazon's computer is the official timekeeper for this Challenge. The Challenge phases are noted in the calendar below. The dates are approximate and are subject to change at Amazon's discretion.

<table>
<thead>
<tr>
<th>PHASES</th>
<th>STARTS AT 12:00 AM ET ON:</th>
<th>ENDS AT 11:59 PM ET ON:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHASE 4: Challenge Event</td>
<td>July 25, 2017</td>
<td>July 30, 2017</td>
</tr>
<tr>
<td>PHASE 5: Event Scoring</td>
<td>July 28, 2017</td>
<td>July 30, 2017</td>
</tr>
<tr>
<td>PRIZE WINNERS ANNOUNCED</td>
<td></td>
<td>July 30, 2017</td>
</tr>
</tbody>
</table>

**ELIGIBILITY:** To be eligible to enter the Challenge, you must: (1) be above the age of majority in the country, state, province or jurisdiction of residence (and at least twenty years old in Taiwan) at the time of entry; (2) not be a resident of Brazil, Quebec, Crimea, Cuba, Iran, Syria, North Korea, or Sudan; (3) not be a person or entity under U.S. export controls or sanctions; and (4) have access to the Internet as of November 4, 2016. Challenge is void in Brazil, Quebec, Crimea, Cuba, Iran, Syria, North Korea, Sudan, and where prohibited by law. Employees, interns, contractors, and official office-holders of Amazon and Amazon.com, Inc. and its subsidiaries, affiliates, and their respective directors, officers, employees, advertising and promotion agencies, representatives, and agents ("Challenge Entities"), and members of the Challenge Entities and their immediate families (parents, siblings, children, spouses, and life partners of each, regardless of where they live) and members of the households (whether related or not) of such employees, officers and directors are ineligible to participate in this Challenge. Amazon reserves the right to verify eligibility and to adjudicate on any dispute at any time.
If you are entering as part of a company or on behalf of your employer, these Official Rules are binding on you, individually, and/or your employer. If you are acting within the scope of your employment, as an employee, contractor, or agent of another party, you warrant that such party has full knowledge of your actions and has consented thereto, including to the terms of these Official Rules and your potential receipt of a prize. You further warrant that your actions do not violate your employer’s or company’s policies and procedures.

The Challenge is void where prohibited. Individuals may enter as a sole entrant or as part of a team. An individual is permitted to be part of more than one team and may enter as part of a team and as a sole entrant if they desire. For purposes of these Official Rules, both sole entrants and groups of individuals forming a team will be referred to as a “Team”. Each Team must designate a team captain (the “Captain”) on its Proposal Entry. Only one person on a Team will be considered the Captain for entry purposes. Each member of any Team must be eligible to participate in this Challenge and comply with these Official Rules or such Team may be disqualified. This Challenge is subject to all applicable federal, state and local laws. By participating in the Challenge, each member of each participating Team (as applicable), unconditionally accepts and agrees to comply with and abide by these Official Rules and the decisions of Amazon, which will be final and binding, including the Amazon’s right to verify eligibility, to interpret these Official Rules, and to resolve any disputes relating to this Challenge at any time. For purposes of these rules, any reference to, representation, warranty or agreement of, or requirement placed upon a Team shall be considered a reference to, representation, warranty or agreement of, or requirement placed upon each of such Team’s individual members.

DESCRIPTION OF CHALLENGE PHASES:

PHASE 1 “Robot Proposal Entry Period”: Teams who wish to enter the Challenge may visit https://www.amazonrobotics.com/#/pickingchallenge (“Challenge Site”) and submit the entry information in the form provided, which may include, but may not be limited to: Captain name, email address, team size, mailing address, daytime phone number, confirmation of age, and an overview of their Robot and Storage System (collectively, a “Proposal Entry”).

Proposal Entries may be submitted at any time during the Robot Proposal Entry Period. Only one Proposal Entry is to be submitted on behalf of each Team. Teams can find Proposal Entry forms and instructions for completing and submitting Proposal Entries on the Challenge Site. By submitting a Proposal Entry form and entering the Challenge, Teams acknowledge compliance with these Official Rules. Proposal Entries will not be returned and become the property of Amazon, however, if selected to participate in the Challenge Event, the Robot itself remains the property of the Team. By submitting a Proposal Entry, the Team warrants and represents that it is the creator of the Proposal Entry and that the Team consents to the submission and use of the Proposal Entry in the Challenge. Each Proposal Entry and subsequent Robot and Storage System must comply with the entry terms and Robot technical requirements set forth below in order to be eligible.

ENTRY TERMS: Determination of compliance with entry, technical, and creative requirements and these Official Rules will be in the sole discretion of Amazon and the designated Review Panel (as defined below). By entering, each Team warrants that entries:

i. are the original work of the Team or an update to an original work of the Team;

ii. do not contain any use of names, likenesses, photographs, or other identifying elements in whole or in part, of any person, living or dead, without permission (proof of which must be provided to Amazon upon request in a form satisfactory to Amazon);

iii. do not infringe or violate the rights of any third party, including but not limited to, copyrights, trademarks, logos, copyrighted material not owned by the Team (other than Amazon’s related materials that were provided to the Team by or on behalf of Amazon in connection with the Challenge), contract and licensing rights, rights of publicity or privacy, moral rights, or any other intellectual property rights;
iv. are not subject to any third party agreements, and that Amazon will not be required to pay or incur any sums to any person or entity as a result of its ownership, acquisition, use or exploitation of the entries or rights therein;

v. were made with the understanding that any required permits from local authorities or other permissions have been obtained and is documented sufficiently such that the Team can show proof of such permission upon request from Amazon; and

vi. do not promote any activity that may appear unsafe or dangerous.

**Robot Technical Requirements**

All Robots must include an emergency stop function to halt movement of the Robot. No Robots may include teleoperation or semi-autonomous user input features. Robots that are designed to intentionally damage items or their packaging (such as piercing or crushing) will be disqualified from the Challenge. Robots may include vacuum systems or other noise generating components but the noise levels must allow others to work effectively nearby. Excessive high-pitched noises are not allowed. Questionable designs should be cleared with Amazon prior to the Challenge. Additional requirements are described in the description of the Challenge Event below.

**PHASE 2 “Robot Proposal Review Period”:** All eligible Proposal Entries will be judged and scored by a review panel chosen by Amazon (the “Review Panel” and each member thereof, a “judge”). The Review Panel will rank Proposal Entries based on the maturity and flexibility of the proposed design and the likelihood the design will result in successful performance in the Challenge Event (the “Review Criteria”). Amazon reserves the right to assess Proposal Entries in the manner determined by Amazon, which may include interviews or discussions with certain Teams.

The sixteen (16) Proposal Entries ranked highest by the Review Panel will be invited to attend RoboCup 2017 scheduled to take place in Nagoya, Japan from July 25 to July 30, 2017 where they will have the opportunity to have their Robot compete against other finalist Robots (the “Challenge Event”) (subject to verification and compliance with these Official Rules). Amazon’s decisions are final and binding in all matters relating to this Challenge.

**PHASE 3 “Notification Period”:** Teams will be notified by email regarding their participation in the Challenge Event at the email address provided on the Proposal Entry. All members of Teams participating in the Challenge Event will be required to complete and return a Participation Agreement within the timeframe stated on the notification. If any email notification is returned as undeliverable, if a Team does not respond within the required number of days specified by Amazon, or if information collected within the clearance documentation, entry, or background check is found in non-compliance with these Official Rules, raises other issues of significant concern to Amazon, or a potential winner decides to decline the prize for any reason whatsoever, Amazon shall have no further obligation to such Team and the applicable prize will be forfeited and may be awarded to a runner-up Team (time-permitting and at Amazon’s sole discretion).

**PHASE 4 “Challenge Event”:**

**Overview**

The Challenge Event will consist of three tasks:

- A pick task to remove target items from storage and place them into boxes,
- A stow task to take target items from totes and place them into storage, and
- A Final Round task where all items are first stowed and then selected items are picked into boxes.

The Challenge Event will take place over several days, and each team will have a dedicated bay for the entire Challenge. The first and second days will be dedicated to setup and testing. The third day will be for practice rounds. Teams may have the success of their Robots scored during practice, but the outcome of the practice attempts will not count toward or be considered in the final scoring evaluations (as outlined below). Each Team will compete in the stow task on the fourth day and then in the pick task on the fifth day. On the final day all the teams that qualify based on pick and stow performance will compete in the
combined task. Amazon will specify in its sole discretion the order of Teams for each task at the Challenge Event.

**Practice Equipment**
Amazon will furnish practice equipment to each team that is invited to the Challenge Event. This includes:

- Three totes
- A training set of practice inventory (outlined below)
- A set of Amazon cardboard boxes

All furnished equipment will be substantially similar to that listed in these Official Rules and used at the Challenge Event.

**Tote**
Amazon will provide totes for the competition as part of the practice equipment. Amazon anticipates that the totes in the practice equipment should be sufficient in number for Teams to practice for and participate in the Challenge; however, Teams may contact Amazon for information about purchasing additional totes if they wish. Any additional totes a Team wishes to purchase will be at that Team’s own expense.

**Storage System**
Items will be stowed to and picked from a storage system designed by the Team (the “Storage System”). Although Teams will have the flexibility to customize their Storage System, the intention and the spirit of the competition remains the advancement of state-of-the-art robot manipulation and perception. To keep that focus, the Storage System must meet the following specifications:

- It must consist of between one and three objects that are physically distinct from the Robot and that could be reasonably carried by an Amazon Robotics mobile robot. These objects may be bolted down or otherwise secured in place for the Challenge.
- It must have at least 2 and no more than 10 distinct internal compartments or bins that are clearly labeled with letters A through J. All items must be stored within these bins.
- The sum of the outer upright bounding box volumes of the object(s) must be no more than 95,000 cubic centimeters. All bins must be contained inside this bounding box. Outer bounding shapes such as cylinders or pyramids may also be considered.
- It must occupy an area of no more than 5,000 square centimeters, and its length, width, or height must be no longer than 125 centimeters. It may be placed on top of a table or other supporting structure.
- It must be static and contain no motors or actuators. It may contain parts such as drawers that are moved by the robot, provided that these parts start and end the task inside the bounding box of the Storage System.
- Any sensors contained within the Storage System must be inexpensive, with a total price for all such sensors of less than $50.
- The same Storage System must be used of the Pick, Stow, and Final Round Tasks.

The rules for the Storage System are based on the bounding box volume of two totes. Customized totes or bookshelves are both in the spirit of the competition, and Amazon welcomes creative ideas that also keep the focus on robotic manipulation and perception. Teams must include an initial proposal with respect to their Storage System as part of their Proposal Entry, and Teams are encouraged to contact Amazon at any time with questions regarding whether a Storage System will remain within the spirit of the Challenge. Amazon reserves the right to reject any proposed Storage System in its sole discretion.

**Items**
All items to be picked and stowed as part of the Challenge will meet the following specifications:

- The item can fit in a 31 x 20 x 14 cm or smaller volume.
- The item will weigh 2 kg or less.

For each item Amazon will also provide the following **Item Data**: string identifier for the item, a classification of the item type (book, box, clothing, etc.), a 3D model, and text description and images of the product like those that would appear in an online store.
Amazon will select and distribute to each Team a "training set" of 40 items before the Challenge as part of their practice equipment. The training set items will represent popular kinds of products and may include books, cubic boxes, clothing, soft objects, objects with handles, and irregularly shaped objects.

Each task at the Challenge Event will use a different set of items (the "competition set"). Half of the items in each competition set will be from the training set and the other half will be new items. The target items in the orders for the Pick and Final Round tasks will also be half items from the training set and half new items. The new items will be selected in the same way as the training set but will be different books, boxes, clothing, etc. The competition set for a task may be different for each Team but will have similar distributions of books, boxes, clothing, etc. Teams are not allowed to modify or alter items in the competition set.

**Task Input and Output Files**

The **Item Location File** will consist of a single JSON file that defines where items are located:
- The items in each bin of the storage system
- The items in the stow tote

The **Order File** will consist of a single JSON file that defines three orders and the items that should be picked for each order.

**Workcell Layout**

The Robot, Storage System, and totes or boxes for a task must fit within a predefined workcell and must stay entirely within that workcell during a competition attempt. The standard size for a workcell is 2.5m x 2.5m, but the Review Panel may consider exceptions for larger systems.

Teams will be allowed to choose the initial position of the tote for the Stow Task and the stow phase of the Final Round Task. The tote and its contents will be provided and placed by the judges in the position specified by the team. The position for the tote must enable the judges to quickly and safely administer the task. The tote may not be physically modified, but it may be mechanically held in place so long as the process to secure or free the tote takes less than 30 seconds. The Robot may also move or support the tote during an attempt.

Teams may also choose the initial positions for the boxes for the Pick Task and the pick phase of the Final Round Task. The boxes will be provided by the judges but may be placed by the team. The boxes may not be physically modified, but they may be mechanically held in place so long as the process to secure or free them takes less than 30 seconds. The Robot may also move or support the boxes during an attempt.

**Task Attempt Rules**

An **attempt** is defined as a single scored run. Approximately 45 minutes before an attempt the Team will be provided the competition set of products in totes, a USB stick with the Item Data for all the items in the set, and cardboard boxes (if needed for the task). The Team can have the items for 30 minutes, during which time they may take photographs of and practice with the items. After 30 minutes, Teams must return the totes of items back to the judges. For Pick and Final Round Tasks the judges and the Team will then perform the initial item stow by hand. Two minutes before the attempt the judges will give the Team a USB stick with the Item Location File and Order File (if required). These files can be manually loaded into the Robot but cannot be modified.

To start an attempt, the Team may enter a command to start the Robot. The attempt ends when one of the following conditions is met: the time limit expires, the Captain verbally declares the run is complete, or a human intervenes with the run either remotely or physically. The score recorded for the attempt will be the score at the moment that the ending condition is met.

Each Team is allowed one **reset** during the first attempt of the Pick Task, Stow Task, or stow phase of the Final Round Task. One reset is also allowed during the pick phase of the Final Round Task, but only if the
Robot has not caused any items to move. Deciding whether or when to declare a reset is at the discretion of the Team. A reset is initiated by a verbal declaration from the Captain of the Team and ends the first attempt. The score and time remaining at the end of the first attempt will be recorded and an Item Location File should be produced for stow tasks. The judges will then return all items to the bins they were in at the start of the first attempt, although the item poses may be different.

The second attempt will start when either the judges have completed resetting the inventory or 5 minutes after the reset is declared, whichever is later. The second attempt can start before the 5 minutes have elapsed if both the judges and the Team are ready. The Team will have whatever time remained from the first attempt minus a 60 second reset penalty to complete the attempt. The Team will receive the better score from either their first or second attempt.

No human interaction (remote or physical) is allowed with the Robot after the start of an attempt except to stop the attempt. Note that this precludes any teleoperation or semi-autonomous user input to the Robot.

**Pick Task**
The competition set for the pick task will consist of 32 items that fit in two totes. The Team members will stow by hand the competition set items into their Storage System. Though the Team will be permitted to see the full competition set of items ahead of time, judges will provide the items to stow one at a time, and each item must be stowed to its final position before the next item is handed over. Stowing all the items must take no more than 8 minutes, and all items must be stowed. After all items are stowed, the judges may adjust the poses of some or all of the items. The judges will create an Item Location File with the contents of bins A through J, which they will provide to the Team.

Once the items are stowed, the Team will be provided an Order File that specifies 10 target items and three orders: a 5 unit order, a 3 unit order, and a 2 unit order. The Robot will then have 15 minutes to pick the three orders. Each order will have an associated cardboard box and target items for the order should be packed into the correct box for the order. The Robot may also move non-target items between bins in the storage system if desired.

Points will be awarded for:
- 10 points for each target item picked into the correct box, plus 10 additional points if the target item is a new item.
- 1 point for every 5 seconds or fraction thereof that remain on the clock when the task is complete and all target items have been successfully picked into the correct box.
- 10 points for each complete order in a box that can be closed without moving any items.

Points will be subtracted for:
- -15 points for each non-target item that is not in the Storage System at the end of the task, except for items grasped by the Robot under normal operation when time runs out.
- -15 points for each target item that is not in the storage system or in the correct box at the end of the task, except for items grasped by the Robot under normal operation when time runs out.
- -5 points for each target item that is dropped into a box from a height of more than 15 cm.
- -5 points for each item that is protruding more than 2 cm out of the Storage System.
- -5 points for minor damage to an item or a box, such as bend and dents.
- -20 points for major damage to an item or a box, such as large rips, holes, or crushing.

**Stow Task**
The judges will provide one crowded tote, filled with 20 items in an unstructured jumble, and will place that tote in the position indicated by the Team. The judges will also provide the Team an initial Item Location File. The Robot will have 15 minutes to move all the items into the Storage System. While the Robot is allowed to move the tote, it must manipulate the items to get them out of the tote or into the Storage System and may not dump the tote.
At the end of the task the Robot will report the final location of each item (stow tote or which bin in the storage system) in the Item Location File. There will also be an amnesty tote where any items that cannot be identified can be placed for no penalty.

Points will be awarded for:
- 5 points for each item stowed into the Storage System, plus 5 additional points if the item is a new item.
- 1 point for every 5 seconds or fraction thereof that remain on the clock when the task is complete and all items have been successfully stowed to the Storage System, so long as at least 15 of the locations of the items are correct in the Item Location File.

Points will be subtracted for:
- -15 points for each item that is not in the Storage System, stow tote, or amnesty tote at the end of the task, except for items grasped by the Robot under normal operation when time runs out.
- -5 points for each item in the Storage System or stow tote with an incorrect final location in the Item Location File.
- -5 points for any item that is dropped into the Storage System from a height of more than 15 cm.
- -5 points for each item that is protruding more than 2 cm out of the Storage System.
- -5 points for minor damage to an item, such as bend and dents.
- -20 points for major damage to an item, such as large rips, holes, or crushing.

**Final Round Task**
Teams that are top performers in the stow and pick tasks will compete in a “Final Round” task that combines stow and pick.

To qualify for the Final Round Task, a Team must:

1) reach a minimum of 100 points in either the pick or stow tasks, and
2) rank in the top 10 Teams based on the sum of pick and stow scores.

In order to ensure that there are a meaningful number of competitors participating in the Final Round Task, if fewer than five Teams reach a minimum of 100 points in either the pick or stow tasks, then the participants in the Final Round Tasks will be the top 5 Teams based on the sum of pick and stow scores.

The Final Round task will start with two totes of 16 items each, both of which will contain an even split of new and training items. The Team members will stow the first tote by hand in 4 minutes following the same procedure outlined in the Pick Task. The judges will provide an Item Location File with the storage bin contents after the manual stow and the contents of the remaining stow tote.

The Robot will then have a total of 30 minutes for the remainder of the Final Round task, which can be divided between stow and pick however the team chooses.

The robotic stow phase will involve putting away the remaining 16 items into the Storage System. There will be an amnesty tote where any items that cannot be identified can be placed for no penalty. When the Team declares that the Robot has completed the stow phase, the timer will stop.

The stow and amnesty totes will be removed, along with any items that are not in the Storage System. The Robot will report the final location of each item (stow tote or which bin in the storage system) in the Item Location File; any errors may not be corrected. The Team will then be provided three cardboard boxes and an Order File that specifies 10 target items from the 32 in the competition set and three orders: a 5 unit order, a 3 unit order, and a 2 unit order. Any target items that were removed after the stow phase will not be replaced and will not be available for the pick phase.

The pick phase will begin and the timer will start when the judges are ready or two minutes after the team is provided with the boxes and Order File, whichever is later. The Robot will then pick the available target
items for each order into the associated cardboard box. The Robot may also move non-target items between bins in the Storage System if desired.

Points will be awarded and subtracted using the same rubric as the pick and stow tasks with two modifications. First, no penalties will be subtracted during the pick phase for any items that were removed after the stow phase. Second, one point will be awarded for every 5 seconds or fraction thereof that remain on the clock when the pick phase is complete if all available target items have been successfully picked into the correct box and at least 8 target items were available.

**TRAVEL SUBSIDY (16):** Each of the sixteen Teams invited to the Challenge Event will receive a subsidy that may be used to reimburse for travel costs, hotel accommodations and Robot shipping fees associated with attending RoboCup 2017, in an amount determined by Amazon. The amount of the subsidy will be determined by giving consideration to the distance from which the Team must travel and certain other factors. Amazon anticipates that the subsidies will likely range between $10,000 and $20,000 USD, but the exact amounts of the subsidies offered to each Team will be determined at Amazon's sole discretion. Each Team invited to the Challenge Event will also receive free registration/access to RoboCup.

**EVENT PRIZES:** The top three Teams in the Pick Task and the top three Teams in the Stow Task will receive monetary prizes as detailed below. The top three Teams in the Final Round Task will win larger monetary prizes. Teams will be eligible to receive multiple prizes if they place in more than one task. In the event of a scoring draw the tied Teams will split the sum of any prizes they jointly won (i.e., if two Teams tie for 2nd, they would split the sum of the prizes for 2nd and 3rd). In addition, each Team that qualifies for the Final Round Task but does not finish in the top three will receive a finalist prize.

**Pick Task Prizes:**

<table>
<thead>
<tr>
<th>Prize</th>
<th>Prize (USD)</th>
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<tbody>
<tr>
<td>1st Place Pick Task</td>
<td>$20,000.00</td>
</tr>
<tr>
<td>2nd Place Pick Task</td>
<td>$10,000.00</td>
</tr>
<tr>
<td>3rd Place Pick Task</td>
<td>$5,000.00</td>
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**Stow Task Prizes:**

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<tr>
<th>Prize</th>
<th>Prize (USD)</th>
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</thead>
<tbody>
<tr>
<td>1st Place Stow Task</td>
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<td>2nd Place Stow Task</td>
<td>$10,000.00</td>
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<tr>
<td>3rd Place Stow Task</td>
<td>$5,000.00</td>
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**Final Round Task Prizes:**

<table>
<thead>
<tr>
<th>Prize</th>
<th>Prize (USD)</th>
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<tbody>
<tr>
<td>Place</td>
<td>Final Round Task</td>
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<td>-------</td>
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<tr>
<td>1st</td>
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<tr>
<td>2nd</td>
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<tr>
<td>3rd</td>
<td></td>
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<tr>
<td>Finalist Prize (up to five)</td>
<td></td>
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</tbody>
</table>

Prizes are non-transferable. No prize substitutions or cash redemptions allowed. Except where prohibited by law, all federal, state, or other tax liabilities and withholdings are the responsibility of the prize winners and Amazon will not be responsible for any tax deductions or withholdings which may be necessary. In the event a Team is deemed a prize winner, the Captain of such Team will be solely responsible for dividing the applicable equally amongst all team members. Prize winners are responsible for any costs and expenses associated with prize acceptance and use not specified herein as being provided. Designation as a prize winner is subject to the Team’s proof of compliance with these Official Rules, maintaining compliance with these Official Rules and approval by Amazon. All details of the Challenge prizes not specified herein shall be determined solely by Amazon.

PRIVACY: Each Team acknowledges and agrees that Amazon may collect, store, share and otherwise use personally identifiable information provided during the registration process and the Challenge, including, but not limited to, name, mailing address, phone number, and email address. All information collected is subject to and will be used in accordance with Amazon’s Privacy Policy (http://www.amazon.com/gp/help/customer/display.html?nodeId=468496), including for administering the Challenge and verifying Team members’ identity, address and telephone number in the event an entry qualifies for a prize. Entries that do not comply with these Official Rules, as determined in Amazon’s sole discretion, may be disqualified from the Challenge.

By entering the Challenge, each Team represents and warrants that (i) it has obtained all of the rights, licenses, and permissions in writing from any person who may have helped create the Robot and Storage System and such persons must be listed as a Team member of the applicable Team and (ii) to the extent the Robot or Storage System submitted by such Team employs any intellectual property owned by a third party, such Team has obtained all necessary rights, licenses and permissions from such third party to use such intellectual property, which right to use includes the Team’s participation in the Challenge. Teams MAY NOT submit Robots created by any person other than themselves or their Team members. Decisions of Amazon and the Challenge Entities are final and binding.

INDEMNIFICATION AND ACKNOWLEDGMENT: The Challenge Entities reserve the right, in their sole discretion, to disqualify any individual found tampering with the entry process or entry materials or otherwise interfering with the proper administration of the Challenge or violating these Official Rules.

EACH TEAM MEMBER ACCEPTS THE CONDITIONS STATED IN THESE OFFICIAL RULES, AGREES TO BE BOUND BY THE DECISIONS OF AMAZON, WARRANTS THAT HE OR SHE IS ELIGIBLE TO PARTICIPATE IN THIS CHALLENGE, AND AGREES TO RELEASE, INDEMNIFY, AND HOLD HARMLESS THE CHALLENGE ENTITIES AND EACH OF THEIR PARENT COMPANIES, DIVISIONS, SUBSIDIARIES, AFFILIATES, ADVERTISING, PROMOTION, AND PUBLIC RELATIONS AGENCIES, AND THE RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, REPRESENTATIVES, AND AGENCIES OF EACH FROM AND AGAINST ANY AND ALL CLAIMS, LOSSES, LIABILITY, AND DAMAGES OF ANY KIND, (INCLUDING REASONABLE ATTORNEYS’ FEES AND EXPENSES) ASSERTED AGAINST ANY OF THEM, INCURRED, SUSTAINED, OR ARISING IN CONNECTION WITH THE USE, ACCEPTANCE, OR MISUSE OF THE PRIZE OR WHILE PREPARING FOR, PARTICIPATING IN, AND/OR TRAVELING TO OR FROM ANY CHALLENGE-RELATED ACTIVITY, INCLUDING, WITHOUT LIMITATION, ANY INJURY, DAMAGE, DEATH, LOSS, OR ACCIDENT TO
Each Team member hereby acknowledges and agrees that the relationship between themselves and the Challenge Entities is not a confidential, fiduciary, or other special relationship, and that the Team member's decision to provide the entry to Amazon for purposes of the Challenge does not place the Challenge Entities in a position that is any different from the position held by members of the general public with regard to elements of the entry, other than as set forth in these Official Rules. Each Team member understands and acknowledges that the Challenge Entities are in the business of creating and developing technology relating to Robots and have wide access to technology, designs, and other materials, and that new ideas are constantly being submitted to it or being developed by their own employees. Each Team member also acknowledges that many ideas or stories may be competitive with, similar to, or identical to the Robot submission and/or each other in theme, idea, format, or other respects. Each Team member acknowledges and agrees that such Team member will not be entitled to any compensation as a result of Challenge Entities' use of any such similar or identical material that has or may come to Challenge Entities, or any of them, from other sources. Teams acknowledge that other Teams may have created ideas and concepts contained in their Robot design that may have familiarities or similarities to their Robot design, and that they will not be entitled to any compensation or right to negotiate with the Challenge Entities because of these familiarities or similarities.

INTERNET: Team members further agree that the Challenge Entities and any of their respective parents, subsidiaries, affiliates, and each of their respective officers, directors, shareholders, agents and employees, and any Internet access providers are not responsible for the following: (a) electronic transmissions, Robots or entries that are lost, late, stolen, incomplete, damaged, garbled, destroyed, misdirected or not received by Amazon or their agents for any reason; (b) any problems or technical malfunctions, errors, omissions, interruptions, deletions, defects, delays in operation or transmission, communication failures and/or human error that may occur in the transmission, shipping errors or delays, receipt or processing of entries or related materials; or for destruction of or unauthorized access to, or alteration of, entries or related material; (c) failed or unavailable hardware, network, software or telephone transmissions, damage to Team members’ or any person’s computer and/or its contents related to or resulting from participation in this Challenge, or (d) causes that jeopardize the administration, security, fairness, integrity, or proper conduct of this Challenge; (e) any entries submitted in a manner that is not expressly allowed under these Official Rules (all such entries will be disqualified); (f) any printing errors in these Official Rules or in any advertisements or correspondence in connection with this Challenge. Amazon reserve the right, in its sole discretion, to cancel or suspend this Challenge should virus, bugs, fraud, hacking, or other causes corrupt the administration, security, or proper play of the Challenge. In such cases, notice to this effect will be posted on the Challenge Site. If, in Amazon’s opinion, there is any suspected or actual evidence of electronic or non-electronic tampering with any portion of the Challenge or if technical difficulties compromise the integrity of the Challenge, Amazon reserves the right to void suspect entries and/or terminate the Challenge and award the prizes in its sole discretion. In the event of a dispute as to the identity of a Team or Team Member based on an email address, the entry in question may be disqualified subject to Amazon’s discretion.

DISPUTES: Except where prohibited and unless otherwise specified in the Participation Agreement, each Team Member agrees that: (1) any and all disputes, claims and causes of action arising out of or connected with this Challenge or any prize awarded shall be resolved individually, without resort to any form of class action; (2) any and all claims, judgments and awards shall be limited to actual out-of-pocket costs incurred, including costs associated with entering this Challenge, but in no event attorneys’ fees; and (3) under no circumstances will Teams be permitted to obtain awards for, and each Team member hereby waives all
rights to claim, indirect, punitive, incidental and consequential damages and any other damages, other than for actual out-of-pocket expenses, and any and all rights to have damages multiplied or otherwise increased. All issues and questions concerning the construction, validity, interpretation and enforceability of these Official Rules, or the rights and obligations of the entrant and Amazon in connection with the Challenge, shall be governed by, and construed in accordance with, the laws of the State of Washington without giving effect to any choice of law or conflict of law rules (whether of the State of Washington or any other jurisdiction), which would cause the application of the laws of any jurisdiction other than the State of Washington.

The Challenge is sponsored by Amazon Robotics LLC, 300 Riverpark Drive, North Reading, Massachusetts 01864.