



Rules and Regulations

These Rules and Regulations are an attachment to the Competition Guidelines for the Shell Ocean Discovery XPRIZE. All Teams that participate must adhere to these rules for the Round(s) for which they are competing in order to qualify for being selected as a winner of the competition. Failure to adhere to these rules may result in the suspension or disqualification of the Team by the Judging Panel.

Table of Contents

Competition Rounds	2
Judging Criteria	3
Scoring	5
Grand Prize Scoring	5
Mapping Score	5
Features Score	6
Tie-Breaker	6
NOAA Bonus Prize Scoring	6
Environmental and Safety Regulations	7
NOAA Bonus Prize	7
Physical Requirements of Entry	8
Supporting Documentation for Entry	9
Summary Information Presentation for Team and Judges Summit	10
Entry Submission Documents	10
Criteria for Evaluation of Entry Submission Forms	11
Entry Submission Document Details	11
Modifications to Entry	13
Field Test Procedures	13
Physical Presence of Teams	14
Intellectual Property (IP) and Public Data Availability During Competition	14

Competition Rounds

The Competition will occur in two (2) Rounds. Each Round will take place in a Competition Area designated by XPRIZE. The Competition Area will be provided to registered Teams prior to each Round. Points will be awarded to Teams in both Rounds. The Judging Panel will determine the Entries that proceed through each Round of the competition. Round 1, the Qualifying Round, has two parts: (a) Submission of Technical Documentation describing the Entry; and, (b) Field Test. Round 2 consists of a Field Test.

All registered Teams will participate in Round 1 Submission of Technical Documentation; up to 25 Teams will be chosen by the Judging Panel, based on the Submission of Technical Documentation, to participate in the Round 1 Field Test; and, up to 10 Finalist Teams will participate in Round 2. Points will be given to Teams for the Field Tests. The Round 1 Field Tests will determine the winners of the Milestone Prize. Round 2 Field Tests will determine the winners of the Grand Prize.

The NOAA Bonus Prize will consist of an Innovation Test during Round 1 Field Test, and the Competition Test during Round 2 Field Test. XPRIZE recognizes the dual value of providing: (1) access to Test Locations for Teams; and, (2) an independent evaluation of technology. Therefore, the Round 1 Innovation Test will be open to Teams from any nation to test, evaluate, and advance their biological and chemical tracking. Up to 25 Teams with the most promising technologies will be selected by the Judging Panel to participate in the Round 1 Innovation Test. Only U.S. Teams will be eligible for the Round 2 Competition Test during which the winner of the NOAA Bonus Prize will be determined. Details on eligibility for the Round 2 Competition Test are provided in the Guidelines and Competitors Agreement. All Teams who opt to compete for the NOAA Bonus Prize will provide Technical Documentation to describe their approach as part of Round 1 Submission of Technical Documentation.

A detailed Competition Calendar is given in Table 1(a-c). Note: Dates and locations are subject to change pursuant to the Competitors Agreement.

Table 1: Detailed Competition Calendar

Table 1a: Competition Launch and Round 1: Qualifying Round

14 December 2015	Launch (San Francisco)
14 December 2016	Intent to Compete Opens
27 April 2016	Registration formally Opens
30 June 2016	Regular Registration Closes
18 July 2016	Virtual Team Summit (online)
30 September 2016	Late Registration Closes and Round 1 Begins
5 October 2016	Virtual Team Summit (online)
14-17 November 2016	Team and Judges Summit
15 December 2016	Entry Submission Documents Deadline
17 January 2017	Virtual Judges Summit
8 February 2017	Round 1 eligible Teams Announced no later than this date

Table 1b: Round 1: Field Test

12 April 2017	Virtual Team Summit
29 May 2017	Round 1 Test Teams Entry Submission Documents update
August 2017	Round 1 Field Test
September 2017	Round 1 Field Test
September 2017	Team and Judges Summits
November 2017	Round 1 Test Results Announced
December 2017	Milestone Prize Awards

Table 1c: Round 2 and Competition Conclusion

December 2017	Round 2 Begins
April 2018	Virtual Team Summit
May 2018	Round 2 Test Teams Entry Submission Documents update
September 2018	Round 2 Field Test
December 2018	Round 2 Results Announced and Final Awards Ceremony

Judging Criteria

Entries will be evaluated based on the following criteria (for more information, see Table 2):

- A. **AREA MAPPED:** Describes the bathymetric area mapped as a percentage of the overall Competition Area. The map must present an accurate and measurable description and representation of the submerged terrain as described in B. and C. The area mapped represents the most critical way Teams will demonstrate a platform for ocean discovery that is faster and more productive than technologies today
- B. **RESOLUTION:** Describes the horizontal and vertical resolution of the bathymetric map.

- C. BATHYMETRIC MAP ACCURACY: Describes the statistical accuracy to which the bathymetric map produced by Teams compares to the baseline map. This is to determine that Entries map the same bathymetric area as the Baseline map.
- D. DEPTH: Describes the depth at which the Entry operates in the Competition Area. To prove their technologies can operate at a specific depth, Teams will be required to find and image an object at a known depth specified by XPRIZE.
- E. ADDITIONAL FEATURES: Describes the features of the ocean environment that the Entry images. There are no specific restrictions on the format of eligible image types. The intent of the imagery is to be inspirational and Judges will score all images with this intent and so that any particular feature can be visually identified by the general public as that feature.
- F. CHEMICAL/BIOLOGICAL SIGNAL: Describes the known chemical or biological signal(s) that the Entries will detect and trace to the source for the NOAA Bonus Prize.

Table 2. Percentage of Points and Minimum Standards for Each Round

Judging Criteria	Round 1		Round 2	
	Percentage of Total Points	Minimum Requirement	Percentage of Total Points	Minimum Requirement
Area Mapped	50%	20% of Total Competition Area (100 km ² of total 500 km ²)	50%	50% of Total Competition Area (250 km ² of total 500 km ²)
Resolution	17%	5.0 m horizontal 0.5 m vertical	17%	5.0 m horizontal 0.5 m vertical
Bathymetric Map Accuracy	—	Pass/Fail vs Statistical Accuracy relative to Baseline Map	—	Pass/Fail vs Statistical Accuracy relative to Baseline Map
Depth	—	Find and image 1 specified object at 2,000 m depth	—	Find and image 1 specified object at 4,000 m depth
Additional Features	33%	Identify and image 5 archeological, biological, and/or geological features at any depth	33%	Identify and image 10 archeological, biological, and/or geological features at any depth
TOTAL	100%		100%	
Chemical or Biological Signal	—	—	—	Pass/Fail vs. Detection of Signal and Location of Known Feature

There are “**Minimum Requirement**” for each criterion that each Entry must meet to be eligible to compete for each Round. Minimum Requirements differ between the two Rounds and are detailed in Table 2. Entries not meeting Minimum Requirements during any Round will not be eligible for advancement in the Competition. Judging will utilize scoring procedures as detailed below.

Scoring

Grand Prize Scoring

Entries that achieve or exceed all Minimum Requirements in Table 2 will receive a score. The total score for the Grand Prize will be comprised of two components:

- Mapping Score (weighted as two-thirds of the score); and
- Features Score (weighted as one-third of the score).

The intent of this Scoring methodology is to incentivize Teams to demonstrate a truly multi-functional platform for ocean exploration. Teams best positioned to win will maximize performance on both mapping and identifying and imaging significant features of the ocean environment. As such, a Team that maps a large area but only poorly identifies a minimal number of features is unlikely to win. Similarly, a Team that only maps a minimal area but identifies a very large number of features at high-quality is also unlikely to win.

Mapping Score

Entries will receive a Mapping Score based on the bathymetric map submitted. The Mapping Score will reflect two factors: Area Mapped and Resolution. The best possible Mapping Score is 200 points. The score for Area Mapped has a maximum of 150 points while the score for Resolution has a maximum of 50 points. The Mapping Score is equal to the combined Area Mapped score and the Resolution score.

Area Mapped: Entries that achieve or exceed the “Minimum Requirement” will be awarded points. Teams will earn additional points by mapping a larger portion of the Competition Area. The Area Mapped score will be based on the total area mapped by a Team versus the entire Competition Area. Mapping all 500 km² will result in the maximum Area Mapped score.

Resolution: Entries that achieve or exceed the “Minimum Requirement” will be awarded points. Teams will receive points for improved resolution over the Minimum Requirement. Maximum points will be awarded for resolution matching the XPRIZE baseline map’s highest

resolution. The highest resolution will be provided to competing registered Teams prior to the Field Test and may change between Round 1 and Round 2.

Bathymetric Map Accuracy: Entries will be judged as pass/fail and will not be given points for Bathymetric Map Accuracy. Pass/fail will be determined as Statistical Accuracy relative to Baseline Map by the Judging Panel.

Depth: Entries will be judged as pass/fail and will not be given points for Depth. Judges will compare the Team provided image of the XPRIZE specified feature at depth to known images and description of that feature. If the Judges determine that the image is a match the Team will pass.

Features Score

Entries will receive a Features Score based on the quality of unique images submitted.

Additional Features: Teams may only submit one image for each feature. Teams may submit up to 50 images for judging. In both Rounds the best possible Features Score is 100 points. Points will be allocated to each image based on three sub-criteria: (1) Technical Merit of the image, including the image type (2) Public Impact of the image and (3) Professional Impact of the image. Technical Merit will be awarded for the technical aspects and type of image (for example photo, video, 3D, VR etc.). Public Impact will be awarded based on the response the general public would have when viewing such an image, including the difficulty of producing an image, the rare (or new) quality of the subject matter, and the inspirational quality of the image. Professional Impact will be awarded for the scientific or archeological impact that the image has. In Round 1, the Judges will pick the 5 highest scoring images provided by the Team to determine the Features Score. In Round 2, the Judges will pick the 10 highest scoring images provided by the Team to determine the Features Score.

Tie-Breaker

In the event of a tie-breaker, Judges will score the speed of completion of these tasks to determine the winner.

NOAA Bonus Prize Scoring

All Teams that participate in the NOAA Bonus Prize will receive feedback from the Judging Panel following the Round 1 Innovation Test. All eligible Teams that compete in Round 2 will receive a score provided the Entry can detect a signal and locate a source. The feedback (Round 1) and the total score (Round 2) for the Bonus Prize will be based on two components:

- Detection of Signals (weighted as one-quarter of the score); and
- Location of Sources (weighted as three-quarters of the score).

The intent of this scoring methodology is to incentivize autonomous search capabilities.

Entries that achieve or exceed all Minimum Requirements in Table 2 will receive a score. The best possible Bonus Prize Score is 100 points. The score for Detection of Signals has a maximum of 25 points while the score for Location of Sources has a maximum of 75 points. Multiple sources of each signal will be in the vicinity of the Competition Area and Teams will receive a higher score for each source identified.

Environmental and Safety Regulations

Health safety and environment (HSE) are fundamental concerns in marine operations. Teams will:

- Comply with all existing environmental, health and safety regulations in the entire Competition Area including launch site and transit region
- Design their systems to avoid impact on marine life
- NOT use nuclear reactor power sources or allow any emissions of chemical or biological pollutants
- NOT influence or harm marine life in any way
- Recover all equipment deployed within the Competition Area
- Research and obtain any necessary permits for operation in the Competition Area
- Document their approach to health safety and environmental compliance

XPRIZE will have the final decision on all HSE factors and reserve the right to disqualify any Entry, or deny any action, that is determined to be an undue risk.

XPRIZE will make all determinations on safe and acceptable weather conditions for competition operations.

XPRIZE encourages and will seek to recognize innovations in technology that reduce HSE risk in marine operations.

NOAA Bonus Prize

The NOAA Bonus Prize is intended to encourage the autonomous detection of underwater sources of biological or chemical signals. There will be numerous known sources of a chemical or biological signal within the Test Area, which will be in the vicinity of the Competition Area. Teams will not know the location of the sources. Teams must detect the sources by providing data analyzing the signals and tracking the signal

to from detection to the location of the sources, including providing a map of the area around the sources.

The known sources will include: Rhodamine Dye, Sulphur, Salt, Sodium Hydroxide, Hydrochloric Acid. Teams may opt to identify one type of signal and locate the sources of that signal, or Teams may opt to locate numerous signals and sources. The approach should be clearly presented in the Entry Submission Documents (see below).

Teams from any country who opt to participate in the Round 1 Innovation Test must include information on their Entry as described in the Entry Submission Documents below. Eligible Teams who are competing for the NOAA Bonus Prize in Round 2 must submit information on their Entry in the Entry Submission Documents prior to Round 2 Field Test.

Physical Requirements of Entry

Entry Components: Describes all systems of a Competition Entry that enter the Competition Area or are required to deploy and operate the Entry. Laptop computers, tablets, or similar devices are not considered to be Entry Components. Communications infrastructure provided by commercial third parties, such as iridium satellites, cellular service towers, or Google Loons are not considered to be Entry Components. Any such third party system employed must be fully compliant with all safety and environmental requirements. Prior to the Field Tests, Teams will be required to submit a list of all systems of a Competition Entry to the Judging Panel.

Size and Weight: Points will be deducted for Entries that do not meet the size and weight requirements as detailed below.

The maximum size for any Entry will be such that all Entry Components will fit into a single International Standards Organization (ISO) Intermodal shipping container of 2.44 m (8 feet) wide by 2.59 m (8 feet 6 inches) high, and 12.19 m (40 feet) long. The maximum weight for any Entry Unit will be 27,000 kg.

Teams that exceed the single container requirement must document their rationale. Entries that do not fit within a single intermodal container may be considered for competition at a significant point penalty, with up to 80% reduction in Total Score for a second 40ft container, at the Judges specification and discretion. Teams will be disqualified for using more than two containers.

Power: Operation and maintenance of all Entries must be fully powered by an on-board power source. The power source (e.g. batteries) may be a separate Entry Component from the data-collection components of the Entry, however all Entry Components collectively must abide by the size and weight requirements above. Power sources must be compliant with all environmental and safety requirements. The power source may be externally re-charged

provided that no humans are involved in re-charging activities within the Competition Area. The clock will not be stopped if the Entry leaves the Competition Area for any reason, including returning to shore to refill or recharge a power source.

If needed for pre-testing checks and set-up, power supplied at the Shore-based Facilities will be the standard in accordance with the country unless otherwise stated. Teams will be notified in advance of the power supply voltage. If necessary, Teams must supply their own transformers.

Data Storage and Transmission: Data storage may be on board and downloaded once the Entry has been recovered, or it may be transmitted to shore from the Competition Area or as the Entry is transiting back to shore. Each Team will have up to 48 hours following their data gathering for Data Processing and delivering their Results to XPRIZE.

Biofouling: Entries will be permitted to utilize anti-biofouling measures compatible with international, country, and local environmental and safety regulations.

Deployment: Teams must specify their deployment plans in their Entry Submission Documentation. XPRIZE will provide a crane capable of lifting the 40 ft shipping container. That crane, subject to safety and Judge's discretion, may be available to support Entry deployment. Teams must provide all necessary carts, cradles, trailers, rigging or components other than the crane to support their deployment plan. Team members may not leave the shore; small boats, kayaks or other human occupied vessels are not allowed for deployment.

Retrieval: Teams must specify their retrieval plans in their Entry Submission Documentation. XPRIZE will provide a crane capable of lifting the container onto a transit trailer. That crane, subject to safety and Judge's discretion, may be available to support Entry retrieval. Entries must provide all necessary carts, cradles, trailers, rigging and/or components other than the crane to support their retrieval plan. Team members may not leave the shore, small boats, kayaks or other human occupied vessels are not allowed for retrieval. In the event of an accidental loss at sea requiring retrieval using a human-operated vessel, a Team's overall score will be reduced by 20% percent. Inability to retrieval the vessel within a reasonable timeframe will be penalized by the Judges at their discretion. Unless otherwise stated, Teams will be responsible for retrieval of any vehicle lost at sea.

Supporting Documentation for Entry

Each separate Entry must be accompanied by an Entry Submission Document. Additionally, a Presentation of Summary Information will be required for the Team and Judges Summit in November 2016. Details of the Presentation and Entry Submission Document are below. Further instructions on the submission of the Presentation and Entry Submission Document will be forthcoming.

Summary Information Presentation for Team and Judges Summit

A Team and Judges Summit will be held in November 2016 (date is subject to change). This is an opportunity for Teams to discuss their Entries with the Judges prior to the Entry Submission Document deadline. The intent is for Judges to learn about the Teams and Entries, and for the Teams to meet the Judges and get initial feedback. Teams will also have an opportunity to meet each other.

Teams should prepare a short presentation discussing their technical approach, Team composition and background, budget overview, and timeline for developing the Entry Components. This presentation should capture the fundamental reasons why your Team will be competitive. This is your chance to persuade the Judges that you will be able to deliver a compelling and innovative Entry that will within the constraints of the competition and will excel in the criteria of the Competition.

XPRIZE will provide Teams with details of the Team and Judges Summit location and further information on presentation length and format closer to the time.

Entry Submission Documents

All registered Teams must complete and submit an Entry Submission Document. Entry Submission Documents will be updated throughout the competition and will be required for review by the Judges by the Entry Submission Document Deadlines in the Competition Calendar.

Prior to Round 1 Field Tests, Judges will score each Entry based on the Entry Submission Document, and use those scores in the evaluation and selection of up to 25 Teams to advance to Round 1 Field Tests.

Each Entry Submission Document will provide detailed information to the Judging Panel regarding the Entry and will be used by the Judges: (i) to determine whether not the Entry is likely to satisfy the Minimum Requirements; (ii) to gain a general understanding of the Entry for use in determining and preparing for the technical requirements of testing and judging during the Competition; and (iii) to determine the viability of the total effort for producing the Entry within the constraints of the competition. Teams are encouraged to submit their Entry Submission Documents as early as possible after Registration. Such Entry Submission Documents may be modified by the Team at any time prior to the Entry Document Submission Deadline. The deadline for final submission of Entry Submission Documents is listed in the Competition Calendar.

Criteria for Evaluation of Entry Submission Forms

Any Entry that clearly fails to satisfy the Minimum Requirements for competing in Round 1 Field Tests, based on the evaluation of the Entry Submission Document by the Judging Panel, will not be eligible to compete in Round 1 Field Tests. The burden rests entirely on the Team to present a compelling case for its Entry to the Judging Panel within the parameters of the Entry Submission Document.

Teams are encouraged to consider the following principles when completing their Entry Submission Document; submissions should be:

- Clear: Documentation will be needed to prove and validate the feasibility of the Entry. Relevance rather than volume of information will be rewarded;
- Concise: Presentation of all information submitted creates a logical, succinct case for the Entry; and
- Convincing: The Entry derives a solid, convincing conclusion for its significance in advancing the field of ocean exploration and discovery.

Judges will focus first and foremost on the quality of technical ideas and potential for success. A well-organized and well-written Entry Submission Document is the best way to ensure that judges to evaluate your proposed technology, but this is not a writing competition.

Entry Submission Document Details

Each Entry Submission Document should not exceed 15 pages (not including supplemental tables, diagrams, videos etc.) unless a Team has opted to compete for the NOAA Bonus Prize. Use 2.54 cm (1 inch) page margins throughout, 10-pt font or larger for body text, and single line spacing. Each Entry Submission Document should include accurate and detailed information regarding the Entry in each of the following areas:

- Technology Plan (11 pages max.): Provide a general overview of the Entry and its potential ocean exploration and discovery applications. This plan should consist of two parts:
 - Technical Approach: Provide a technical description of the proposed solution, including any necessary diagrams, supporting photos etc. Contents should provide a clear description of the innovative nature of this technical approach and the manner in which it can be used for ocean exploration and discovery. This section should also include an assessment of the overall cost and schedule of manufacturing the Entry. This should include a description of how the Entry can be fielded within the competition schedule and be developed and deployed within the fiscal constraints of the Team.

- Operations Plan: Provide a plan for how the Entry will be operated during the course of the Competition. Specifically describe the method for deployment, in situ operations, data management and retrieval. Include discussion of the following:
 - Entry Shipping/Deployment/Retrieval Plan: Include specific shipping, deployment and retrieval instructions, if any, including the size and weight of all Entry Components. Please include details on Entry requirements: (a) prior to deployment; (b) during deployment; and (c) retrieval of all Entry Components. Also include information on the source of Power used to operate all Entry Components. This information will also be used by the operations Team, facility operations personnel, and competition Team personnel.
 - Data and Communications: Provide information on data and communication. For example, this may include information on the method for data retrieval, communications protocol, processing capabilities, and real-time capabilities. Please identify all sources of electrical, radio, optical and acoustic emissions, including frequencies used.
 - Safety and Environment: XPRIZE will provide a Safety and Environment Questionnaire to registered Teams in which Teams will provide a detailed explanation as to how their Entry is in compliance with both best practices and regulatory requirements. Teams should provide copies of: permit applications, permits received, risk management plans, material safety data sheets, environmental impact assessments, or other pertinent documentation. Include information on any anti-biofouling measures used. Judges reserve the right to disqualify any Entry that is non-compliant with safety and environmental requirements.
- Estimates for Technical Competition Criteria (2 pages max.): Provide estimated performance measurements with regard to the Judging Criteria listed above, as follows:
 - Area Mapped: how much area will your Entry cover within the time limits
 - Resolution: what resolution will your mapping system provide
 - Depth: what is the depth rating of your system and any critical sub-components
 - Additional Features: how will your system collect images of the additional features
- Team Biographies (2 pages max.): Team must provide a short (one paragraph) biographical description of each Team Member and a listing of funding partners, sponsors, suppliers, and formal collaborators connected with the Team.
- NOAA Bonus Prize Documentation (4 pages max.): Teams who opt to compete for the NOAA Bonus Prize must provide a Technology Plan for the Judges and XPRIZE

operations. In addition to details outlined for the Entry Submission Document Technology Plan above, Teams should include the chemical/biological signal(s) they are intending to detect and a brief description of their tracking approach.

- **Supplemental Material:** Teams may include supplemental material such as tables, images, figures, information, or videos for the Judging Panel. However, all relevant information should be in the main body of your submission. XPRIZE cannot guarantee that any Supplemental Material will be taken into account in evaluating your submission.

The format laid out here is a suggestion only; customize the sections and organization to best suit your submission, if necessary. Judges will value quality and clear communication over quantity and verbosity.

The contents of each Entry Submission Document will remain private and confidential, as described in the Competitor Agreement.

Modifications to Entry

Throughout the competition, except for the duration of the Field Tests, Teams are welcome to continue to develop, iterate, and adapt their Entries. Judges will approve all Entries participating in the Field Tests shortly prior to commencement of Field Tests.

During the Field Tests, Teams will have limited preparation time prior to their first deployment. During this time Teams will unload their Entries from the shipping container and have access to a pre-assigned workspace and a section of ocean designated as a practice area. Once Entries arrive on site for Field Tests substantial modifications are not allowed. Minor modifications required to prepare for deployment will be allowed on site. XPRIZE will inform Teams of the preparation time schedule.

Once the Entry has been deployed and reaches the Competition Area, the clock will start. The clock will not be stopped if the Entry leaves the Competition Area for any reason, including returning to shore to refill or recharge a power source. No modifications other than recharging the power source will be permitted during this active deployment time.

Field Test Procedures

Up to 25 Teams will participate in Round 1 Field Test. Winners of the Milestone Prize will be determined during Round 1. Up to top 10 Finalist Teams will participate in Round 2 Field Tests. Winners of the Shell Ocean Discovery XPRIZE Grand Prize and the NOAA Bonus Prize will be determined during Round 2.

The locations to be used for Round 1 and Round 2 Field Test are being identified and

finalized. Information on transit distance and time limit from launch site to the Competition Area and the specific Field Test calendar and schedule will be forthcoming as locations are confirmed. The general location for each Round will be announced in advance of the Field Test for that Round, so that Teams may make travel arrangements. The Competition Area location will be provided to registered and eligible Teams prior to the Field Test. The Competition Area will be close to a shore location with a designated starting line from which Teams will deploy their technologies.

XPRIZE will provide ongoing communications to Teams to ensure maximum logistic information is available as early as possible.

Physical Presence of Teams

At least one member of the Team is required to be present at the following times/locations. Days in parenthesis are given as an estimate for planning purposes.

1. Team and Judges Summit – November 2016 (3 days)
2. If qualifying for Round 1 Field Test (7 days)
3. Team Summit in 2017 (2 days)
4. If qualifying for Round 2 Field Test (7 days)
5. Entire Team of all Finalists present at the Award Ceremony (2 days)

Intellectual Property (IP) and Public Data Availability During Competition

The IP and Entries remain the property of the Teams. Details about IP rights are in the Competitor Agreement.

The only information that will be disclosed publicly (on the Team Portal, on the XPRIZE website, or otherwise) in connection with the Shell Ocean Discovery XPRIZE will be:

1. Bathymetric Maps submitted by Teams for Judging.
2. Images submitted by Teams for Judging.
3. Summary results and related point scores

It is the intent of XPRIZE that none of the disclosed information will amount to a public disclosure of patentable technology under applicable law, as detailed in the Competitor Agreement. With regard to detailed information that Teams will provide to XPRIZE as part of judging the competition, that information will only be shared with XPRIZE employees and contractors and with technicians and judges involved in administering and/or judging the competition on a need-to-know basis. All such persons will be under nondisclosure agreements with XPRIZE, similar to the nondisclosure terms and conditions between XPRIZE

3 June, 2016

and the Team. In addition to being used for judging, data from each Entry will be provided only to the Team who owns the Entry. This will occur at the conclusion of the competition, unless otherwise noted. Therefore, these disclosures should not amount to a public disclosure under applicable patent law. Teams will not have any other access to non-public information about other Teams or their technology or performance during the competition.