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## Formula 18 Class



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## Proposal to Host 2012 World Championship

ALAMITOS BAY YACHT CLUB

*[HTTP://WWW.ABYC.ORG](http://www.abyc.org)*

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## INTRODUCTION

The Alamitos Bay Yacht Club (hereinafter ABYC) submits this proposal to host and conduct the Formula 18 Class World Championship in September 2012.

In making this proposal it is the expectation and intention of the proposers that the World Championship and any pre-Championship events would be conducted at the ABYC venue. Experienced ABYC race management personnel, including many of the Race Committee personnel who ran the recently-concluded North American Formula 18 Championship (Figure 1 - 2009 North American Formula 18 Championship at ABYC) and the 2006 International 14 World Championship (Figure 6 – International 14 World Championship at ABYC) will be available to staff these events.

As a condition to this proposal, ABYC requests that the International Formula 18 Class Association appoint a liaison who can answer questions and who can work with the ABYC organizing committee to ensure that concerns which are of special interest to the Formula 18 Class will be incorporated into the early planning for the regatta.



Figure 1 - 2009 North American Formula 18 Championship at ABYC

## PROPOSAL

This is a proposal by ABYC to host and conduct the Formula 18 Class World Championship in September 2012.

Each year ABYC runs several major regattas; most recently they have included the 2009 North American F18 Championship, the 2008 United States Sailing Olympic Team Selection Trials for the 470 and RS-X Board, and the International 14' Dinghy World Championship. Each of these regattas was accommodated at the ABYC venue. As a result we believe we can more than adequately staff the regatta and can physically accommodate the number of boats that would be expected at the Championships.



Figure 2 - ABYC Olympic Classes Regatta Finn Class

## EXPERIENCE

### Overview

ABYC has many years of experience in producing regattas for national and international level sailors. The list below outlines some of the Regional, National, North American and World Championships held at ABYC plus the Club's involvement with Olympic racing. The Club, as a whole, has an understanding and a strong involvement with those sailors who campaign at an international level. Our members span generations of Olympic sailors from Charles Kober, Sid Exley and Mike Schoettle on through John Shadden, Pete Melvin, Pease and Jay Glaser, Allison Jolly and Kevin Taugher. ABYC considers race management to be one of the most significant and important areas of its organization and long-ago created a Race Management Committee to oversee the sailing portion of its regattas. The Committee concerns itself with the notice of race and sailing instructions, the training of principal race officers, chase boat operators and mark setters, scorers, timers as well as all other race committee personnel for all ABYC regattas. We consider good race management to be as important in a small club regatta as we do a major regatta. In addition, the Committee works with members of the Club to develop the computer skills needed to use Regatta Management Software to post results prior to the sailors' arrival ashore from each days racing and on ABYC's web site <http://www.abyc.org>.

Listed on the following pages are some of the major regattas that ABYC has run in the recent past.

### Previous Major Regattas

#### Olympic Regattas

2007	US Olympic Trials, 470 and RS-X Board
2000	West Coast Laser Olympic Qualifier
2000	Canadian Olympic Trials, Star, Finn and Europe
2000	US Trials Qualifier, Laser
1996	Canadian Olympic Trials, Star, Finn and Europe
1996	Laser Midwinter's West, U.S. Olympic Trials Qualifier
1992	Hosted US Sailing Team for final training prior to Barcelona Olympic Games
1992	Canadian Olympic Trials, 470
1991	US Olympic Festival, Sailing Venue
1988	Hosted US Sailing Team for final training prior to Seoul Olympic Games
1984	Olympic Games, Tornado and Flying Dutchman
1984	US Olympic Trials, Star and Soling
1981-3	Los Angeles Olympic Games, Pre Olympic Regattas
1964	US Olympic Trials, Dragon

#### World Championships

2006	International 14 World Championships.
2002	Snipe Western Hemisphere and Orient Championships
1999	Melges 24 World Championships.
1997	International A Class Catamaran World Championships.
1993	Tornado Catamaran World Championships
1991	IYRU World Women's Championships
1981	Snipe World Championships
1977	Tornado World Championships
1974	Finn Gold Cup

## North American, National and Regional Championships

2010	Laser U.S. Masters Championship
2010	Schock 35 Class Championship
2009	International 14 North American Championship
2009	North American Formula 18 Championship
2009	U.S. Sailing ISAF Youth World Championship Qualifier
2008	Finn Masters North American Championship
2008	Laser U.S. National Championship
2008	Mercury 18 National Championship
2008	U.S. Sailing ISAF Youth World Championship Qualifier
2008	U.S. Youth Multihull Championship
2007	Snipe Pacific Coast Championship
2007	Coronado 15 National Championship
2007	Club 420 North American Championship
2007	U.S. Sailing ISAF Youth World Championship Qualifier
2007	U.S. Youth Multihull Championship
2006	U.S. Singlehanded Championship
2006	U.S. Youth Multihull Championship
2005	U.S. Multihull Championship (The Hobie Alter Cup)
2005	U.S. Singlehanded Championship
2005	Naples Sabot Senior Nationals
2005	Naples Sabot Junior Nationals
2005	International 14 North American Championship
2005	Finn National Championship
2004	Santana 20 National Championship
2004	Club Flying Junior National Championship
2004	Santana 20 National Championship
2002	International 14 National Championship
2002	Melges 24 Pacific Coast Championship
2001	International A Class Catamaran North American Championships
2001	Naples Sabot Junior Nationals
2000	Shock 35 National Championships
2000	Senior Sabot National Championships
2000	US Sailing Alter Cup Championships
2000	Snipe Pacific Coast Championships
1999	Cal 20 North American Championships
1999	J120 North American Championships
1997	505 North American Championships
1997	Laser Midwinter's West
1996	Melges 24 U.S. National Championship
1996	Laser Midwinter's West
1995	Coronado 15 U.S. National Championships
1995	Cal 20 North American Championships
1995	ICYRA Collegiate National Championships
1992	Snipe U.S. National Championships
1992	Etchells North Americans Championships
1992	USSA Youth Championships
1991	Cal 20 North American Championships
1991	Tornado Catamaran U.S. National Championships
1990	Santana 35 U.S. National Championships
1986	Finn U.S. National Championships
1986	Cal 20 North American Championships
1986	Coronado 15 U.S. National Championships
1985	Coronado 15 U.S. National Championships
1985	Cal 25 U.S. National Championships
1985	I-14 U.S. National Championships
1984	Snipe North Americans Championships
1984	470 U.S. National Championships

- 1982 USYRU O'Day Single Handed Championships
- 1982 ICYRA North American Dinghy Championships
- 1982 ICYRA North American Team Racing Championships
- 1981 Cal 20 North American Championships
- 1981 USYRU Women's Single and Double Handed Championships
- 1975 470 U.S. National Championships
- 1975 Laser U.S. National Championships
- 1974 Finn U.S. National Championships
- 1974 Laser U.S. National Championships

Awards

- 2000 US Sailing One Design Regatta Award
- 1996 SCYA One Design Award
- 1989 USYRU One Design Yacht Club of the Year
- 1981 St. Petersburg Trophy, excellence in Race Management
- 1968 St. Petersburg Trophy, excellence in Race Management

U.S. Team Members

A number of members have participated in the Olympic Games and many other members have campaigned boats for the Games.

2000	Pease Glaser	470 Women	Silver Medal
1992	Mike Schoettle	U.S. Team Leader	
1988	Alison Jolly	470 Women	Gold Medal
1988	John Shadden	470 Men	Bronze Medal
1988	Pete Melvin	Tornado	
1984	Jay Glaser	Tornado	Silver Medal
1972	Charles Kober	U.S. Team Leader	
1972	Mike Schoettle	Tempest (Alternate)	
1968	Sidney Exley	Olympic Team (Coach) Dragon	
1960	Charles Kober	Dragon (Alternate)	
1952	Mike Schoettle	5.5 Meter (Alternate)	Gold Medal
1932	John Biby	8 Meter	Gold Medal



Figure 3 - Cal 20 Class Championship at ABYC

## RESOURCES

### Overview

ABYC is located in Long Beach, California in an area known locally as the Peninsula. ABYC is at the southeastern end of the Peninsula, providing easy access to one of the best sailing areas in the World.

### Alamitos Bay Yacht Club Facilities

#### Clubhouse

ABYC's clubhouse (Figure 4 – ABYC Clubhouse) is a large two-story building. The main deck of the clubhouse is capable of holding over 400 people, with additional space available in the quarterdeck and the patio. The dance floor is suitable for sail measuring and has been used for this purpose many times in the past.

The quarterdeck has a suite of rooms that are dedicated to race management; a jury secretary's room, computer scoring room, plus two protest rooms. The protest rooms are augmented with additional rooms in other parts of the club if needed.



Figure 4 – ABYC Clubhouse

#### Parking

The club has approximately 40 parking spaces on its own grounds. Additionally, adjacent to the facility are municipal parking lots which respectively hold 44 and 100 vehicles and street parking is also available. This parking has proved adequate for all but our very largest regattas (250+ boats) when we have both water and van shuttles to other close-by-parking areas.

## Dry Storage

Dry storage is available in the club's boat yard, 190 Lasers were stored in the yard for Laser Midwinter's West. During very large regattas, we hire a security guard and accommodate boats on the beach adjacent to the club. We have stored 60 Tornado catamarans on the beach during their World Championships.

## Wet Storage

A protected basin with long docks and thirty slips is available. It annually accommodates in excess of two hundred and fifty boats for our Turkey Day regatta and accommodated 60 Melges for their World Championships.

## Hoists and Ramp

The boat yard has two hoists and a ramp for launching boats. The hoists have rated capacities of 3,000lb and 5,000lb. The launching ramp is 22ft wide. These and adjacent areas are available for hull measurement. A third hoist is available at the United States Sailing Center West, which is only a half-mile away.

## Racing Equipment

ABYC owns two race committee boats and twelve whalers, any or all of which could be used to run this World Championship. When necessary club members are willing to loan their boats.

ABYC has ten (10) inflatable tetrahedron marks, a similar number of cylinder style marks. We design and construct our own whip marks, so essentially have an unlimited supply of this type of mark available.

We feel we have sufficient equipment available to run the World Championship.

## Sailing Venue

The proposed sailing areas are outside the Long Beach Federal Breakwater where we have conducted numerous other World and Olympic events, and inside the Breakwater in the protected waters of the Inner Harbor where a portion of the 2009 North American F18 Championship was sailed. A tow is not required to reach either of these courses.

Several other different sailing venues, offering a variety of wind and sea conditions, are within easy sailing distance of ABYC and also do not require a tow. If you wish to provide a variety of different sailing conditions, we believe that the sailing waters around ABYC are unmatched.

Sailing conditions at Long Beach are dominated by the thermal sea breeze during the summer months. A variety of different influences can occur in this time frame, including Santa Ana winds (hot desert wind), depressions from the Gulf of Alaska and Mexican storms.

## Ocean Course

The ocean course area is located off Bolsa Chica State Beach, so the water is generally shallower than on some of the other outside courses. The Stars and Solings used this location during the 1984 Los Angeles Games, and it was referred to as Alpha Course. This is where we run the majority of our major regattas including the International 14, Snipe, Melges 24, International A Class Catamaran and Tornado World Championships. For the 2009 North American F18 Championship, about half the races were conducted here in order to give the fleet an open-ocean course experience.

## Harbor Course

The harbor course is located inside the Long Beach Federal Breakwater, so the water is generally flatter with fewer waves. This is ABYC's club event racing area, and was used for about half of the racing in the 2009 North American F18 Championship to give the fleet the experience of racing in flatter water with good breeze.



Figure 5 - ISAF Youth World US Qualifier at ABYC

## Weather

### Wind Speed and Direction

Sailing conditions offshore at Long Beach have a number of influences. The two major influences are the thermal sea breeze and the Catalina eddy. The thermal sea breezes are southwesterly with speeds of 10 to 18 knots in the afternoons, less in the morning. The Catalina eddy gives several days with southeasterly to south winds with speeds in the 6 to 12 knot range. This is most frequent in the spring months. Frontal systems can also occur occasionally, causing medium to strong northwesterly winds. Occasionally hot desert Santa Ana winds, or thunderstorms occur which cause unusual wind speeds and directions.

We propose September of 2012 as the best month to conduct the World Championship. During this period, the thermal sea breeze conditions prevail. The North American F18 Championship was conducted during this period, with around eight knots of breeze for the first race each day, building to a reliable 18 knots for the last race each day. Competitors enjoyed consistent wind direction in a variety of sea-states in both the Ocean and Harbor racing areas with steadily building breeze throughout the day.

## Water Temperature

The California Current, a southerly ocean current provides the major influence on water temperature in Southern California. This cool ocean current will keep the water temperature in the range of 66°f to 72°f during the proposed period of the World Championship.

## Air Temperature

The temperature during the time of the World Championship should be between 75f to 85f.

## Tidal information

Long Beach has a small tidal range of around 5 feet.

## Sailor Support

### Airports

Long Beach is situated within a 30 to 40 minute driving range of three airports: Long Beach, Los Angeles International and Orange County. Flights are available to all U.S. and International destinations and include non-stop flights to the East Coast, Asia and Europe.

### Housing / Accommodations

There is a full price range of hotels within 10 minutes drive of ABYC. The Long Beach Chamber of Commerce provides a full listing of hotels in the Long Beach area. Information can be found on its website. <http://www.visitlongbeach.com/>

### Short and Long Term Boat Storage

Short-term boat storage for sailors engaged in active daily training sessions will be offered at ABYC prior to the regatta. Longer-term storage (i.e. if a sailor trains then goes home for a period of time before returning) is available at a reasonable fee in one of the secure local self-storage locations.

### Chandlers

Long Beach has an active marine trade. There is a West Marine within a five-minute drive. In addition, an event sponsor will be the Sailing Pro Shop with on-site sales of equipment, supplies, parts and multiple-manufacturer items (e.g., foils, masts, etc.). Specialty chandlers are also available in Huntington Beach and Newport Beach. Riggers, including a small boat mast shop are within an easy driving.

### Sail Makers

Glaser Sails is an event sponsor and a long-time supporter of the North American Class. Glaser Sails will be prepared to meet sail repair or replacement needs with their loft in Huntington Beach. In addition, there is an Ullman Sails repair loft in Long Beach, a North Sails repair loft in Huntington Beach and a full production Ullman Sails loft in Newport Beach. One or more of these will also be available to do overnight repairs.

### Other Services

The Peninsula is a two minute drive or ten minute walk from the "Second Street" neighborhood shopping district. There are many different types of restaurants to choose from. In addition, the

street offers a hardware store, banks, Kinko's, bike store, a gym and a variety of other stores and shops.

### Port Facilities

Long Beach/Los Angeles is the largest container port in the U.S. International competitors wishing to ship their boat to Long Beach for the Championships will be able to find a carrier sailing to Los Angeles or Long Beach Harbors for very competitive pricing. In addition, special pricing will be sought by obtaining sponsorship from a world-wide shipping concern.

### Volunteer Support

ABYC has a large volunteer base allowing us to put on regattas requiring 100+ volunteers. The World Championship will be an excellent draw for these resources. A majority of the volunteers will be veterans of the 2006 International 14 World Championships and the recently concluded North American Formula 18 Championship. These volunteer assets have extensive experience in all aspects of race management in one design events and will be able to fill all required positions both on the water and ashore.

### Funding and Financing

The proposers will fund the Formula 18 World Championship through entry fees and within the sponsorship guidelines established by the International Formula 18 Class Association.

We understand that any travel expenses of out of area officials required by the International Formula 18 Class Association (Class representatives, Jury, Umpires, Measurers, etc.) will be paid for by the Class Association. If this understanding is incorrect we can adjust our budget and entry fees accordingly.

### Tourist Attractions

In addition to the usual tourist attractions located in the Los Angeles area such as Disneyland, Universal Studios and The Getty Center, Long Beach offers a number of local attractions for competitors and their families.

#### Long Beach Aquarium of the Pacific

The Long Beach Aquarium of the Pacific is a ten minute drive from ABYC and opened in June 1998. The Aquarium has 156,735 square feet of floor space, 17 major exhibit tanks and one million gallons of seawater. It incorporates more than 10,000 marine specimens, representing over 550 species. The Aquarium takes visitors on a journey throughout the Pacific Ocean's three regions: Southern California/Baja; the Tropical Pacific and the Northern Pacific.

#### Queen Mary Ocean-liner

The historic Queen Mary ocean-liner is the symbol of Long Beach. It was the world's largest luxury liner when it arrived in Long Beach on December 9, 1967.

#### Museum of Latin American Art

Long Beach is home to the Museum of Latin American Art, the only museum in the west to focus exclusively on contemporary art of Mexico, Central and South America and the Spanish-speaking Caribbean. The Museum is located in a 1920 era 20,000-square-foot building, and houses the Robert Gumbiner Foundation collection of Latin American art, galleries for temporary exhibitions, the Museum Gallery & Store, and a research library.

## Getty Museum

Both Getty Museums are within an hours drive of ABYC and reservations are easily made from their website. <http://www.getty.edu/>

## Free Downtown Shuttle System Also Offers Beach Service

As anyone who has ever tried to see the sights of a busy metropolitan city from behind the wheel knows, driving and sightseeing do not always mix. Fortunately, visitors to Long Beach can enjoy the sights without the hassles associated with navigating an unfamiliar city by taking advantage of the city's public transportation system. Tour downtown quickly and at no charge via the Runabout shuttle. Riders can see the Long Beach Aquarium of the Pacific, Convention Center, Shoreline Village, Queen Mary Seaport, and all downtown hotels and attractions. And for 90 cents each way, the Runabout offers service to Belmont Shore, Long Beach's charming beachside neighborhood with a 15-block stretch of cafes, boutiques, coffeehouses and bookstores.



Figure 6 – International 14 World Championship at ABYC

## PRE CHAMPIONSHIP COMMITMENT

### Regattas

ABYC recognizes that once the World Championship venue is selected, both the sailors and the class association will reasonably expect that significant opportunity to train, race and practice at the championship site will need to be provided. ABYC commits, that if it is selected as the World Championship site, it can make other regattas open to Formula 18 Class sailors.

#### ABYC Labor Day Regatta

**Sept. 1 – Saturday**

1200                      *Warning Signal for ABYC Labor Day Regatta*  
1800                      *ABYC Labor Day Regatta Party*

**Sept. 2 – Sunday**

1200                      *Warning Signal for ABYC Labor Day Regatta*  
1800                      *ABYC Labor Day Awards*

#### Formula 18 World Championship

September 7 to September 15 or August 31 to September 8

**Friday**

1000 – 1800              *Check-in and Measurement*

**Saturday**

0900 – 1800              *Check-in and Measurement*

**Sunday**

0900 – 1800              *Check-in and Measurement*

**Monday**

1000 – 1800              *Check-in and Measurement*

1200                      *Race Committee Practice*

1800                      *Competitors Meeting*

1830                      *Opening Ceremony*

**Tuesday**

1200                      *Warning Signal, first race of the day*

1900                      *Dinner at ABYC*

**Wednesday**

1200                      *Warning Signal, first race of the day*

1900                      *Dinner at ABYC*

**Thursday**

1200                      *Warning Signal, first race of the day*

1900                      *Dinner at ABYC, class meeting*

**Friday**

1200                      *Warning Signal, first race of the day*

1900                      *Dinner at ABYC*

**Saturday**

1200                      *Warning Signal, first race of the day*

1800                      *Dinner and Awards at ABYC*

ABYC proposes the above schedule based on our understanding of the International Formula 18 Class Association's preferred dates. If this understanding is not correct, the schedule can be adjusted to fit the Formula 18 Class Catamaran Association's and ABYC's schedules.

## CONCLUSIONS

Alamitos Bay Yacht Club knows it can offer a quality regatta, in a venue providing excellent sailing conditions, and looks forward to hosting the Formula 18 World Championship.



Figure 7 – 2009 North American Formula 18 Championship at ABYC