

Aquatic Invasive Species BMP's



America's Cup

Karen McDowell, San Francisco Estuary Partnership

Overview

- AC34 Background
- Planning for the Event
 - Environmental Planning
 - Invasive Species BMP's
- 2012 Realities



WINNER
33RD AMERICA'S CUP

GOLDEN GATE
YACHT CLUB



The New Home
of the
America's Cup



The tradition of the America's Cup meets a New Era

AMERICA'S CUP





Host City Agreement
unanimously approved by
the Board of Supervisors
December 14, 2010

AC45 in 2012 vs. AC72 in 2013

	<i>AC45</i>	<i>AC72</i>
Length	45'	72'
Beam	23'	46'
Height	70'	130'
Draft	9'	15'
Crew	5	11
Speed	25+ kts	30+ kts



A large, ornate silver trophy stands in the foreground on a dark base. In the background, the Golden Gate Bridge spans across a body of water under a clear blue sky. The bridge's red towers and suspension cables are prominent.

34th AMERICA'S CUP
San Francisco 2013

Stadium Racing

34th SAN FRANCISCO 2013
AMERICA'S CUP[®]

Physical Planning: 1st Ever AC Visible From Shore



Forecasting: Spectator Estimates

	2012	2013
Peak Weekday	27,000	45,000
Peak Weekend Day	120,000	296,000
Total Visitation	1,454,000	5,490,000



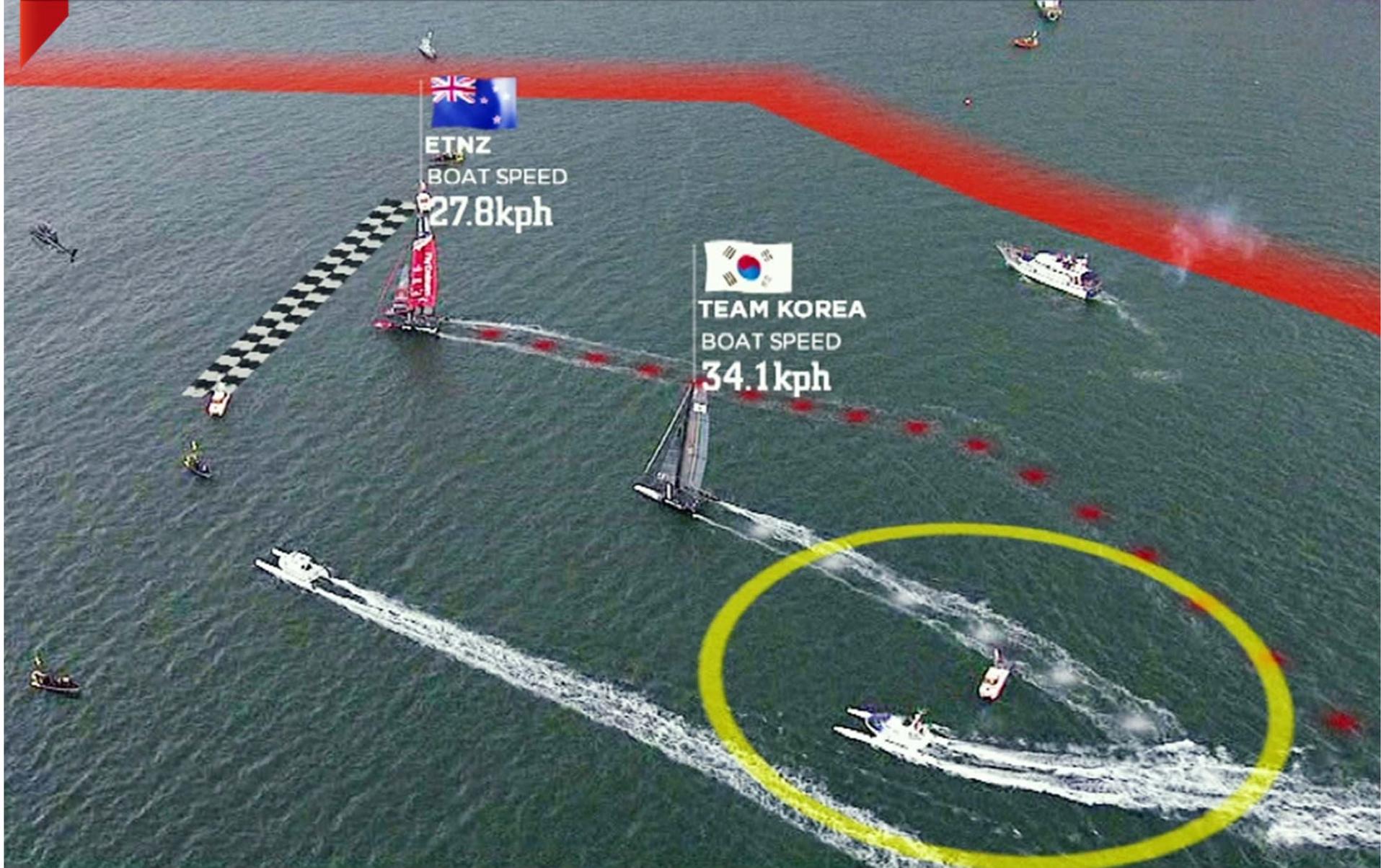
2013 Village @ Piers 27/29





Revolutionary Live Line™ Graphics

AMERICA'S CUP



FINAL LEG


ENERGY TEAM
TEAM KOREA


GREEN COMM



OR COUTTS



ETNZ



ARTEMIS



OR SPITHILL



Early Planning



Forecasting – # spectators/teams, dates, econ impact

Physical – infrastructure improvements & long-term development rights

Environmental – permits & vision

Operational – 11 implementation plans

Financial – apportionment of costs, public investment,

up to \$32M in fundraising,

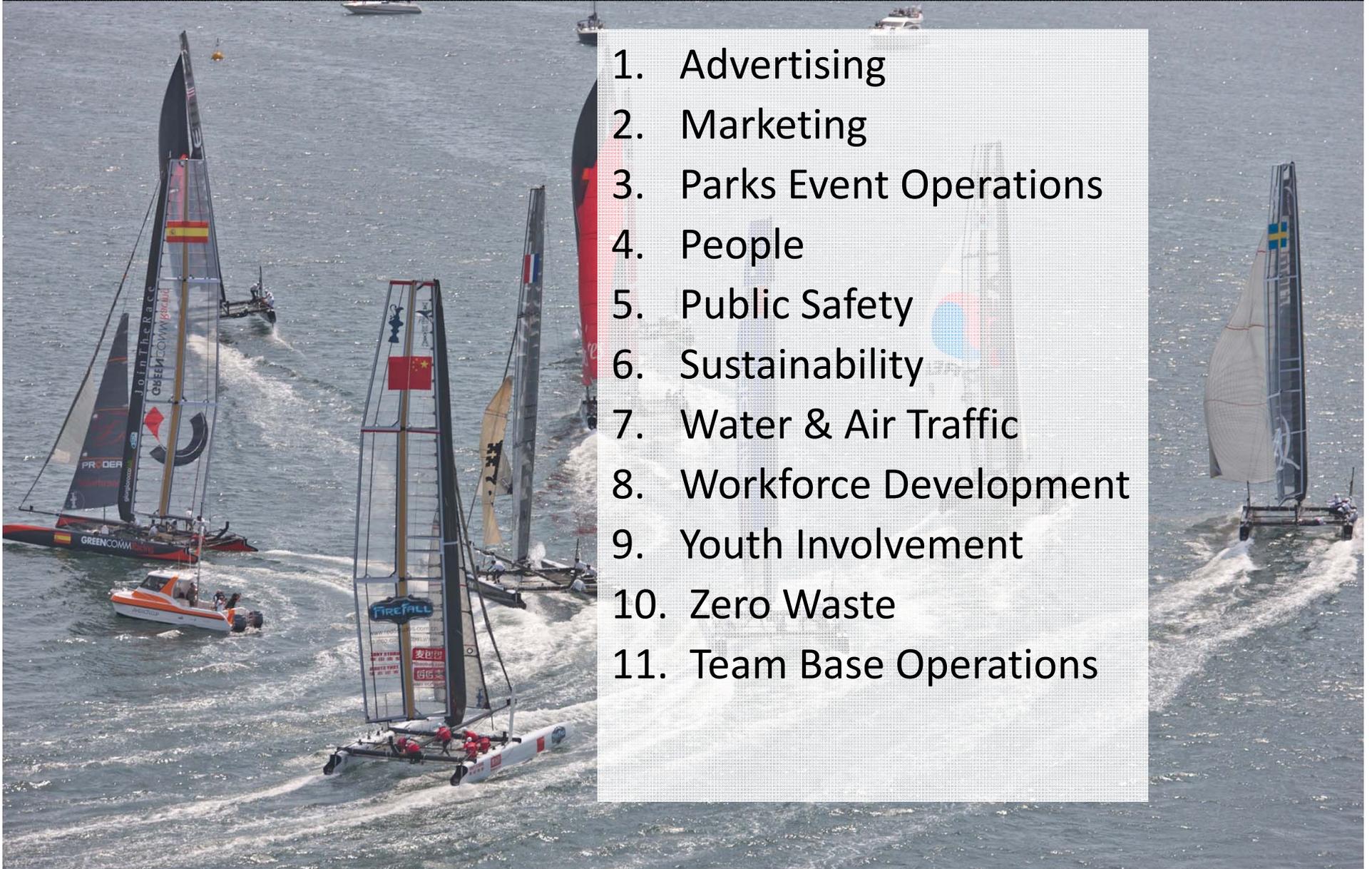
Define Legacy – creating value beyond 2013

Economic Planning: 2010 estimates

- 55 race days in 2013
- 11 boats completing – hundreds of crew/family
- 8,800 jobs created
- Piers reconstructed for boat crews
- Media \$\$
- **\$1.4 billion in construction, transportation, food & beverage, and hospitality sectors**

Operational Planning

1. Advertising
2. Marketing
3. Parks Event Operations
4. People
5. Public Safety
6. Sustainability
7. Water & Air Traffic
8. Workforce Development
9. Youth Involvement
10. Zero Waste
11. Team Base Operations



Water Quality

Derelict creosote pilings out

**Stormwater control for
shoreline developments**

Rainwater harvesting

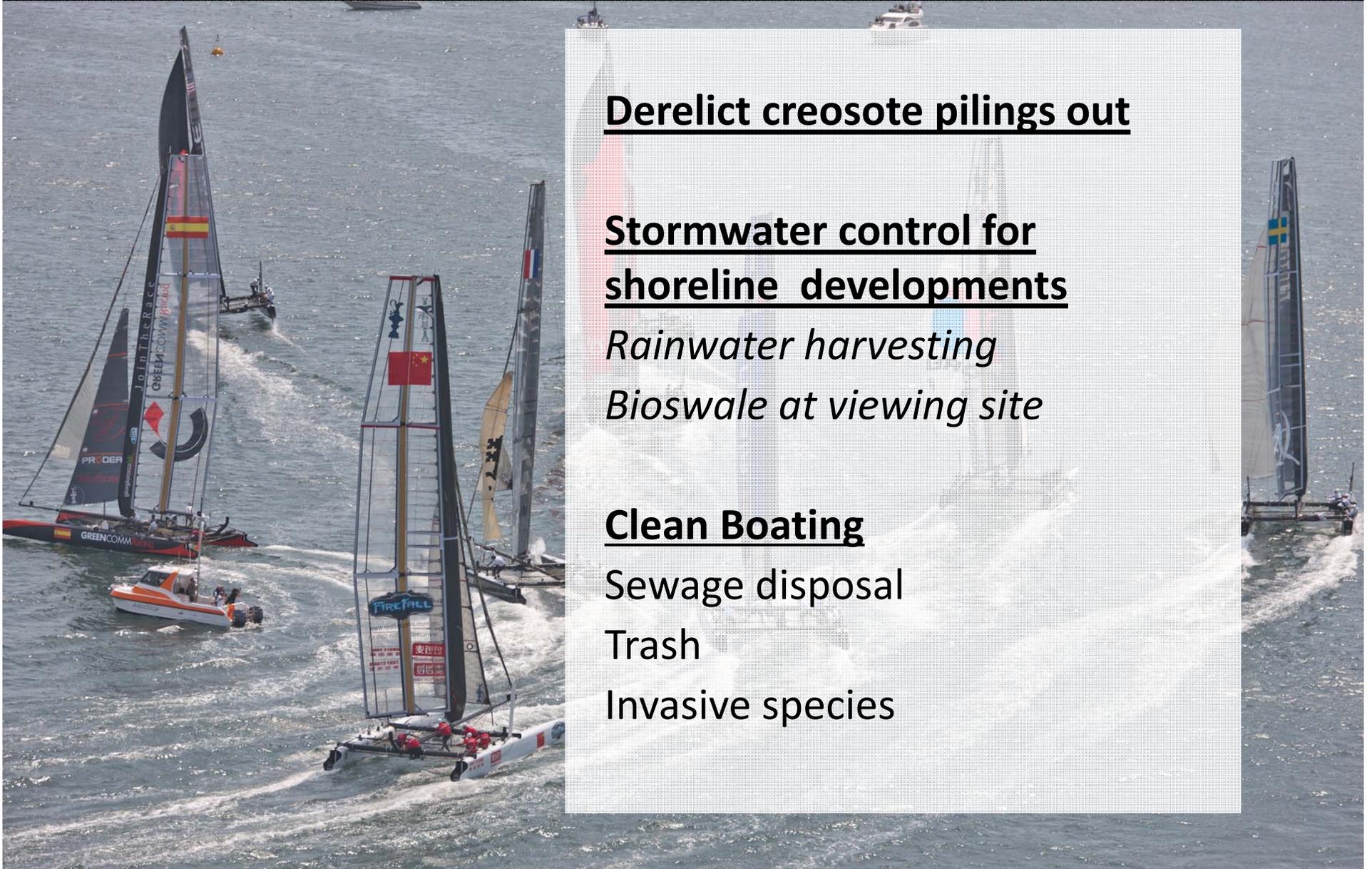
Bioswale at viewing site

Clean Boating

Sewage disposal

Trash

Invasive species



The America's Cup: A Global Event

AMERICA'S CUP

AC World Series

Aug 2011 - June 2012

Cascais, Portugal: Aug 6-14

Plymouth, UK: Sept 10-18

San Diego, USA: Nov 12-20

January – March 2012 TBA

Naples, Italy: April 2012

Venice, Italy: May 12-20

Newport, USA: June 23-July 1

AC World Series

Aug 2012 - June 2013

San Francisco, USA:
August
September

Venice, Italy: April 2013

Naples, Italy: May 2013

Additional
2012/2013 Dates

San Francisco, USA

July 4 - July 21, 2013


LOUIS VUITTON CUP
AMERICA'S CUP CHALLENGER SERIES

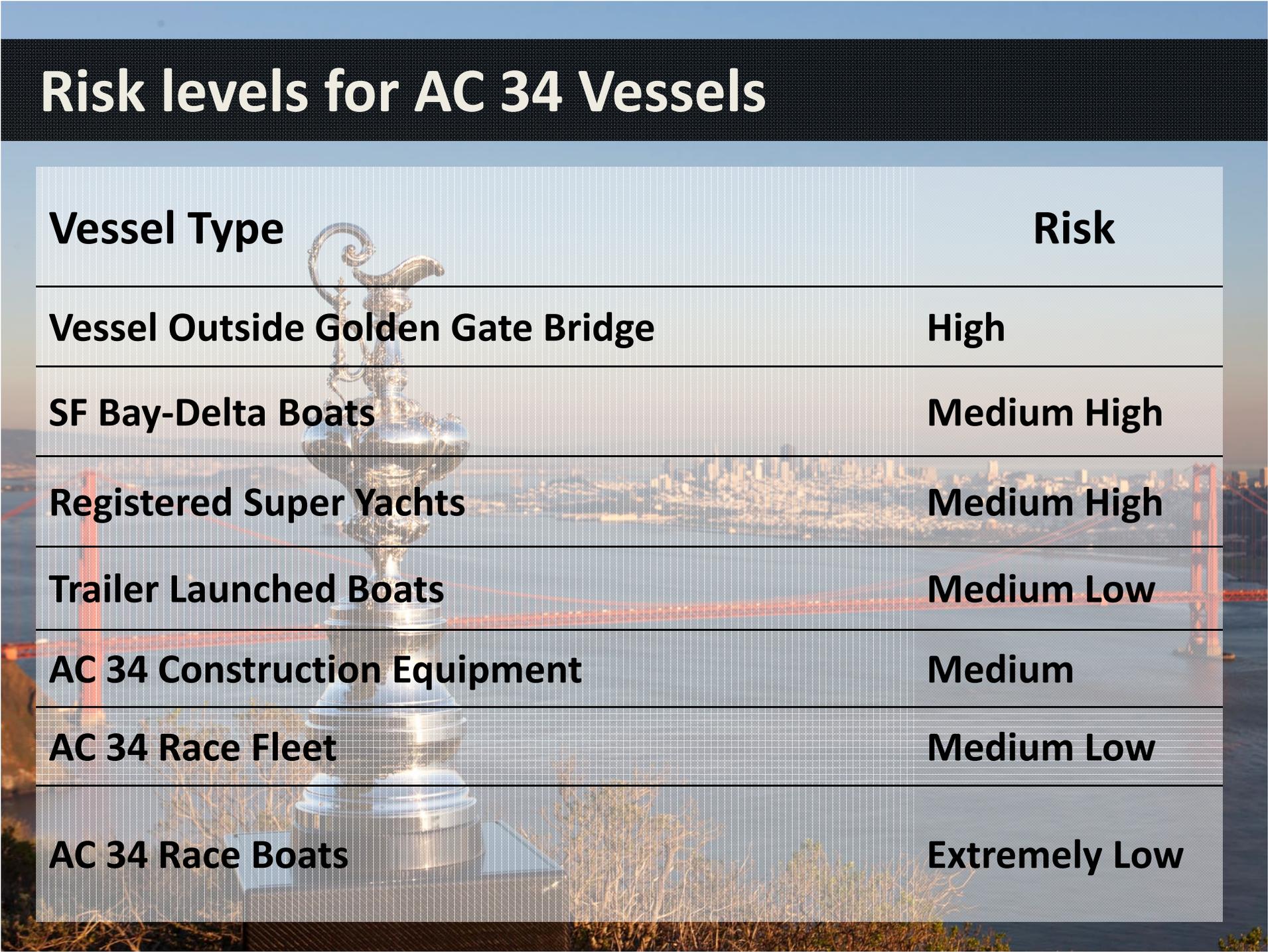
34 SAN FRANCISCO 2013
AMERICA'S
CUP



Boat Spectator Estimates

Boat Type	# of boats	# of passengers	Total # of passengers
Recreational	2012: 650-1800 2013: 750-2,200	6	2012: 3,800-11,000 2013: 4,400-13,200
Commercial Charter	2012: 5-13 2013: 7-20	150	2012: 800-2,000 2013: 1,000-3,000
Super Yachts	2012: 0 2013: 30-60	30	2012: 0 2013: 900-1,800
Total	2012: 650-1800 2013: 750-2,200		2012: 4,600-13,000 2013: 6,300-18,000

Risk levels for AC 34 Vessels



Vessel Type	Risk
Vessel Outside Golden Gate Bridge	High
SF Bay-Delta Boats	Medium High
Registered Super Yachts	Medium High
Trailer Launched Boats	Medium Low
AC 34 Construction Equipment	Medium
AC 34 Race Fleet	Medium Low
AC 34 Race Boats	Extremely Low

BMP Categories

Trailer Launched Boats

Boats within San Francisco Bay-Delta

Boats from Outside San Francisco

BMPs for Aquatic Invasive Species

a) Ensure appropriate anti-fouling protection

- Check if age of the anti-fouling coating is still within the defined effective period, as indicated by the manufacturer.
 - If yes, go to (b)
 - If no, apply fresh anti-fouling coating(s), then go to (b)

b) Prior to transit to SF Bay – “Clean before you come”

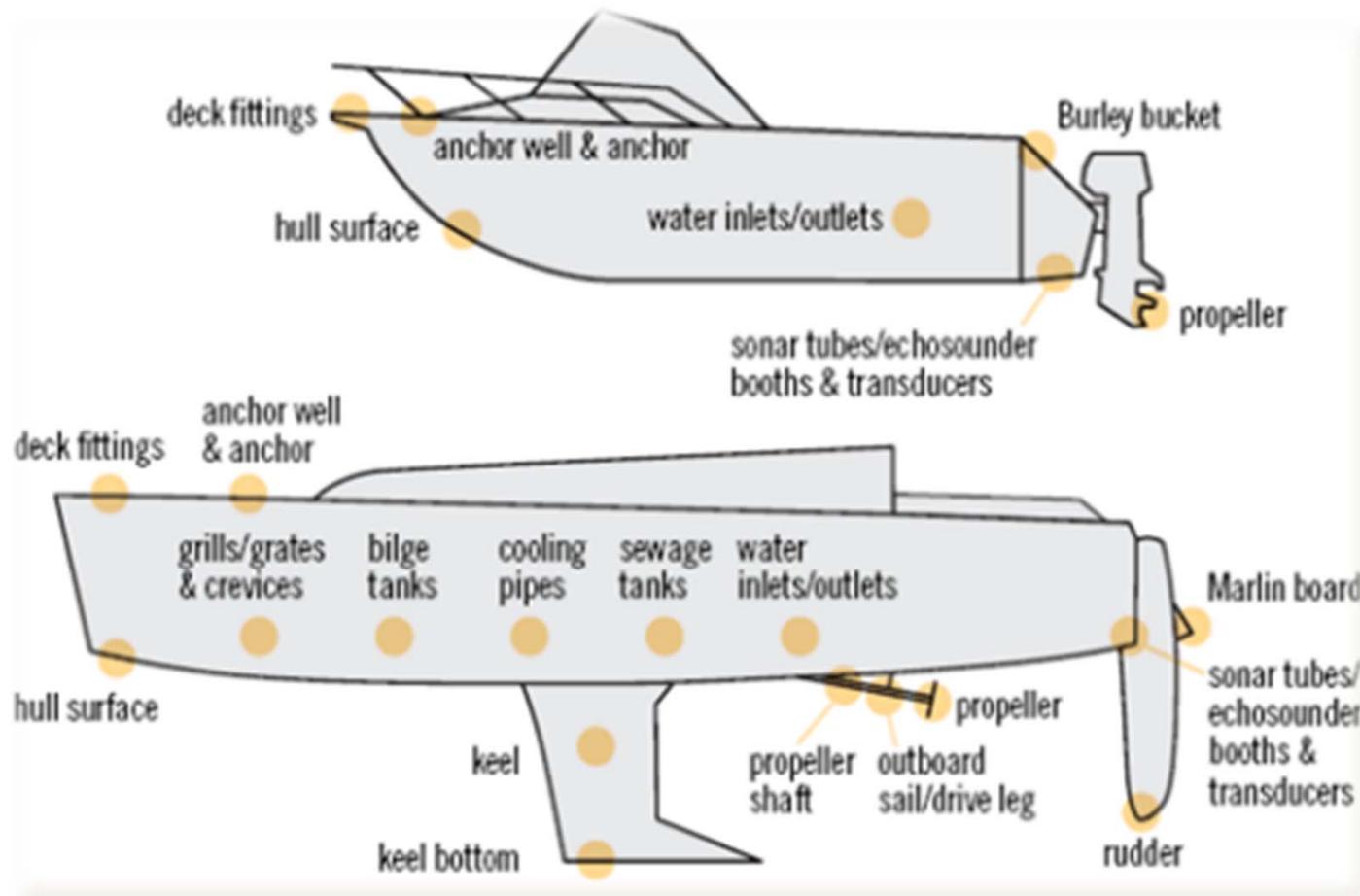
- Clean all underwater surfaces as close to departure date as possible, but no longer than a month prior to departure
- Ensure that all appendages (e.g. keel, rudder, propeller), intakes, and internal seawater systems are cleaned

c) Prior to leaving SF Bay if the vessel has been in SF Bay for a month or longer – “Clean before you go”

- If the vessel was cleaned before coming to SF Bay, it can be cleaned in water or hauled out
- If the vessel was not cleaned before coming to SF Bay, DO NOT clean in water. Haul out for cleaning

2. Prior to transit to San Francisco Bay – “Clean Before You Leave”

- Clean all underwater surfaces as close to your departure date as possible, but no longer than one month before you leave.
- Ensure all appendages (e.g., keel, rudder, propeller), intakes, and internal seawater systems are cleaned (see Figure below).
- Do not transport live bait. Properly dispose of residual fishing bait in trash receptacles. Drain all live wells before departure.





AMERICA'S CUP[®]
BOATING
CLEAN &
GREEN

ORACLE Racing

MONARCH Since 1865 THE DAILIES

The Examiner

TUESDAY,
FEBRUARY 28, 2012
sfexaminer.com

SERVING SAN FRANCISCO, MARIN, SAN MATEO AND SANTA CLARA COUNTIES



57° 48°
Chance
of rain

SPORTS

The beard's back

Giants' closer
says he is
'pain-free'

PAGE 22



LOCAL NEWS



Room to grow

Salesforce surge
prompts new plan

PAGE 4

RED CARPET



Deal OVERBOARD

America's Cup
development pact
falls apart, but
regatta still coming
to The City PAGE 5



Fewer Teams/Fewer Nations



SWE



ITA



CHN



USA



KOR



USA



NZL



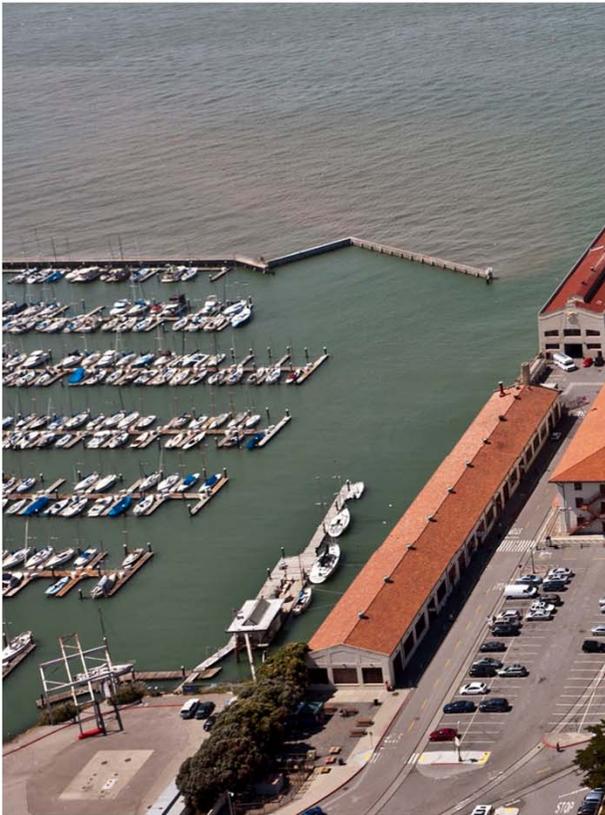
ITA



Final Deal Signed April 27, 2012

2012 Status

- 41 race days in 2013
- Many fewer jobs - 700 less jobs than original estimate
- 3-5 boats racing
- < economic activity: construction, transportation, food & beverage, and hospitality sectors
- *Paying* for 2012 NBC coverage
- City regains control of real estate



Invasive Species Control

Clean before you come & Clean before you go.

Hull fouling degrades sailing performance, increases fuel consumption, and can damage your systems and equipment. Introduced by visiting boats, invasive species can spread throughout the Bay, where they foul structures, displace native plants and animals, threaten public health, and upset the local ecology. Please make sure invasive marine pests are not part of this event by doing the following:



- Ensure appropriate anti-fouling paint is still within the defined effective period as indicated by the manufacturer. Use multi season anti-fouling protective coatings suitable for San Francisco Bay.
- Clean your trailer and boat, including all underwater surfaces, intakes, and internal seawater systems prior to coming to SF Bay in a location out of the water as close to your departure date as possible, but no longer than one month before you leave. If your boat was not cleaned before coming to San Francisco Bay, DO NOT clean the boat while it is in the water. Instead, haul the boat out of the water to clean.
- When leaving, if the vessel has been docked/moored in the Bay for a month or more, clean your equipment prior to returning to your home marina.
- Do not transport live bait. Properly dispose of residual fishing bait in trash receptacles. Drain all live wells before departure.



Questions?

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www.waterboards.ca.gov/sanfranciscobay/water_issues/hot_topics/AC34/index.shtml

www.oewd.org/Development_Projects-Americas_Cup.aspx