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
Host City Agreement unanimously approved by the Board of Supervisors
December 14, 2010
AC45 in 2012 vs. AC72 in 2013

<table>
<thead>
<tr>
<th></th>
<th>AC45</th>
<th>AC72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>45’</td>
<td>72’</td>
</tr>
<tr>
<td>Beam</td>
<td>23’</td>
<td>46’</td>
</tr>
<tr>
<td>Height</td>
<td>70’</td>
<td>130’</td>
</tr>
<tr>
<td>Draft</td>
<td>9’</td>
<td>15’</td>
</tr>
<tr>
<td>Crew</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>Speed</td>
<td>25+ kts</td>
<td>30+ kts</td>
</tr>
</tbody>
</table>
34th AMERICA’S CUP
San Francisco 2013
Stadium Racing
Physical Planning: 1st Ever AC Visible From Shore
<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Weekday</td>
<td>27,000</td>
<td>45,000</td>
</tr>
<tr>
<td>Peak Weekend Day</td>
<td>120,000</td>
<td>296,000</td>
</tr>
<tr>
<td>Total Visitation</td>
<td>1,454,000</td>
<td>5,490,000</td>
</tr>
</tbody>
</table>
2013 Village @ Piers 27/29
Revolutionary Live Line™ Graphics
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

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
- Naples, Italy: April 2013
- Venice, Italy: May 2013

San Francisco, USA
July 4 - July 21, 2013
- Additional 2012/2013 Dates

San Francisco, USA
Sept 7-22, 2013
### Boat Spectator Estimates

<table>
<thead>
<tr>
<th>Boat Type</th>
<th># of boats</th>
<th># of passengers</th>
<th>Total # of passengers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recreational</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012: 650-1800</td>
<td></td>
<td>6</td>
<td>2012: 3,800-11,000</td>
</tr>
<tr>
<td>2013: 750-2,200</td>
<td></td>
<td></td>
<td>2013: 4,400-13,200</td>
</tr>
<tr>
<td><strong>Commercial Charter</strong></td>
<td>2012: 5-13</td>
<td>150</td>
<td>2012: 800-2,000</td>
</tr>
<tr>
<td>2013: 7-20</td>
<td></td>
<td></td>
<td>2013: 1,000-3,000</td>
</tr>
<tr>
<td><strong>Super Yachts</strong></td>
<td>2012: 0</td>
<td>30</td>
<td>2012: 0</td>
</tr>
<tr>
<td>2013: 30-60</td>
<td></td>
<td></td>
<td>2013: 900-1,800</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2012: 650-1800</td>
<td></td>
<td>2012: 4,600-13,000</td>
</tr>
<tr>
<td>2013: 750-2,200</td>
<td></td>
<td></td>
<td>2013: 6,300-18,000</td>
</tr>
</tbody>
</table>
## Risk levels for AC 34 Vessels

<table>
<thead>
<tr>
<th>Vessel Type</th>
<th>Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vessel Outside Golden Gate Bridge</td>
<td>High</td>
</tr>
<tr>
<td>SF Bay-Delta Boats</td>
<td>Medium High</td>
</tr>
<tr>
<td>Registered Super Yachts</td>
<td>Medium High</td>
</tr>
<tr>
<td>Trailer Launched Boats</td>
<td>Medium Low</td>
</tr>
<tr>
<td>AC 34 Construction Equipment</td>
<td>Medium</td>
</tr>
<tr>
<td>AC 34 Race Fleet</td>
<td>Medium Low</td>
</tr>
<tr>
<td>AC 34 Race Boats</td>
<td>Extremely Low</td>
</tr>
</tbody>
</table>
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”
   a. Clean all underwater surfaces as close to your departure date as possible, but no longer than one month before you leave.
   b. Ensure all appendages (e.g., keel, rudder, propeller), intakes, and internal seawater systems are cleaned (see Figure below).
### Costs

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Attendance/ syndicates</th>
<th>Law enforcement</th>
<th>EMS</th>
<th>Fire</th>
<th>Parking &amp; Traffic</th>
<th>SF Bus/transit improvement</th>
<th>Regional transit</th>
<th>Bicycle ops</th>
<th>Waste Mgmt</th>
<th>City of SF Cleanup</th>
<th>Subtotal 2013</th>
<th>Subtotal 2011/12 (previous slide)</th>
<th>TOTAL ALL COSTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base</td>
<td>3.6 million/12</td>
<td>5,500,000</td>
<td>570,000</td>
<td>1,000,000</td>
<td>2,500,000</td>
<td>4,500,000</td>
<td>800,000</td>
<td>400,000</td>
<td>1,500,000</td>
<td>250,000</td>
<td>17,020,000</td>
<td>27,615,000</td>
<td>$44,635,000</td>
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<tr>
<td>Low</td>
<td>2.2 million/8</td>
<td>4,000,000</td>
<td>450,000</td>
<td>600,000</td>
<td>1,800,000</td>
<td>3,000,000</td>
<td>650,000</td>
<td>300,000</td>
<td>1,000,000</td>
<td>100,000</td>
<td>11,900,000</td>
<td>27,615,000</td>
<td>$39,515,000</td>
</tr>
</tbody>
</table>
Fewer Teams/Fewer Nations
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?

Karen McDowell, SFEP, kmcdowell@waterboards.ca.gov

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