

Seamless Astronomy

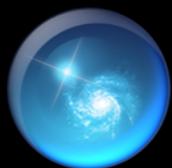
(in 7 minutes)

Alyssa A. Goodman

*Harvard-Smithsonian Center for Astrophysics
Initiative in Innovative Computing @ Harvard*

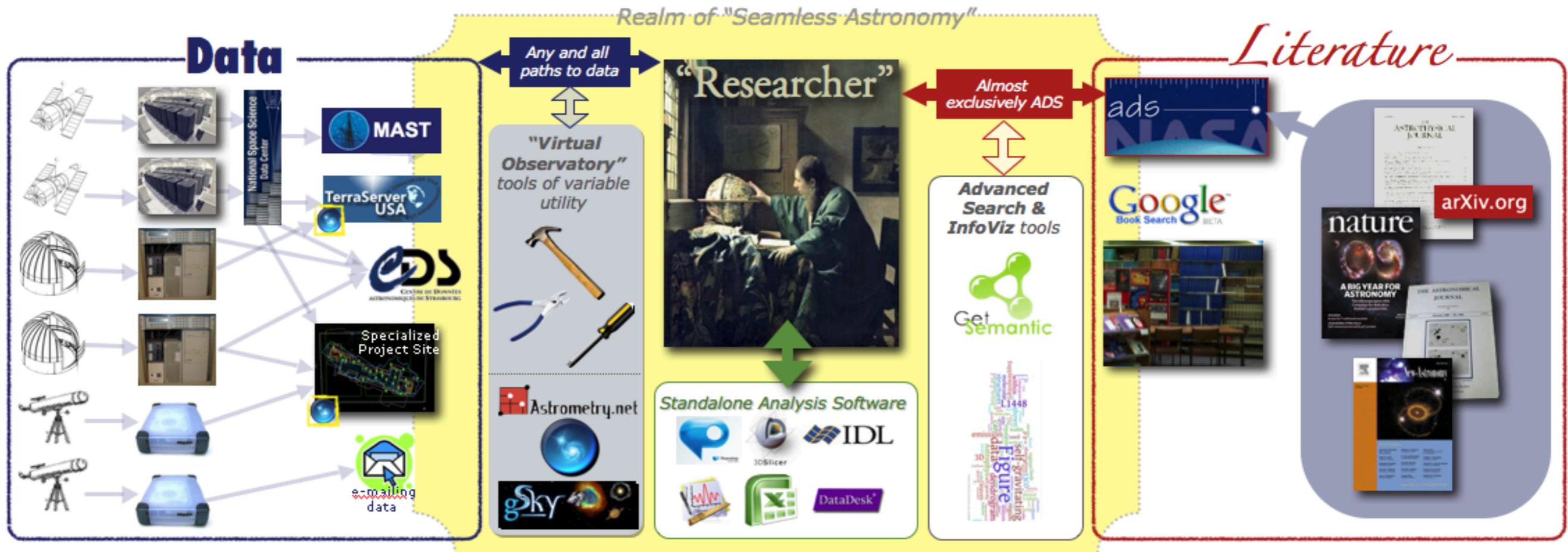
Key Collaborators:

*Curtis **Wong** & Jonathan **Fay**, Microsoft Research/WWT
Gus **Muench**, Harvard*



Seamless Astronomy

www.cfa.harvard.edu/~agoodman and worldwidetelescope.org

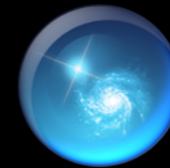


International Politics (Pepi...) & Varied Technological Approaches

“Web Services”



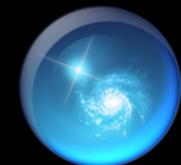
Interoperable Desktop Apps
(communication via
“message-passing”, e.g.
“SAMP”)



Custom Mashups, APIs



Mixtures of all others,
transparent to user



astrobitz?

terabitz every bit on real estate

Getting Started | Sign In

Enter Location

Street: optional

City, State or Zip: Ocala, FL

Go

filter listings

Drag and Drop icon to workspace below

Navigation tabs: Listings, Local, Market, Education, Safety, Financing, Professional, Misc

Icons: Google Local Search, Local Photos, Airports, Banks, Cafes, Cinemas, Fast Food, Gas Stations, Grocery Stores, Health Care, Libr

Take Snapshot

Dashboard

Map

Mini Map

Map data ©2007 Tele Atlas - Terms of Use

For Sale Listings

2-Br 1-Ba	\$ 49,900
3116 Nw 17th St, Ocala, FL 34475	
3-Br 2-Ba	\$ 109,900
375 Nw 55th Ave, Ocala, FL 34482	
3-Br 2-Ba	\$ 124,900
280 Nw 53rd Ct, Ocala, FL 34482	
2-Br 2-Ba	\$ 150,000
3459 Sw 18th Pl, Ocala, FL 34474	

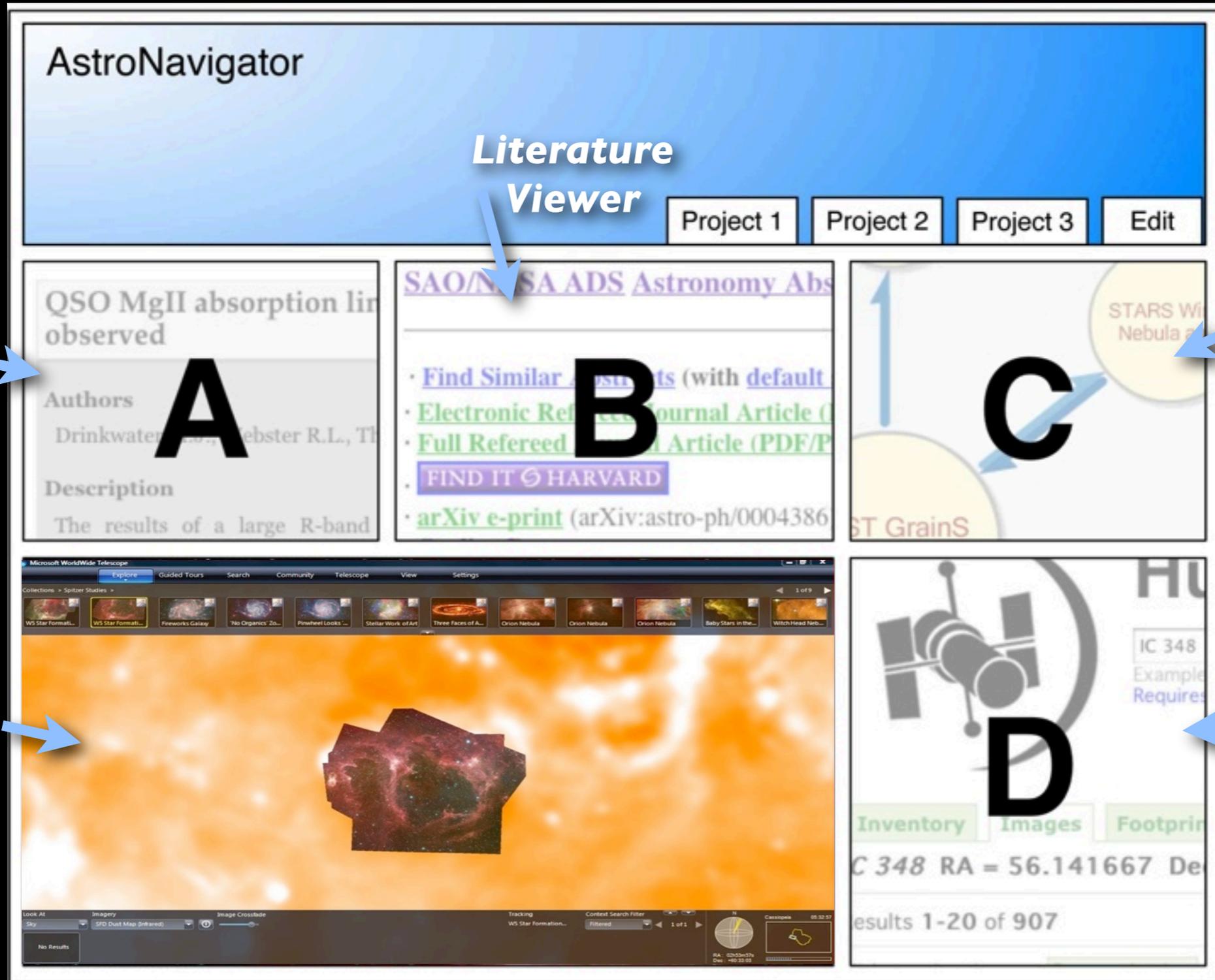
[filter listings](#) [Map](#) | 90 results

Banks

Regions Bank	352-291-2965
3101 Sw College Rd, Ocala, FL	
Regions Bank	352-861-2342
2811 Sw 27th Ave, Ocala, FL	
Wachovia Bank	352-873-5010
3201 Sw College Rd, Ocala, FL	
Community Bank & Trust of ...	352-369-1000
1603 Sw 19th Ave, Ocala, FL	

[Map](#) | 20 results

Seamless Astronomy



Semantic Search

Literature Viewer

Info Viz for Search Results

Data Viewer (e.g. WWT)

Archive Browser

Mockup based on work of Eli Bressert, excerpted from NASA AISRP proposal by Goodman, Muench, Christian, Conti, Kurtz, Burke, Accomazzi, McGuinness, Hendler & Wong, 2008

“GIS/Layering”

“Ontology”

“Search”

What’s needed...

is now common in daily life tools, but not in astronomy reserach.

“Progressive Resolve”

“Registration”

“Selection”

**“Side-by-Side
Comparison”**

“Readable Labels”

“Highlighting”

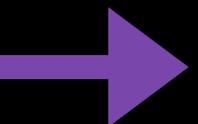
“Zoom”

“Custom Site”

“Measurement”

“Off-the-Desktop”

“Inference”





Tuesday, April 14, 2009

From: Yan Xu
 Subject: RE: (non WWT) press conference attendance for AG or Tuesday AM
 Date: December 31, 2008 2:56:23 AM EST
 To: Yan Xu , Alyssa Goodman , Megan Watzke
 Cc: Becki Culbert (Swift Group) , Curtis G. G. Wong <curtisgwong@msn.com> , Jens Kauffmann , Rosalind Reid

Email with Room Numbers
 (result of search)

I just found Megan's earlier email, which mentioned that the press will be in room 204 of Convention Center. It is probably not too far from our room 308.

Requires "Ontology"

Our setup and presentation will be in the same room: #308 (Exhibition Hall C).

Thanks,
 Yan

Interior Map on Long Beach CC Web Site

Requires "GIS/Layering"

Ballroom & Meeting Room
<http://www.longbeachcc.com/meeting.h>

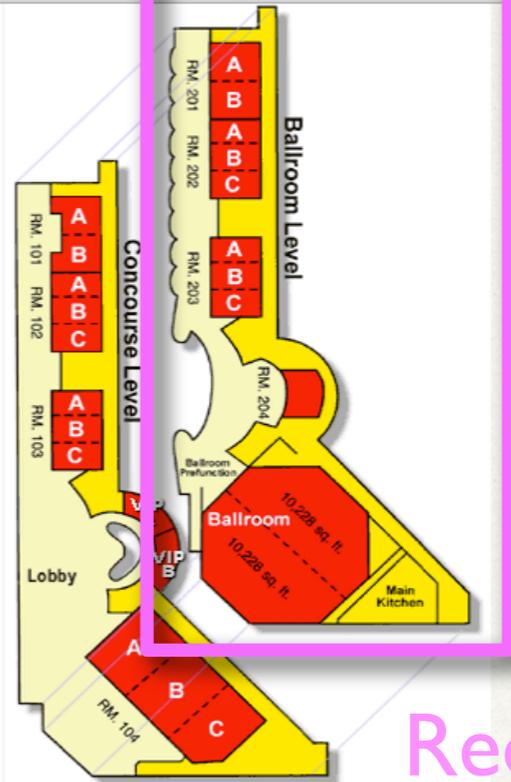
pine avenue long beach, ca - Google Maps
<http://maps.google.com/maps?client=safari&rls=en-us&ie=UTF-8&oe=UTF-8&um=1&q=long+beach+con>
 long beach convention center
 pine avenue long beach, ca
 Search Maps Show search options
 Find businesses, addresses and places of interest. Learn more.
 Get Directions My Maps
 Pine Ave Long Beach, CA



Area Map, with Photos & Street Names from Google Maps

SPECIAL SERVICES INCLUDED:

- House lighting, ventilation, heat or air conditioning as required during open times. Energy conservation is of prime concern to the Convention Center and minimal light and comfort levels will be maintained during move-in and move-out periods. Rehearsals and similar pre-event activities will be maintained accordingly
- Housekeeping services during open hours in aisles, corridors, lobby, open spaces and restrooms, plus one thorough cleaning of these same areas during non-open hours. Meeting rooms will be cleaned between 12 AM and 11 PM nightly unless prior arrangements are made with the Event Manager.
- Water service will be supplied to head tables and rooms only. All other water service needs must be ordered through your Catering Sales Manager.
- Basic set up is included with the daily rental. Additional set ups are charged based upon half of the daily rental.
- Real-time basic room set per rented event day. Meeting rooms included with an Exhibit Hall rental include a one-basic room set for the run of the event.
- Fully equipped first-aid facilities. Does not include a nurse. An Emergency Medical Technician will be scheduled through your Event Manager.
- Use of the outdoor marquee, as available. The marquee is limited to information directly related to Licensee's activities within the Convention Center. All messages must be pre-approved by Convention Center staff. (Please see marketing kit for all in-house Marketing and Public Relations details pertaining to your event).



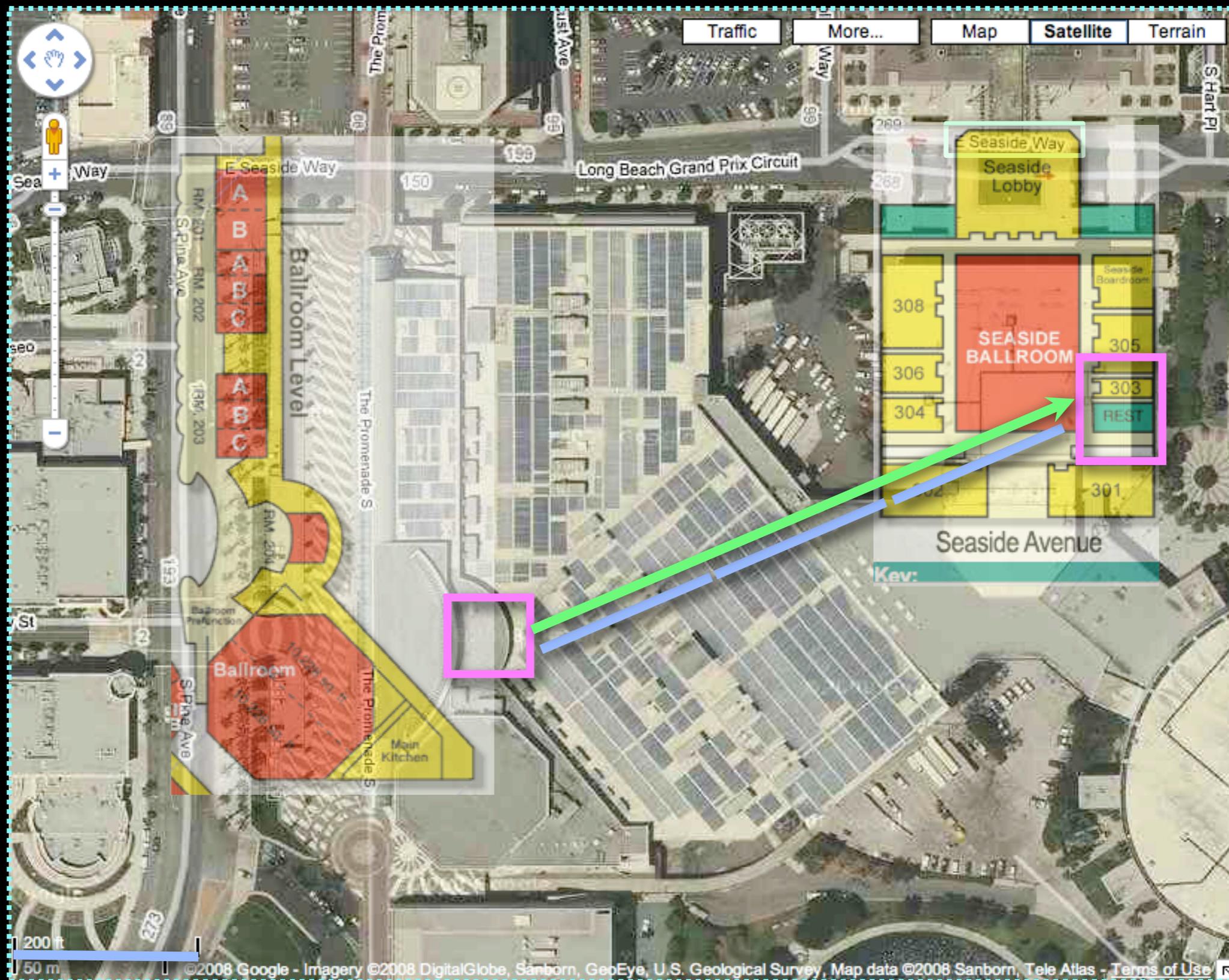
Requires "Search"

SPECIAL SERVICES NOT INCLUDED:

- First aid staffing with Emergency Medical Technician will be provided at current rates.
- Licensee is responsible for removal of bulk trash, crates, pallets, packing materials, lumber, etc. prior to show loading and following move-out.
- Ticket sellers, ticket takers, ushers, security, stagehands, and event operations shall be provided by the Convention Center and billed to Licensee.
- Performance stages, exhibit tables and dance floors.



Seaside Meeting Room Key:

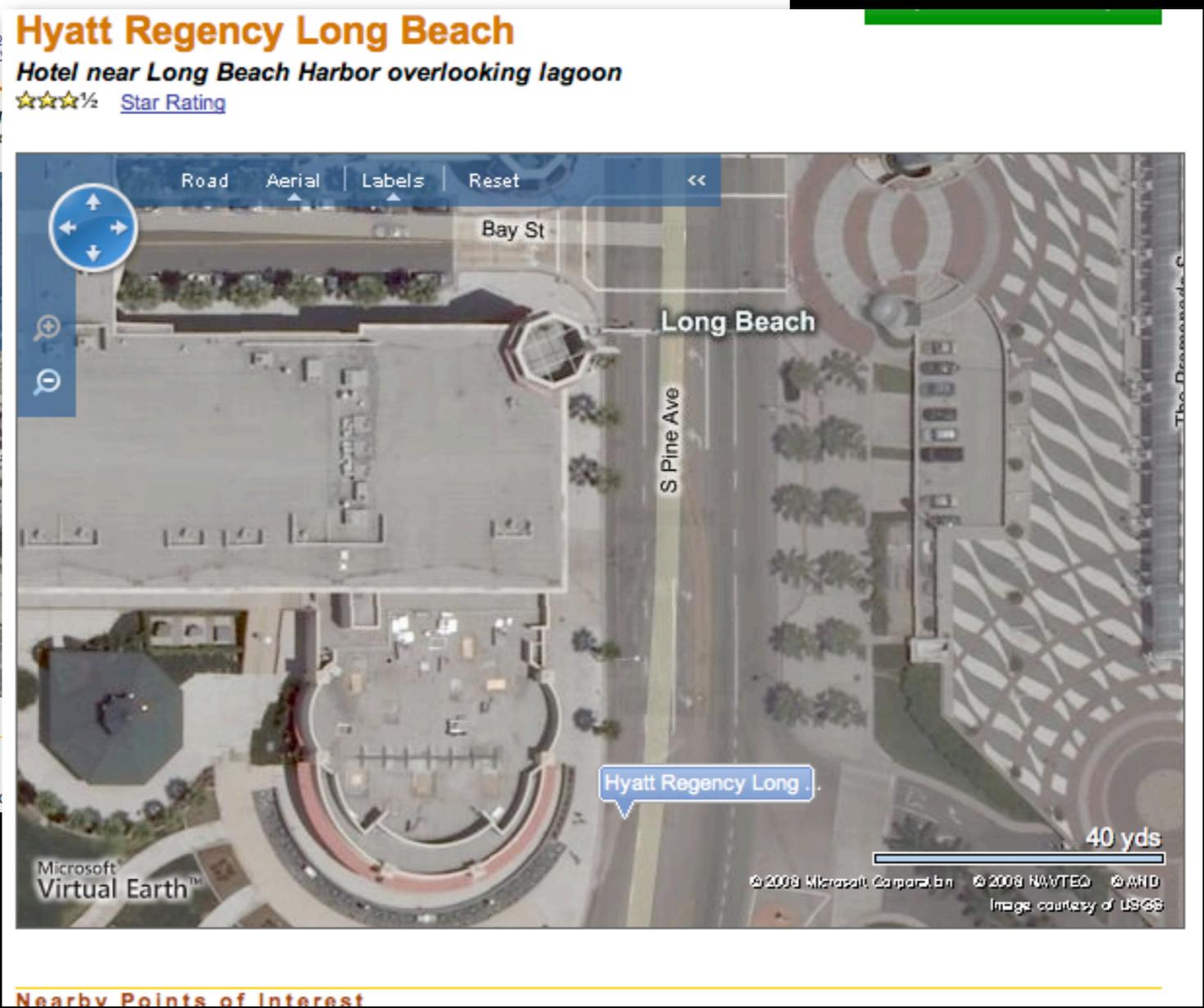
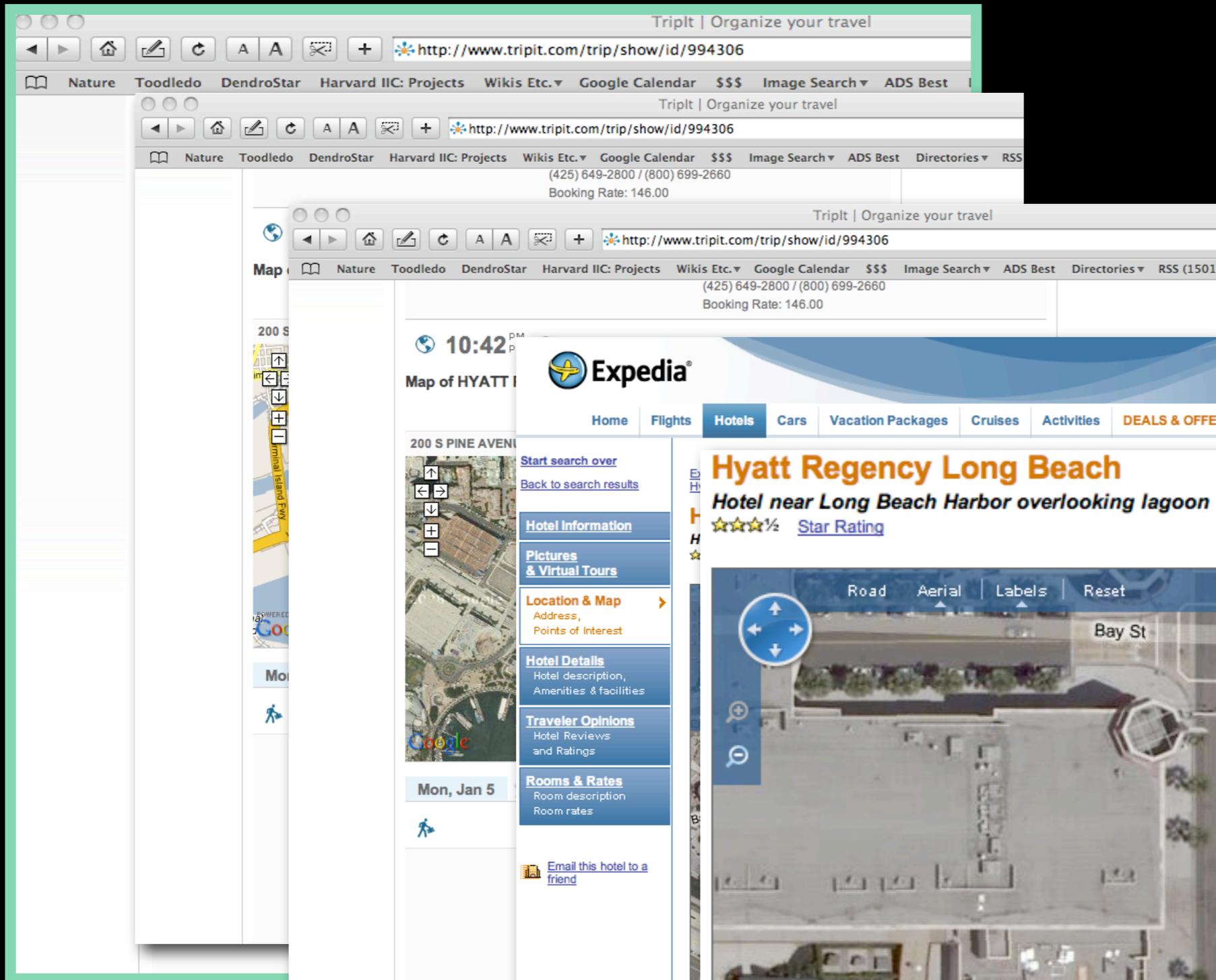


...requires: **“Selection”** ; **“Registration”**;

“Readable Labels” ; **“Highlighting”** ; & **“Measurement”**

in order to yield: **“Inference”**: ...Wow, that’s about 600 feet, hope we can change the room!

And, what about that “custom Triplt site” I made to organize all this? What about the hotel & its location?



Nearby Points of Interest



Hyatt Regency Long Beach
 Hotel near Long Beach Harbor overlooking lagoon
 ★★☆☆½ Star Rating

Road Aerial Labels Reset <<

Bay St
 Long Beach
 S Pine Ave

Hyatt Regency Long

40 yds

Microsoft Virtual Earth

© 2008 Microsoft Corporation © 2008 NAVTEQ © AHD
 Image courtesy of USGS

“Side-by-Side Comparison”

“Zoom”

“Progressive Resolve”

Click

“Inference”: ...Oh, that building with the funky paths outside is the Hyatt.. what if I..



My TripAdvisor | Sign in

Register Now!

Over 20 million traveler reviews & opinions of hotels, vacations & more

Hyatt Regency Long Beach Hotel

Home Destinations Fun & Games Free Travel Guides Vacation Ideas International Sites

Home → United States → California (CA) → Long Beach → Long Beach Hotels

Search

Search input field with 'Go' button

- Long Beach Overview
- Long Beach Hotels
 - Hyatt Regency Long Beach
- Flights to Long Beach
- Long Beach Deals
- More On Long Beach
- Before You Go
- Things to Do
- Restaurants
- Map
- Traveler Photos
- Forum
- Long Beach Deals
- Discount Hotels
- Hotel & Air
- All Travel Offers

Hyatt Regency Long Beach



Hotel class: ★★★★★

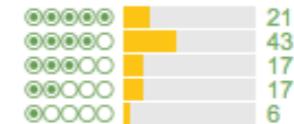
Rooms: 510

COMPARE PRICES

- Hotel photos
- Map this hotel
- Hotel amenities
- Virtual tour

TripAdvisor Traveler Rating: ?

104 Reviews



Write a review

TripAdvisor Popularity Index: ?

#14 of 38 hotels in Long Beach

Call now to book: 1-800-45-HOTEL from hotels.com

200 South Pine Avenue, Long Beach, CA 90802

Property Type: Hotel ?

Full service hotel with water views from rooms. Walking distance to 100 shops and restaurants, Aquarium of the Pacific. Centrally located for easy...

+ more »



Check Rates and Availability: \$236 Avg. Price

Check-in: 10/2/2009

Check-out: 10/9/2009

Adults: 1

- | | |
|---|--|
| <input checked="" type="checkbox"/> Expedia.com | <input checked="" type="checkbox"/> Orbitz.com |
| <input checked="" type="checkbox"/> LongBeach.Hyatt.com | <input checked="" type="checkbox"/> hotels.com |
| <input checked="" type="checkbox"/> Travelocity | <input type="checkbox"/> HotelClub.com |
| <input checked="" type="checkbox"/> Priceline.com | <input type="checkbox"/> Gtahotels.com |

CHECK RATES! Opens one window for each offer. Please disable pop-up blockers.

Click here for best prices for Hyatt Regency Long Beach

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Expedia.com Photos, Reviews and the Guaranteed Lowest Prices
- Hyatt Regency Long Beach: Save Up To 50% On Hotels Smart Deal
Orbitz.com View Hotel Photos, Reviews & More Compare & Save on Hotels at Orbitz
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LongBeach.Hyatt.com Best Rates Guaranteed. Book Direct.
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Hyatt Regency Long Beach Best Rates

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We'll send you updates with the latest deals, reviews and articles for Hyatt

TripAdvisor Traveler Reviews

TripAdvisor Traveler Rating: ★★★★★

What's possible now?

“Progressive Resolve”

“Zoom”

“Search”

“Selection”

“GIS/Layering”

“Registration”

**“Side-by-Side
Comparison”**

“Readable Labels”

“Highlighting”

“Custom Site”

“Inference”

“Off-the-Desktop”

“Ontology”

“Measurement”

We need to catch up to this & go beyond...

