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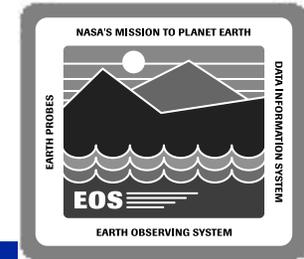
# **ECS EP6 Client Subsystem**

## **Kevin Limperos, Show-Fune Chen**

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**August 4, 1995**

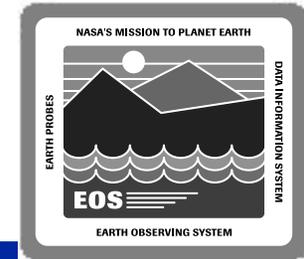
# Client Subsystem Development



- **EP6 (Developed through TRR 9/26/95)**
  - **Earth Science Search Tool, Data Dictionary Tool, User Registration Tool, and Comment/Survey Tool will be developed as described in later slides.**
- **PW2 (Developed up until 1/96)**
  - **Will incorporate as much capability as can be accommodated in the time from EP6 TRR until PW2.**
  - **Will respond to ongoing tirekicker/DAAC feedback.**
  - **Will include EP6 capabilities plus DAR Prototype.**
  - **Experimental Applications (TBD) will be created to run with Hotjava.**

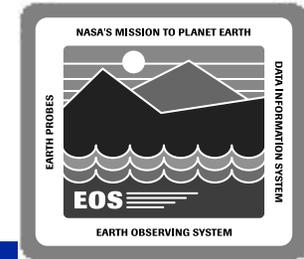
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# EP6 Client Design



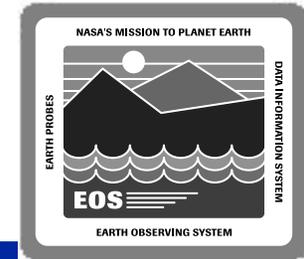
- **New on-line design review/feedback process is in effect. All DAAC liasons and tirekickers were asked to participate and provide feedback.**
- **Lessons learned documents were consulted, including: V0 Analysis Report, EP Reports, and PW1 Reports. V0 staff participated in reviewing the design.**
- **Design issues from Lessons Learned documents and design meetings were compiled into a Design Issues document.**
- **Paul Fingerman's ECS User Interface Style Guide and other checklists will be consulted to ensure EP6 User Interface Design compliance.**
- **Client Software Design Folders containing full sets of scenarios and OMT documentation are available by request.**

# What Evaluators are saying about the EP6 Client Design



- **“You’ve come a long way, incorporated concepts [from the HCIL]; I’m worried that perhaps you’re not leaving enough for us to do.”**
- **“All in all, it looks pretty nice.”**
- **“This is a good start. It will need a lot of work to make it user friendly.”**
- **“I looked at the EP6 Client Design Screens. They look fine to me.”**
- **“The screen mockups we used were easy to read and more or less clear.”**
- **“Overall, EP6 seems to be a much better prototype than the last one we were familiar with - EP4. In particular, we like the ESST. In design, it is better than the searching process of EOSDIS V0.”**

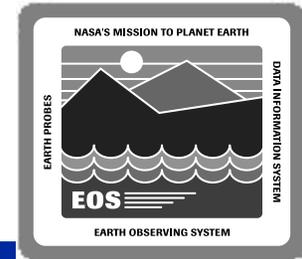
# What Evaluators are saying about the EP6 Design



- **“Overall, my impression of the new look of the ESST is favorable.”**
- **“Basically, I really don’t feel like I can evaluate them because I couldn’t make a lot of sense out of them. The temporal selection screen is gibberish.”**
- **“I like the temporal selection window.”**

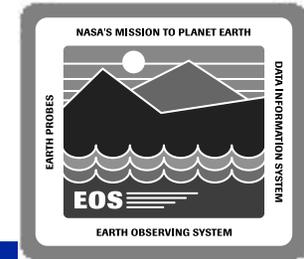
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# EP6 Client Design



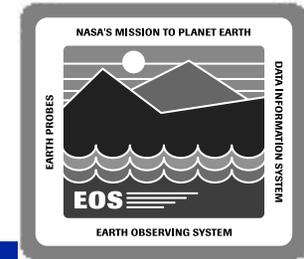
- **Your design package contains:**
  - **Design Review Slides**
  - **EP6 Development Schedule**
  - **Design Documents: Context Diagram, Use Cases, Object Models**
  - **Tirekicker/DAAC feedback report**
  - **Design Issues Document with Developer Responses**
  - **X, WWW application development comparison**

# Earth Science Search Tool



- **Features which will be provided:**
  - **Search Entry**
  - **Langley Timeline**
  - **Langley Map**
  - **Results Display**
  - **Product Request**
  - **Nesting Widget**
  - **Customizable Icon Bar**
  - **Busy/Progress Indicator**
  - **Valid Value Implementation**
  - **Basic User Preferences Tool**
    - **(Preferences which can be selected include: HTML browser pathname, Search Screen icon bar default attributes, and overall Color schemes)**

# Earth Science Search Tool



- **Features which will NOT be provided for EP6 at current resource level**
  - **Most menu options as shown on the design mockups**
  - **Enhancements to timeline, map beyond Langley capabilities**
  - **Complete Service Summary/Selection area on results screen; instead, only one row of checkboxes will be provided**
  - **Numerous configurable items throughout the ESST and PRT**
  - **Drag and drop in icon selection tool**
  - **Help**