

IHS.GOV: Current State & The Future

Catherine Alleva
Web Team Task Lead

Jim Beyer
Web Applications Developer

CNITD / IHS

Presentation Overview

- Current State of the IHS Web
- Web Development
 - Process
 - Changes
- Examples of Web Sites
 - Benefits
- Future Plans
- Questions

The IHS Web

- Internet
 - www.ihs.gov
 - Audience: The general public
 - Types of sites: Job postings and recruitment, area office and facility information, medical programs, etc.
- Intranet
 - home.ihs.gov
 - Audience: Internal IHS employees
 - Types of sites: Internal information sharing, electronic files and records, report generation, etc.

IHS Web Team

- Roles
 - Web Designers
 - Web site design and layout
 - Organization of data
 - Web Application Developers
 - Database driven application development

IHS Web Team

- Roles continued
 - Database Administrator
 - Database access control
 - SQL programming
 - System Administrator
 - Operations and maintenance
 - OS, server and hardware maintenance
 - Documentation Specialist
 - 508 compliant document remediation

Types of Sites

- Static Web Site
 - Static content
 - Information dissemination
 - Content may not change frequently
 - Referred to as brochure sites
- Web Application
 - Software that runs on the web
 - Dynamic content
 - Database driven
 - Performs functions
- Combinations of both

Web Site Request Form

- Initiates web service
- Go to www.ihs.gov
- Click on [Information Technology Resources](#)
- Click on [IHS Web Developer Community](#)
- <http://www.ihs.gov/GeneralWeb/HelpCenter/DevComm/index.cfm>

The screenshot displays the IHS Developer Community website. The main navigation bar includes links for HOME, ABOUT IHS, SITE MAP, and HELP. The central content area features a large banner for the IHS Web Developer Community, followed by a section titled 'Establish an IHS Web Site Account' with links for 'The Tour', 'Procedures to Follow Before Starting a Web Site', and 'Policies and Procedures'. The 'Policies and Procedures' section lists several links, including 'Web Site Request Form', 'IHS Web Standards', 'IHS Standards and Guidelines (PDF - 789 KB)', 'Federal Requirements & Best Practices', 'IHS Guidelines for Section 508', and 'more...'. Below this is the 'IHS Web Resources' section with links for 'Development Assistance', 'Templates', 'Web Development Tips and Tutorials', and 'Image Library'. A 'Return to Top' link is also present. The footer contains various legal and policy links such as 'Accessibility', 'Disclaimers', 'Website Privacy Policy', 'Freedom of Information Act', 'Kids Page', 'No Fear Act', 'Frequently Asked Questions', 'USA.gov', and 'HHS'.

Web Site Request Form

- General information and requirements
- Submit to email address on form
- Reviewed

http://www.ihs.gov/GeneralWeb/HelpCenter/DevComm/Policies/WEBSITEREQUESTFORMV1-5.doc - Windows Internet Explorer


http://www.ihs.gov/GeneralWeb/HelpCenter/DevComm/Policies/WEBSITEREQUESTFORMV1-5.doc

File Edit View Insert Format Tools Table Contribute Go To Favorites Help

Links Customize Links Google resizeTo(1024,768) SIGN IN - Comcast.net Yahoo! Mail

http://www.ihs.gov/GeneralWeb/HelpCenter/DevCo...

1 2 3 4 5 6 7



WEBSITE REQUEST FORM

The items listed below are needed to start the web development process.

1. Has your website been given Division Director Level approval? If so, who is the person authorized to approve website development projects for your department?

Directors Name:
Title:
Department:
Phone #:
E-mail:

2. Designate a Content Manager (CM) in your department. This person will coordinate the website's work requirements with their assigned IHS Web Team Account Representative during the development process and manage content changes.

Content Manager's Name:
Title:
Department:
Phone #:
E-mail:

3. Is the Content Manager a temporary or permanent employee?

Temporary
 Permanent

* If 'Temporary' provide separation date

4. Who will be designing, developing, and coding the site?

Content Manager
 IHS Web Team Account Representative
 Subcontractor *

* If 'Subcontractor' provide name and phone number

Unknown Zone

CPIC

- Projects over 25k
- Primarily applications
- Forms
- Review process



Queue

- After approval
 - Web Services Manager
- Types
 - Static
 - Dynamic
- Priority set by Web Services Manager
- Queue status reviewed weekly

Assignment

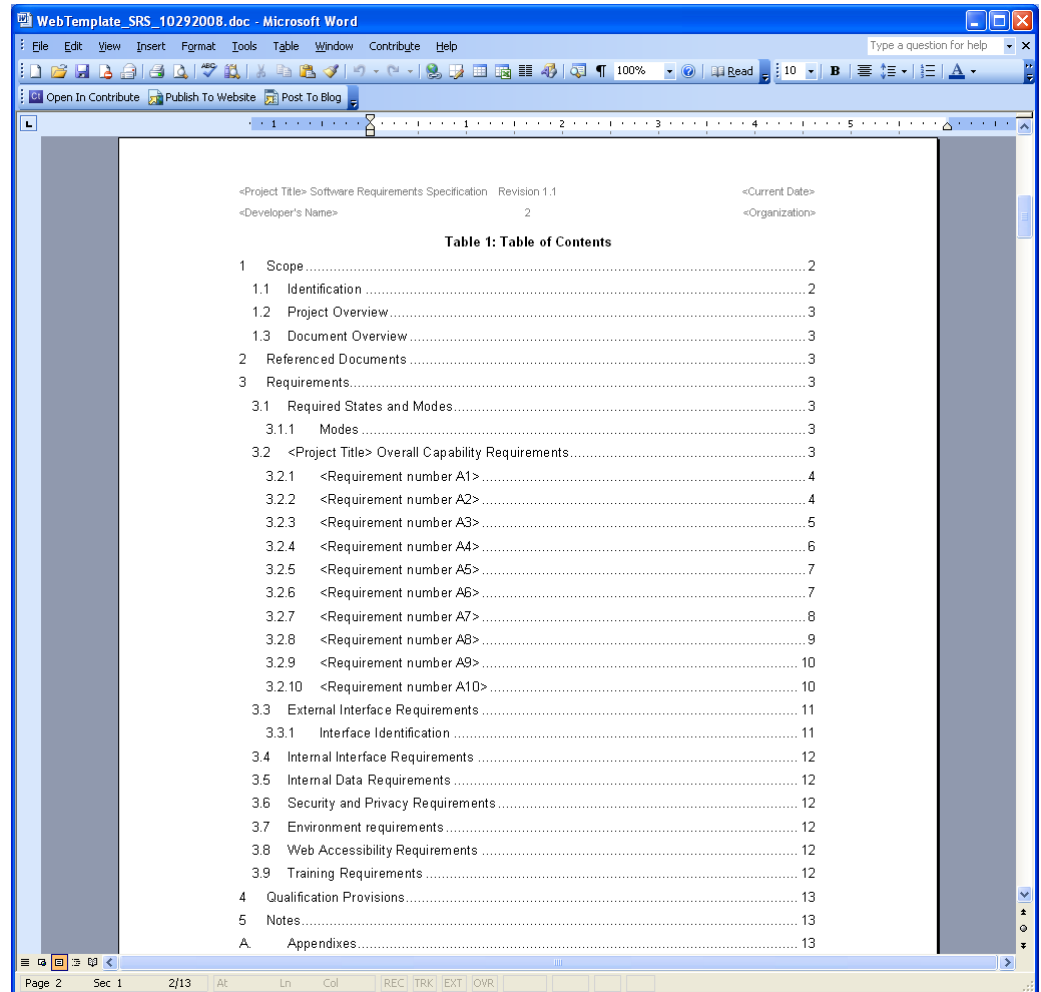
- By Web Team Task Lead
- Assigned to
 - Designer
 - Developer
 - Both

Software Requirements Specification (SRS)

- Applications Only
- Blueprint
- Customer expectations
- Prevents “Scope Creep”
- Federal requirement
 - Software in version releases

SRS

- Template
 - Table of Contents
- Process
 - Approval by customer
 - Copy to Web Services Manager
 - Development work begins



The screenshot shows a Microsoft Word document titled "WebTemplate_SRS_10292008.doc". The document content includes a header with project information and a detailed Table of Contents. The Table of Contents lists sections from 1 to 5, with sub-sections under 3 and 4, and an Appendix A. The page number is 2, and the section is 1.

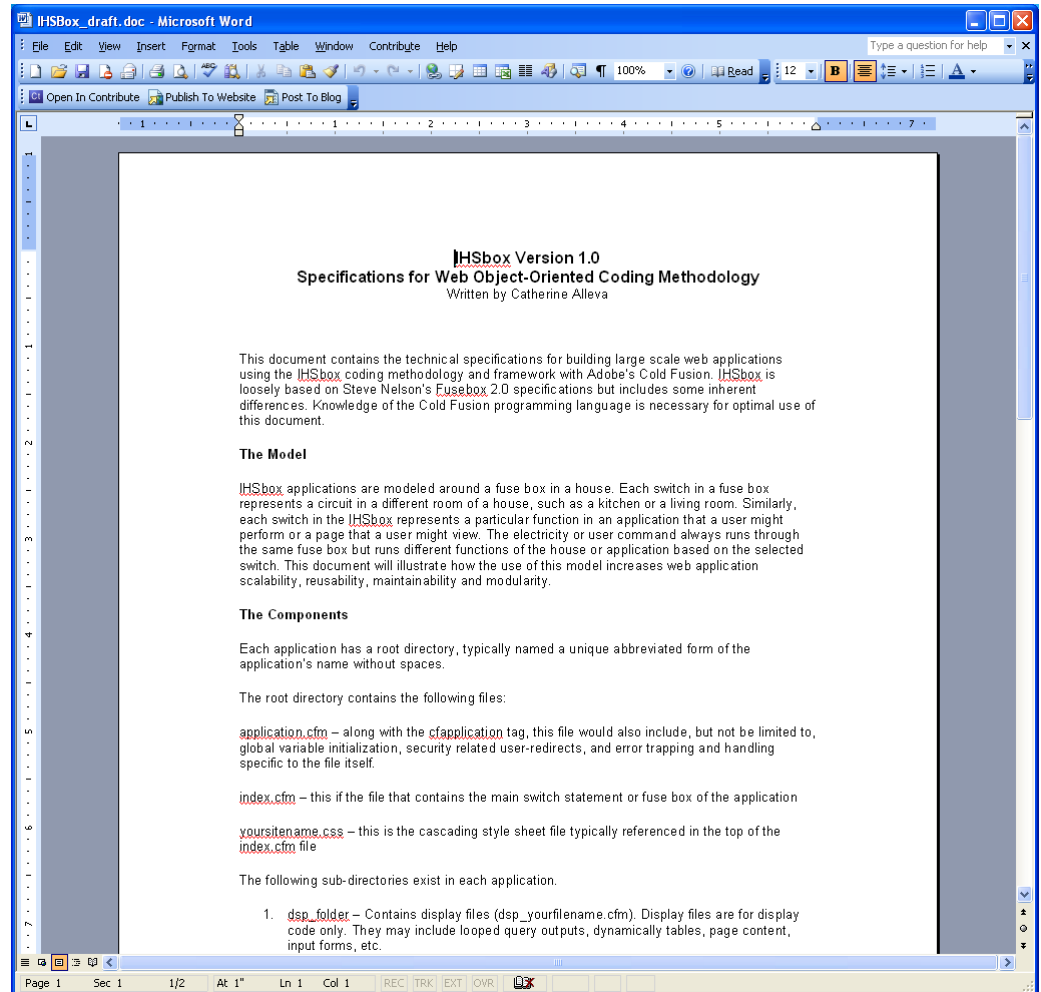
Table 1: Table of Contents	
1	Scope..... 2
1.1	Identification 2
1.2	Project Overview 3
1.3	Document Overview 3
2	Referenced Documents 3
3	Requirements 3
3.1	Required States and Modes..... 3
3.1.1	Modes 3
3.2	<Project Title> Overall Capability Requirements..... 3
3.2.1	<Requirement number A1> 4
3.2.2	<Requirement number A2> 4
3.2.3	<Requirement number A3> 5
3.2.4	<Requirement number A4> 6
3.2.5	<Requirement number A5> 7
3.2.6	<Requirement number A6> 7
3.2.7	<Requirement number A7> 8
3.2.8	<Requirement number A8> 9
3.2.9	<Requirement number A9> 10
3.2.10	<Requirement number A10> 10
3.3	External Interface Requirements 11
3.3.1	Interface Identification 11
3.4	Internal Interface Requirements 12
3.5	Internal Data Requirements 12
3.6	Security and Privacy Requirements 12
3.7	Environment requirements 12
3.8	Web Accessibility Requirements 12
3.9	Training Requirements 12
4	Qualification Provisions..... 13
5	Notes..... 13
A	Appendixes..... 13

Development Work and Testing

- IHSBox
 - Cold Fusion coding methodology
 - Loosely based on Fusebox 2.0
 - Scalability
 - Maintainability
 - Modularity
 - Efficiency

IHSBox

- Document
 - In draft
- Consistency between:
 - Web Team
 - Field Developers
 - Outside Contractors



Site Review

- Submitted to Web Services Manager
- Checks
 - 508 compliancy
 - Standards compliancy
- Corrections made
- Site goes live

Changes

- Content updates
 - Web Team Account Manager
- Modifications to application functionality
 - Web Site Request Form
 - New version release

Jim Beyer – Sites

IHS Business Offices Enhancement

- Type: Static
- Designer:
 - Dan Blackbird
 - Web Designer
 - CNITD / IHS

Purpose

- Public-facing site for Division of Business Office Enhancement and Office of Information Technology
- Major Program Initiatives
- Communication of conferences, meeting minutes and other shared information

Main Menu

- Clean, intuitive user interface
- Color scheme and imagery support initiative message
- Left-side menu makes all major information sections immediately available



IHS Contract Health Services

- Type: Static
- Designer:
 - Dan Blackbird
 - Web Designer
 - CNITD / IHS

Purpose

- Public-facing site Contract Health Services Program
- Program History
- CHS Requirements
- Appeals Process
- Patient Rights
- Resources, Staff, Seminars, etc.

Main Menu

- Clean, intuitive user interface
- Color scheme and imagery support program message
- Left-side menu makes all major information sections immediately available



Office of Tribal Programs (OTP) Database User Manual

- Type: Static
- Designer:
 - Dan Blackbird
 - Web Designer
 - CNITD / IHS

Purpose

- Online manual for using the OTP database (stores mailing addresses for Tribal leaders and provides mailing label printing functions)
- Having the manual online (IHS Intranet) provides accessibility for all users
- Redesign provides easier access to information and specific functions

Main Menu

- Simplified layout
- Administrative and labeling functions grouped logically
- Menu allows direct access to specific information

The screenshot shows a web browser window titled "Office of Tribal Programs Database User Manual - Windows Internet Explorer". The address bar displays "http://home.ih.gov/admin/otpum/index.cfm". The page features a header with the "INDIAN HEALTH SERVICE INTRANET" logo and navigation links: "IHS HOME MY IHS PORTAL DIRECTORY / LOCATOR SITE MAP" and a search bar. A prominent yellow banner reads "Office of Tribal Programs (OTP) Database User Manual". The left sidebar contains a "TABLE OF CONTENTS" menu with sections: "Administrative & Management Resources", "Introduction", "Basic Functions" (with sub-items like Access/Exit, Create Labeling Labels, Generating Reports, Searching for Records), and "Administrative Functions" (with sub-items like Add Records, Delete Records, etc.). The main content area is titled "Introduction" and contains text explaining the manual's purpose and intended users. Below this are sections for "Who should use this Manual" and "How to use this Manual". The browser's status bar at the bottom shows "Local intranet" and "100%" zoom.

Occupant Protection Use System (OPUS)

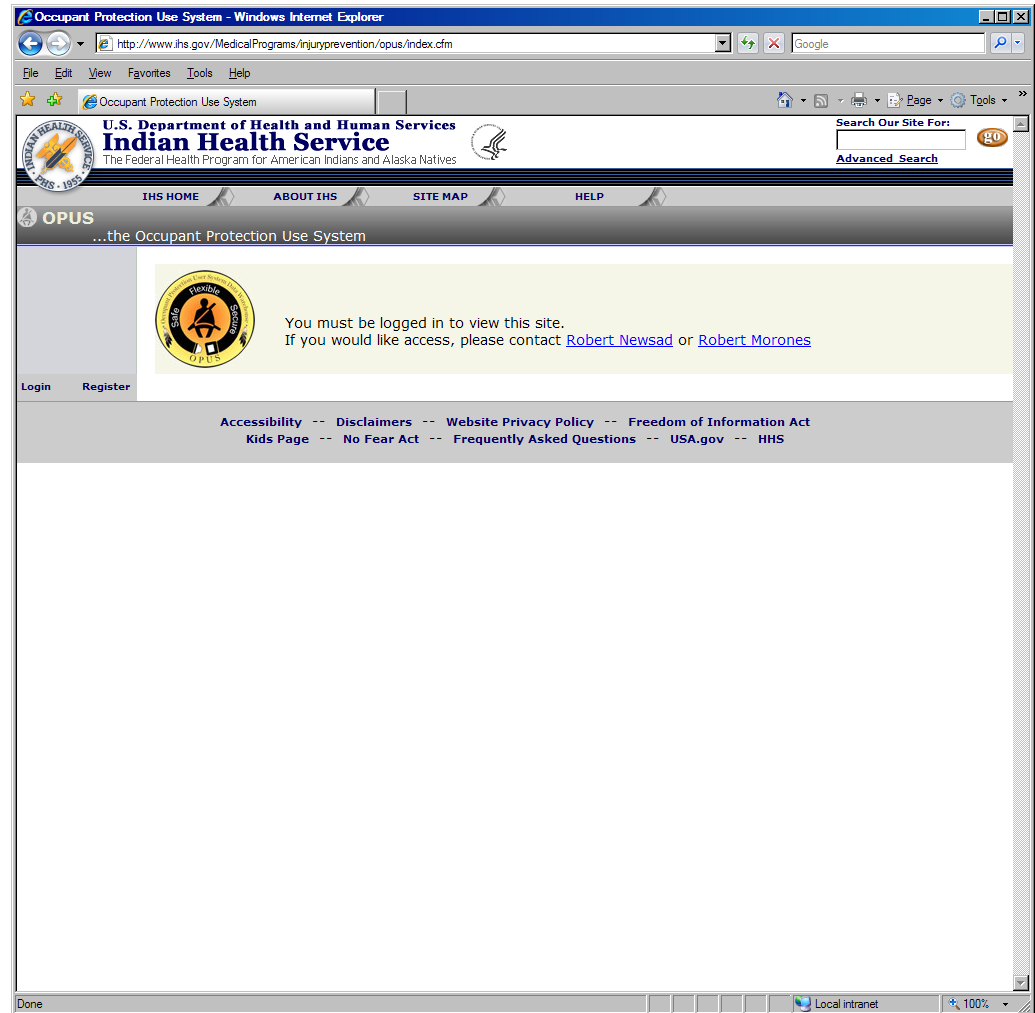
- Type: Application
- Developer:
 - David House
 - Web Developer
 - CNITD / IHS

Purpose

- IHS has been collecting seat belt use data over the past 2 decades
- OPUS provides for real time storage and retrieval of survey results
- Securely archive observation data
- Facilitate establishment of baseline rate for seat belt use on Indian lands in California

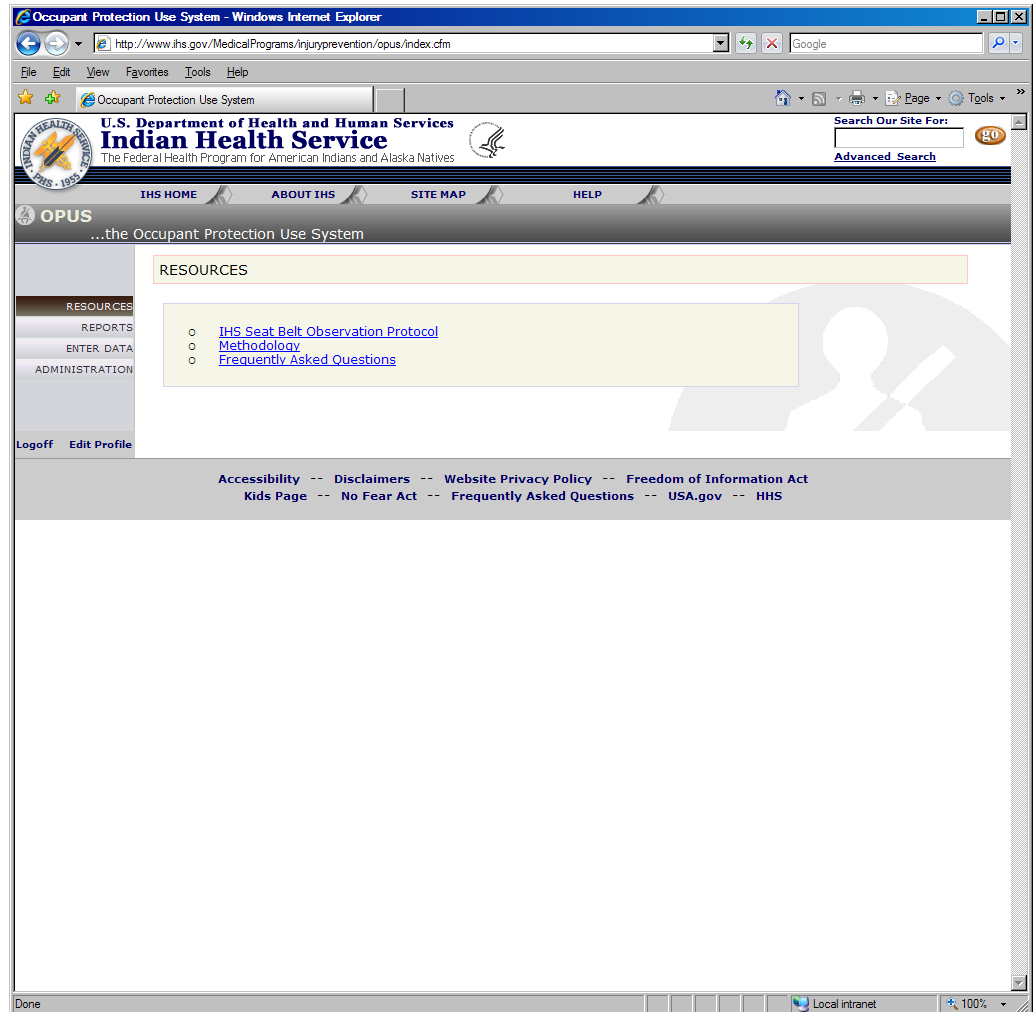
Login Screen

- System use requires login
- Protects data integrity
- Ensures appropriate use



Main Menu

- Resources
 - Protocol
 - Methodology
 - FAQ
- Reports
- Enter Data
- Administration



Reports

- Available by Area, Service Unit and Reservation
- Selection of available years
- Instance and trends data
- Click Location instance to display map
- Click Observer name for email contact

U.S. Department of Health and Human Services
Indian Health Service
 The Federal Health Program for American Indians and Alaska Natives

OPUS
 ...the Occupant Protection Use System

REPORTS BY AREA : CALIFORNIA for 2008

- o [Generate Reports by Area](#)
- o [Generate Reports by Service Unit](#)
- o [Generate Reports by Reservation](#)

Select an area:
 Include Interim Info:

CALIFORNIA Area
 For details, select an available year:
 Include Interim Info:

...or a Custom Date Range for CALIFORNIA :
 Records are available from dates: to: Include Interim Info:

#	Service Unit	Reservation	Location	Driver Yes	Driver No	Pass. Yes	Pass. No	Time Range	Observer	Date
1	INDIAN HLH C	RINCON	33.266389 bv - 116.95388 ...	83	17	48	6	15:00 to 16:00	Arturo Calvo	2/7/08
2	INDIAN HLH C	RINCON	33.266389 bv - 116.95388 ...	70	30	27	5	10:00 to 11:00	Art Calvo	2/11/08
3	INDIAN HLH C	PALA	32.365 bv - 117.069167	31	16	3	6	09:25 to 10:25	Art Calvo	2/12/08
4	INDIAN HLH C	PAUMA-YUIMA	33.339056 bv - 116.98861 ...	24	14	7	6	10:40 to 11:40	Art Calvo	2/12/08
5	INDIAN HLH C	SANTA YSABEL	32.156111 bv - 116.67345 ...	20	18	8	4	14:30 to 15:30	Arturo Calvo	2/25/08
6	INDIAN HLH C	SAN PASQUAL	32.202222 bv - 116.96722 ...	26	15	12	3	14:00 to 15:00	Art Calvo	2/29/08
7	INDIAN HLH C	RINCON	32.2775 bv - 116.960255	30	19	9	3	10:15 to 11:15	Art Calvo	3/14/08
8	INDIAN HLH C	PALA	32.365556 bv - 117.07589 ...	75	25	34	11	13:43 to 14:43	Art Calvo	3/26/08
9	CONSOLIDATED	HOPLAND	38.977804 bv - 123.05935 ...	29	6	12	1	11:04 to 12:04	Mike T	4/9/08
			39.814180 bv -					11:14 to		

Enter Data

- Standardized data entry form for data consistency
- Required fields indicated with *

Occupant Protection Use System - Windows Internet Explorer

http://www.ihs.gov/MedicalPrograms/injuryprevention/opus/index.cfm?module=data

U.S. Department of Health and Human Services
Indian Health Service
The Federal Health Program for American Indians and Alaska Natives

OPUS
...the Occupant Protection Use System

DATA ENTRY 12/01/2008

Observation Date / Time

* Date:
(MM/DD/YY)

* Start Time: Military time (00:00 to 23:59)

* End Time: Military time (00:00 to 23:59)

Location

Area: CALIFORNIA

* North Latitude:
(format: 00.0000000)

* West Longitude:
(format: -000.0000000)

Direction of Traffic: North: South: East: West:

Observation Totals

Drivers Belted: * Yes: * No:

Passengers Belted: * Yes: * No:

Site Description / Notes:

Observer

Find your name in this list:
(...Or enter a new name below)

First Name:

Last Name:

E Mail:

Phone:
(format: (XXX) XXX-XXXX)

Interim Data Collection: Yes: No:

GPS to Longitude/Latitude Converter

Enter latitude: Degrees Minutes Seconds

Admin

- View database records
- View / Edit Observers
- Control system access

The screenshot displays the OPUS web application interface. At the top, there is a search bar and navigation links. The main content area is titled 'ADMIN REPORTS & FUNCTIONS' and contains a list of links for generating reports by area, service unit, or reservation. Below this is a table of 'ALL RECORDS' with columns for Service Unit, Reservation, Location, Driver Yes/No, Pass. Yes/No, Time Range, Observer, and Date. The table lists 16 records, each with a unique ID and associated data.

#	Service Unit	Reservation	Location	Driver Yes	Driver No	Pass. Yes	Pass. No	Time Range	Observer	Date
1	TOIYABE	BIG PINE	37_133320_bv - 118_27421	16	4	5	0	08:00 to 08:40	Sara Vance	2/3/04
2	TULE RIVER	TULE RIVER	36_052455_bv - 118_97803	8	17	3	4	08:15 to 08:40	Heather Dunning	7/11/05
3	UIHS-TSURAI	ELK VALLEY	36_858658_bv - 118_23476	11	1	13	0	10:00 to 13:00	Rose Davis	7/12/05
4	SHINGLE SPRI ...	SHINGLE SPRI ...	38_696926_bv - 120_90063	6	3	2	2	02:25 to 03:30	Kasev Londbaken	7/14/05
5	TOIYABE IHP	BISHOP	37_369570_bv - 118_42306	21	9	4	10	13:00 to 14:00	Jeanne Crowl	7/14/05
6	MACT HEALTH ...	TUOLUMNE RAN ...	37_931923_bv - 120_27071	6	3	2	1	08:30 to 09:40	Gloria Grimes	7/22/05
7	SHINGLE SPRI ...	SHINGLE SPRI ...	38_696926_bv - 120_90063	4	4	1	1	10:30 to 11:30	Kasev Londbaken	9/28/06
8	WARNER MOUNT ...	FORT BIDWELL	41_848589_bv - 120_16460	4	6	0	0	10:00 to 11:00	Karen Santana	7/25/07
9	CENTRAL VALL ...	SANTA ROSA R ...	36_238494_bv - 119_75909	9	9	3	3	13:29 to 14:29	Robert Newsad	8/16/07
10	TULE RIVER H	TULE RIVER	36_026944_bv - 118_79805	32	40	5	17	15:30 to 16:30	Karen Santana	9/13/07
11	TULE RIVER H	TULE RIVER	36_026667_bv - 118_79888	15	36	7	19	15:30 to 16:30	Heather Dunning	9/13/07
12	INDIAN HLH C	RINCON	33_277500_bv - 116_96025	29	16	8	7	10:13 to 11:13	Art Calvo	12/14/07
13	INDIAN HLH C	RINCON	33_266389_bv - 116_95385	83	17	48	6	15:00 to 16:00	Arturo Calvo	2/7/08
14	INDIAN HLH C	RINCON	33_266389_bv - 116_95385	70	30	27	5	10:00 to 11:00	Art Calvo	2/11/08
15	INDIAN HLH C	PALA	33_365_bv - 117_069167	31	16	3	6	09:25 to 10:25	Art Calvo	2/12/08
16	INDIAN HLH C	PAUMA-YUIMA	33_333056_bv - ...	24	14	7	6	10:40 to ...	Art Calvo	2/12/08

Environmental Health Support Center Training System

- Type: Application
- Developers:
 - Catherine Alleva / Jim Beyer
 - Web Developers
 - CNITD / IHS

Purpose

- EHSC provides training and continuing education for IHS Engineers
- System provides essential functionality which was previously unavailable
- Course catalog, course listings & recommendations
- Registration and approvals processing
- Systems administration provides processing and tracking for all courses, classes and students as well as system administration functions

Main Menu

- Clean, intuitive user interface
- Color scheme and imagery support
Program mission
- Left-side menu makes all major information sections immediately available
- Login required for Administrative Functions



Classes & Registration

- Catalog available for download
- Classes can be displayed by Category
- Classes can be sorted by any column
- Click class Name for details and registration info
- System uses email for registration receipts, status notifications, etc.

The screenshot shows the 'U.S. Department of Health and Human Services Indian Health Service' website. The main content area is titled 'ENVIRONMENTAL HEALTH SUPPORT-CENTER TRAINING' and 'Classes & Registration'. There are navigation tabs for 'All', 'EHS', 'EM', 'FAC', 'IEH', 'IP', 'O&M', and 'SFC'. A table lists 54 items, with the following data visible:

NAME	CATEGORY	DATE	LOCATION	STATUS
10 Hour OSHA for the Construction Industry	SFC	7/23/09-7/24/09	Oklahoma City, OK	Available
10 Hour OSHA for the Construction Industry	SFC	7/30/09-7/31/09	Reno, NV	Available
Advanced Course for Safety Officers	IEH	2/23/09-2/27/09	Phoenix, AZ	Available
Basic Course for Safety Officers	IEH	1/12/09-1/16/09	Albuquerque, NM	Available
Basic Plan Review of Healthcare Facilities	FAC	5/6/09-5/7/09	Albuquerque, NM	Available
Basic Surveying	SFC	9/14/09-9/18/09	Albuquerque, NM	Available
Biology and Control of Insects and Rodents	EHS	3/10/09-3/11/09	Gallup, NM	Available
Chlorination & Fluoridation	O&M	8/25/09-8/27/09	Escondido, CA	Available
Combined OSHA for Facilities Managers	FAC	9/22/09-9/24/09	Bemidji, MN	Available
Combined OSHA for Facilities Managers	FAC	3/31/09-4/2/09	Oklahoma City, OK	Available
Combined OSHA for Facilities Managers	FAC	3/31/09-4/2/09	Oklahoma City, OK	Available
Competent Person in Construction	SFC	1/27/09-1/28/09	Oklahoma City, OK	Available
Comprehensive Healthcare Environmental Management Systems	IEH	2/9/09-2/10/09	Gallup, NM	Available
Comprehensive Healthcare Environmental Management Systems	IEH	2/12/09-2/13/09	Oklahoma City, OK	Available
Cross Connection Control	O&M	2/10/09-2/12/09	Fairbanks, AK	Available
Electrical Controls	O&M	3/3/09-3/5/09	Anchorage, AK	Available
Electrical Controls	O&M	4/28/09-4/30/09	Bismarck, ND	Available
Epi-Ready Team Training	EHS	5/27/09-5/28/09	Albuquerque, NM	Available
Essentials of Healthy Housing	EHS	8/4/09-8/5/09	Billings, MT	Available
Facilities Orientation II	FAC	12/1/08-12/5/08	Albuquerque, NM	Available
Food Code	EHS	1/13/09-1/14/09	Rapid City, SD	Available
Group Facilitation Methods	EM	12/16/08-12/17/08	Bloomington, MN	Available
Group Facilitation Methods	EM	6/16/09-6/17/09	Portland, OR	Available
Healthcare Electrician Online Training	FAC	1/10/09-7/31/09	Online	Available
Healthcare Safety Accreditation	FAC	3/10/09-3/12/09	Albuquerque, NM	Available

At the bottom of the page, there are links for Accessibility, Disclaimers, Website Privacy Policy, Freedom of Information Act, Kids Page, No Fear Act, Frequently Asked Questions, USA.gov, and HHS.

Recommendations

- Course recommendations by job categories
- Clicking course name brings up detailed course description

The screenshot displays the 'EHSC Training' page on the U.S. Department of Health and Human Services Indian Health Service website. The page features a navigation menu with links for 'IHS HOME', 'ABOUT IHS', 'SITE MAP', and 'HELP'. A search bar is located in the top right corner. The main content area is titled 'ENVIRONMENTAL HEALTH SUPPORT CENTER TRAINING' and includes a 'Recommendations' section. This section lists recommended courses for five job categories: Area Engineer, District Engineer, Engineer Tech, Environmental Health Specialist/Sanitarian I, and Environmental Health Specialist/Sanitarian II. Each category lists several course titles, such as '10 Hour OSHA for the Construction Industry', 'Advanced LDD', 'AutoCAD Map', 'Electrical System Design for Non Electrical Engineers', 'Facility Design-Build', 'GIS Applications in Public Health', 'Midlevel Engineers Technical Course', 'NEC 2005', 'NEPA', 'Professional Training Techniques', 'Risk Communications', 'SFC Data Systems', '10 Hour OSHA for the Construction Industry', 'Advanced LDD', 'AutoCAD Map', 'Electrical System Design for Non Electrical Engineers', 'GIS Applications in Public Health', 'Midlevel Engineers Technical Course', 'NEC 2005', 'NEPA', 'Onsite Wastewater', 'SFC Data Systems', 'Solid Waste Management', '10 Hour OSHA for the Construction Industry', 'Basic Surveying', 'Basic Water Skills', 'Electronic Surveying', 'Onsite Wastewater', 'Pumps & Pumping Systems', 'Water Distribution', '10 Essentials/PACE', 'Basic Water Skills', 'Epi Info 2008', 'Food Code', 'Introduction to Injury Prevention', 'Professional Training Techniques', 'SAFE Playground Assessment', 'Spa/Pool Inspector's Course', '10 Essentials/PACE', 'Epi Info 2008', 'GIS Applications in Public Health', 'Group Facilitation Methods', 'Implementing PACE in Indian Communities', 'Intermediate Injury Prevention', and 'Managing Retail Food Safety'. A sidebar on the left contains links for 'Nationwide Programs and Initiatives', 'EHSC Training Home', 'Classes & Registration', 'Recommendations', 'Coordinators', 'Resources', 'ADMINISTRATORS', 'LOGIN', 'REGISTER', and 'Questions? Contact Your Training Coordinator'. The site contact information is listed as 'Site Contact: Dan Heintzman'.

Coordinators

- Lists all EHSC Training coordinators, by Area, with all contact information

The screenshot shows a web browser window displaying the EHSC Training page. The page header includes the U.S. Department of Health and Human Services logo and the Indian Health Service logo. The main content area is titled "Coordinators" and lists contact information for various areas. The footer contains links for Accessibility, Disclaimers, Website Privacy Policy, Freedom of Information Act, Kids Page, No Fear Act, Frequently Asked Questions, USA.gov, and HHS.

Area	Name	Position	Contact Information
ABERDEEN	Tiffany Russell	Administrative Assistant	OEHE 115 4th Ave. SE Aberdeen, SD 57401 (605) 226-7452 tiffany.russell@ihs.gov
	Louis Erdrich	Director	OEHE Federal Building Room 216 Bemidji, MN 56601 (218) 444-0507 louis.erdrich@ihs.gov
BEMIDJI	Barbara Tulloch	Staff Assistant	ES Dallas 1301 Young St. Rm 1071 Dallas, TX 75202 (214) 767-3493 barbara.tulloch@ihs.gov
	Scott Helgeson	Chief	SFC 711 Stewarts Ferry Pike Nashville, TN 37214 (615) 467-1537 scott.helgeson@ihs.gov
NASHVILLE	Michael Welch	Acting Assoc. Director	OEHE 40 North Central Ave., Suite 600 Phoenix, AZ 85004 (602) 364-5068 michael.welch@ihs.gov
	Michael Welch	Acting Assoc. Director	OEHE 40 North Central Ave., Suite 600 Phoenix, AZ 85004 (602) 364-5068 michael.welch@ihs.gov
PHOENIX	Rena Gill	Office Automation Assistant	OEHE 1220 SW 3rd Ave, Rm 476 Portland, OR 97204 (503) 326-2014 rena.gill@ihs.gov
	Rena Gill	Office Automation Assistant	OEHE 1220 SW 3rd Ave, Rm 476 Portland, OR 97204 (503) 326-2014 rena.gill@ihs.gov
PORTLAND	Ed Lohr	Director Tribal Utility Support	1901 S. Bragaw Suite 200 Anchorage, AK 99508 (907) 729-3527 elohr@anthc.org
	Carol Boerner	Director	SFC 2900 4th Ave. North, Box 2143 Billings, MT 59103 [406] 247-7082 carol.boerner@ihs.gov
BILLINGS	Jean Johnson	Secretary	ES Seattle 2201 6th Ave., MS 24 Seattle, WA 98121 (206) 615-2452 jean.johnson@ihs.gov
	Jean Johnson	Secretary	ES Seattle 2201 6th Ave., MS 24 Seattle, WA 98121 (206) 615-2452 jean.johnson@ihs.gov
ESSEATTLE	Russ Pederson	Director	OEHE 5300 Homestead Rd. NE Albuquerque, NM 87110 (505) 248-4275 russel.pederson@ihs.gov
	Paul Young	Director	OEHE 650 Capitol Mall Suite 7-100 Sacramento, CA 95814 (916) 930-3945 ext. 336 paul.young@ihs.gov
ALBUQUERQUE	Fan Robinson	Director	OEHE 701 Market Drive Oklahoma City, OK 73114 [405] 951-3702 fan.robinson@ihs.gov
	Fan Robinson	Director	OEHE 701 Market Drive Oklahoma City, OK 73114 [405] 951-3702 fan.robinson@ihs.gov
OKLAHOMA	Don Williams	Environ Health Spec III	7900 South J Stock Road Tucson, AZ 85746 (520) 295-2580 donald.williams@ihs.gov
	Don Williams	Environ Health Spec III	7900 South J Stock Road Tucson, AZ 85746 (520) 295-2580 donald.williams@ihs.gov
TUCSON	Selection Pending	none	IHS HQE Indian Health Service 12300 Twinbrook Parkway, Suite 610 Rockville, MD 20852 [301] 443-1247 reanna.chavez@ihs.gov
	Selection Pending	none	IHS HQE Indian Health Service 12300 Twinbrook Parkway, Suite 610 Rockville, MD 20852 [301] 443-1247 reanna.chavez@ihs.gov
HEADQUARTERS	Selection Pending	none	IHS HQE Indian Health Service 12300 Twinbrook Parkway, Suite 610 Rockville, MD 20852 [301] 443-1247 reanna.chavez@ihs.gov
	Selection Pending	none	IHS HQE Indian Health Service 12300 Twinbrook Parkway, Suite 610 Rockville, MD 20852 [301] 443-1247 reanna.chavez@ihs.gov

Resources

- Links and documents pertinent to EHSC training

The screenshot displays the website for the U.S. Department of Health and Human Services Indian Health Service. The page is titled "Environmental Health Support Center Training" and is part of the "Resources" section. The website header includes the U.S. Department of Health and Human Services logo and the Indian Health Service logo. The main content area lists several resources, including links to the DHHS LMS Login, Environmental Health Core Competencies, National Center for Environmental Health (US CDC), and Office of Environmental Health and Engineering. Below these links, there are several PDF documents and zip files available for download, such as the Environmental Guidance Transmittal Letter, Environmental Review Manual, FY 2008 EHSC Training Descriptions, HHS Real Property and Human Capital Management Plan, IHS Drafting Standard, IHS Drafting Standard Documents, IHS Drafting Standard Settings, Solid Waste Training, and STARS User Manual. The page also features a search bar and a sidebar with navigation links like "EHSC Training Home", "Classes & Registration", "Recommendations", "Coordinators", and "Resources".

Admin

- Month at a glance
- Manage Students
- Coordinator Approvals
- EHSC Approvals
- Class Roster
 - Class Roster Listing
 - Drop/Restore Students
 - Send Email to Class
 - Print Roster Detail
 - Class totals by Reg. Status
- System Management
 - Manage Courses
 - Recommend Courses
 - Manage Classes
 - Update Catalog
 - Update Resources
 - Update Coordinators
 - Manage Users

The screenshot shows the 'EHSC TRAINING SITE ADMINISTRATION' web application. The page header includes the U.S. Department of Health and Human Services logo and the Indian Health Service logo. The main content area is titled 'EHSC TRAINING SITE ADMINISTRATION' and features a 'Month At A Glance' section for December 2008. The table below shows the following data:

CLASS NAME	DATES	LOCATION	STATUS	ACTIVE STUDENTS REGISTERED
Facilities Orientation II	12/01/08-12/05/08	Albuquerque, NM	Available	14
Project Management (PM1)	12/08/08-12/12/08	Anchorage, AK	Available	3
Infection Control Practitioner	12/09/08-12/10/08	Phoenix, AZ	Cancelled	0
Group Facilitation Methods	12/16/08-12/17/08	Bloomington, MN	Available	25

Information Technology Access Control (ITAC) System Overview

- Type: Application
- Developer:
 - Jim Beyer
 - Web Developer
 - CNITD / IHS

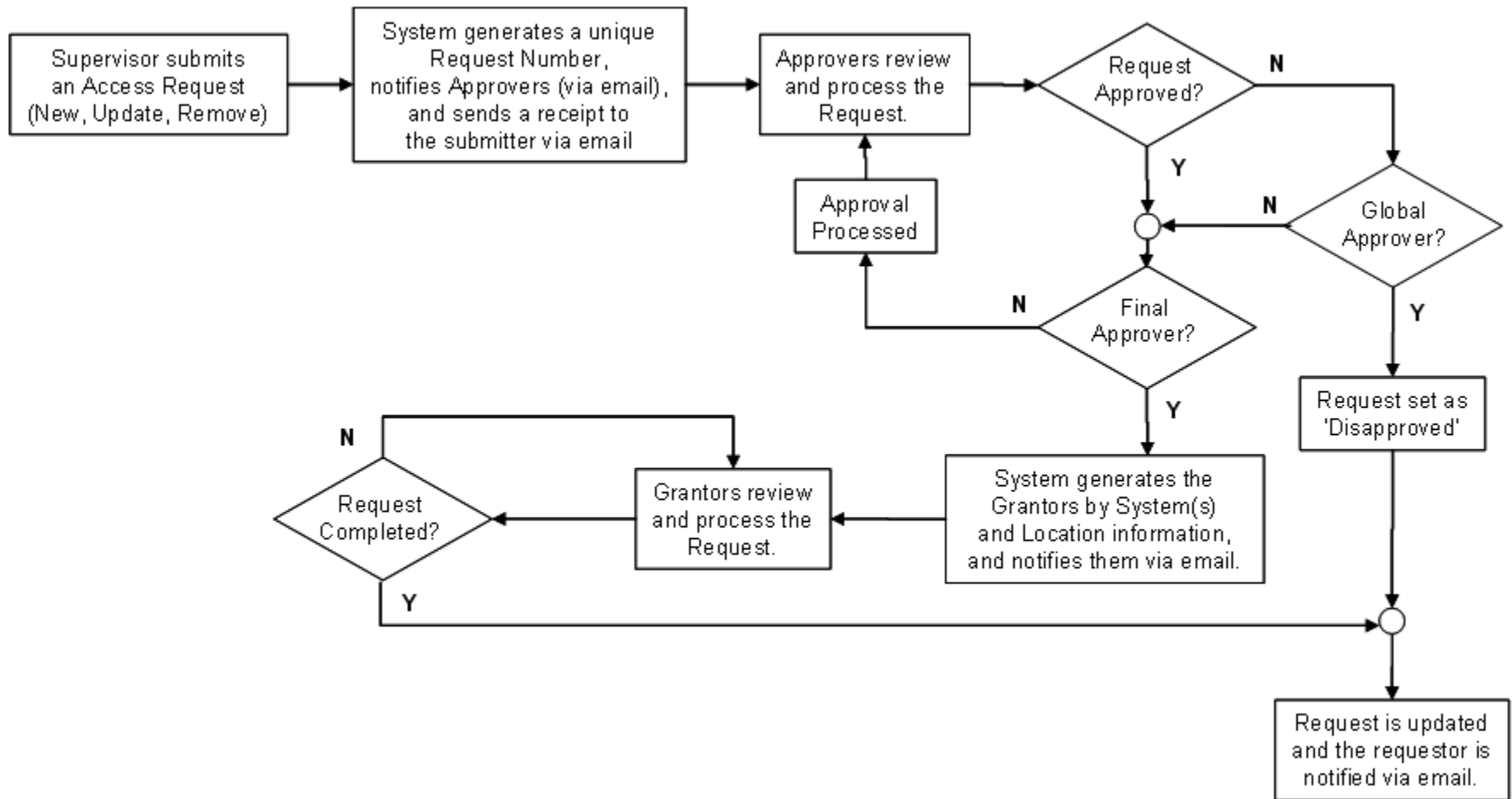
ITAC System Highlights

- Replaces existing paper form-based ITAC processing
- Online, real-time system includes form submission, workflow, processing and reporting functions
- Composed of 3 Sub-Systems:
 - Request Submission Sub-System (Internet)
 - Request Processing Sub-System (Intranet)
 - Automated Processing Sub-System (Server)
- 100% SSL (encrypted) for All Functions (for security)
- Transaction Logging of all systems activity (for security)

ITAC System Benefits

- Improved processing efficiency and accuracy
- Online systems shorten time required for routine tasks (access updates, team management, annual access review, etc.)
- Real-time request status & tracking
- Real-time agency-wide access status
- Improved situational awareness for team, facility, and Area accesses

ITAC Access Request Processing Flow



Request Submission Sub-System

- Primarily Used by Supervisors
- Login Required
- 3 Request Types
 - New Access
 - Update Access
 - Remove Access
- Drafts Processing
- Annual Access Review
- Team Management
- Request Tracking

The screenshot shows a web browser window displaying the IHS Information Technology Access Control (ITAC) DEV interface. The browser title is "IHS - Information Technology Access Control (ITAC) DEV - Windows Internet Explorer". The address bar shows the URL "https://wwwdev.ihs.gov/cio/itac/index.cfm?module=home&option=main". The page header includes the U.S. Department of Health and Human Services logo and the Indian Health Service logo, with the text "Indian Health Service The Federal Health Program for American Indians and Alaska Natives". The main content area is titled "Request Submission Sub-System" and features a "Welcome!" message. The welcome message states: "Welcome to the Information Technology Access Control (ITAC) system, **Request Submission** Sub-System. The purpose of this system is to enable qualified Indian Health Service (I H S) personnel to submit requests for access to computer and network resources." It also notes: "Appropriate supervisors can submit **new access**, **update access** or **remove access** requests for their team members, as well as perform required **annual access reviews** and **team management** functions." Below this, it lists requirements to access the system: "1. **An IHS Web Login:** If you have an I H S Web Systems Login (username and password), you can login by clicking the 'Login' button (left). If you do not have an I H S Web Systems Login, you can register with the system by clicking the 'Register' button (left). 2. **System Permissions:** For permissions to access this system, you will need to have your supervisor submit an access request for this system." A personalized welcome message reads "Welcome, Jim Beyer99." The left sidebar contains navigation links: "ITAC Home", "New Access", "Update Access", "Remove Access", "Drafts", "Annual Access Review", "Team Management", and "Request Tracking". The footer includes a "LOGOFF" button, a "PROFILE" button, and a note about required plug-ins: "These plug-ins may be required for the content on this page: Acrobat". At the bottom, there are links for "USA.gov", "Accessibility", "Disclaimer", "Website Privacy Policy", "Freedom of Information Act", "Kid's Page", "Contact", and a "CERTIFIED 07/2008" logo. The page footer text reads: "Indian Health Service (HQ) - The Reyes Building, 801 Thompson Avenue, Ste. 400 - Rockville, MD 20852".

Request Processing Sub-System

- Used by Approvers, Grantors, ISC, ISSO and ITAC System Administrators
- Login Required, Dynamic Menu Based On User Role(s)
- Approvals Processing
- SysAdmin (Grantor) Processing
- Manage Area Settings
- Manage Role Assign
- Manage Sched. Tasks
- Manage Sys. Settings
- Manage Area/SU/Fac.
- Reports
- Request Tracking
- Version: 1.0
Release: 1.0.0
Date: 11/10/2008
- LOGOFF PROFILE
- Area, Service Unit, Facilities
- Reports, Request Tracking

The screenshot displays the IHS Information Technology Access Control (ITAC) DEV web application. The browser window title is "IHS - Information Technology Access Control (ITAC) DEV - Windows Internet Explorer". The address bar shows the URL "https://home.dev.ihs.gov/444/ITSC-CIO/ITAC/index.cfm?module=home&option=main". The page header includes the "INDIAN HEALTH SERVICE INTRANET" logo and the text "INFORMATION TECHNOLOGY ACCESS CONTROL". The main content area is titled "Request Processing Sub-System" and features a "Welcome!" message. The text reads: "Welcome to the Information Technology Access Control (ITAC) system, **Request Processing** Sub-System. The purpose of this system is to process requests submitted for access to information technology resources." Below this, it states: "Available functions are dynamic, based upon your user role." A list of functions is provided: "1. **An IHS Web Login:** If you have an IHS Web Systems Login (username and password), you can login by clicking the 'Login' button (left). If you do not have an IHS Web Systems Login, you can register with the system by clicking the 'Register' button (left)." and "2. **System Permissions:** For permissions to access this system, you will need to have your supervisor submit an access request for this system." At the bottom of the main content area, it says "Welcome, Jim Beyer." The footer contains navigation links: "No Fear Act", "Directory / Locator", "My IHS Portal", "HHS", "FAQs", "Privacy", "Disclaimer", "FOIA", "Accessibility", and "Webmaster".

Automated Processing Sub-System

- Processes schedule tasks for 'behind-the-scenes' system processing
- Types of processes:
 - Annual Access Review deadline notifications
 - Disabling of temporary accesses, and appropriate notifications
 - Automated generation of 'remove' requests for disabled accounts greater than 30 days old (configurable)
 - Automated notification of appropriate Supervisors and ISSO's of system-generated remove requests

Catherine Alleva - Future

IHS.gov looking forward

- Section 508 Remediation
- Changing our vision
 - Patient and customer focus
 - IHS.gov redesign
- Focus on usability

Section 508 of the Rehabilitation Act

- December 2007 HHS and all OPDIVS were alerted of non-compliance
- 5 year remediation plan
 - 90% or higher compliance rate requested by the ADA (Accessing Digital America)
- Deadline end of FY 2012
 - HTML
 - Documents

Changing our Vision

- IHS.gov past
 - Repository of all information available
 - No specific focus
- Patient and customer focused websites
 - Information which is truly useful to our audiences
 - Creating websites with content specifically aimed at patients and customers of the IHS programs

IHS.gov Redesign

- Long and detailed effort
- Changes to category names
 - User-centric naming
- Aesthetic
 - More personalized for IHS (photos from hospitals)
- Directors Corner
 - quarterly post from the Director of IHS
 - more personal touch to the site
- Much more...

Usability

- Testing with actual users
- Implementing usability
 - Part of the process
 - Training
 - Testing

Where can I get more information?

- IHS Web Developer Community
 - Go to www.ihs.gov
 - Click on [Information Technology Resources](#)
 - Click on [IHS Web Developer Community](#)

Information

- Take 'The Tour'
- Procedures to follow before starting
- IHS Web Standards
- Section 508 Guidelines

The screenshot shows the IHS Developer Community Home Page in a Windows Internet Explorer browser window. The browser's address bar displays the URL: <http://www.ihs.gov/GeneralWeb/HelpCenter/DevComm/index.cfm>. The page header includes the U.S. Department of Health and Human Services logo and the text "Indian Health Service - The Federal Health Program for American Indians and Alaska Natives". A search bar is located in the top right corner with the text "Search Our Site For:" and a "GO" button. Below the header is a navigation menu with links for "IHS HOME", "ABOUT IHS", "SITE MAP", and "HELP". The main content area features a "Help Center" sidebar on the left with links for "HOME", "Establish An IHS Web Site Account", "Policies and Procedures", "IHS Web Resources", and "References". The main content area is titled "IHS Web Developer Community" and includes a "The central location for information to create and maintain a website on the IHS Internet and Intranet" section. Below this are sections for "Establish an IHS Web Site Account" (with links for "The Tour", "Procedures to Follow Before Starting a Web Site", and "Policies and Procedures"), "Policies and Procedures" (with links for "Web Site Request Form", "HHS Web Standards", "IHS Standards and Guidelines", "Federal Requirements & Best Practices", "IHS Guidelines for Section 508", and "more..."), and "IHS Web Resources" (with links for "Development Assistance", "Templates", "Web Development Tips and Tutorials", and "Image Library"). A "Return to Top" link is also present. A "References" sidebar on the right contains links for "Usability", "Section 508", "MacroMedia", "Contribute", and "Site Modifications Status". A "Development Policies" section is highlighted in a yellow box, titled "In The Spotlight", and contains text about HHS Usability Guidelines and instructions for using the IHS Login System. The footer of the page includes links for "Accessibility", "Disclaimers", "Website Privacy Policy", "Freedom of Information Act", "Kids Page", "No Fear Act", "Frequently Asked Questions", "USA.gov", and "HHS".

Questions?

- Contact Information
 - Catherine Alleva
 - catherine.alleva@ihs.gov
 - 505-248-4469
 - Jim Beyer
 - jim.beyer@ihs.gov
 - 505-248-4270
- Questions?