



Technology Management and Telecommunications Team (TMT)

**ISC Meeting
November 19-20, 2003**



Technology Management & Telecommunications

- HHS NET (VBNS Network)
 - Greg Brolund, CTO, OS, HHS
- FTS Costing
 - Brett Kozisek, FTS Federal
 - Roger DeLucia, FTS Federal (via Audio)
- HHS E-Mail Consolidation
- IHS E-Mail Conversion
 - Karen Ware
 - Active Directory status
 - Jem Davis (DELL – via Video Conference)
- Universal Service Access Charge Processing
 - Brad Platero
- FTS/MCI Billing - need to update PBX's to get origin numbers for proper billing allocation.
 - Shirley Zuni
- Cache Conversion, License and Operating System/Platform
 - Dale Smith/Rick Pullen
- Status of FIFO File
 - Dale Smith, Rick Pullen
- General Discussion
 - Status of the proposed Microsoft Update System
 - National Telemedicine Plans
 - TMT Staff Update

Fisher



HHS NET

- To Provide One HHS
- Cost Effective High Speed Network
 - New Technology
 - VBNS + from MCI
 - Very High Speed Backbone Network Service
- IHS Connections to HHS Net
 - HQ & national programs
 - 13 Area Offices
 - Engineering Offices
 - Seattle
 - Dallas
 - Sites where current Frame Relay
 - Above 512 (768 Kbps)
- New routers for IHS Area Offices
- Additional Interface cards for selected sites
- IHS uses partnerships for it remote facilities to achieve cost effective high speed connections



HHS E-Mail Consolidation

Fisher

- Awarded to SRA for the planning and integration
- Key Points
 - Naming
 - Standard
 - Tom.Fisher@IHS.HHS.GOV
 - Duplicates
 - Tom.Fisher1@IHS.HHS.GOV
 - Incoming mail will be routed via HHS
 - HHS has not yet awarded contract of actual Hardware/Software configuration
 - ISH will continue to migrate to Active Directory/Widows 2003 server

Karen Wade



Active Directory Migration Schedule
Contingent upon 2003 migration contract with Dell
Contract to be in place by Dec 1, 2003

Sites Currently Running Windows 2000

- ITSC
- Headquarters
- Phoenix Area Office
- Phoenix Indian Medical Center
- Navajo Area Office
- Navajo Area in process
- Oklahoma Area Office workshops in process

December 2003	January 2004	February 2004
Week 1 Oklahoma Area Office 2000	Week 1 ITSC 2 nd week Lab	Phoenix Area Office Windows 2003
Week 2 Oklahoma Area Office 2000	Week 2 ITSC Windows 2003	PIMC upgrade to 2003
Week 3 ITSC 1st week Lab	Week 3 Headquarters Windows 2003	Navajo Area Office upgrade to 2003
Christmas	Week 4	California Area 2003
New Years		Oklahoma 2003 – After February
		Albuquerque Area 2003

Remaining sites need to be contracted and scheduled.



Universal Service Funds

- **Current processing status of ITSC-TMT USF Responsibility:**
 - ITSC has completed all forms necessary for funding for funding cycle 2002, Year 5 for all Areas under ITSC TMT responsibility.
 - ITSC-TMT has submitted/applied for upcoming funding season. Awaiting MCI pricing of Rural/Urban difference in each area. Upon receiving this information, the remaining forms will be submitted.
 - Aberdeen, Bemidji, California, & CHRIB have been awarded funding for current funding year.
 - Nashville, Phoenix, Tucson, and Oklahoma is still under review by USAC in New Jersey



Universal Service Funds

- Areas Monitored by ITSC-TMT:
 - Aberdeen
 - Bemidji
 - California
 - CRIHB
 - Nashville
 - Phoenix
 - Tucson
 - Oklahoma
- Areas Process their own Universal Service Fund:
 - Billings
 - Portland
 - Albuquerque
 - Navajo



IHS FTS Billing Issues

- Posting of FTS Costs to Web
 - <http://home.ihs.gov/ITSC-CIO/WAN/costs.cfm#MCISummarized>
- Billing Issues
 - Hierarchy Codes incorrectly Entered
 - Accounts in Incorrect Area
 - Switches not sending current calling number to MCI Billing
 - Checked PBX to assure sending information
 - Contacting sites to have additional hardware installed

ITSC Briefing



Site Status for Call Station Identifier

SITE NAME	REASON:
CLAREMORE HOSPITAL	Site plans to do an upgrade of their system the first of the year
CLINTON INDIAN HOSPITAL	Site plans to do an upgrade of their system, no date was given
WW HASTINGS INDIAN HOSPITAL	Site has card and software but did not have cable, will schedule installation
CHEROKEE NATION RED BIRD SMITH HLTH CENTER	No money in budget
CHEROKEE NATION WILMA P. A MANKILLER HLTH CENTER	No money in budget
LAWTON PHS INDIAN HOSPITAL	Talking to Vendor about quote
CHICKASAW CARL ALBERT INDIAN HOSPITAL	May not have money in budget
ANADARKO HLTH. CENTER	Talking to Vendor about quote
PAWNEE PHS INDIAN HEALTH CENTER	No money in budget
PAWHUSKA CLINIC	No money in budget
SAM HIDER CLINIC	No money in budget
NOWATA CLINIC	No money in budget
FT. DEFIANCE HOSPITAL	Talking to Vendor about quote
CHINLE HOSPITAL	Talking to Vendor about quote
NAVAJO AREA OFFICE	Talking to Vendor about quote
SELLS INDIAN HOSPITAL	Talking to Vendor about quote
PHOENIX INDIAN MEDICAL CENTER	Talking to Vendor about quote
CROWNPOINT HOSPITAL	Talking to Vendor about quote
GALLUP INDIAN MEDICAL CENTER	Talking to Vendor about quote
POARCH BAND OF CREEK INDIANS HLTH.DEPT.	Waiting for quote from Vendor
SANTA FE HOSPITAL	Waiting for quote from Vendor
HASKELL	Waiting for quote from Vendor



Technology Management & Telecommunications

Telecommunications

- Functions
 - FTS Billing
 - Bill consolidation
 - Balancing of reports
 - FTS Order Processing
 - Radio Frequency Allocations
 - Video/Audio Conferencing (Setup/scheduling)
 - Universal Service Funds Tracking
 - Government Emergency Telephone Service (GETS)
 - PBX and Voice Mail Support for Albuquerque facility
 - Telecommunications Service Priority (TSP)
- Current Staff
 - Two (2) Federal
 - One (1) Federal Position – Retired
 - One (1) CO part time
- Priorities
 - FTS Ordering and Processing
 - Telecommunications Service Priority (TSP)
 - Universal Services Fund.
- Issues & Staffing Concerns
 - Need to Replace (Back fill) Retired Position



Secure File Transfer Package

- To provide a secure method of transferring files from the IHS to trading partners outside
 - Use of licenses to distribute remote client
 - Capable of working with a Firewall System
 - Drag & Drop capabilities
 - Operates under Windows and UNIX environments
 - Based of Certificates
 - Return Receipt posed in log
 - Logging Facilities
 - Automated file transfers
 - Local Site
 - Drop file into the input file system and the package will pick it up
 - Encrypt
 - Transmit
 - Remote side
 - Files are placed in predefined target file
 - De-encrypted if required
 - Hyper-Ship
 - Current used by the Post Office
 - Current have 40 licenses



Technology Management & Telecommunications

Computer Systems Management

- Functions
 - System Support
 - AIX, NT installation and Upgrades
 - Cache Conversions
 - DNS Support
 - ARMS Consolidation
 - Development OS Support (Virtual Machines)
 - AIX Support of NIPRS
 - Individual Site Support (Example Aberdeen)
 - NIPRS AIX Support
 - Network Monitoring Server Support
- Current Staff
 - Two (2) federal Positions
 - Two (2) Contractors
 - One (1) Offsite Contractor
- Priorities
 - Cache Conversion
 - ARMS Consolidation
 - Upgrade AIX 5.2 (Security)
- Issues & Staffing Concerns

ITSC Briefing



Technology Management & Telecommunications

Local Area Network & Office Automation (120 Servers/140 users)

- Functions
 - Local & National Systems Administration
 - Support two NOS WinNT/Exchange 5.5 & Win2k/E2k
 - E-mail & Gateway Support
 - DNS/WINS/DHCP Issues
 - LAN Equipment – Switches, Cabling, Hubs
 - User Support
 - PC/Desktop Hardware & Software
 - VPN & Dial-in
 - Laptops
 - Local & National Security Support
 - Enterprise Antivirus
 - Server updates through HFNetCheck Pro
 - PC updates through SMS
 - System Backup & Recovery
 - Intrusion Monitoring – Peregrine
- Current Staff
 - One (1) Federal
 - Seven (7) Contractors
- Priorities
 - Procedures (Recovery/Disaster)



Technology Management & Telecommunications

Wide Area Network (450 Routers)

- Functions
 - Network Trouble Calls (MCI Lines)
 - Router Configurations and Maintenance
 - IP/NAT address allocation and reconfiguration
 - Networking Monitoring
 - What's Up
 - IDS (Security) Implementation
 - Hardware Installation and Monitoring
 - Firewall configuration
 - Web-Sense Support (National Programs)
 - License monitoring and software uploads for all areas
 - Network Design & Equipment selection
 - Network Software & Hardware replacement
 - Key Routers on Maintenance
 - Other Spare Parts on Site at ITSC.
 - Virus Tracking and Network Blocking
- Current Staff
 - One (1) Federal Position – Retired
 - Three (3) Contractors
 - One (1) CO part time
- Priorities
 - HHSNET Integration
 - Installation of Hub Area routers with encryption
- Issues & Staffing Concerns