

NASA SPECSINTACT
Configuration Control & Coordinating Board
(NS-CCCB) Meeting December 9-10, 1999
NASA Headquarters, 300 E St., S.W., Washington, D.C.

Thursday, December 9, 1999

Budget

- Overhead expense, previously paid by NASA, is added into existing contract.
- The SPECSINTACT maintenance contractor, Space Gateway Support, resource for programming is minimal at this time. Pat Robinson's organization has been reduced to two programmers and is currently seeking to backfill the vacancies.

SPECSINTACT 32-BIT

- Board took action on 14 items and changes to software.
- Tentatively scheduled to begin implementation in 6 months.
- Window's Explorer will be used during training and implementation.

Drawspec (Develop by Navy in 1996).

- Discussion centered on tying specs/drawing/cost estimating together.

Single Mater Reference List (SMRL)

- Board agreed that the Navy would update SMRL

Uniform Section Numbers and Title

- Discrepancies in numbers and titles.
- Need to develop guide spec to use across agency.
- COE reluctant to change.
- Navy supportive of change.
- Agency looking at using a basic software.
- Tom Hinshaw has evaluated all the Army, NAVY and NASA specs and is promoting the development a uniform guide specification for all Federal agencies.
- Discussion regarding linking specs to CAD led to concern by Board for drafting standards and their link to specs.
 - T. Hinshaw requested the board review the United States National CADD Standards. This will provide guidelines for CADD layering such that it is defined for A&E's i.e.;
 - title block standardization.
 - provide numbering system of drawing file names.
 - extension and development of internal information management system.
 - plotting standards.
 - There is an element within Standard that is a Uniform Drawing System, which provides a template for the title blocks, sheet size and ISO orientation.

Beta Testing

- Requested volunteers visit Kennedy Space Center with their actual work to test the Beta program.
- Recommended JSC send Mitzi and Bob Mathias send Pam.

The agenda topics were resequenced for the day. The above subject matters were discussed.

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Wordspec Items

- The Air Force is using Wordspec version of SPECSINTACT.
- SPECSINTACT is Office 2000 compatible.
- COE will issue policy statement on using SPECSINTACT to their personnel for all construction projects.

Amendments

- There is a need to track amendments to specifications.
- The 32 Bit development has a process feature that identifies changes at 30/60/90% reviews.

Safety Section – Lockout/Tagout & Explosives

- Everyone should have reviewed safety specifications concerning Red Lockout Tags.
- The text that was submitted needs to be modified in the next release.
- Language/text concerning usage of explosive was discussed.
 - Art Lee stated that each agency has their own standard section that they should refer too.
 - T. Hinshaw indicated that headquarters has not approved the existing reference used by the Agency.

Photovoltaic

- T. Hinshaw discussed the Photovoltaic Panel specification and its contents.
- The template for this section will be routed to all agencies review.
- If there are no comments, the section will be added to the next release.
- This section provides an alternative solution for energy type projects that include the panels in construction that are to be tied to power grids for energy usage.

RCM Updates

- Rudy Cross provided input concerning RCM updates.
- Attached is the consolidation of the RCM comments that came out of the June NS Meeting. They are in Word format per division for your convenience.



RCM Div 01.doc



RCM Div 03.doc



RCM Div 07.doc



RCM Div 09.doc



RCM Div 13.doc



RCM Div 14.doc



RCM Div 16.doc

Electronic Bid Solicitation

- Discussion centered on the reduction in printing cost via using the electronic bid solicitation process.
- Several groups within the agency are getting together to develop a standard process for EBS.

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- Discussed developing links from procurement to construction sites to help centers search for construction projects.
- Tentatively target completion by the end of FY 00.

RCM – Presentation

- Presentation centered on Computer Management Maintenance System and the effect/affects of Predictive Maintenance.
- Per Charlie Pittinger; SPECSINTACT could assist RCM to succeed by being identified in the different test that each specification identifies.
- Per C. Pittinger, the Inspection manuals for Predictive Testing & Inspection will be sent out the first of the year.
- T. Hinshaw inquired if the Agency RCM organization reviewed the 3rd Party inspection template. This template was based on ASHRAE requirement for inspection during turnover of the project after construction.
- Per Bela Gutman, the Inspection Guide for RCM was geared more toward Electrical and Mechanical discipline.
- Per C. Pittinger; the total building condition process is being developed which includes:
 - Design requirements
 - Customer turnover
 - Activation of project

Using PDF

- T. Hinshaw provided a demonstration of PDF Files & Hyperlinks.
- Demonstration involved hyperlink to a sample specification table of contents and reference sections.
- Concern was raised over the ability to link the references to NIBS, ASTM and IHS.
- Suggestion made; hyperlink should be made directly to the website of the above agencies.
- T. Hinshaw indicated that a process should be written for hyperlinking.

Asbestos Specifications

- B. Gutman indicated that there are currently two sections that pertain to asbestos.
- B. Gutman would like a general Asbestos procedure developed that will cover all agencies/50 states.
- T. Hinshaw indicated he has one in works and request that Bela review to compare with the section currently being used by JPL(California/OSHA).
- The board discussed that all agencies must follow the Federal Regulation and State agency codes.
- Art Lee invited Ms. Maria Bayon, NASA JE to discuss whether the agency would develop an agency wide asbestos specification verses using existing locals.
- T. Hinshaw requested Headquarters Enviro/EPA review documents submitted and generate a generic specification for the agency.

Metrication Update

- The use of Metric or English measurement for electrical wiring was discussed.
- The board discussed what each agency was using, to date, concerning wiring, designs and drawings.

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- T. Hinshaw suggest that notes in the guide spec indicate that for Electrical all measurements will be English and in accordance to NEC.
- Rudy Cross indicated that the engineers reviewed the following question submitted by T. Hinshaw; are we using metric designations in the masters for wiring size or are we still using AWG? What have you been directed to do with regards to wiring sizes? The engineers that reviewed the electrical specification indicated English measurement use for wiring sizes.

Friday, December 10, 1999

Building Product Pre-Approval Program

- The Board was provided a listing of NIBS approved products and manufacturers by E. Page.
- Per E. Page- NIBS has a website www.NIBS.org that has links to manufacturers with approved products.
- Currently most of the products are building finishes.
- The Board inquired if there was a list that identified products used in mechanical and electrical projects.
- Per E. Page- products are being evaluated.
- B. Gutman inquired about availability of products that are identified by metric measurements.
- Per E. Page- the survey/report for the products ask if the product is available in metric quantity.
- Frank inquired how many manufacturers are listed for each product.
- Per E. Page- there was not a limited number.

Warranty Clauses

- Subject of discussion was warranties on roofs.
- Currently there is a clause available for use.
- Per T. Hinshaw:
 - There is a directive by Headquarters not to use warranty clauses in specifications.
 - Headquarters position is to use warranty clauses for performance criteria only.
 - He will solicit headquarters procurement organization to issue a memo concerning warranty clauses within construction projects across the agency.

Formats – Specifications

- Discussion centered on the following subjects;
 - Use of Master Spec.
 - Numbering system of CSI.
 - NASA standardizing all documents based on numbering system used in SPECSINTACT i.e. NPG documents.
 - Concerns:
 - The impact that the use of COT specs will have
 - The necessity to convert SPECSINTACT to their format and numbering system.
 - T. Hinshaw reviewed Perspective Software and indicated that it can be evaluated on its website, www.perspectivenet.com.

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Action Items

- Each Center to select the Army/Navy sections of their choice and compare it to the equivalent in SPECSINTACT for content. If you prefer either of those sections bring to the next board meeting for discussion as an acceptable replacement. Action: All agencies
- The board representative were as to review the United States Natural CADD Standard for uniformity i.e.; title block and layering sheet size for template development by the Headquarters. Action: All agencies
- A request for volunteers to be sent to Kennedy Space Center, January 26-28,2000, for Beta Testing. Volunteers should bring real work to evaluate the program for bugs. Each agency should send the names of their representatives to Pat Robinson's for clearance and entry into Kennedy Space Center. Action: All Agencies
- Each Center shall review the safety specification sent by Tom Hinshaw concerning the Red Tag/Lockout Tag. The text is incorrect and need to be modified for the next release.
- Tom Hinshaw will route template for Photovoltaic Panels to all agencies for review. If there are no comments the section will be added to the next release.
- The agency is looking for a standard to use for the Electronic Bid Solicitation process. Also needed is a process to setup a link from the procurement site to the construction site. Tom suggested that the current process used by DOD be reviewed for developing the EBS process. Action: Bela Gutman
- The board asked the NASA RCM organization to review the 3rd party inspection template and report the results to SPECSINTACT board. Action: Charlie Pittinger
- Write standard for hyperlinking to SPECSINTACT with PDF files. - Bela Gutman volunteered to develop process, procedures and recommendation for this action item.
- A request for NASA Headquarter Code JE to help develop a general Asbestos specification that is uniform for all agencies. Action: Maria Bayon.
- Warranty Clauses – Board requested that HQ issue a statement/memo concerning blanket warranty clauses within construction projects across the agency. Action: Headquarters Procurement Organization
- Cheri Gebhardt and Tom Hinshaw will communicate with all invitee's concerning the agenda and presentation for the next board meeting be scheduled at Kennedy Space Center in May 2000.
- Frank Der will investigate and develop a clause for pre-approve products to be added to the Submittal & 1000 sections of SPECSINTACT.

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