Secretariat: NEMA
1812 N. Moore St, Suite 2200
Arlington, VA 22209, USA
www.dicomstandard.org

MINUTES

DICOM WG-06 Base Standard

March 16-20, 2026

Hybrid In-Person & Virtual Meeting

Location:	NEMA HQ, Arlington, Virginia
Presiding Officers:	Björn Nolte, Siemens Healthineers, Chair David Clunie, PixelMed, DICOM Editor
DICOM Secretariat:	Shayna Knazik, NEMA

Summary of decisions from this meeting

- CPack-135 was approved for Final Text amended as discussed (32 CPs), with the exception of CP-2574.
- CPack-136 was approved for Letter Ballot (15 CPs).
- Supplement 248: DICOMweb Send was approved for Public Comment amended as discussed.
- Supplement 252: For Processing CT SOP Classes was approved for Letter Ballot amended as discussed.
- A new Supplement on Waveform Compression was presented for First Read and assigned the number 253.
- A new Supplement on Digital Signature and Media Storage Security was presented for First Read and assigned the number 254.
- A new Supplement on Microscopy Annotation was presented for First Read and assigned the number 255.

1. **Administrative**
   a. The WG-06 Hybrid In-Person and Virtual Meeting was called to order on Monday, March 16, 2026, at 8:30am Eastern.
   b. Participants were reminded of the DICOM Patent Disclosure Policy and Guidelines for Conducting NEMA Meetings.

c. WG-06 reviewed the agenda, with Version 5 serving as the final version for the week: https://dicom.nema.org/dicom/2026/WG-06_Agendas/
d. The WG-06 meeting minutes from the January 12-16, 2026 were reviewed and approved as amended, without objection or abstention.

2. Report on Letter Ballots

DSC Ballot	Ballot Closed	Approve	Disapprove	Abstain	Comments
CPack-135	March 6, 2026	19	0	0	9

a. **CPack-135**
- The official ballot was distributed to voting members of the DICOM Standards Committee on January 30, 2026 and closed on March 6, 2026. The ballot passed and the comments received were reviewed.
- CPack-135 included the following Change Proposals (33 CPs):

CP #	Title	Assignee
CP-1637	Clarify matching of Required Keys of zero length	David Clunie
CP-2170	Fix inconsistent use of name "Blending Presentation State"	David Clunie
CP-2253	Clarify description of Image Type and Frame Type in Enhanced MR Image Module	David Clunie
CP-2259	Correct multi-frame image media types for web services	David Clunie
CP-2332	Bulk data value is not intended for Sequences	David Clunie
CP-2435	Add concepts for WSI QC to segmentation properties	David Clunie
CP-2465	Unclear constraints on measurement units for Real World Value Mapping	David Clunie
CP-2494	Include TID 1002 in TID 3700 with correct Relationship Type	David Clunie
CP-2506	Length limit of Detector ID	David Clunie
CP-2525	Describe payload consistently in message syntax	Steve Nichols
CP-2539	Clarify behaviour of LUT operations when modules are absent in presentation state	Björn Nolte
CP-2543	Replace retired orphan SNOMED code 244251006	Björn Nolte
CP-2545	Retire DCM Codes from referenced DIN 6868-57 - which was retired in 2014-11-01	Björn Nolte
CP-2546	PS3.16, correction of typos in TIDs	Björn Nolte
CP-2547	Correction of deprecated LOINC Code, and additions to H-1 LOINC Codes	Björn Nolte
CP-2548	Clarification on Root TIDs - especially TID 3202, TID 3213	Björn Nolte

CP-2550	Clarify how the SCP knows what SCUs to notify for MPPS	Wim Corbijn
CP-2551	Add Protocol Approvals to NPI Service	Wim Corbijn
CP-2553	Clarify how the origin server knows what user agents to notify in UPS-RS	Steve Nichols
CP-2556	Add Placenta to Cervix Internal Os Distance Measurement	Kevin O'Donnell
CP-2558	Enhance Z-scores in SR Templates	Kevin O'Donnell
CP-2560	General Anatomy Optional Macro in RT Structure Set IOD	Christof Schadt
CP-2561	Add Purpose of Reference to Referenced Instance and Image Sequences in Encapsulated Document Module	Detlev Hohmeier
CP-2562	Update DICOM to reflect changes in IHTSDO SNOMED CT-DICOM Subset for JUL 2025 INT Release	David Clunie
CP-2563	Allow TILED_FULL for Float and Double Float Pixel Data	David Clunie
CP-2564	Completeness of PS3.16 L-5 Pairedness vs. L-1 Body Part Examined	David Clunie
CP-2565	Correction of wrong SNOMED Coded Concepts in CID 4061 and CID 12325	David Clunie
CP-2567	Extend X-Ray Frame Acquisition Macro	Steve Nichols
CP-2569	Improve the description of the search media type of the Search Transaction	Steve Nichols
CP-2570	Remove first dash of Accept media types in several sections	Steve Nichols
CP-2571	Remove WAVEFORM from Relationship Content Constraints for Colon CAD SR IOD	David Clunie
~~*CP-2574*~~	~~*Add TABLETOP to Fixation Device Type*~~	~~*Christof Schadt*~~
CP-2575	Add metal artifact reduction metadata in CT	Kevin O'Donnell

- CP-2574 received Letter Ballot comments requiring WG-07 resolution. It will be reconsidered for Final Text at the June meeting.
- *MOTION: David Clunie made a motion to approve CPack-135 for Final Text as amended, with the exception of CP-2574. Kevin O'Donnell seconded the motion. The motion was approved without objection or abstention.*
- **DECISION:** CPack-135 was approved for Final Text amended as discussed (32 CPs), with the exception of CP-2574.

b. **CPack-136 Letter Ballot**

CP #	Title	Assignee
CP-1735	Add DICOMweb to DICOM Glossary	David Clunie

CP-1754	Suggestion for version controlling of Audit Message Schema as RFC-3881 is retired	Rob Horn
CP-2254	Clarify relative URI usage in DICOMweb	Bill Wallace
CP-2273	Clarify whether zero length Type 3 Sequences are allowed or not	David Clunie
CP-2322	Record Vendor-specific CT Image Quality Reference Parameters	Kevin O'Donnell
CP-2544	Inconsistencies of DCM in PS3.16 TIDs vs. Table D-1	Björn Nolte
CP-2568	Make statuses explicit in Response Identifier Structures	Wim Corbijn
CP-2580	Conflicting text in Referenced JPIP Transfer Syntaxes	David Clunie
CP-2581	Correct the description of the behavior of the Studies Service Retrieve Transaction	Steve Nichols
CP-2582	Improve the Transaction names of the Storage Commitment Service	Steve Nichols
CP-2583	Correct IE Level of Patient Attributes in Required Matching Attributes in Studies Search	David Clunie
CP-2584	Harmonize definitions and references for REST and RESTful	David Clunie
~~*CP-2586*~~	~~*Clarify description for rotation angle and air kerma in enhanced RDSR*~~	~~*Nick Bevins*~~
CP-2587	Monochrome MPEG2 Profile Clarification	David Clunie
CP-2593	Add workitem codes for Reconstruction	Kevin O'Donnell
CP-2595	Extend KOS to support more metadata for manifest use case	Steve Nichols

- CP-2586 required additional work in WG-28 and was not ready for Letter Ballot. It will not be included in CPack-136 and was instead moved to the June 2026 Voting Packet.
- *MOTION: David Clunie made a motion to approve CPack-136 for Letter Ballot, with the exception of CP-2586. Wim Corbijn seconded the motion. The motion was approved without objection or abstention.*
- **DECISION:** CPack-136 was approved for Letter Ballot (15 CPs)**.**

3. Report on Change Proposals (CPs)

a. New CPs

Submitted file	Title	Assignee	New CP #
cp_az01	Update SYSLOG-TLS	Steve Nichols	CP-2614
cp_czm_add	Add Pupil Size to Ophthalmic Acquisition Parameters Macro Attributes	Detlev Hohmeier	CP-2615

cp_czm_missing	Missing Attributes in UPS Attribute Service Requirements	Detlev Hohmeier	CP-2616
cp_dac686	Add Radiopharmaceutical Tilmanocept	David Clunie	CP-2617
cp_dac687	Numeric Value Qualifier in Content Item Macro	David Clunie	CP-2618
cp_iw32	Inconsistencies in MDC Codes	Ingo Wilkening	CP-2619
cp_jm50	Properly describe payload of STOW and SC responses	Jeroen Medema	CP-2620
cp_jm51	*Align header of capabilities description table with its contents*	--	*Rejected*
cp_jm53	*Improve Further Meaning of C-MOVE response status values*	--	*Rejected*
cp_jm54	Correct presence of Failed SOP Instance UID List	Jeroen Medema	CP-2621
cp_jm55	Add note for Retry-After Header Field	Jeroen Medema	CP-2622
cp_jr67	*Clarify Matching and Return Key Types of additional Modality Worklist Information Model Attributes*	--	*Rejected*
cp_sjn1	*Correct IETF URL in References*	*David Clunie*	*Editorial change*
cp_sjn3	Clarify User Active Participant RoleID in Data Export and Import Audit Messages	Steve Nichols	CP-2623
cp_sjn4	Fix Rendered Volume Response Module Reference	Steve Nichols	CP-2624
cp_sw	De-identify Overlay Attributes	David Clunie	CP-2625
cp_xyz	Add Gold to CID 10006 X-Ray Filter Material	Kevin O'Donnell	CP-2626
cp_sjn2	*Address retired Accept-Charset in RFC9110*	--	*Rejected*
cp_pg1	*Allow Universal Matching for Start Date/Time in Basic Worklist Management Service Class*	--	*Rejected*
cp_pg2	Explain behavior for response to unrecognized extended negotiation items	David Clunie	CP-2627
cp_dac688	Add KOS concepts related to WSI scan quality	David Clunie	CP-2628
cp_sjn5	Clarify Frames Resource in PS3.18	Steve Nichols	CP-2629
cp_canon	Refine semantics for nuchal translucency, patent ductus arteriosus, and amniotic fluid volume	Kevin O'Donnell	CP-2630

b. **Assigned CPs**

The following CPs were reviewed and decisions reached as shown. Note: Please upload the VP version (candidates for the June 2026 Voting Packet/CPack-137) to the June 2026 meeting folder.

CP #	Title	Assignee	Decision
CP-2403	*Fix wrong use of Association-related terms in PS3.2 Annex N*	*Bruno Laffin*	*Remains assigned*
CP-2476	*Handling of Coded Concepts retired from DICOM use*	*David Clunie*	*Remains assigned*
CP-2524	*Update (references to) (some) obsoleted RFCs*	*Steve Nichols*	*Remains assigned*
CP-2552	*Clarify numbers in GET and MOVE messages*	*Wim Corbijn*	*Remains assigned*
CP-2557	Add Uterine Malformation Findings to SR	Kevin O'Donnell	Moved to June 2026 Voting Packet
CP-2566	*Add clarifications and improvements to Display Shutter Module*	*Wim Corbijn*	*Remains assigned*
~~*CP-2576*~~	~~*Add Photoelectric and Compton Scattering codes*~~	~~*Kevin O'Donnell*~~	~~*Cancelled (merged into Sup252)*~~
CP-2577	Fix empty N-CREATE conflict with PPS Discontinuation Reason workflow	Steve Nichols	Moved to June 2026 Voting Packet
CP-2585	*Updated Breast Dosimetry*	*Nick Bevins*	*Remains assigned*
CP-2590	Dose Calculation Model Name	Christof Schadt	Moved to June 2026 Voting Packet
CP-2591	Additional RT Assertions	Christof Schadt	Moved to June 2026 Voting Packet
CP-2592	Correct TLS1.2 cipher suite	Steve Nichols	Moved to June 2026 Voting Packet
CP-2596	*Update the digital signature macro and profiles, deprecate outdated algorithms, and allow new algorithms and fix bugs*	*Rob Horn*	*Remains assigned*

4. **Report on Supplements**
   NOTE: All documents are uploaded to the meeting folder on the FTP server in the WG-06 directory. Please refer to those documents for technical details. Contact the Secretariat for help accessing the FTP.

   a. **New Supplement: Waveform Compression (WG-32)**
      - Silvia Winkler and Jonathan Halford continued with the First Read of a new Supplement on Waveform Compression, pursuant to Work Item 2022-09-A. The draft document and PowerPoint were reviewed.

- There is an open item regarding whether the scheme is patent and license fee free, as raised by David Clunie. Björn Nolte met with ITU and the Supplement authors and reported that ITU follows policies similar to DICOM with respect to vendor patents and fair use/RAND. No issues have been identified to date, although absolute assurance cannot be provided. Silvia and Jonathan will continue work with Björn Nolte and David Clunie to draft their patent disclosure correspondence. Björn confirmed that he will consult ITU at each stage to verify compliance, and Shayna Knazik will send the draft to NEMA legal once it is prepared.
- *MOTION: Kevin O'Donnell moved to assign this Supplement a number and Steve Nichols seconded the motion. The motion was approved without objection or abstention.*
- **DECISION:** A new Supplement on Waveform Compression was presented for First Read and assigned the number 253.

b. **New Supplement: Cryptography Update for Digital Signature and Media Storage Security (WG-14)**
    - Essien Ge and Alexander Zhang led the group through a First Read of a new Supplement on Cryptography Update for Digital Signature and Media Storage Security, pursuant to Work Item 2025-12-A. The title was updated to Digital Signature and Media Storage Security.
    - *MOTION: Kevin O'Donnell moved to assign this Supplement a number and Björn Nolte seconded the motion. The motion was approved without objection or abstention.*
    - **DECISION:** A new Supplement on Digital Signature and Media Storage Security was presented for First Read and assigned the number 254.

c. **New Supplement: Microscopy Bulk Enhanced Annotation**
    - Kenneth Philbrick, Johan Doré, and David Clunie led the group through a First Read of a new Supplement on Microscopy Bulk Enhanced Annotation, pursuant to Work Item 2020-04-B.
    - *MOTION: Kevin O'Donnell moved to assign this Supplement a number and Wim Corbijn seconded the motion. The motion was approved without objection or abstention.*
    - **DECISION:** A new Supplement on Microscopy Annotation was presented for First Read and assigned the number 255.

d. **New Supplement: Enabling Live Streaming in DICOMweb (WG-27)**

- Jeroen Medema led the group through a First Read of a new Supplement on Enabling Live Streaming in DICOMweb, pursuant to Work Item 2025-12-B. This will return to WG-06 in June 2026 to continue with the First Read.

e. **New Supplement: MR Exposure SR (WG-16)**
   - Although this item does not yet have a Work Item, WG-16 requested a short discussion to address some questions that would be helpful before presenting it at the DICOM Standards Committee meeting on March 31, 2026.

f. **New Supplement: Security Considerations (WG-14)**
   - Rob Horn continued through a First Read of a new Supplement on Security Considerations, picking up where the group left off at the January 2026 WG-06 meeting. This will return to WG-06 in June 2026 to continue with the First Read.

g. **Supplement 248: DICOMweb Send (WG-27)**
   - Jeroen Medema presented Supplement 248: DICOMweb Send in preparation for Public Comment. The draft document, PowerPoint, and Supplement Checklist were reviewed.
   - *MOTION: Wim Corbijn moved to approve Supplement 248 for Public Comment amended as discussed and Steve Nichols seconded the motion. The motion was approved with one abstention by Kevin O'Donnell and no objections.*
   - **DECISION:** Supplement 248: DICOMweb Send was approved for Public Comment amended as discussed.

h. **Supplement 250: 2D Total Body Photography (WG-19)**
   - Liam Caffery presented Supplement 250: 2D Total Body Photography in preparation for Public Comment. This supplement will return to WG-06 in June 2026.
   - WG-19 also requested time on the June 2026 agenda to present a First Read for 3D Total Body Photography.

i. **Supplement 251: Application Request (WG-23)**
   - Brian Bialecki presented Supplement 251: Application Request in preparation for Public Comment. This supplement will return to WG-06 in

June 2026.

j. **Supplement 252: For Processing CT SOP Classes (WG-21)**
   - Kevin O'Donnell presented Supplement 252: For Processing CT SOP Classes in preparation for Letter Ballot. All public comments received were reviewed, as well as the draft document, accompanying PowerPoint, and the Supplement Checklist.
   - *MOTION: Steve Nichols moved to approve Supplement 252 for Letter Ballot as amended and Laura Peters seconded the motion. The motion was approved without objection or abstention.*
   - **DECISION:** Supplement 252: For Processing CT SOP Classes was approved for Letter Ballot amended as discussed.

5. WG-20/HL7 Report

a. Co-Chairs Jonathan Whitby, Ana Kostadinovska, and Brian Bialecki shared updates from the joint DICOM WG-20/HL7 II group. For details on this report, their PowerPoint can be accessed in this meeting's folder on the FTP.
b. Confluence Page: https://confluence.hl7.org/display/IMIN/
c. WG-20/HL7 II meetings are held in conjunction with HL7 Working Group Meetings, with conference calls typically every two weeks.
d. FHIR Release 6 continues to target publication in 2026, with the intent that most resources will be normative. ImagingStudy and ImagingSelection are planned for inclusion in the core R6 release.
e. The Radiation Dose Report Summary Implementation Guide has passed voting and FHIR Management Group review and is awaiting an exemption from the Terminology Services Management Group.
f. The DICOM SR to FHIR Observation Mapping Implementation Guide STU1 ballot is complete, with comments currently being addressed. Final text is expected to follow FHIR Release 6 to incorporate ImagingSelection improvements.
g. The Imaging ServiceRequest Profile Project Scope Statement (PSS-2135) has been reviewed by the Orders and Observations Working Group, with additional work planned following publication of the DICOM SR Mapping IG STU.
h. Additional DICOM terminology in FHIR was discussed. WG-06 reiterated that these artifacts will not be included in the DICOM Standard. HL7 may create and manage derived artifacts, and prototype tooling to generate these artifacts from the DICOM Standard is underway.

6. New Business

a. WG-06 onboarding:
    - Laura Peters noted a lack of clarity around CPs and Supplements statuses including what each stage represents, how items progress through the process, and what is expected of WG-06 members at each step. She also highlighted that terms such as “First Read,” “line-by-line review,” and “Letter Ballot” are not always clearly defined, particularly for newer members or non-native English speakers. The group noted that the existing WG-06 Handbook has not been updated since 2007 and assumes a high level of prior knowledge.
    - Action: Björn will draft a revision to clarify statuses, process flow, and key terminology. Laura Peters and Nikhil Sonar agreed to assist with review from a new member perspective. The revision will also evaluate whether this guidance should be generalized for use across all DICOM Working Groups.

b. WG-06 Recruitment Efforts
    - The group continued discussions on recruitment and succession planning, noting that outreach to other working groups and Co-Chairs can help identify individuals willing to engage more broadly in DICOM. A simple invitation can be very effective, and members supported issuing a call for participation to the DICOM community once the handbook is finalized, directing potential participants to the News page.
    - Björn proposed a quarterly or bi-annual teleconference summarizing WG-06 activities, with the possibility of a general informational video. Wim suggested a summary handout or recruitment flyer outlining expectations, time commitment, and benefits of participating.
    - Participation does not require prior expertise; involvement is how expertise is developed. Diverse perspectives are valued, and engagement can be supported through hands-on experience, such as assigning manageable CPs or encouraging co-authorship on a supplement. Guidance was discussed on how participants can communicate the value of involvement to their managers, emphasizing networking, industry insight, and practical knowledge gained.
    - Kevin offered to contact SIIM to explore whether they would cover basic travel costs for a member representing engineers, service personnel, clinicians, physicists, or product developers. Outreach to other organizations for general user participation was noted as a topic on the DSC agenda for Prague.

- Action: Björn will draft two one-page flyers for the next meeting, one highlighting participant value and one highlighting manager and organizational value.

c. CP process: The group discussed a potential change to the WG-06 CP process.
   - When a submitted CP gets a number, a WG-06 member may propose advancing it to Voting Packet. The proposal will not be debated; if any WG-06 member objects, the CP continues as Assigned without further discussion. Generally, this will only be considered for CPs that are extremely obvious and without complexity, e.g. addition of a limited set of simple codes or typographical errors.
   - This would mean extremely obvious/no-brainer CPs to get 4 months of review and three considerations by WG-06. Under the current process obvious CPs take 6-12 months of review depending on bandwidth limits.
   - Note: the DICOM Procedures state that CPs are managed by WG-06 and balloted to the DSC. Details of how WG-06 operates are left to WG-06. This diagram can be updated if needed: www.dicomstandard.org/process
   - Action: Björn Nolte will discuss this proposal with David Clunie.

7. Deadlines for action items from this meeting

a. For any supplements going out for comment/ballot that are also on the agenda for next meeting, the comment/ballot window of 5 weeks results in the following deadlines. **Authors are encouraged to submit earlier** than the deadlines below to allow time to address comments before the next WG-06 meeting.
   - Submit **Letter Ballot** drafts to Shayna by **April 6, 2026.**
   - Submit **Public Comment** drafts to Shayna by **April 13, 2026**

8. WG-06 Meeting Schedule

NOTE: WG-06 meetings are conducted in a hybrid format, both in-person and virtually. Four meetings each year are held at NEMA Headquarters in Arlington, Virginia, and one meeting annually takes place in either Europe or Asia, with the location alternating between the two regions each year.

a. **2026 dates**
   - January 12-16, 2026
   - March 16-20, 2026
   - June 1-5, 2026: **Tokyo, Japan**
   - August 31-September 4, 2026

- November 2-6, 2026

b. **2027 dates were identified:**
   - January 11-15, 2027
   - March 15-19, 2027
   - June 7-11, 2027
   - August 30-September 3, 2027
   - November 1-5, 2027

9. Adjournment

a. The meeting was adjourned at 11:40am Eastern on Friday, March 20, 2026.

10. Meeting Participants

Voting Members Present							
Company/ Organization	**Represented by**		**Mon**	**Tue**	**Wed**	**Thu**	**Fri**
ACR	Brian Bialecki	Voting		X		X	
Agfa HealthCare	Laura Peters	Voting	X	X	X	X	X
Canon Medical Systems USA	Kevin O'Donnell	Voting	X	X	X	X	X
Carl Zeiss Meditec	Detlev Hohmeier	Voting	X	X	X		
Fairhaven Technologies	Rob Horn	Voting	X	X	X	X	X
GE HealthCare	Steven Nichols	Voting	X	X	X	X	X
JIRA	Akihiro Yomoda	Alt. Voting		X	X	X	X
NEMA	Shayna Knazik	Voting	X	X	X	X	X
Philips	Wim Corbijn	Voting	X	X	X	X	X
Philips	Jeroen Medema	Alt. Voting	X	X		X	X

PixelMed Publishing	David Clunie	Voting	X	X		X	
Siemens Healthineers	Björn Nolte	Voting	X	X	X	X	X
Voting Members Absent							
Company/ Organization	**Represented by**		**Mon**	**Tue**	**Wed**	**Thu**	**Fri**
ACR	Brian Bialecki	Voting	X		X		X
Agfa HealthCare	Laura Peters	Voting					
Carl Zeiss Meditec	Detlev Hohmeier	Voting				X	X
JIRA	Akihiro Yomoda	Alt. Voting	X				
Philips	Jeroen Medema	Alt. Voting			X		
PixelMed Publishing	David Clunie	Voting			X		X
Observers Present							
Company/ Organization	**Represented by**		**Mon**	**Tue**	**Wed**	**Thu**	**Fri**
AAPM	Nick Bevins	Obs.					
AAPM	Jim Percy	Obs.	X		X		
Brainlab	Christof Schadt	Obs.	X	X	X		
CSImed	Uwe Tronnier	Obs.					
DICOM Usergroup Austria	Silvia Winkler	Obs.	X		X		
Epic Systems	Griffin Fairchok	Obs.		X			
GE HealthCare	Hervé Hoehn	Obs.			X		
GE HealthCare	Nagarajan Ns	Obs.			X		

GE HealthCare	Francisco Sureda	Obs.					
Google	Kenneth Philbrick	Obs.				X	
IHE Radiology	Charles Parisot	Obs.		X			
JAHIS	Kiyoko Tateishi	Obs.	X		X	X	X
JIRA	Kinoshita Go	Obs.	X	X	X	X	X
Philips	Essien Ge	Obs.	X	X	X		
Philips	Ana Kostadinovska	Obs.				X	
Philips	Nikhilesh Sonar	Obs.	X	X	X	X	X
Philips	Alexander Zhang	Obs.		X			
Radical Imaging	Bill Wallace	Obs.					
VA Healthcare System	Jonathan Halford	Obs.	X		X		
Self	Ulrich Busch	Obs.	X		X		
Siemens Healthineers	Ingo Wilkening	Obs.	X	X	X		
University of Queensland	Liam Caffery	Obs.	X			X	
UZ Leuven	Nick Hermans	Obs.					
VIsiopharm	Johan Doré	Obs.				X	

Prepared and submitted by Shayna Knazik
Reviewed by Matt Haynie