NIEMOPEN

PGB Executive Session

10 January 2023

Ms. Katherine Escobar
NIEMOpen Project Governance Board Chair

AGENDA

- Call to Order
  - TEAMS Link
  - Meeting Etiquette
- Note Takers
- Roll Call & Introductions
  - Voting Members (Sponsors)
  - PGB Expert Voting Members (TSCs)
- Around-the-Horn – PGB Voting Members
- Approval of Meeting Minutes from 20 October 2022
- Sponsor Update
- OASIS Staff / NIEMOpen Administrator Comments

- NIEMOpen Transition Progress Update
- NIEMOpen.org Webpage Demo
  - Demo: Aubrey Beach (BAH)
- PGB Issues for Consideration & Vote
  - Charter Amendment
  - Standing Rules
  - Release Cycle
  - Release Workflow leading to Open Project Draft Specification
  - Open Project Specification Rehearsal Documents
  - First NIEMOpen OASIS Standard Submission
- Resources
- Next Meeting
- Other Business
- Questions
- Adjourn

VENUE

PGB Meeting

- Thursday, January 2023

- Virtual Meeting 3 – 4 PM EST
  - Virtual: MS TEAMS

Executive Session

Microsoft Teams meeting
Join on your computer, mobile app or room device
Click here to join the meeting
Or call in (audio only)
+1 410-874-6749,,6639579#   United States, Odenton
Phone Conference ID: 663 957 9# Find a local number |
Reset PIN
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MAKING THE MOST OF OUR SESSION

Virtual Meeting Etiquette

PLEASE:

- MUTE your mic when you're not talking

- Identify yourself before you start to speak

- Speak clearly

- Disable "call waiting" feature
  (the clicking noise can be heard by all)

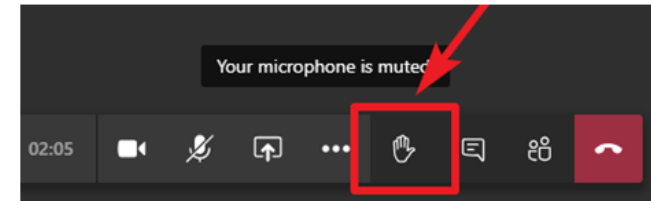**Please note: ESC** sessions are audio recorded.

Meeting Minutes will be published and distributed to participants.

QUESTIONS & ANSWERS ARE ENCOURAGED!

To signal you want to contribute without interrupting the speaker

- Enter comments via **CHAT window** at any time

To signal a question or respond to a question

- Click on '**Raise your hand**' button on meeting toolbar

  (Lower hand after you've talked by clicking hand button again)

## Presenters, please be mindful of timing

NOTE TAKER

The PGB Executive Session is being recorded on MS TEAMS. A link to the recording will be provided and meeting minutes will be posted on the NIEMOpen Git Repo once approved:

Meeting support, note takers:

Aubrey Beach
aubrey.l.beach.ctr@mail.mil

Shunda Louis
shunda.r.louis.ctr@mail.mil

Stephen Sullivan
stephen.m.sullivan14.ctr@mail.mil
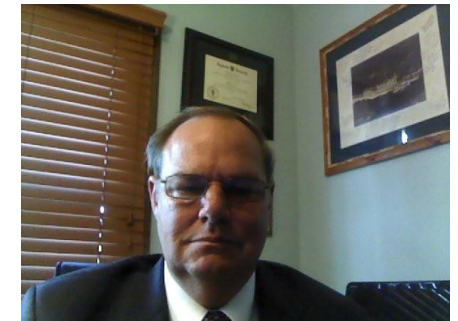
PGB VOTING MEMBERS
Sponsor Organizations

Ms. Katherine Escobar
PGB Chair
Deputy Division Chief, Data and Standards Division at Joint Staff J6 and NIEM Managing Director

Mr. Phil Mattson
Senior Executive Standards Advisor Systems Engineering & Standards Division, Science and Technology Directorate, US Department of Homeland Security

Mr. Gary Egner
Director Business Development, Equivant

Mr. John Wandelt
Principal Research Scientist, Georgia Tech Research Institute

PGB VOTING MEMBERS
Sponsor Organizations

Mr. Duncan Sparrell
CSO sFractal Consulting

Mr. Tom Welch
Secretary | Past President
National Association for
Justice Information Systems

Mr. Satish Sripada
Office of Biometric Identity
Management (OBIM), U.S.
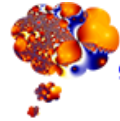Department of Homeland
Security

Ms. xxxx xxxxxx
Federal Bureau of
Investigation

NIEM OPEN SPONSORSHIP

- Founding sponsors
  - JS J6
  - DHS S&T
  - Equivant
  - GTRI
  - sFractal
  - NAJIS
  - DHS OBIM
  - FBI
- On the Cusp
  - Earnst & Young
  - MITRE
  - DOT
- Expressed Interest
  - Government
    of Canada
  - MICROSOFT

PGB EXPERT VOTING MEMBERS (TSCS)

Kamran Atri
Co-Chair
NIEM Business
Architecture Committee
(NBAC) Technical Steering
Committee (TSC)

The NBAC TSC PGB
Expert Voting Member role
will alternate between Co-
Chairs on a semi-annual
basis. (Kamran Atri: 1 Jan
20203 - 31 June 2023,
Thomas Krul: 1 Jul 2023 –
31 Dec 2023).

Jim Cabral
Co-Chair
NIEM Technical
Architecture Committee
(NTAC) Technical Steering
Committee (TSC)

Beth Smalley
Co-Chair
NIEM Management Office
(NMO) Technical Steering
Committee (TSC)

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PGB MEMBERS: AROUND-THE-HORN

APPROVAL OF MINUTES

- **Chair:** A Draft of the NIEMOpen 20 October PGB Executive Session Meeting Minutes was provided to PGB Voting Members as a readahead

- **Chair:** Do any of the members have comments on the Minutes?

- **Chair:** Are there any objections to approving the Minutes for 20 October?

- **Chair:** Without objection, approved

✓ ? ☐ Approve
   ☐ Approve w/ Comment

NIEM OPEN SPONSORSHIP

- Founding sponsors
  - JS J6
  - DHS S&T
  - Equivant
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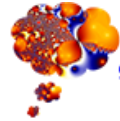
OASIS STAFF /NIEMOPEN ADMINISTRATOR COMMENTS
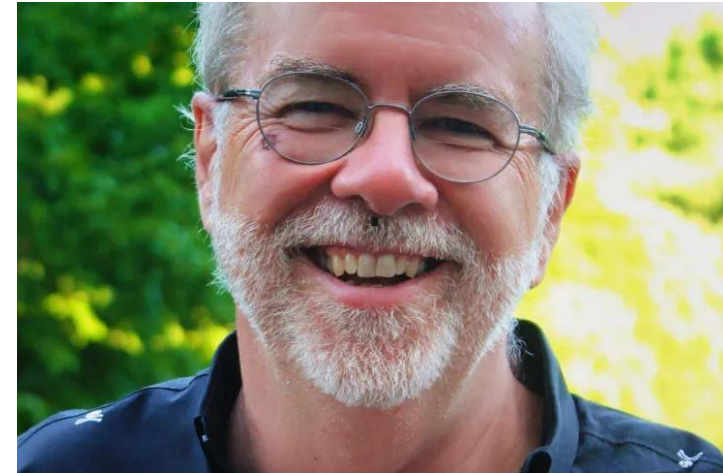

Ms. Carol Geyer
OASIS OPEN Chief Development
Officer

Mr. Chet Ensign
OASIS OPEN Senior Manager,
Development & Advocacy

NIEM OPEN TRANSITION PROGRESS

Complete

- ✓ Draft POA&M
- ✓ Draft and publish NIEM Open Charter
- ✓ J6 Sponsorship
- ✓ Transfer NIEM community Rosters/email distros
- ✓ Conduct First Sponsor Kickoff Mtg
- ✓ OASIS Admin Privileges
  - – Web Presence (NIEMOpen.org)
  - – Jira/Confluence
- ✓ Revising NBAC & NTAC Governance Docs Agreements
- ✓ TRANSITION ESC TO PGB ADVISORY BODY 20 OCT 22
- ✓ KICKOFF PGB 20 OCT 22

In Progress

- Identify Potential Sponsors/Conduct Outreach
- Populating OASIS Jira & Confluence Site
- Updating NIEM Branding
- Build Out NIEMOpen.org
- Weekly Synch w/ OASIS Staff
- Assessing NIEM Model & NIEM GTRI GitHub Capital/Equities & Planning Transfer to OASIS
- Researching OASIS Release Process and Planning 1st Release Under OASIS

To Be Accomplished

- Obtain contributor license agreements (CLAs/e-CLAs)
- Physically Transfer NIEM Capital/Equities (Model, Specifications, Documentation) to OASIS
- Implement "New" development and release processes (lead developer actions)

Submit NIEM Project Specifications for Approval as OASIS Standard
- – NIEM Model
- – NIEM Technical Framework

NIEMOPEN.ORG

- Highlights/ Demo
- Aubrey Beach Administrator

Add splash page screenshot

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PGB ISSUES FOR CONSIDERATION & VOTE AGENDA

- Charter Amendment
- Standing Rules
- NTAC Proposals:
    - Release Cycle Framework
    - Release Workflow leading to Open Project Draft Specification
    - Open Project Specification Rehearsal Document(s)
    - First NIEMOpen OASIS Standard Submission

CHARTER AMENDMENT

- **Chair:** A Draft of the proposed Amendment to the NIEM Open Charter was provided to PGB Voting Members as a readahead

- **Chair:** Motion to consider adoption of the following Amendment to the NIEM Charter:

  1. Upon review of the NIEMOpen Charter in preparation for the PGB 20 October 2023 Kickoff, it was discovered that the charter referred to the following tools to be transferred to OASIS:

     The intent is to transfer to OASIS the functionality embodied in these tools, but not the current source code associated with these exigent tools.

- **Chair:** Do any of the members have comments on the proposed Amendment?

- **Chair:** Are there any objections to approving the proposed Amendment

Chair: Without objection, approved

✓ ? ☐ Approve
      ☐ Approve w/ Comment

ADOPTION OF STANDING RULES

- **Chair:** A Draft of the proposed Standing Rule(s) was provided to PGB Voting Members as a readahead

- **Chair:** Motion to consider adoption of the following Standing Rules:
    1. NIEMOpen PGB Expert Voting Members from TSCs may be appointed by the TSCs on an annual or semi-annual rotating basis.

- **Chair:** Are there additional Standing Rule proposals from the floor (PGB Voting Members)?

- **Chair:** Do any of the members have comments on the proposed Standing Rule(s) ?

- **Chair:** Are there any objections to approving the proposed Standing Rule(s)

- **Chair:** Without objection, approved

✓ ? ☐ Approve
       ☐ Approve w/ Comment

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RELEASE CYCLE & WORKFLOW
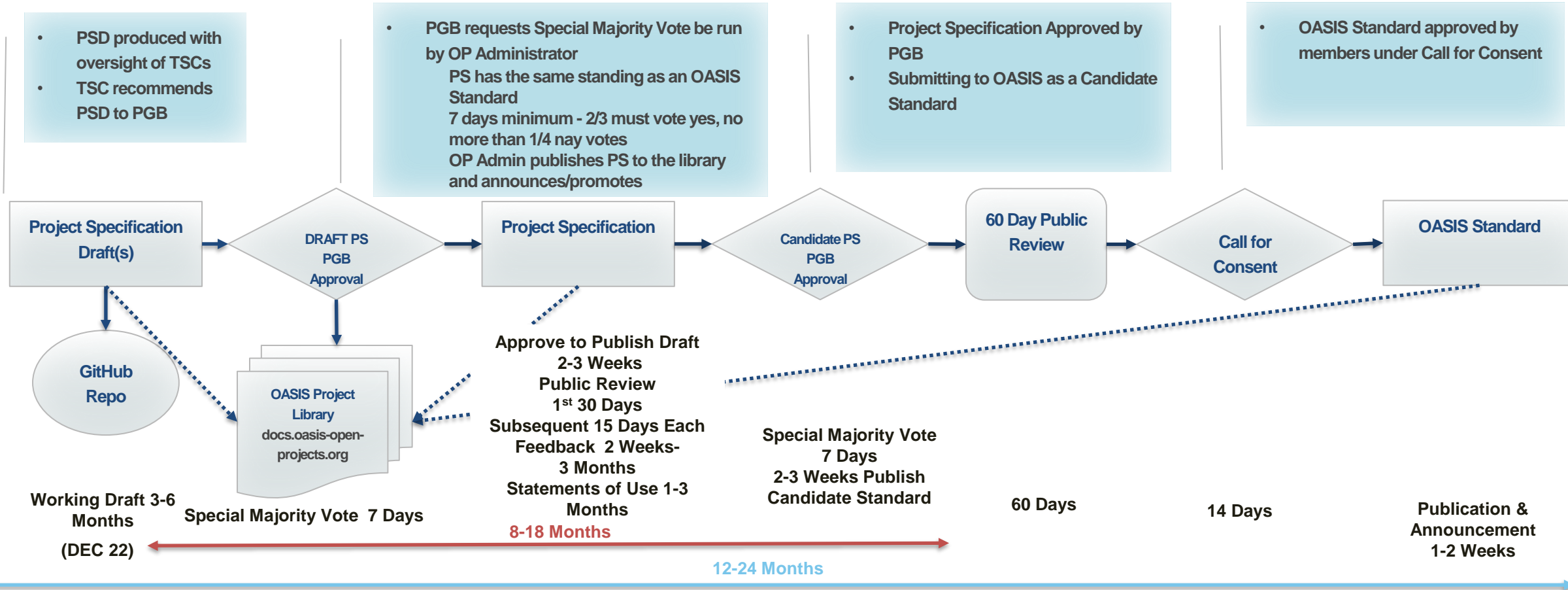
- Placeholder

ELEASE CYCLE & WORKFLOW

- Placeholder

SPECIFICATION WORKFLOW AND TIMELINE

- Request a spec template from OP Admin
- Decide on editor(s)
  - Editor's job is to capture the intentions of the project team/TSC
  - Editor's Manual starting at https://docs.google.com/document/d/1lTartcAzlqidzrCxuXFFiwdRDKRipqMnNsMS24SZdjg/edit
- Create Project Specification Draft (PSD)

- PGB can decide to advance PS to OASIS for consideration as an OASIS Standard
  - Requires 3 Statements of Use and a Special Majority Vote run by OP Admin
  - 60-day public comment period
  - The Project Specification (PS) is put to OASIS Members in a 14-day Call for Consent. If no objections, work becomes an OASIS Standard, eligible for submission to other SDOs

- PSD produced with oversight of TSCs
- TSC recommends PSD to PGB

- PGB requests Special Majority Vote be run by OP Administrator
  - PS has the same standing as an OASIS Standard
  - 7 days minimum - 2/3 must vote yes, no more than 1/4 nay votes
  - OP Admin publishes PS to the library and announces/promotes

- Project Specification Approved by PGB
- Submitting to OASIS as a Candidate Standard

- OASIS Standard approved by members under Call for Consent

Project Specification Draft(s) → **DRAFT PS PGB Approval** → **Project Specification** → **Candidate PS PGB Approval** → **60 Day Public Review** → **Call for Consent** → **OASIS Standard**

GitHub Repo

OASIS Project Library docs.oasis-open-projects.org

Approve to Publish Draft 2-3 Weeks
Public Review
1st 30 Days
Subsequent 15 Days Each
Feedback 2 Weeks-3 Months
Statements of Use 1-3 Months

Special Majority Vote 7 Days 2-3 Weeks Publish Candidate Standard

Working Draft 3-6 Months

(DEC 22)

Special Majority Vote 7 Days

8-18 Months

60 Days

14 Days

Publication & Announcement 1-2 Weeks

12-24 Months

PGB RECOMMENDATION OF INTENT TO SUBMIT XXX AS A REHEARSAL CANDIDATE SPECIFICATION (S)

- Placeholder

PGB RECOMMENDATION OF INTENT TO SUBMIT RELEASE X.X AS A CANDIDATE OASIS STANDARD

- Placeholder

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RESOURCES

- [OASIS Open - OASIS Open (oasis-open.org)](oasis-open.org)
- NIEMOpen.org: http://NiemOpen.org
- Git Repos
  - NIEMOpen: https://github.com/niemopen/
  - NTAC TSC   TBD: in-progress
  - NBAC TSC   TBD: in-progress
  - NMO TSC   TBD: in-progress
- NIEMOpen Slack Channel: https://niemopen.slack.com/
- Mailing Lists
  - NIEMOpen   : https://lists.oasis-open-projects.org/g/niemopen
  - PGB: https://lists.oasis-open-projects.org/g/niemopen-pgb
  - NTAC TSC: https://lists.oasis-open-projects.org/g/niemopen-ntactsc
  - NBAC TSC: https://lists.oasis-open-projects.org/g/niemopen-nbactsc
  - NMO TSC: https://lists.oasis-open-projects.org/g/niemopen-nmotsc

POC/Administrator: Aubrey Beach**|** beach_aubrey@bah.com

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24

PGB MEETING SCHEDULE

NEXT PGB Meeting

- Tuesday, 11 April 2023

- Virtual Meeting 3 – 4 PM EST
  - Virtual: MS TEAMS

Q3 & 4 2023 Meetings

- Tuesday, 11 July 2023

- Tuesday, 12 Dec 2023

Executive Session

Microsoft Teams meeting 11 April 2023, 3 -4 PM EST
Join on your computer, mobile app or room device
Click here to join the meeting
Or call in (audio only)
+1 410-874-6749,,102687285#   United States, Odenton
Phone Conference ID: 102 687 285# Find a local number
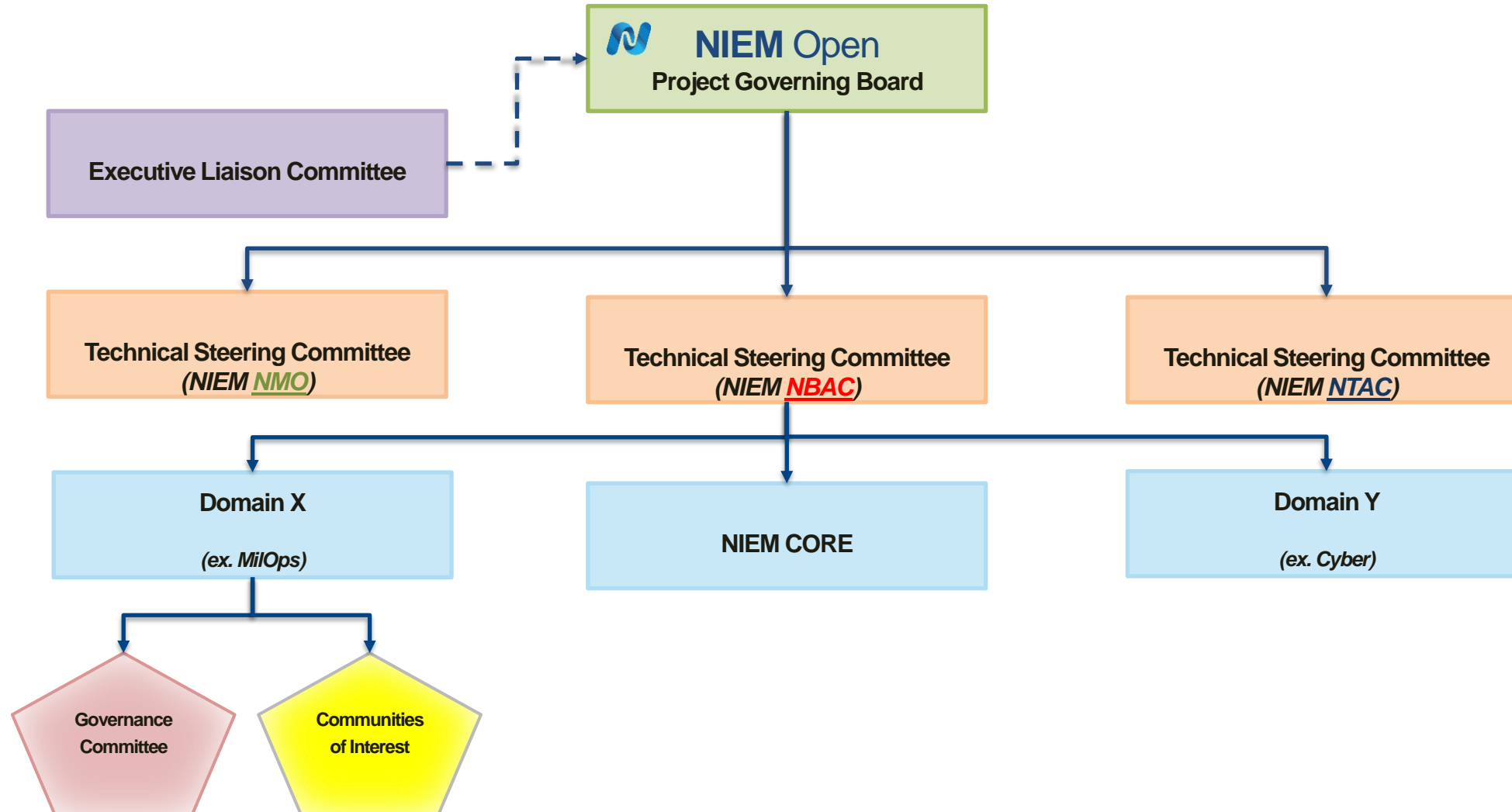| Reset PIN
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ADJOURN

- **Chair:** Is there any more business?

- **Chair**: Do any of the PGB members or our attending guests have any questions?

- **Chair:** Meeting Adjourned

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BACKUPS

TRANSITION TO OASIS OPEN PROJECT/GOVERNANCE

NBAC, NTAC, & NMO TSC CO-CHAIRS

TSC	Approved (TSC CHAIRS)
NBAC TSC	Mr. Kamran Atri & Mr. Thomas Krul
NTAC TSC	Dr. Scott Renner & Mr. Jim Cabral
NMO TSC	Ms. Katherine Escobar & Ms. Beth Smalley

NBAC TSC

NTAC TSC

NMO TSC

NIEM OPEN MAINTAINERS

GitHub Repos	Primary	Alternates
NIEM Open	Ms. Christina Medlin & Mr. Aubrey Beach	Mr. Tom Carlson, Ms. Shunda Louis
NBAC TSC	Ms. Christina Medlin & Mr. Aubrey Beach	Mr. Tom Carlson, Ms. Shunda Louis, Mr. Steve Sullivan
NTAC TSC	Mr. Tom Carlson & Christina Medlin	Mr. Aubrey Beach, Ms. Shunda Louis, Dr. Scott Renner, Mr. Mike Douklias
NMO TSC	Mr. Aubrey Beach	Ms. Shunda Louis, Mr. Steve Sullivan, Mr. Mike Douklias

Ms. Christina Medlin

Mr. Aubrey Beach

Mr. Tom Carlson

PHYSICALLY TRANSFER NIEM CAPITAL/ EQUITIES TO OASIS (LEAD DEVELOPER)

- **NIEM API 2.0** - Provides lead developer resources currently used to manage the NIEM model as open-source code
  - NIEM database
  - NIEM model management functions (add, update, delete content)
  - NIEM model QA Change request spreadsheet
  - QA Change request spreadsheet importer
  - NIEM XML schema importer
  - NIEM XML schema generator
  - NIEM XML schema conformance validator
  - Documentation spreadsheet generator
  - Change log generator
  - Release builder
  - Release statistics generator
  - Migration rule builder
  - SSGT
  - Migration Tool
- **User Tools -** Open-source front-end tools for the NIEM community.
  - SSGT 2.0 functionality
  - Migration Tool functionality
- **Processes**
  - Harmonization
  - Change request
  - QA Build a release (major, minor, supplement/update)
  - Deploy NIEM tools
  - Build a NIEM specification

- **Subdomain Management** - Transfer files and management of the following niem.gov subdomains. Management functions include hosting management, updating certificates, managing redirects, and other system admin functions.
  - **release.niem.gov** - Contains release artifacts that are also available on the GitHub NIEM-Releases repo, but schema URIs resolve here (via redirects)
  - **reference.niem.gov**
    - **guidance** - Old information, archive candidates
    - **resource** - Old information. archive candidates
    - **specification** - Contains NIEM specifications, conformance target identifiers and other links resolve here
  - **publication.niem.gov** - Contains domain updates and Core supplements
  - **tools.niem.gov** - Currently hosts SSGT and ConTesA
  - **beta.movement.niem.gov** - The source code for Movement is already open source and available on GitHub
- **Mailing Lists**
- **Miscellaneous**
  - NIEM OASIS specification generator
  - NIEM GitHub Sites
  - GENC codes parser - Schematron to extract GENC codes to update NIEM releases
  - NIEM GML profile generator - XSLT to subset the full GML external standard for the NIEM release
  - NCCT issue export - Export issues from the old Bugzilla issue tracker (NIEM Configuration Control Tool) used prior to the GitHub issue trackers

PHYSICALLY TRANSFER NIEM CAPITAL/ EQUITIES TO OASIS (NMO)

- Specifications for all NIEM releases
    - Naming and Design Rules (NDR)
    - JavaScript Object Notation (JSON)
    - Code Lists Specifications
    - Conformance Targets Attribute Specification v3.0
    - Information Exchange Package Documentation (IEPD) Specification
    - Conformance Specification
- Metamodel
- Model
- Source Code
- Release 5.2
- Release 6.0
- User Tools
    - The Common Model Format (CMF)
    - MEP Builder Tool
- R2 Open
- Training (Active and Archive Material)
- Documentation Archive Files

GitHub

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NIEM 5.2 MINOR RELEASE (2022)

- Minor releases include updates to domains and code sets
- Check release status at https://niem.github.io/niem-releases/

Phase	NIEM
🟢 Alpha 1	AUG 2022
🟢 Beta 1	OCT 2022
🟡 RC 1	NOV 2022
⚪ Release	Dec 2022

- **Biometrics** – Additional DNA encoding content

- **Cyber** – New Cyber Physical System (CPS) and ransomware content

- **Learning and Development** *(new)* – New content for courses, course sections, students, and employment positions

- **Justice**
  - Updated National Crime Information Center (NCIC) code sets
  - Updated Model Minimum Uniform Crash Criteria (MMUCC) code sets

- **Military Operations**
  - New Minimum Essential Metadata (MEM) content – resource descriptions, safeguarding and sharing information
  - New USMTF (US Message Text Format) content – military operations, missions, resources, readiness, and training

- **General code set updates**

21

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NIEM 6.0 MAJOR RELEASE (2023)

> • Major releases include updates to Core, domains, and code sets, and the architecture

Content Updates

- **International Human Services** *(new)*

- **Military Operations** – Add additional USMTF content

- Additional content changes for domains

- The Harmonization Working Group will review and harmonize content across Core and the domains

- Merge complex and simple code types

- Simplify how metadata is defined and used

- Standardize representation of adapters

- Potentially simplify the representation of roles[21] in the model

Specification updates

- Naming and Design Rules (NDR)

- Message Specification Guidelines

- Update others to meet OASIS requirements

Tool updates

- **SSGT** – New content and 6.0 architecture changes

- **Migration Tool** – New migration from 5.2 to 6.0 subsets

- **Conformance Tool** – Validate schema conformance against updated NDR rules

- **NIEM API** – Support new content, architecture, backend model and release management capabilities

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