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PUBLICATION

FOUNDRY-BOOTCAMP-SOP



FOUNDRY BOOTCAMP — STANDARD OPERATING PROCEDURE

Maven Smart System (MSS) — USAREUR-AF

HEADQUARTERS
UNITED STATES ARMY EUROPE AND AFRICA
(USAREUR-AF)
Wiesbaden, Germany

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MAVEN SMART SYSTEM (MSS) — USAREUR-AF

C2DAO Training Division

Document	Foundry Bootcamp SOP
Designation	FBC-SOP-001
Proponent	USAREUR-AF C2DAO Training Division
Effective Date	March 2026
Cadence	Quarterly (4 events per FY)
Applies To	Unit Training NCOs/Officers, MSS Administrators, Evaluators, SME Support Staff

OVERVIEW

The Foundry Bootcamp (FBC) is a quarterly 5-day supervised build event. It operates **outside the SL 1 through SL 5 training sequence** — it is not a TM course, does not grant TM credit, and has no place in the TM prereq chain. It is a separate, optional program for personnel who hold SL 2 qualification and have a validated operational problem to build.

FBC is not a substitute for SL 3. Personnel who need structured instruction on advanced platform skills should enroll in SL 3. FBC assumes participants already operate at SL 2 level.

ANNUAL SCHEDULE

Bootcamps are held quarterly. C2DAO publishes the annual FBC calendar each October alongside the Annual Training Schedule.

Bootcamp	Target Quarter
FBC-1	Q2 FY (January–March)
FBC-2	Q3 FY (April–June)
FBC-3	Q4 FY (July–September)
FBC-4	Q1 FY (October–December)

Specific dates are published 90+ days in advance. Units plan Project Brief submissions around the enrollment deadline (T-21 days before Day 1).

PHASE 1 — ENROLLMENT AND PROJECT VALIDATION

Step 1: Unit Identifies Candidate

Unit commander or Training NCO/Officer identifies a SL 2 qualified Soldier or Civilian with an operational problem suitable for FBC. Confirm:

- SL 1 and SL 2 Go evaluations on file
- An operational problem that produces a tangible Foundry product
- No code required (Python, TypeScript, OSDK) — if yes, route to SL 4 specialist enrollment instead
- Data access can be confirmed before bootcamp Day 1

Step 2: Project Brief Preparation

Candidate prepares a Project Brief using the template in FBC_GUIDE.md Appendix A. The brief must include:

- Problem statement (2–5 sentences)
- Output type and description
- Named end user
- Data sources with access confirmation status

- Scope statement (in scope / out of scope for the 5-day bootcamp)
- Supervisor signature

Step 3: Unit Submits Enrollment Request

Unit Training NCO/Officer submits to C2DAO Training Division:

- Enrollment Request (standard enrollment form — CAD Appendix A)
- Project Brief (FBC_GUIDE.md Appendix A)
- SL 1 and SL 2 Go records

Enrollment deadline: T-21 days before bootcamp Day 1.

Step 4: C2DAO Project Review

C2DAO Training Division reviews the Project Brief within 5 duty days of receipt:

Review criterion	Pass condition
SL 2 prereq verified	Go records on file
Problem statement clear	Specific output and named consumer
Scope feasible	Prototype achievable in 5 days at SL 2/30 skill level
Data access confirmed	All sources listed as CONFIRMED by candidate
No code requirements	No Python/TypeScript/OSDK work in scope

If the brief fails any criterion, C2DAO returns it with specific feedback for revision. Revised briefs may be resubmitted up to T-14 days.

Enrollment is confirmed upon Project Brief approval. Confirmation is sent in writing to the unit Training NCO/Officer and candidate.

PHASE 2 — PRE-SPRINT COORDINATION

Step 5: Access Provisioning

Upon enrollment confirmation, the C2DAO coordinator submits an access provisioning request to the MSS Administrator:

- Bootcamp workspace creation (`FBC_[YYYYQQ]_SPRINT`) in MSS Training Environment

- Participant sub-projects created per approved project list
- Editor role granted to each participant for their sub-project
- Branch pre-configured per naming standard

Lead time: 7 duty days minimum. Confirm access provisioned no later than T-5 days.

Step 6: Participant Access Confirmation

Each participant confirms access by T-5 days:

- MSS Training Environment accessible
- Bootcamp workspace and sub-project accessible
- All project data sources accessible
- Branch created and visible

Participants who cannot confirm by T-5 days must notify the coordinator immediately. Unresolved access by T-2 days may result in enrollment deferral to the next bootcamp cycle.

Step 7: SME Pre-Brief

Coordinator provides the SME(s) with the participant project list and bootcamp schedule by T-2 days. See ENVIRONMENT_SETUP.md for SME pre-brief contents.

PHASE 3 — SPRINT EXECUTION

C2DAO coordinator and evaluator are responsible for executing the bootcamp per SPRINT_PACKAGE.md. Key checkpoints:

Day	Coordinator Actions
Day 1	In-brief complete; environment check complete; all participants building by 0900
Days 2–4	Standup conducted 0800; blockers logged; scope escalations documented if applicable
Day 5	All demos complete by 1200; Go/No-Go determinations made; out-brief complete by 1500

PHASE 4 — POST-SPRINT ADMINISTRATION

Within 5 duty days of bootcamp close:

Action	Responsible
Evaluation records completed and filed	Evaluator → C2DAO Training Division
Go notifications sent to participants and unit Training NCOs/Officers	C2DAO Training Division
No-Go counseling and remediation documentation	Evaluator + Coordinator
SL 4 redirect recommendations forwarded to unit Training NCOs/Officers	Evaluator
Bootcamp after-action report submitted	Coordinator
Production promotion coordination for any bootcamp products ready for promotion	Coordinator + unit Data Steward

CAPACITY AND QUOTA

Parameter	Standard
Cohort size	4–16 participants per bootcamp cycle
Minimum viable cohort	4 participants (below 4, defer to next cycle unless C2DAO directs otherwise)
Maximum per bootcamp	16 participants (above 16, split into two parallel cohort tracks)
SME ratio	1 SME per ≤8 participants
Evaluator	1 per bootcamp (may serve as lead SME if qualified)

WAIVERS

Waiver of SL 2 prereq: Not granted. SL 2 is the floor. Personnel without SL 2 Go on file are not eligible for FBC and should be enrolled in SL 2 first.

Waiver of Project Brief: Not granted. FBC without a validated project is a SL 3 equivalency request — that is a different program. Route to SL 3 enrollment.

Waiver of T-14 day brief deadline: May be granted at C2DAO discretion for cases where a validated operational problem emerges after the normal deadline. Requires evaluator confirmation that the project meets all scope criteria and data access is confirmed. Late briefs accepted no later than T-5 days.

RELATIONSHIP TO TM SERIES

Question	Answer
Does FBC count toward SL 3 credit?	No
Does FBC unlock SL 4 enrollment?	No
Does FBC appear in a training record?	Yes — as a separate event type; not as a TM course completion
Can a SL 3 graduate attend FBC?	Yes — SL 3 graduates with a validated project may attend
Can a SL 4 graduate attend FBC?	Yes — any SL 2+ qualified builder with a validated project may attend

DOCUMENT REFERENCES

Document	Location
FBC Participant Guide	maven_training/foundry_bootcamp/FBC_GUIDE.md
FBC Evaluator/Coordinator Package	maven_training/foundry_bootcamp/SPRINT_PACKAGE.md
FBC Environment Setup	maven_training/foundry_bootcamp/ENVIRONMENT_SETUP.md
Enrollment Request Form (standard)	training_management/CAD_MSS.md Appendix A
Project Brief template	FBC_GUIDE.md Appendix A
Handoff Package template	FBC_GUIDE.md Appendix B

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