Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
CON-01	The consensus sub-module shall specify how agents confirm agreement on the prevailing mission state.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-02	The consensus sub-module shall define the procedures that agents will follow to reach a common understanding of the mission plan.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-03	The consensus sub-module shall specify how agents confirm agreement on final task allocations.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-04	The consensus sub-module shall define procedures for agents to decide on capability-based task assignments.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-05	The consensus sub-module shall specify conflict-resolution procedures when multiple agents are equally capable of performing the same task.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-06	The consensus sub-module shall define the procedures for agents to agree on task re-assignments.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-07	The consensus sub-module shall define procedures for validating data received from multiple agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-08	*The consensus sub-module shall define the conditions under which data is considered accepted as correct by all agents.*	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-09	*The consensus sub-module shall specify rules for resolving conflicts when at least one agent provides incorrect data.*	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	No	E.Z	2025-11-05	Its not consistent from PM-15 only from PM-14		No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-10	*The consensus sub-module shall define the rules that agents will follow to reach a collective decision for tasks that require coordination.*	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-11	The consensus sub-module shall define the procedures that agents will follow to reach a collective decision for tasks that require coordination.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	No	E.Z	2025-11-05	Does not follow any of the system req		Completed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-12	The consensus sub-module shall define procedures for agents to agree on which agent searches which portion of the area.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-13	The consensus sub-module shall define the rules that specify when consensus is required for a task.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-14	The consensus sub-module shall specify conditions under which an agent may act independently without seeking consensus.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
CON-15	The consensus sub-module shall define rules for reconciling independently made decisions with the swarm's shared state.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-01	The information sub-module shall define the content of mission state data.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-02	The information module shall specify procedures that agents will follow so as to retrieve the mission plan.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-03	The information shall define the data structure that constitutes the mission plan.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-04	The information sub-module shall define the data structure used to represent tasks.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-05	The information sub-module shall define the data schema representing agent capabilities.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-06	The information sub-module shall define the data model linking agent capabilities with corresponding task requirements.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-07	The information sub-module shall specify procedures for updating task assignment records when re-assignments occur.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-08	The information sub-module shall specify procedures for evaluating the criticality level of each task.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
INF-09	The information sub-module shall specify procedures for updating the shared state after reintegration.	QC-1	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-01	The messaging sub-module shall define the communication rules for transmitting mission state information between agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-02	The messaging sub-module shall define the communication procedures for transmitting mission plan data between agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-03	The messaging sub-module shall define acknowledgment procedures to ensure complete delivery of the mission plan to all intended agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-04	The messaging sub-module shall specify the message formats used for mission plan exchange.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-05	The messaging sub-module shall define the communication procedures for distributing task assignment messages to agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-06	The messaging sub-module shall specify message formats for transmitting task allocation information.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
MSG-07	*The messaging sub-module shall define acknowledgment procedures to ensure that all agents receive their assigned tasks.*	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-08	*The messaging sub-module shall define the communication procedures that agents shall use to transmit capability information to other agents.*	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-09	*The messaging sub-module shall specify the message formats that agents shall use to transmit capability information to other agents*	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-10	The messaging sub-module shall define acknowledgment rules to ensure that all affected agents reliably receive re-assignment notifications.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-11	The messaging sub-module shall define the procedures for exchanging task re-assignment messages between agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-12	The messaging sub-module shall define the standard message structure for task re-assignment proposals.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-13	The messaging sub-module shall define the communication procedure for transmitting degraded status notifications to other agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-14	The messaging sub-module shall specify the identifiers for status messages.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-15	The messaging sub-module shall define procedures for transmitting search area boundary information between agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	No	E.Z	2025-11-05	Does not have a parent		Completed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-16	The messaging sub-module shall specify message formats for boundary data.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	No	E.Z	2025-11-05	Does not have a parent(s)		Completed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-17	The messaging sub-module shall define the procedures for exchanging search area information between agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	No	E.Z	2025-11-05	Missing parent(s)		Completed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-18	The messaging sub-module shall specify what information is included in messages that inform other agents about an agent's independent decision.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-19	The messaging sub-module shall define the procedure for sending notifications of independent actions to other agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
MSG-20	The messaging sub-module shall specify message formats for independent action notifications.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-15	Yes	E.Z	2025-11-05			No action needed
SIS-01	The state instruction sub-module shall define the procedures for issuing instructions to agents based on the current mission state.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
SIS-02	The state instruction sub-module shall specify the process agents must follow after receiving mission plan.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
SIS-03	The state instruction sub-module shall define the conditions under which agents initiate task execution based on the confirmed assignment.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
SIS-04	The state instruction sub-module shall define the conditions under which capability information influences mission plan.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
SIS-05	The state instruction sub-module shall define the actions an agent is permitted to take in states where independent decision-making is allowed.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
SIS-06	The state instruction sub-module shall specify the procedure for reporting independent decisions to other agents.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-01	The task allocation sub-module shall specify the criteria used to determine which agent is assigned a given task.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-02	The task allocation sub-module shall define the procedure for mapping mission plan objectives to specific agent tasks.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-03	The task allocation sub-module shall define the rules for mapping capabilities to specific tasks.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-04	The task allocation sub-module shall define the triggers for initiating a task re-assignment.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-05	The task allocation sub-module shall specify the procedure for selecting a new agent for a re-assigned task based on the prevailing agent capabilities.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-06	The task allocation sub-module shall define procedures for using criticality levels to assign tasks.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-07	The task allocation sub-module shall specify rules for updating task priority when criticality changes.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-08	The task allocation sub-module shall define procedures for identifying fully functional agents eligible to take over high-criticality tasks.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-08A	The task allocation sub-module shall assign each high-criticality task only to agents whose capabilities match the task requirements.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-09	The task allocation sub-module shall define procedures for identifying degraded agents eligible for lower-criticality tasks based on their prevailing capabilities.	QC-1	Yes	E.Z	2025-11-05			No action needed
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed
TAL-10	The task allocation sub-module shall specify rules for assigning lower-criticality tasks to degraded agents without exceeding their current capabilities.	QC-1	Yes	E.Z	2025-11-05			No action needed

Subsystem REQ ID	Requirement Description	Checklist QualityCriteria ID	Yes/No N/A	Reviewer	Date	Comments	Action(s)	Status of action(s)
		QC-2	Yes	E.Z	2025-11-05			No action needed
		QC-3	Yes	E.Z	2025-11-05			No action needed
		QC-4	Yes	E.Z	2025-11-05			No action needed
		QC-5	Yes	E.Z	2025-11-05			No action needed
		QC-6	Yes	E.Z	2025-11-05			No action needed
		QC-7	Yes	E.Z	2025-11-05			No action needed
		QC-8	Yes	E.Z	2025-11-05			No action needed
		QC-9	Yes	E.Z	2025-11-05			No action needed
		QC-10	Yes	E.Z	2025-11-05			No action needed
		QC-11	Yes	E.Z	2025-11-05			No action needed
		QC-12	Yes	E.Z	2025-11-05			No action needed
		QC-13	Yes	E.Z	2025-11-05			No action needed
		QC-14	Yes	E.Z	2025-11-05			No action needed
		QC-15	Yes	E.Z	2025-11-05			No action needed