

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 22: Swiftwater/ Flood Rescue Manager

Description: A *Swiftwater/Flood Rescue Manager* is a mid-level position within a water rescue task force that supervises Swiftwater/Flood Rescue Technicians and/or Swiftwater/Flood Boat Squads and provides direct supervision, general leadership, wellness and safety of team members within an ICS Unit.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
	Fulfillment of applicable requirement(s) as stated in the following standard(s), or equivalent: <ol style="list-style-type: none">1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent2. NFPA 1670, or equivalent3. ASTM F1730-964. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
Training	Completion of the following baseline criteria: <ol style="list-style-type: none">5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection6. Emergency medical first responder per NFPA 1006 (2003), A 3-3.57. Risk assessment8. Hazard mitigation9. PPE10. Use of related tools and devices11. Hydrology12. Advance rope skills13. Active and passive search techniques14. Low head dam rescue operations15. Training in rating of Class 3, per AW Section VI Safety Code or higher whitewater16. Multiple victims17. Managing squad-sized teams during emergency operations18. GPS/maps and compass Completion of the following courses and/or curricula: <ol style="list-style-type: none">19. ICS-100: Introduction to ICS20. ICS-200: Basic ICS21. ICS-300: Intermediate ICS22. FEMA IS-700: NIMS, An Introduction23. FEMA IS-800: NRP, An Introduction24. NIMS Operations Section Chief training25. NIMS Planning Section Chief training Completion of the following training courses: <ol style="list-style-type: none">26. Applicable portions of Rescue Technician per NFPA 1006 (2003)

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Category	Criteria
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none">1. Medical requirements established by the AHJ2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:<ul style="list-style-type: none">• National: USLA for Lifeguards (swim test, 500 meters in 10 minutes)• National: NFPA 1006 7.1.12 (Swim or float with and without aids)• State: TX/NC swim test (300 meters in 8 minutes)

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SAR Job Title 22: Swiftwater/Flood Rescue Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	1. NASAR MSO/MLPI Course 2. Development of a national swift/water/flood rescue manager program 3. Recertification of all training requirements listed above
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³⁰
Certification	1. Completion of certification as: • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR MLPI or MSO 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³⁰ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 23: Swiftwater/ Flood Rescue Technician

Description: A *Swiftwater/Flood Rescue Technician* is an entry-level position within a water rescue task force that responds to searches and rescues from shore and in water, consistent with NFPA 1006.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/ Flood Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	<p>Fulfillment of applicable requirement(s) as stated in the following standard(s):</p> <ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent 2. NFPA 1670, or equivalent 3. ASTM F1730-96 4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident <p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Emergency Medical First Responder per NFPA 1006 (2000) A 3-3.5 7. Risk assessment 8. Hazard mitigation 9. PPE 10. Use of related tools and devices 11. Hydrology 12. Training in rating of Class 3, per AW Section VI Safety Code or higher whitewater 13. Night operations <p>Completion of the following courses and/or curricula:</p> <ol style="list-style-type: none"> 14. ICS-100: Introduction to ICS 15. ICS-200: Basic ICS 16. FEMA IS-700: NIMS, An Introduction <p>Completion of the following training courses:</p> <ol style="list-style-type: none"> 17. Applicable positions or "Rescue Technician" per NFPA 1006 (2003)
Physical/ Medical Fitness	<p>Completion of the following baseline criteria:</p> <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as: <ul style="list-style-type: none"> • National: USLA for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 (Swim or float with and without aids) • State: TX/NC swim test (300 meters in 8 minutes)

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 23: Swiftwater/Flood Rescue Technician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/ Flood Rescue Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	Completion of the following courses and/or curricula: 1. Recertification of all training requirements listed above 2. NASAR Fundamentals of SAR (FUNSAR) Course 3. FEMA IS-800: National Response Plan (NRP), An Introduction
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³¹ , or equivalent
Certification	1. Completion of certification as: • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR SAR TECH II 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³¹ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 24: Swiftwater/ Flood Rescue Technician- Boat Bowman

Description: A *Swiftwater/Flood Rescue Technician- Boat Bowman* is an entry-level position within a Swiftwater/ Flood boat rescue task force that can affect in-water and boat-based (paddle and powered) rescues, while meeting the requirements to be a Swiftwater/ Flood Rescue Technician, as consistent with NFPA 1006.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Technician- Boat Bowman* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria		
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):		
	<ol style="list-style-type: none">1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent2. NFPA 1670, or equivalent3. ASTM F1730-964. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident		
	Training	Completion of the following baseline criteria:	
		<ol style="list-style-type: none">5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection6. Emergency Medical First Responder per NFPA 1006 (2000) A 3-3.57. Risk assessment8. Hazard mitigation9. PPE10. Use of related tools and devices11. Use of appropriate craft in aquatic environment12. Boat and motor support (maintenance, trailering, and repair)13. Hydrology14. Night operations15. GPS/maps and compass16. Operate craft in Class 1-6, per American Whitewater Section VI Safety Code, swiftwater/flood conditions17. SRT/Flood Technician	
		Training	Completion of the following courses and/or curricula:
			<ol style="list-style-type: none">18. ICS-100: Introduction to ICS19. ICS-200: Basic ICS20. FEMA IS-700: NIMS, An Introduction
			Completion of the following training courses:
		Physical/ Medical Fitness	<ol style="list-style-type: none">21. Applicable portions of Rescue Technician per NFPA 1006 (2003)
			Completion of the following baseline criteria:
		Physical/ Medical Fitness	<ol style="list-style-type: none">1. Medical requirements established by the AHJ2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:<ul style="list-style-type: none">• National: USLA for Lifeguards (swim test, 500 meters in 10 minutes)• National: NFPA 1006 7.1.12 (Swim or float with and without aids)• State: TX/NC swim test (300 meters in 8 minutes)

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 24: Swiftwater/Flood Rescue Technician- Boat Bowman

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Boat Technician- Bowman* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT P- and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	Completion of the following courses and/or curricula: 1. FEMA IS-800: NRP, An Introduction 2. NASAR Fundamentals of SAR (FUNSAR) Course
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³² 2. Develop a data base to verify physical/medical requirements
Certification	1. Completion of certification as: • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR SAR TECH II 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³² That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 25: Swiftwater/ Flood Rescue Technician- Boat Operator

Description: A *Swiftwater/Flood Rescue Technician- Boat Operator* is an entry-level position within a Swiftwater/ Flood boat rescue task force that affects in-water and boat-based (paddle and powered) rescues while meeting the requirements to be a Swiftwater/ Flood Rescue Technician, as consistent with NFPA 1006. This position is considered "boat captain" as has the ultimate responsibility for boat operations.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/ Flood Rescue Technician- Boat Operator* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):
	1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent
	2. NFPA 1670, or equivalent
	3. ASTM F1730-96
	4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria:
	5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	6. Emergency Medical First Responder per NFPA 1006 (2000) A 3-3.5
	7. Risk assessment
	8. Hazard mitigation
	9. PPE
	10. Use of related tools and devices
	11. Use of power and paddle craft in aquatic environment
	12. Boat support (maintenance, trailering, and repair)
	13. Operate craft in Class 1-6, per AW Section VI Safety Code, swiftwater/flood conditions
	14. Hydrology
15. Certification as a boat bowman	
16. GPS/Map and Compass	
Physical/ Medical Fitness	Completion of the following courses and/or curricula:
	17. ICS-100: Introduction to ICS
	18. ICS-200: Basic ICS
	19. FEMA IS-700: NIMS, An Introduction
Physical/ Medical Fitness	Completion of the following training courses:
	20. Applicable portions of Rescue Technician per NFPA 1006
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
	2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:
	• National: USLA for Lifeguards (swim test, 500 meters in 10 minutes)
	• National: NFPA 1006 7.1.12 (Swim or float with and without aids)
• State: TX/NC swim test (300 meters in 8 minutes)	

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SAR Job Title 25: Swiftwater/Flood Rescue Technician- Boat Operator

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/ Flood Rescue Boat Technician-Boat Operator* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	1. FEMA IS-800: NRP, An Introduction 2. NASAR Fundamentals of SAR
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³³
Certification	1. Completion of certification as: • EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum • NASAR SAR TECH II 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³³ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 26: Swiftwater/ Flood Rescue Technical Specialist (Advisor)

Description: A *Swiftwater/Flood Rescue Technical Specialist* is a qualified Swiftwater/Flood Rescue Technician that is used in an advisory capacity to provide knowledge and assistance in the use of boats and/or swift/water rescue teams during water SAR operations.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
	Fulfillment of applicable requirement(s) as stated in the following standard(s): <ol style="list-style-type: none">1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent2. NFPA 1670, or equivalent3. ASTM F1730-964. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
Training	Completion of the following baseline criteria: <ol style="list-style-type: none">5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection6. Emergency Medical First Responder per NFPA 1006 (2000 Ed.) A 3-3.57. Risk assessment8. Hazard mitigation9. PPE10. Use of related tools and devices11. Hydrology12. Advance rope skills13. Active and passive search techniques14. Low head dam rescue operations15. Training in AW, Section VI Safety Code, rating of Class III or higher whitewater16. Multiple victims17. Managing squad-sized teams during emergency operations18. Helicopter and Boat Operations Awareness19. Night operations20. USGS/I-Flow/National Weather Service (NWS) Flood warning and notification systems21. GPS/map and compass Completion of the following courses and/or curricula: <ol style="list-style-type: none">22. ICS-100: Introduction to ICS23. ICS-200: Basic ICS24. ICS-300: Intermediate ICS25. FEMA IS-700: NIMS, An Introduction26. FEMA IS-800: NRP, An Introduction Completion of the following training courses: <ol style="list-style-type: none">27. Applicable portions of "Rescue Technician", per NFPA 1006 (2003).28. NIMS Planning Section Chief29. NASAR MLPI or MSO

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Category	Criteria
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"><li data-bbox="597 390 1052 422">1. Medical requirements established by the AHJ<li data-bbox="597 422 1357 560">2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:<ul style="list-style-type: none"><li data-bbox="659 478 1305 510">• National: USLA for Lifeguards (swim test, 500 meters in 10 minutes)<li data-bbox="659 510 1284 541">• National: NFPA 1006 7.1.12 (Swim or float with and without aids)<li data-bbox="659 541 1143 573">• State: TX/NC swim test (300 meters in 8 minutes)

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 26: Swiftwater/Flood Rescue Technical Specialist (Advisor)

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Technical Specialist* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as minimum
Training	Completion of the following courses and/or curricula: 1. FEMA IS-800: NRP, An Introduction 2. Helicopter Operations 3. Confined Space Operations 4. Rope Operations 5. Search operations and planning (advanced GPS and map skills) 6. Search Operations (map skills) 7. Recertification of all training requirements listed above. 8. Knowledge of federal, state, or EMAC disaster response procedures 9. NIMS Operations Section Chief
Experience	1. Three years experience in Swiftwater/Flood Rescue operations. 2. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need. 3. Fingerprint Background Check 4. Ability to work well with others and develop new working relationships
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³⁴
Certification	1. Completion of certification as EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum 2. Recertification of all training requirements listed above

³⁴ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 27: Swiftwater/ Flood Technician- Animal Rescue

Description: A *Swiftwater/Flood Technician- Animal Rescue* is an entry level position within a water rescue task force that affects animal rescues from shore and in the water, while meeting the requirements to be a Swiftwater/Flood Rescue Technician, as consistent with NFPA 1006.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Technician- Animal Rescue* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s):
	1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent
	2. NFPA 1670, or equivalent
	3. ASTM F1730-96
	4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	5. Animal rescue course
	6. Animal behavior course
	Completion of the following baseline criteria:
	7. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection
	8. Emergency Medical First Responder per NFPA 1006 (2000 Ed.) A 3-3..5
	9. Risk assessment
	10. Hazard mitigation
	11. PPE
12. Use of related tools and devices	
13. Hydrology	
Completion of the following courses and/or curricula:	
14. ICS-100: Introduction to ICS	
15. ICS-200: Basic ICS	
16. FEMA IS-700: NIMS, An Introduction	
Completion of the following training courses:	
17. Applicable portions of "Rescue Technician", per NFPA 1006 (2003)	
Physical/ Medical Fitness	Completion of the following baseline criteria:
	1. Medical requirements established by the AHJ
	2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as:
	<ul style="list-style-type: none"> • National: USLA for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 (Swim or float with and without aids) • State: TX/NC swim test (300 meters in 8 minutes)

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SAR Job Title 27: Swiftwater/Flood Technician- Animal Rescue

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Technician- Animal Rescue* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: 1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum
Training	Completion of the following courses and/or curricula: 1. FEMA IS-800: NRP, An Introduction
Experience	1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents, every 5 years or as dictated by need 2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): 1. NFPA 1582, Standard on Medical Requirements for Fire Fighters ³⁵ , or equivalent
Certification	1. Completion of certification as EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum 2. Recertification of all training requirements listed above 3. Develop uniform national certification standards

³⁵ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

SAR Job Title 28: Swiftwater/ Flood Rescue Unit Leader

Description: A *Swiftwater/Flood Rescue Unit Leader* is a qualified Swiftwater/Flood Rescue Manager responsible for direct supervision of multiple Managers or teams within an Operational Division/Group.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Swiftwater/Flood Rescue Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training	Fulfillment of applicable requirement(s) as stated in the following standard(s): <ol style="list-style-type: none"> 1. NFPA 1006: Standard for Rescue Technician (2003), or equivalent. 2. NFPA 1670, or equivalent. 3. ASTM F1730-96 4. NFPA 472 HazMat Operations and/or OSHA 1910.120(Q)(6)(ii), HazMat Operations Training or equivalent basic instruction on responding to and operating in a CBRNE incident
	Completion of the following baseline criteria: <ol style="list-style-type: none"> 5. OSHA 1910.120 and/or 1910.134(f) Respiratory Protection 6. Emergency Medical First Responder per NFPA 1006 (2000 Ed.) A 3-3.5 7. Risk assessment 8. Hazard mitigation 9. PPE 10. Use of related tools and devices 11. Hydrology 12. Advance rope skills 13. Active and passive search techniques 14. Low head dam rescue operations 15. Training in AW, Section VI Safety Code, rating of Class III or higher whitewater 16. Multiple victims 17. Managing squad-sized teams during emergency operations 18. GPS/map and compass
	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 19. ICS-100: Introduction to ICS 20. ICS-200: Basic ICS 21. ICS-300: Intermediate ICS 22. FEMA IS-700: NIMS, An Introduction 23. FEMA IS-800: NRP, An Introduction Completion of the following training courses: <ol style="list-style-type: none"> 24. Applicable portions of Rescue Technician, per NFPA 1006
Physical/ Medical Fitness	Completion of the following baseline criteria: <ol style="list-style-type: none"> 1. Medical requirements established by the AHJ 2. Minimum physical fitness and swimming standards, JRPAT, as required by the AHJ, such as: <ul style="list-style-type: none"> • National: USLA for Lifeguards (swim test, 500 meters in 10 minutes) • National: NFPA 1006 7.1.12 (Swim or float with and without aids) • State: TX/NC swim test (300 meters in 8 minutes)

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SAR Job Title 28: Swiftwater/ Flood Rescue Unit Leader

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously-listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the SAR Working Group's recommended criteria for a *Swiftwater/Flood Rescue Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Completion of the following training courses: <ol style="list-style-type: none">1. EMT- P and/or EMT- B level per appendices of NFPA 1006 as a minimum2. NASAR FUNSAR3. NASAR MSO/MLPI Course
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none">1. FEMA IS-800: NRP, An Introduction
Experience	<ol style="list-style-type: none">1. Position taskbooks that validate and verify (by AHJ) demonstrated ability to perform required skills in exercises and/or actual incidents every 5 years or as dictated by need2. Fingerprint Background Check
Physical/ Medical Fitness	Fulfillment of requirement(s) as stated in the following standard(s): <ol style="list-style-type: none">1. NFPA 1582, Standard on Medical Requirements for Fire Fighters³⁶
Certification	<ol style="list-style-type: none">1. Completion of certification as:<ul style="list-style-type: none">• EMT-B per NFPA 1006(2003) A-3-3.5, as a minimum• NASAR SAR TECH II2. Recertification of all training requirements listed above3. Develop uniform national certification standards

³⁶ That NFPA 1582, Standard on Medical Requirements for Fire Fighters, as recommended by NFPA 1006, be adopted. Where necessary, additional inoculations specific to the incident environment may be required.