



FEMA

US&R GENERAL MEMORANDUM – 2016-035a

August 31, 2016

FOR: National Urban Search & Rescue Response System
Task Force Representatives

FROM: Dean Scott, Chief
Operations Section
Urban Search and Rescue Branch

SUBJECT: US&R General Memorandum 2016-035a – (Revised) Advisory Organization –
21-Day Review – Addition of Inflatable Rescue Boats

This revision provides the adjudication for all comments received during this 21-day review.

Based on National Urban Search and Rescue (US&R) Response System (the System) discussions at its December 2014 meeting, the Strategic Group requested a recommendation from the Advisory Group on whether or not to add inflatable rescue boats to the *FEMA Approved Equipment Cache List*. Subsequently, at its December 2015 meeting the Strategic Group expanded that request to include the potential of adding swiftwater capabilities to the System's Water Operations Concept of Operations (Water Ops CONOP). Additionally, at the March 2016 Strategic Group meeting direction was given to the Advisory Group to split the Water Rescue Specialist and US&R Boat Operator position descriptions and position task books into separate documents.

The Rescue Subgroup presented a white paper to address this tasking at the December 2015 Strategic Group meeting that identified the System's current operational capability, capacity gaps, and recommendations for a more robust Water Ops CONOP. Additionally, based on input from the Logistics Functional Group, a recommended addendum to the *2015 FEMA Approved Equipment Cache List* was developed that identifies the equipment needed to operationalize and logistically support the additional inflatable rescue boats.

The Operations Functional Group has submitted recommendation OP-2016-002 – *Addition of Inflatable Rescue Boats*. Please review and comment on the attached recommendation and its six supporting documents as to whether they: address the System's needs, identify process changes, consider budgetary impacts, and include appropriate courses of action.

Comments must be submitted online using the System's [US&R Comment Review Form](#). For every comment being made a new form needs to be submitted; do not combine issues or comments into one form. If the recommendation is supported with no comments, it will move forward to the next approval step. If further work is required for the document to be supported, it will be sent back for additional work, adjudication of comments, and resubmission into the approval process. **If a task force accepts the document as reviewed, one comment form should be submitted stating that the task force has no comment. Task Force Representatives should ensure that all comments are submitted by COB May 19, 2016.**

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Questions regarding this document review process may be directed to Dean Scott of the US&R Branch at: dean.scott@fema.dhs.gov.

Attachments:

Recommendation OP-2016-002 - Addition of Inflatable Rescue Boats
US&R Water Operations CONOP (02-24-16) DRAFT
Position Description – Water Rescue Specialist (04-18-16) DRAFT
Position Task Book – Water Rescue Specialist (04-18-16) DRAFT
Position Description – US&R Boat Operator (04-18-16) DRAFT
Position Task Book – US&R Boat Operator (04-18-16) DRAFT
Equipment Cache List Addendum – Water Tab – Inflatable Boats and Equipment
21-Day Review – Addition of Inflatable Rescue Boats - Comment Form (2016)

cc:

US&R Strategic Group
US&R Advisory Group
US&R Branch Staff
FEMA Regional/Federal/International ESF #9 Representatives

**National Urban Search and Rescue Response System
Document Review Comment Form**

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1	AZ-TF1			No comment to the documents reviewed. We completely support the addition of this capability to the US&R mission. As requested in Dean's GM 2016-035, paragraph 3, the documents do not provide information regarding funding support for training and does not address the long term sustainment of this capability. For AZTF-1, the greatest single financial impact will be incurred in meeting the initial and recurring training requirements as described. Secondly, the maintenance and replacement of the physical resources (boats, motors and trailers) is also a concern that has not been completely addressed. As mentioned in the US&R Advisory Organization Recommendation memo from Jeff Saunders to Bill Brown, dated 28 April 2016, Page 3, heading: "Financial Impacts" "The financial impacts are not limited to the additional equipment. Training costs must be addressed." As you are already aware, the documents presented for review of the 2016/17 budgets do not address this critical issue.	Supporting the additional training load and required cache support may prove to be unsustainable over time for some US&R Task Forces. Everyone seems painfully aware that adequate funding to address these issues should be planned and allotted for, at the program level, moving forward. Thanks for the chance to comment and let us know if these is anything we can do to support moving the program forward.	A-Admin	Concur - Raise to Strategic Group level for funding concerns
2	CA-TF6			Our Task Force supports the addition of the IRB's and motors but the finical impact needs to be addressed. Overtime and department backfill for logistics and personnel in the position would change how other discipline training are delivered.	More funding.	A - Admin C - Critical	Concur - Raise to Strategic Group level for funding concerns
3	CA-TF6	3	49	I do not think the standard should be set off of I.A.D.R.S. (International Association of Dive Rescue Specialists) since this is not Dive Rescue. The AHJ should set the standard on what would be a minimum requirements should be since there is no standard for Swift Water Technician that is listed.	Let the AHJ set the minimum standard.	A - Admin	Concur - Swim Assessment is In accordance with NFPA standard 1006
4	CA-TF8			support with no comments			
5	CO-TF1	WRS PD #2	38	delete reference to the "FEMA National US&R Response System GPS/Land Navigation Operations Course" There is no "FEMA National US&R Response System GPS/Land Navigation Operations Course" Refer to a Task Force authorized GPS operational level of training.	Instead refer to a Task Force authorized GPS operational level of training.	S - Substantive C - Critical	Partially-concur - Water documents will be cross-walked with TPAM for consistency
6	CO-TF1	WRS PTD	50	Line 50 states the minimum level of training for GPS is awareness WRS PD stats operational level.	Recommend to change language to Task Force operational level for GPS.	S - Substantive C - Critical	Partially-concur - Water documents will be cross-walked with TPAM for consistency

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7	CO-TF1	BO PD #2	39	delete reference to the "FEMA National US&R Response System GPS/Land Navigation Operations Course". Instead refer to a Task Force authorized GPS operational level of training.	Instead refer to a Task Force authorized GPS operational level of training.	S - Substantive C Critical	Partially-concur - Water documents will be cross-walked with TPAM for consistency
8	CO-TF1	WRS PTD #5	132	the "FEMA /US&R WMD Enhanced Operations Course" has been replaced by the FEMA/US&R Enhanced Operations in the Contaminated Environment Course.	Change to FEMA/US&R Enhanced Operations in the Contaminated Environment Course	A - Admin S - Substantive	Concur - The "FEMA /US&R WMD Enhanced Operations Course" has been replaced by the FEMA/US&R Enhanced Operations in the Contaminated Environment Course.
9	CO-TF1	Recommendation Document	Logistics	NOTE: The 2 boats (Zodiac FC 420) and the 3 motors alone total \$47,781 not including the \$2,991 for adjunct equipment. The 2016 Budget Spend Plan Draft allocates only \$44,000. An additional \$6,700 may be needed to carve out of the 2016 Cooperative Concurment		A - Admin	Outside the perview of the Subgroup
10	CO-TF1	Recommendation Document	Finacial Impacts	Delete the 24 hours minimum training time required for the Boatman/Boat Operator and leave it to completing the skills addressed in the Boat Operator Task Book training cost were only stated as needing to be addressed and if proficiency training is required annually, overtime and backfill cost could be significant.	Change to: Boatman/Boat Operator and leave it to completing the skills addressed in the Boat Operator Task Book Address in the recommendation that on going proficiency training overtime and backfill cost could be significant.	C - Critical	Partially-concur - Rescue Subgroup recommends 24 hours. Funding is outside the perview of the Subgroup
11	IN-TF1	1	15	2015 Rev. Water Ops Equipment cache list. The total of all supportive equipment equals \$2,061.96	The total on page 2 of the OPs Group recommendaton equls \$2,991. In additional the total expenditures equals \$50,772.00 and the FY16 budget set's aside \$44K for the purchase of the inflatable boat equipment cache.	S - Substantive	Outside the perview of the Subgroup
12	IN-TF1	1	42496	US&R General Memo 2016-035, the current line reads Water Operations Concept of Operations (Water Ops ConOps)	Should read Water Concept of Operations (Water ConOps)	A - Admin	Concur
13	IN-TF1	1	18	Advisory Org. Recommendation April 18, 2016 reverances the 2015 FEMA Approved Equipment Cache list which was provided with the 21 day review doesn't include the specification for the motors or the inflatable boats.	The 2015 FEMA Approved Equipment Cache list should include the specifications for the motor and inflatable boats wiht the associated MSRP cost for each item.	S - Substantive	Partially-concur - Rescue Subgroup will collaborate with Equipment Subgroup to draft the requested specifications

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14	IN-TF1	1	23	Operational: National US&R Response System Task Forces shall be capable of providing a 14 person NIMS Type I Swiftwater Rescue Team as an organic component of a FEMA Type 1-3 Task Force.	Based on the NIMS Typing Swiftwater/Floodwater Search & Rescue Team Requirements indicates that 2 people need to be trained in animal rescue as well as have the supporting equipment to perform that function. In addition, 4 personnel need to be trained in Helicopter Rescue Ops as well as 4 personnel need to be certified as Public Safety Divers. The current 2015 FEMA Equipment Cache list doesn't support the NIMS Typing requirements that are set forth in the recommendation as well as the ConOps. Dive equipment is needed to be germained to the task force. On a finicial basis, if the current recommendation moves forward it would cause an unfunded mandate for Task Force to meet in order to provide the level of the specified resource that is written in the recommendation and ConOps.	C - Critical	Partially-concur - Remove NIMS acronym from all documents Rescue Group does not recommend helo, dive and animal operations
15	IN-TF1	2	22 &24	Performing additional tasks or duties as assigned & Evaluating and modifying water operational tactics as needed	Switch those two lines so it would read: Evaluating and modifying water operational tactics as needed. Performing additional tasks or duties as assigned	S - Substantive	Concur
16	IN-TF1	2	42-46	The current Position Task Book reads as below: Meet requirements of NFPA 1006 (2013 Edition) Chapter 5: Job Performance Requirements Chapter 6: Rope Rescue (Level 1 & 2) Chapter 11: Surface Water Rescue (Level 1& 2) Chapter 12: Swiftwater Resce (Level 1 & 2)	Meet requirements of NFPA 1006 (most recent edition) Chapter 1: Administrative Chapter 5: Job Performance Requirements Chapter 6: Rope Rescue (Level 1 & 2) Chapter 11: Surface Water Rescue (Level 1& 2) Chapter 12: Swiftwater Resce (Level 1 & 2) Chapter 1 1.3.6 it states "Rescurers at Level 1 & 2 shall remain current with technical rescue practices and applicable standards and shall demonstrate competency on an annual basis. This would require that all personnel trained to the Level 1 & 2 to have annual refresher training. Currently there is no requirements within the TF PTB to have Boat Operators nor Water Specialist to complete annual refresher training. This is required per NFPA.	C - Critical	Concur - Rescuer Subgroup recommends annual continuing education and referring to most current NFPA Edition.

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17	IN-TF1	3	49-54	This section of the Task Force Position Description and the completion of the a minimum requirement swim test of 500 yards. Per Anex A 1670-51 Stamina Exercise #1.	The 500 yard swim test is just one aspect of the I.A.D.R.S. Annual Watermanship Test. In the NFPA document you must complete all 5 aspects of this watermanship test. So why do we just pick one, should FEMA US&R as the AHJ develop our own watermanship test, which could include for an example a 300 yard swim, 15 minute tread, 5 minute rescue float, a 100 yard tow and water self rescue skills (i.e. getting yourself back into the boat once thrown out of it by simulating hitting an underwater obstacle). If this is our ConOps and Position Descriptions then we should set our standard. The current I.A.D.R.S annual watermanship test requires a 800 yard snorkel swim, the task forces currently don't have the equipment to complete this. In NFPA 1006 Annex A 11.2.1 indicates that the AHJ provide an annual swim test that meets or exceeds the I.A.D.R.S. Annual Watermanship Test.	C - Critical	Non-concur - Rescue Subgroup recommends minimum 500 yard swim
18	IN-TF1	3 Boat Operator	32-36	The task book lists the performance requirements (tasks) for this specific position in a format that allows a trainee to be evaluated against written guidelines. Successful performance of all tasks, as observed and recorded by an evaluator, will result in a recommendation to the Task Force that the trainee be certified in that position. Each PTB lists the performance requirements (tasks) for the specific position in a format that allows a TF member to be evaluated against written guidelines, specified by NFPA 1006 - 2008 edition,	Should read: The PTB lists the performance requirements (tasks) for the specific position in a format that allows a TF member to be evaluated against written guidelines, specified by NFPA 1006, (most recent edition), As the paragrph reads currently it says the same thing twice, the above change would clean it up.	S - Substantive	Concur
19	IN-TF1	page 5 US&R Boat Operator PTB	141		Need to include FEMS Ethics training annually. The General Training Requirements should have already been met as a Rescue Specialist. So the General Training Requirements should not be included in this Position Task Book. But if it needs to be included the FEMA Ethics Training (Annually) needs to be included.	C - Critical	Concur
20	IN-TF1	5, US&R Boat Operator Position Task Book	132	Complete the FEMA/US&R WMD Enhanced Operations Course.	Should read: Complete the FEMA.US&R Enhanced Operations in the Contaminated Environment.	C - Critical	Concur

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21	IN-TF1	6 US&R Boat Operator Position Task Book	155-158	Must have current file that includes completed: Applicant for Federal Employment; Optional 612 Employee Data Transmittal Sheet Appointment Affidavits! Standard form 61	Lines 155-158 are not consistent in the Boat Operator Task Book and the Water Specialist.	C - Critical	Concur
22	IN-TF1	3-Water Rescue Specialist Task Book	32-36	The task book lists the performance requirements (tasks) for this specific position in a format that allows a trainee to be evaluated against written guidelines. Successful performance of all tasks, as observed and recorded by an evaluator, will result in a recommendation to the Task Force that the trainee be certified in that position. Each PTB lists the performance requirements (tasks) for the specific position in a format that allows a TF member to be evaluated against written guidelines, specified by NFPA 1006 - 2008 edition,	Each PTB lists the performance requirements (tasks) for the specific position in a format that allows a TF member to be evaluated against written guidelines, specified by NFPA 1006 (most recent edition), Successful performance of all tasks, as observed and recorded by an evaluator, will result in a recommendation to the Task Force that the trainee be certified in that position. This language is the same as in the Boat Operator's Task Book. This needs to be the same language.	S - Substantive	Concur
23	IN-TF1	5, US&R Water Rescue Specialist	132	Complete the FEMA/US&R WMD Enhanced Operations Course.	Should read: Complete the FEMA/US&R Enhanced Operations in the Contaminated Environment.	S - Substantive	Concur
24	IN-TF1	5, US&R Water Rescue Specialist	139	Missing the FEMA Ethics annual training.	Add the FEMA Ethics annual training	S - Substantive	Concur
25	IN-TF1	5, US&R Water Rescue Specialist	116	Complete IS-100, IS-200, IS-700.A and IS-800.B on-line courses.	Question: is 700A required for all Task Force personnel or is this just an updated NIMS 700 course.	S - Substantive	Partially-concur - Water documents will be cross-walked with TPAM for consistency
26	IN-TF1	6, US&R Water Rescue Specialist TB	157	Complete quantitative respiratory protection fit test per 29 CFR 1910.134.	Move the Completion of respiratory fit testing to line 132 and move everything down. This would have the respiratory requirements all together.	A - Admin	Concur

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27	IN-TF1	9, Water Rescue Specialist TB	176	Successfully swim 500 yards within 19 minutes	This is taken from the I.D.A.R.S. Watermanship Annual Swim test requirements. Why did we just choose one skill out of the 5 that are required to be completed. It would be easier to develop our own Watermanship swim test that meets or exceeds the IADRS Watermanship Annual Swim Test. As stated in NFPA 1006 Annex A 11.2.1 which states: "A realistic evaluation of the rescuer's water survival skills should be conducted by the AHJ to meet this requirement. It's recommended that the AHJ use an annual swim test that meets or exceeds the IADRS Annual Watermanship Test. These skills in the IADRS Watermanship Test is not required, but recommended as an example of a swim test to evaluate a Water Rescue Specialist water skills.	C - Critical	Non-concur - Rescue Subgroup recommends minimum 500 yard swim
28	IN-TF1	3, US&R Water ConOps	53-54	The intent of this initiative was to have all US&R Task Forces deployable with a minimum 28 US&R Water Rescue Specialists trained by June 2013.	Need to update the timeline. Question in the Task Book it allows the individual to take 3 years to complete. So does this effect the total minimum of 28 Water Rescue Specialist personnel, which would over all effect the the date listed on line 54. Does this need to read June 2019.	S - Substantive	Concur - 2 years after final approval
29	IN-TF1	6, US&R Water ConOps	158-161	US&R Water Rescue Specialist - A US&R Water Rescue Specialist is trained to perform all objectives listed in NFPA 1006/2008 Chapter 11, Surface Water Rescuer Level 1 and 2, and Chapter 12, Swiftwater Rescue Level 1 and 2, (including those trained as Bowman and Boat Operator) as prescribed within the task book requirements.	US&R Water Rescue Specialist - A US&R Water Rescue Specialist is trained to perform all 158 objectives listed in NFPA 1006/2013 edition, Chapter 11, Surface Water Rescuer Level 1 and 2, and 159 Chapter 12, Swiftwater Rescue Level 1 and 2, (including those trained as Bowman and Boat 160 Operator) as prescribed within the task book requirements. Also what about NFPA 1006 Chapter 6 Rope Rescue Level and Level II. Instead of listing the edition of the NFPA Standard perhaps list it has most recent edition.	C - Critical	Concur
30	IN-TF1	6, US&R Water ConOps	200-202	Task forces will be allowed up to two trailers with a maximum size of 24 feet for over-road and must meet air transport requirements. There may be other combinations and options for tactical use in the operational theater.	So the funds were available to purchase the original boat equipment and then the ConOps comes out after the purchase and now many of the task forces purchased enclosed trailers that currently without modifications don't meet the air transport requirements. We need to look at the ConOps and ensure that we close all the inconsistencies with this document.	S - Substantive	Outside the perview of the Subgroup
31	IN-TF1	7, Water ConOps	206	The US&R Water Ops equipment cache shall be inventoried according to standard US&R Logistics policy and procedures. Daily boat, trailer and equipment logs shall be utilized.	The Daily Boat, Trailer and equipment log should also be apart of this 21 day review since it's listed whitin the ConOps.	S - Substantive	Outside the perview of the Subgroup

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32	IN-TF1	7, Water ConOps	221-224	NFPA 1006 Chapter 11, Surface Water Rescue Level I and II 221 NFPA 1006 Chapter 12, Swiftwater Rescue Level I and II 222 NFPA 1006 Chapter 5 and 6, Rope Rescue Level I and II 223 FEMA GPS Awareness Level	This section should also include NFPA 1006 Chapter 1 Administration that addresses Rescuers at Level I and Level II shall remain current with technical rescue practices and applicable standards and shall demonstrate competency on an annual basis.	C - Critical	Partially-concur -Recommend annual refresher training
33	IN-TF1	7, Water ConOps	229-236	The following is recommended as a minimum evaluation of watermanship for the 229 US&R Water Rescue Specialist and is referenced from NFPA 1006: Complete the minimum swim requirement of 500 yards without stopping using a forward stroke and without using swim aids such as dive mask, swim goggles, fins, snorkel, or flotation device. Stopping or standing up in the shallow end of the pool at any point during the exercise will constitute a failure. To be completed within 19 minutes. (Directly quoted from NFPA 1670, Annex A, 1670-51 Stamina Exercise #1)	The US&R System needs to develop their own swim efficiency test that meet or exceeds the IADRS Watermanship test listed in NFPA 1006 Annex I section I.2 The current ConOps only selects one example of the test when there is actually 5 sections and you must pass all 5 sections on an annual basis. Based on NFPA Chapter 1 section 1.3.6 Rescuers shall demonstrate competency on an annual basis as well as an annual swim test.	C - Critical	Non-concur - Rescue Subgroup recommends minimum 500 yard swim
34	IN-TF1	7, Water ConOps	224-252	Textbook: Technical Rescuer, Water Levels I and II by Steve Treinish Delmar Cengage Learning 243 ISBN-10: 1-428-32102-0 MSRP Price: \$82.00 Instructor CD: Technical Rescuer, Water Levels I and II by Steve Treinish 248 Delmar Cengage Learning ISBN-10: 1-4283-2103-9 MSRP Price: \$165.00	The US&R System should develop their own curriculum and not promote a single text book. There could be a review of several curriculums and develop the best to fit our operational parameters.	S - Substantive	Non-concur - There is no reason to develop a System course at this time
35	IN-TF1	12, Water ConOps	442	specifically the crawl space in an attic	Should read: specifically in the attic space.	S - Substantive	Concur

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36	IN-TF1	12, Water ConOps	464-490	<p>During urban flooding situations, alternative boat launch locations may be needed. Teams may need to utilize flooded roadways, ramps, bridge approaches as launch ramps. Partnering with local or military assets may prove valuable as they have high clearance vehicles to transport over areas that are too shallow for launch of a boat. When the water is too deep for high water vehicles, then the boat can be launched from the cargo area. Any launch area should be evaluated for the possibility of being unusable due to high or low water conditions/hazards. Team members should make sure the ramp is clear. Get out and look. Inspect the end of the ramp that is under water. The inspection should determine if the ramp can support vehicles and trailers. Launching techniques should be in accordance with training provided by the provider agency. With the parked trailer in place, use the winch to ease the boat into the water. If the ramp is slippery, you might need wheel chocks to keep the tow vehicle and trailer in place. Once the boat is afloat and secured, detach the winch cable from the boat. Rewind the cable and park the trailer nearby. Boats may need to be carried until the water is deep enough to float. Plan for alternate launch/recovery sites due to changes in water levels. Securing Boat Task Force personnel should refer to their boat operator course for general methods of securing and anchoring procedures and considerations. Boat crews should utilize straight edges of boat to press on structural members of building. The boat operator should apply light forward pressure to the building from the boat to hold the boat in place. Also, boat crews can utilize rope lines from the boat to secure it to a structure. When securing the boat to a structure, the boat should be tied off via two (2) locations, as dictated by the boats alignment to structure. After boat is secured to structure, shut down power to motor. The boat operator shall routinely check anchor points to ensure holding ability, as fluctuations of weather conditions, and tactical considerations may dictate movement of the boat. When loading survivors or evacuees onto the boat or when using the boat as a working platform at least one boat operator shall be on the boat.</p>	<p>This section is too much in the weeds and would be better served in a job aid.</p>	S - Substantive	Non-concur

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37	IN-TF1			The US&R Water ConOps indicates that the Water Rescue Specialist will be trained to meet the requirements set forth per NFPA 1006 Level I & II on page 7. Within the definitions there are no listed definitions for Awareness, Level I & Level II Rescue. In addition, the ConOps doesn't address those task force personnel that may be transported via boat.	In NFPA 1670 section 9.4.9 indicates that organizations operating at the technician level at surface water rescue incidents shall develop and implement procedures for providing training that meets the requirements of Level II Surface Water as defined by NFPA 1006 for all members expected to enter the water of a surface water incidents. This also addresses situations involving Floodwater and swiftwater in section 9.4.11 of NFPA 1670. This would indicate that any other task force member making entry into the boat will need to be trained above the Awareness level as well as require a annual swim test. In general, swift water operations account for more public safety water rescue fatalities than any other water rescue discipline including public safety diving. There is only one opportunity to get this right for the safety and effectiveness of those responders who will be in harm's way. As written the document does not: • Meet Type I swift water requirements • Consider budgetary impacts • Meet best practices and national standards If FEMA is going to support swift water operations it is critical that a comprehensive system of planning, organizing, exercising, and evaluation be required using national standards and best practices. This document does not provide adequate funding or a consistent training component.	C - Critical	Non-concur
38	IN-TF1	2, US&R Boat Operator PD	28-29	Individuals who meet the following requirements and criteria will be eligible to become a	should end sentence with an US&R Boat Operator	A - Admin	Concur
39	IN-TF1	5, US&R Boat Operator Position Task Book	122	Complete the First Responder Operational Level for Hazardous Materials (OSHA 29 CFR,1910.120) 122 including annual refresher training.	Should read (OSHA 29 CFR 1910.120) no comma between CFR 1910.120	A - Admin	Concur
40	IN-TF1	5, Water Rescue Specialist PTB	122	Complete the First Responder Operational Level for Hazardous Materials (OSHA 29 CFR,1910.120) 122 including annual refresher training.	Remove the comma between CFR 1910.120	A - Admin	Concur

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41	IN-TF1	3, US&R Water ConOps	46-47	To embed a National Incident Management System (NIMS) compliant 14-member "US&R Water Ops component embedded within a Type I US&R Task Force; and/or	Needs to read: To embed a National Incident Management System (NIMS)-compliant 14-member US&R Water Ops component within a Type I US&R Task Force; and/or	A - Admin	Partially-concur - Remove NIMS acronym from all documents
42	IN-TF1	3, US&R Water ConOps	67	EMAC system	EMAC needs to be spelled out. I don't believe that it's been spelled out prior to using the abbreviation.	A - Admin	Concur
43	IN-TF1	4, US&R Water ConOps	70	In 2006 the first US&R Water Operations Ad Hoc Group	Needs to read: In 2006, the first US&R Water Operations Ad Hoc Group.	A - Admin	Concur
44	IN-TF1	5, US&R Water ConOps	147-156	Not consistent with periods, please review the document.	Review the document on the consistent use of periods ending the bullet points.	A - Admin	Concur
45	IN-TF1	6, US&R Water ConOps	163-167	Bowman - A US&R Water Rescue Specialist trained to assist the Boat Operator with US&R operations in the water environment. Boat Operator - A US&R Water Rescue Specialist responsible for operating the boat during US&R operations in the water environment. This position is responsible for safe boat operations.	Need to have: An US&R Boat Operator An US&R Water Rescue Specialist	A - Admin	Non-concur
46	IN-TF1	6, US&R Water ConOps	182	when their task force has achieved operational readiness (complete equipment cache and training for US&R Water Operations and readiness to deploy consistent with this ConOps or their status to respond has changed.	Missing the) in the above area.	A - Admin	Concur
47	IN-TF1	6, US&R Water ConOps	200	Task forces will be allowed up to two trailers with a maximum size of 24 feet for over-road and	Should read: Task forces will be allowed up to two trailers with a maximum size of 24 feet for over-road travel and	A - Admin	Concur
48	IN-TF1	9, Water ConOps	331	Personal flotation device (PFD)	Needs to read: Personal Floation Device	A - Admin	Concur
49	IN-TF1	9, Water ConOps	328	The minimum personal protective equipment (PPE) worn/carried by task force personnel 328	Should read: The minimum Personal Protective Equipment (PPE) worn/carried by task force personnel 328	A - Admin	Concur
50	IN-TF1	11	388-412	Missing periods at the end of several bullet points.		A - Admin	Concur
51	MD-TF1			No comments MD-TF1			Concur
52	NE-TF1	3	46	A NIMS Type 1 swift water/flood search and Rescue team consists of SCUBA element. Currently no task force is equipped to function in a subsurface environment. In order to be compliant additional training and equipment would need to be added.	Remove the NIMS wording within the document to prevent having to comply with the subsurface skill set.	C - Critical	Concur
53	NE-TF1	4	89	In the list of strategic goals there is no mention of a risk-benefit analysis in the water environment?	Add a risk-benefit analysis in the water environment to the strategic goals.	S - Substantive	HOLD

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54	NE-TF1	5	125	Are we limiting who can perform the function of Water Ops Team Leader to only TFL, RTM, or RSO?	In the context of this document and acceptable positions to be used are Task Force leader, Rescue Team manager, Rescue Squad officer, or Search Team manager.		Partially-concur - Pick the most qualified water rescue specialist
55	NE-TF1	5	132	Why are we referring to Firescope? Why not use the NFPA definition of swift/moving water of 1 knot?	Recommended to use the NFPA definition of swift moving water of 1 knot.		Non-concur - Firescope provides a more realistic definition of swift water
56	NE-TF1	11	378	Size up, The entire "Size up" section is devoid of instructions/directions/training as it relates to safety. No Additional safety training/hazard awareness in the water environment for the IST, SO's or TFL's.	Provide additional training for IST personnel as it relates to Swift/Surface water operations.		Partially-concur - Elevate to Ops Functional Group and IST
57	NE-TF1	12	444	Mentions in no case...are rescuers to be exposed to subsurface environment. NIMS Type 1 requires a SCUBA component.	This sentence contradicts NIMS Type 1 compliance.		Partially-concur - Remove NIMS acronym
58	NE-TF1	1	36	Why are we not using the current version of NFPA 1006?	Replace NFPA 1006-2008 edition with latest version of NFPA 1006 standards.		Concur
59	NE-TF1	2(Boat Operator Position Description	39	The GPS/Land Navigation Ops Course is not a valid course that is available to all Task Forces.	Remove this requirement and replace with some sort of GPS course or standard.		Partially-concur - Water documents will be cross-walked with TPAM for consistency
60	NE-TF1	3(Boat Operator Task Book)	51	Line 51 requirement of GPS awareness contradicts with line 39 of the Boat operator pd, GPS/Land Navigation Ops course.	Make both Boat operator PD and Task Book have the same requirements.		Partially-concur - Water documents will be cross-walked with TPAM for consistency
61	NE-TF1	4 (Boat Operator task book)	77	Notifying the task force leader when the PTB is completed and providing a copy. Should add TFL or designee within bullet point.	Notifying the task force leader or designee when the PTB is completed and provide a copy.		Concur
62	NV-TF1			There are a number of grammatical errors throughout the document that should be checked prior to publication.	Assign author to check grammar throughout document prior to publication.	A - Admin	Concur
63	NV-TF1	5	129	Why was definition for Swiftwater not taken from the NFPA standard 3.3.211 page 1006-13 instead of the FireScope Definition. Since we are using the NFPA definition throughout this program, shouldn't we maintain consistency.	Change definition to NFPA 1006 definition.	A - Admin	Non-concur Firescope provides a more realistic definition of swift water
64	NV-TF1			Why is there no mention of annual training requirement as it is stated on NFPA 1006, Chapter 1, 1006-6, Section 1.3.6. If we are going to adopt the NFPA standard for Surface Water and Swiftwater Rescue.	Adopt the NFPA 1006 Standard for Surface Water and Swiftwater Rescue to include Chapter 1.	A - Admin	Partially-concur - Rescue Subgroup recommends annual continuing education and referring to most current NFPA Edition.
65	NY-TF1						

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66	OH-TF1	2 of Boat Operator PD	39 & 40	39 GPS/Land 40 Navigation Operations Course. Does this class exist in the System? I remember there once was a reference to the course, and that it may have once been given in Phoenix - but it was never turned into a class.	Confirm this class exists and then make it know to the System TFs so we can schedule training to be compliant with PD. Otherwise remove from PD or specify requirement so another land nav class can be a substitute.	C - Critical	Partially-concur - Water documents will be cross-walked with TPAM for consistency
67	OH-TF1	Page 3, boat operator PD	2	2 Council or equivalent OR EQUIVALENT - at a minimum specify several equivalent options. Otherwise this could be a questioned issues - if a local equivalent is used - for the ARE peers to have to contend with.	<input type="checkbox"/> specify several equivalent options or examples.	S - Substantive	Non-concur
68	PA-TF1	15	584-585	Is sampling of the water valid if not tested at the time of collection? If so, how / where will it be tested and what are the sample storage parameters / acceptable timelines between the specimens being collected / testing completed?	Validate the need and draft language establishing a policy & testing process	S - Substantive	HOLD
69	PA-TF1	14	518	Delete s from assists Add (s) to survivor. survivor(s)	Delete s from assists Add (s) to survivor. survivor(s)	A - Admin	Concur
70	PA-TF1	9	331	Further define level(s) of PFD	Language to include: Personal Flotation Devices (PFD) commensurate with the level of the task members will be engaged in. i.e. working within 10' of water members will don a minimum of a level X PFD	S - Substantive	Non-concur
71	Select On	3, US&R Water ConOps	46-47	To embed a National Incident Management System (NIMS) compliant 14-member 46 "US&R Water Ops component embedded within a Type I US&R Task Force; and/or To provide (for future consideration) the means to deploy a standalone 14-member US&R 49 Water Operations component from each of the National Response System US&R Task 50 Forces.	The Water ConOps intent is for the US&R Water Ops embedded component to meet the proposed NIMS Type I Swiftwater-Flood Search & Rescue Task Force requirements. The equipment cache list doesn't match the required equipment to meet NIMS Type I Swiftwater/Floodwater Rescue Team. Based on the NIMS Typing SCUBA equipment is required and should be within our equipment cache. The NIMS Type I Swiftwater/Floodwater Rescue Team also requires helicopter hoist harnesses that are also not on the cache list. A complete review of the NIMS Standards as well as NFPA standards to ensure that the Water ConOps is not making requirements without the proper funding.	C - Critical	Partially-concur - Remove NIMS acronym
72	TN-TF1	3	42	Change page number 6 to page number 5	The definition to US&R Operations in the Water Environment is found on page 5 not page 6.	A - Admin	Concur
73	TN-TF1	3	60	Hurricane Allison has two "L's" not one per NOAA.gov website	Change the spelling of Hurricane Alison to "Allison"	A - Admin	Concur

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74	TN-TF1	6	163-167	In Water Con Ops the Bowman and Boat Operation definitions should include that they are considered members of the crew to match Line 312-313 of the same document. Notice that there is not a definition for Coxswain. This term is in the PTB of the Boat Operator, <u>however it is not defined anywhere.</u>	Either list within the definition of Bowman and Boat Operator that these positions will be considered part of the crew or on line 312 state who is considered part of the crew. List the term Coxswain as a synonym for Boat Operator.	A - Admin S - Substantive	Concur
75	TN-TF1	6	160	Level 1 and 2 should be consistent throughout all the water documents or Level I and II should be consistent, not both.	Change Level 1 and 2 or Level I and II to match. page 6 line 160 Page 7 line 213 Boat Op PD page 2 line 43-46 Water Rescue PD page 2 line 43-46 Water Rescue PTB page 3 line 47-49 Boat Op PTB page 3 line 47-49	A - Admin	Concur
76	TN-TF1	7	224	Listed is FEMA GPS Awareness but in both PDs the GPS requirement is Operations (Water Res. Spec PD page 2 line 39 and Boat Op PD page 2 line 39)	Change GPS requirement to Operations or Awareness, whichever the subgroup requires, but not both. Change the Task heading in the PTB for each position to match their decision. Boat PTB page 8 top task listed and Water Rescue PTB add the task which is not even listed.	A - Admin S - Substantive C - Critical	Partially-concur - Water documents will be cross-walked with TPAM for consistency
77	TN-TF1	9	319-324	The tactical worksheet replaced the IAP in PD 2014-007.	Documentation should be the Tactical Worksheet, ICS 214, Boat and Equipment Log	A - Admin S - Substantive C - Critical	Concur
78	TN-TF1	10	373	Con Ops states under safe boating operations heading that boats used in night ops have appropriate lights but under size-up line 405-408 states night ops should be conducted only in extreme circumstances. I feel this is a safety concern and should state this in both sections.	Add Night operations should only be conducted in extreme circumstances to line 373	A - Admin C - Critical	Non-concur
79	TN-TF1	11	394	remove the redundant work "Water and" from this line	The sentence should read "Water features can be deceiving in fast moving water."	A - Admin	Non-concur
80	TN-TF1	12	443	Con Ops- change spelling of "attack" to "attic"	The sentence is dealing with attic searches and not attacks. Change spelling of "attack" to attic.	A - Admin	Concur
81	TN-TF1	13	501	Con ops-redundant term "are getting off", remove one.	suggestion-When rescuers or survivors are getting off a boat, the boat crew should monitor weight distribution.	A - Admin	Concur
82	TN-TF1	14	560	The term "Gross Decon" is introduced but throughout the remainder of the Con Ops is called either "scrub gross Decon" or "gross Decon scrub" Stick to one term. It references Annex B US&R Operations in a Contaminated Environment (Oct 2013). The term Gross Decon is not in this Annex.	change the term to "scrub gross decon." This term is found in the Firescope FOG. If this is where the original writer found the term, suggest listing this as the supporting document here as you did Annex B or at the end under supporting documents.	A - Admin	Concur - Rescue Subgroup recommends "gross decon"
83	TN-TF1	15	583	Con Ops-Stay consistent with terminology of Water Ops Team Leader as found on page 5 line 125. Line 583 calls it Water Rescue Leader and both PD state on page 2 the position described should report to the "Rescue Squad Officer" while the definition in the Con Ops state the Water Ops Team Leader can be a TFL, RTM or Squad officer.	Change Water Rescue Leader page 15 line 583 of Con Ops Rescue Officer page 2 line 4-5 Water Res. PD and Rescue Officer page 2 line 4-5 Boat Op PD to "Water Ops Team Leader.	A - Admin	HOLD

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84	TN-TF1	16	618	Con ops-Change measurements to coincide using either metric or standard but not a mixture. It appears this came directly from Firescope but suggest changing.	1 ounce of Sodiumfor every gallon.	A - Admin	Concur
85	TN-TF1	3	36	Water Rescue RTB- NFPA 1006 is listed in some areas using 2008 edition and some areas using 2013 edition. Change to one or the other but not both.	The PD references NFPA 1006 (2013) while the PTB references (2008) edition. Con ops lists the 2008 edition on page 6. I understand these documents were compiled over several years using many editions but suggest changing to just one edition throughout, 2013.	A - Admin	Concur
86	TN-TF1	4	78	Add swim test requirement to Trainee responsibility. Interpretation of NFPA lead some to see it as an annual requirement. Or is it one and done like a rope climb for a rope tech.	Possibly add swim test requirement under trainee responsibility	A - Admin	Already addressed
87	TN-TF1	6	153	Both PTB should list the same items on bullet 6.	I know there is changes coming that may do away with the Form 612 and Data Transmittal sheet so list each PTB the same on bullet 6. US&R application/Resume and Appointment Affidavits; Standard form 61 or list as Application for Federal Employment; Optional Form 612.Employee data Transmittal Sheet and appointment affidavits. standard form 61	A - Admin	Concur - Rescue Subgroup will assure consistency
88	TN-TF1	42591	175	Both PTB lists codes below each sheet. It appears that the column "Satisfactory Completion" is where the code goes but it also appears the code in that column is "o". Add the term code in the column the code is expected to go and add directions by the term *code listed at the bottom of the sheet.	Add the word "Code" to the column that should get the code and explain the process by the work *code at the bottom of the page. Is the character in the "Satisfactory Completion" column a "O" noting a task observed by an instructor or is it a set of parentheses to place a code in "()"?	A - Admin	Non-concur
89	TN-TF1	10	177	Not sure why three of the same sheets are at the end of each PTB.	Remove redundant sheets or explain why three sheets are required in the position task book.	A - Admin	Non-concur- Additional sheets are for multiple training days or evaluators
90	TN-TF1	7	177	Boat Operator PTB. The PD for this position states on page 3 line 6 "All objectives are to be completed while operating in each type of vessel in possession of the US&R Task Force." My interpretation is the boat operator will have two PTB, one for each of the boats in the US&R System. Currently the Jon boat and soon to be added rubber boat.	If the interpretation is correct as explained above please add "Type of Boat" line to the PTB.	A - Admin	HOLD
91	TN-TF1	9	178	2/3 down the checkoff page 9 of the Boat Operator there is open quotation marks.	Close quotation marks on the third check off task under Maneuvering Craft Under Power. Define and Demonstrate "Planing, Plowing, Trolling" and proper Attitude of boat in current.	A - Admin	Concur
92	TN-TF1	Cache list	add line	Add boats and motors to 2015 rev B TF Equip Cache List-Water Tab	Cache equip list sent out with 21-day review did not have suggested boats and motors listed within spreadsheet. Add suggested boat and motor to include make, model, or type. Can be taken from Advisory Organization Recommendation page 2	A - Admin	HOLD

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93	TX-TF1			No comments. TX-TF1 accepts as written.			Concur
94	UT-TF1			Comments per TX-TF1			
95	VA-TF1	6	194-198	Discusses deployment of 4 Jon Boards, 2 Inflatable Boats, 8 motors and PPE, but does not allow for additional tow vehicles or trailers. In the current configuration, the trailers purchased will not be able to move all the equipment identified.	Allow for additional tow vehicles / trailers. Extra vehicles are necessary to safely transport this equipment.	C - Critical	Outside the perview of the Subgroup
96	VA-TF1	7	206	Water Ops Conop. Identifies DAILY boat, trailer and equipment logs. This is an unrealistic requirement. Currently FEMA Provided equipment is only required to be inventoried annually, and FEMA funded equipment to be inventoried bi-annually (every other year). Why is this requirement being placed upon the water operations equipment?	REMOVE daily requirement and replace with schedule determined by AHJ.	S - Substantive	Concur
97	VA-TF1	7	207	Water Ops Conop Identifies training requirements with a PD and PTB, but makes no mention of continuing education.	We recommend a continued education requirement of at least 8hrs for Water Rescue Specialist and an additional 12hrs for Boat Operators	S - Substantive	Partially-concur - Rescue Subgroup recommends annual continuing education
98	VA-TF1	7	226	Water Operations Conop Discusses "recommended minimum" swim test. This swim requirement is directly from the IADRS testing but is only one part of the test.	Recommend adding a tread test as well. This could also be from the IADRS stamina test.	S - Substantive	Partially-concur - Rescue Subgroup recommends minimum 500 yard swim
99	VA-TF1	11	405	Water Operations Conop Discussion on night operations and that equipment is limited to allow for night operations. Based on the reason provided for obtaining these watercraft, wouldn't it be prudent to also purchase equipment to allow them to be utilized at night?	Change the cache list to include equipment necessary to work at night.	S - Substantive	Non-concur - Currently have equipment on the cache list
100	VA-TF1	15	584	Water Operations Conop Discusses taking water samples after operations but does not provide any additional information. What is the water being tested for? Who is doing the testing? How much water is needed? Where are we getting the supplies from?	Remove discussion on water samples unless much more information is provided on the reasoning and how the samples will be acquired and tested.	C - Critical	HOLD
101	VA-TF1	15	602	Water Ops Conop Discusses using bleach solution to clean dry suits. This goes against the manufacturer recommendations and will actually damage the suit.	Remove all references to bleach solution on dry suits and follow manufacturer recommendations.	C - Critical	Concur - follow manufacturers recommendation
102	VA-TF1	2	OP 2014-002 - Logistical Impacts Section	Discusses addition of a specific inflatable boat. The boat identified is not the best on the market for swift water operations and teams should not be limited to purchase of that specific boat.	Cache list should reflect the capabilities required of a new inflatable boat but not a specific boat. Should allow for the purchase of a boat with an inflatable floor and not an aluminum deck. Should require the ability to transport rolled up and not on a trailer. Should provide a max capacity requirement. Should be capability based and not an exact product.	C - Critical	HOLD

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103	VA-TF1	2	OP2014-02 - Logistics Impact Section	Identifies the need for a 40hp motor. Most manufacturers produce a 40hp motor but it uses the same housing as a 50 or 60hp motor. This creates additional weight with limited return on performance.	Teams should be allowed to outfit their boats with a motor that fits their capability need. This could be a 30HP motor in most cases. Specific to the boat in question, if you purchase the boat without the aluminum floor it is not rated for a 40hp motor.	C - Critical	HOLD
104	VA-TF1	3	OP2014-002 - Financial impact section	Discusses a training hour requirement. No identification on how these hours were identified (curriculum utilized). Our sponsoring agency requires much greater training level to be swift water (40hrs Rope Rescue + 40hrs Swift Water + 24-32hrs of basic boat operator).	Remove the actual hour levels and replace with sponsoring agency requirements.	S - Substantive	Non-concur - addressed above
105	VA-TF1	Position Task Books - Water Rescue and Boat Operators	153 and 156	General training requirements are not the same, nor are they the same as the TPAM / Self-Evaluation. These need to be the same	Review the general training requirements and make them the same as the TPAM/Self Evaluation in terms of SF61 / Employment Affidavit / etc.	S - Substantive	Partially-concur - Water documents will be cross-walked with TPAM for consistency
106	VA-TF1	Equipment Cache List		Does not allow for additional PPE to be purchased for increased SW capability. If we are going to add a capability, we need to add it fully. We are going to be deploying with 6 boats and will be expected to utilize 6 boats and therefore we need to ensure that we have enough PPE to outfit the necessary team members and have spares for damaged / contaminated PPE.	Increase PPE allowances to account for larger water rescue mission.	S - Substantive	Non-concur - PPE was already increased
107	VA-TF2	2-3 of the advisory recommendation	20-25	Rather than increase the number of boats to 6 and motors to 8 allow task forces to purchase the inflatables but only deploy with 2 IRB's and 2 alum. boats. This would allow us to operate within the current convoy foot print w/o adding additional small vehicles. This is based on the fact that we did not nor should we increase the number of required water rescue specialist and we are spending funds to reduce the cache footprint while also spending funds to increase it.	Task forces are to purchase the IRB's, and motors, remove 2 of the current alum. boats from their cache. These boats could be placed in reserve and or stored for modular deployment with out impacting the stand alone full type 1 deployment.	S - Substantive	Non-concur

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108	WA-TF1	#6 of CONOPS Draft Manual	Preparedness Phase and Cache Equipment.	1. Just making sure that it's FEMA's intent for all Water Rescue Specs to be boat operators not a Requirement. 2. That being the case is getting the Safe Boating Certificate a "Requirement" and is it covered for reimbursement on the Cooperative Concurment? 3. Would it be possible for the Task Forces to have on the Cache, Jet Drive units for all our motors so that given conditions at the scene, we could swap out the bottoms and convert to jet or prop as necessary?		S - Substantive	Partially-concur No 1 - Yes, 2-Yes, 3-