Amendment No.: 5109.17-2008-1

Effective Date: April 4, 2008

Duration: This amendment is effective until superseded or removed.

Approved: ROBIN L. THOMPSON

Date Approved: 02/25/2008

Associate Deputy Chief

Posting Instructions: Amendments are numbered consecutively by handbook number and calendar year. Post by document; remove the entire document and replace it with this amendment. Retain this transmittal as the first page(s) of this document. The last amendment to this handbook was 5109.17-2007-5 to 5109.17_27.2.

<table>
<thead>
<tr>
<th>New Document</th>
<th>5109.17_10</th>
<th>17 Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superseded Document(s) by Issuance Number and Effective Date</td>
<td>5109.17_10 (Amendment 5109.17-2006-5, 09/20/2006)</td>
<td>17 Pages</td>
</tr>
</tbody>
</table>

Digest:

11.1, exhibits 02-12 - Updates a number of entries in the position qualification blocks contained in exhibits 02 through 12 to reflect position standard changes in sections 27.1 and 27.2 for training requirements, experience, and physical fitness.
Table of Contents

11 - NATIONAL INTERAGENCY INCIDENT MANAGEMENT SYSTEM ....................... 3
    11.1 - Qualifications Charts for Incident Command System ............................ 3

12 - WILDLAND AND PRESCRIBED FIRE QUALIFICATION SYSTEM GUIDE, PMS 310-1 .......................................................... 17
11 - NATIONAL INTERAGENCY INCIDENT MANAGEMENT SYSTEM

(For further direction, see FSM 5133.)

All wildland fire protection agencies are organized to manage forest, brush, and grass fires within their jurisdictions. They can usually manage large, complex fires with their own resources. However, additional or substantial outside assistance may be required at times. To address this need, a nationwide multi-agency management system has been adopted, called the National Interagency Incident Management System (NIIMS), which provides the total systems approach necessary for response in emergency situations involving a wide range of natural or human-caused incidents.

NIIMS consists of five major subsystems, which together provide a total approach to incident management. The subsystems and their functions are as follows:

1. Incident Command System (ICS). An on-scene structure of generic management-level positions suitable to manage any incident.


5. Supporting Technology. Technology and systems used to support an emergency response, such as orthophoto mapping, National Fire Danger Rating System, remote automatic weather stations, automatic lightning detection systems, infrared technology, and communications.

11.1 - Qualifications Charts for Incident Command System

Exhibits 02 through 12 display the qualifications and reporting lines for Incident Command System (ICS) positions for the most complex incidents.

Following is the key to the qualification flow charts. The charts in this section show the progression of qualifications from one position to another within the Incident Command System. These charts are not organization charts. Each box within the charts contains information pertaining to prerequisite qualifications, training, and physical fitness and should be read as shown in the diagram and in exhibit 01, which provides a key to the qualification flow charts (ex. 02-10) and also a list of the acronyms used in the charts.
Exhibit 01. Key to Qualifications Flow Charts.
Exhibit 02. Area Command.
Exhibit 03. Command and Staff.
Exhibit 04. Operations Section.
Exhibit 05. Air Operations.
Exhibit 06. Fixed Wing Airbase Operations.
Exhibit 07. Planning Section.
Exhibit 08. Logistics Section.
Exhibit 09. Finance/Administration Section.
Exhibit 10. Expanded Dispatch.
Exhibit 11. Prevention & Investigation.
Exhibit 12. Prescribed Fire Use.
11.1 - Exhibit 01

KEY TO QUALIFICATIONS FLOW CHARTS

These charts are not Incident Command System organization charts.

The following charts show the progression from one position to another within the qualification system. For more information on a position, refer to the individual qualifications defined in section 27.

Each box within the charts contains information pertaining to Required Experience (Qualified As), Required Training, and Physical Fitness Level and should be read as shown in the diagram below:

- **Job Title**
- **Required Experience qualification referenced by Position Code.**
- **Required Training Course(s) for qualification in this position.**
  See sections 27.1-27.2 of this Handbook for a complete list of required training, knowledge, and skills needed.
- **Required level of physical fitness:**
  A = Arduous, M = Moderate,
  L = Light, N = None Required.

**Qualified As:**
- ICT3 + OSC2
- OR
- ICT3 + PSC2
- OR
- ICT3 + LSC2
- OR
- ICT3 + FSC2

**Required Training:**
- S-400, S-420,
- RT-130

**PHYS:**
- N
11.1 - Exhibit 02

AREA COMMAND

Area Commander (ACDR)

Qualified As:
- ACPC
- ACLC
- ICT1

Required Training:
- S-620, IS-700, IS-800

PHYS: N

Assistant Area Commander, Planning (ACPC)

Qualified As:
- ICT1
- Type 1 General Staff

Required Training:
- S-620, IS-700, IS-800, RT-130

PHYS: N

Incident Commander Type 1 (ICT1)

Qualified As:
- ICT2

Required Training:
- S-520, IS-700, IS-800, RT-130

PHYS: N

Assistant Area Commander, Logistics (ACLC)

Qualified As:
- ICT1
- Type 1 General Staff

Required Training:
- S-620, IS-700, IS-800

PHYS: N

Planning Section Chief Type 1 (PSC1)

Qualified As:
- PSC2

Required Training:
- S-520, IS-700, IS-800

PHYS: N

Operations Section Chief Type 1 (OSC1)

Qualified As:
- OSC2

Required Training:
- S-520, IS-700, IS-800, RT-130

PHYS: N

Logistics Section Chief Type 1 (LSC1)

Qualified As:
- LSC2

Required Training:
- S-520, IS-700, IS-800

PHYS: N

Finance/Admin. Section Chief Type 1 (FSC1)

Qualified As:
- FSC2

Required Training:
- S-520, IS-700, IS-800

PHYS: N
11.1 - Exhibit 04

OPERATIONS

Operations Section Chief
Type 1 (OSC1)
Qualified As: OSC2
Required Training: IS-700, IS-800, RT-130
PHYS: M

Operations Branch Director (OPBD)
Qualified As: OSC2
Required Training: IS-700, IS-800, RT-130
PHYS: M

Task Force Leader (TFLD)
Qualified As: Any STL OR any 2 SRB (one must be CRWB or ENGB) + ICT4
Required Training: S-330, S-390, L-380, S-215, IS-700, IS-800, RT-130
PHYS: A

Division/Group Supervisor (DIVS)
Qualified As: TFLD OR ICT3 OR ICT4 + any 2 STL (one must be STCR or STEN)
Required Training: S-339, S-396, L-381, IS-700, IS-800, RT-130
PHYS: M

Structure Protection Specialist (STPS)
Qualified As: DIVS OR ICT3
Required Training: IS-700, RT-130
PHYS: M

Strike Team Leader Tractor/Plow (STPL)
Qualified As: TRPB
PHYS: M

Strike Team Leader Dozer (STDZ)
Qualified As: DOZB
PHYS: M

Strike Team Leader Engine (STEN)
Qualified As: ENGB
PHYS: M

Strike Team Leader Crew (STCR)
Qualified As: CRWB
PHYS: M

Crew Representative (CREP)
Qualified As: CRWB
Required Training: IS-700, RT-130
PHYS: M

Firefighter Type 1 (FFT1)
Qualified As: FFT1
PHYS: A

Firefighter Type 2 (FFT2)
Qualified As: None
Required Training: I-100, L-180, S-130, S-190, IS-700, RT-130
PHYS: A

Staging Area Manager (STAM)
Qualified As: None
Required Training: I-100, I-200, IS-700, S-260
PHYS: L
11.1 - Exhibit 05

AIR OPERATIONS

Air Operations Branch Director (AOBD)
- Qualified As: ASGS
- Required Training: S-470, IS-700, IS-800
- PHYS: N

Air Support Group Supervisor (ASGS)
- Qualified As: HEB1
- Required Training: S-375, IS-700, RT-130
- PHYS: N

Helibase Mgr Type 1 4 + Helicopters (HEB1)
- Qualified As: HEB2
- Required Training: IS-700, RT-130
- PHYS: L

Helibase Mgr Type 2 1-3 Helicopters (HEB2)
- Qualified As: HELM OR HELB
- Required Training: S-371, IS-700, RT-130
- PHYS: L

Helicopter Boss, Single Resource (HELB)
- Qualified As: HECM + FFT1
- PHYS: A

Helicopter Manager (HELM)
- Qualified As: HECM + CRWB or ENGB OR HELB
- Required Training: RT-372, S-372, IS-700, RT-130
- PHYS: M

Helicopter Crewmember (HECM)
- Qualified As: FFT2
- Required Training: S-271, A-219, L-180 (if not obtained in S-130 2003 Revision), IS-700, RT-130
- PHYS: A

Air Tactical Group Supervisor (ATGS)
- Qualified As: DIVS OR ICT3
- Required Training: S-375, IS-700, IS-800, RT-130
- PHYS: N

Deck Coordinator (DECK)
- Qualified As: TOLC
- Required Training: IS-700
- PHYS: L

Helicopter Coordinator (HLCO)
- Qualified As: TFLD OR any STL
- Required Training: S-378, IS-700, IS-800, RT-130
- PHYS: N

Air Tanker/Fixed Wing Coordinator (ATCO)
- Qualified As: None
- PHYS: N

Take-off and Landing Coordinator (TOLC)
- Qualified As: ABRO
- Required Training: IS-700
- PHYS: L

Single Engine Air Tanker Mgr. (SEMG)
- Qualified As: None
- Required Training: I-100, S-270, S-273, IS-700, RT-273
- PHYS: N

Aircraft Base Radio Operator (ABRO)
- Qualified As: None
- Required Training: I-100, IS-700
- PHYS: N
11.1 - Exhibit 06

FIXED WING AIRBASE OPERATIONS

Single Engine Air Tanker Mgr. (SEMG)

Qualified As: None
Required Training:
I-100, S-270, S-273, IS-700, RT-273
PHYS: N

Air Tanker Base Manager (ATBM)

Qualified As: RAMP
Required Training:
PHYS: N

MAFFS Airtanker Base Manager (MABM)

Qualified As: ATBM and MAHS
Required Training:
IS-700
PHYS: N

Fixed Wing Base Manager (FWBM)

Qualified As: RAMP
Required Training:
PHYS: N

MAFFS Tanker Base Specialist (MABS)

Qualified As: Any Airbase Position OR SEMG
Required Training:
MAFFS Training Exercise, IS-700
PHYS: N

Ramp Manager (RAMP)

Qualified As: FWPT
Required Training:
PHYS: N

Mixmaster (MXMS)

Qualified As: Retardant Crewmember
Required Training:
S-270, IS-700, RT-150
PHYS: N

Aircraft Timekeeper (ATIM)

Qualified As: None
Required Training:
A-107, A-111, I-100, IS-700
PHYS: N

Fixed Wing Parking Tender (FWPT)

Qualified As: None
Required Training:
PHYS: N

Retardant Crewmember

Qualified As: None
Required Training:
I-100, A-101, A-104
PHYS: N
** NWCG has not approved a position job code **
11.1 - Exhibit 07

PLANNING

Planning Section Chief Type 1 (PSC1)
- Qualified As: PSC2
- Required Training: S-220, IS-700, IS-800
- PHYS: N

Planning Section Chief Type 2 (PSC2)
- Qualified As: SITL + RESL
- Required Training: S-420, IS-700, IS-800
- PHYS: N

Fire Behavior Analyst (FBAN)
- Qualified As: DIVS
- Required Training: S-490, S-590, IS-700, IS-800, RT-130
- PHYS: M

Situation Unit Leader (SITL)
- Qualified As: Any STL
- Required Training: Any 2 SRB (one must be CRWB or ENGB) + ICT4
- Required Training: IS-700, IS-800
- PHYS: L

Demobilization Unit Leader (DMOB)
- Qualified As: RESL
- Required Training: IS-700, IS-800
- PHYS: N

Documentation Unit Leader (DOCL)
- Qualified As: None
- Required Training: L-100, IS-700, IS-800
- PHYS: N

Resource Unit Leader (RESL)
- Qualified As: SCKN
- Required Training: IS-700, IS-800
- PHYS: N

Fire Behavior Analyst Monitor (FEMO)
- Qualified As: FFT2
- Required Training: S-290, IS-700, RT-130
- PHYS: M

Geographic Information System Specialist (GISS)
- Qualified As: None
- Required Training: L-100, IS-700
- PHYS: N

Training Specialist (TNSP)
- Qualified As: None
- Required Training: L-100, S-390, S-490, S-590, IS-700, RT-130
- PHYS: M

Human Resource Specialist (HRSP)
- Qualified As: None
- Required Training: L-100, S-290, S-340, IS-700, RT-340
- PHYS: N

Long Term Fire Analyst (LTAN)
- Qualified As: FBAN OR FEMO + FTBP
- Required Training: S-390, S-490, S-491, S-492, S-493, S-590, IS-700, RT-130
- PHYS: M

Field Observer (FOBS)
- Qualified As: Any SRB
- Required Training: IS-700, RT-130
- PHYS: M

Display Processor (DPRO)
- Qualified As: None
- Required Training: L-100, IS-700
- PHYS: N

Status/Check-In Recorder (SCKN)
- Qualified As: None
- Required Training: L-100, IS-248, OJT with Incident Base Automation (I-Suite), IS-700
- PHYS: N
11.1 - Exhibit 08

LOGISTICS

Support Branch Director (SUBD)
Qualified As: LSC2
Required Training: IS-700, IS-800
PHYS: N

Logistics Section Chief Type 1 (LSC1)
Qualified As: LSC2
Required Training: S-520, IS-700, IS-800
PHYS: N

Logistics Section Chief Type 2 (LSC2)
Qualified As: FACL + GSUL
OR
FACL + SPUL
Required Training: S-420, IS-700, IS-800
PHYS: N

Service Branch Director (SVBD)
Qualified As: LSC2
Required Training: IS-700, IS-800
PHYS: N

Food Unit Leader (FDUL)
Qualified As: None
Required Training: I-100, S-357, IS-700, IS-800
PHYS: N

Communications Unit Leader (COML)
Qualified As: COMT + INCM
Required Training: IS-700, IS-800
PHYS: N

Facilities Unit Leader (FACL)
Qualified As: BCMG
Required Training: IS-700, IS-800
PHYS: N

Supply Unit Leader (SPUL)
Qualified As: ORDM + RCDM
Required Training: IS-700, IS-800
PHYS: N

Ground Support Unit Leader (GSUL)
Qualified As: EQPM
Required Training: IS-700, IS-800
PHYS: N

Medical Unit Leader (MEDL)
Qualified As: Current EMT with State License
Required Training: L-100, S-359, IS-700, IS-800
PHYS: N

Service Branch Director (SVBD)

Security Manager (SECM)
Qualified As: Successful completion of basic land mgmt police training program or a criminal investigator training program conducted by FLETC
Required Training: L-100, IS-700
PHYS: N

Incident Communications Technician (COMT)
Qualified As: None
Required Training: I-100, IS-700, RT-130
PHYS: L

Incident Communications Center Manager (INCM)
Qualified As: RADO
Required Training: IS-700
PHYS: N

Base/Camp Manager (BCM)
Qualified As: None
Required Training: I-100, IS-700
PHYS: N

Equipment Manager (EQPM)
Qualified As: None
Required Training: L-100, IS-700
PHYS: N

Receiving/Dist. Manager (RCDM)
Qualified As: None
Required Training: L-100, IS-700
PHYS: N

Ordering Manager (ORDM)
Qualified As: EBRG
Required Training: IS-700
PHYS: N

Radio Operator (RADO)
Qualified As: None
Required Training: I-100, IS-700
PHYS: N
11.1 - Exhibit 09

FINANCE / ADMINISTRATION

Finance/Admin. Section Chief Type 1 (FSC1)
- Qualified As: FSC2
- Required Training: S-520, IS-700, IS-800
- PHYS: N

Finance/Admin. Section Chief Type 2 (FSC2)
- Qualified As: TIME + PROC OR TIME + COST
- Required Training: S-420, IS-700, IS-800
- PHYS: N

Procurement Unit Leader (PROC)
- Qualified As: Contracting Officer. Federal Delegated acquisition auth to obligate Gov funds of $100,000 or greater. FS deviates from 310-1(EQTR not required).
- Required Training: I-100, IS-700, IS-800
- PHYS: N

Cost Unit Leader (COST)
- Qualified As: None
- Required Training: I-100, S-260, S-261, S-360, I-SUITE, IS-700, IS-800
- PHYS: N

Time Unit Leader (TIME)
- Qualified As: PTRC
- Required Training: S-360, IS-700, IS-800
- PHYS: N

Comp/Claims Unit Leader (COMP)
- Qualified As: INJR + CLMS
- Required Training: I-100, IS-700, IS-800
- PHYS: N

Compensation-for-Injury Specialist (INJR)
- Qualified As: None
- Required Training: I-100, IS-700
- PHYS: N

Claims Specialist (CLMS)
- Qualified As: None
- Required Training: I-100, IS-700
- PHYS: N

Personnel Time Recorder (PTRC)
- Qualified As: None
- Required Training: I-100, S-260, S-261, IS-700, OJT in Incident Base Automation (I-SUITE)
- PHYS: N

Commissary Manager (CMSY)
- Qualified As: None
- Required Training: I-100, IS-700, OJT in Incident Base Automation (I-SUITE)
- PHYS: N

Equipment Time Recorder (EQTR)
- Qualified As: None
- Required Training: I-100, IS-700, OJT in Incident Base Automation (I-SUITE)
- PHYS: N

Incident Business Advisor Type 1 (IBA1)
- Qualified As: IBA2
- Required Training: IS-700, IS-800
- PHYS: N

Incident Business Advisor Type 2 (IBA2)
- Qualified As: None
- Required Training: S-481, IS-700, IS-800
- PHYS: N
11.1 - Exhibit 10

**DISPATCH**

- **Expanded Dispatch Coordinator (CORD)**
  - Qualified As: EDSP
  - Required Training: M-480, IS-700, IS-800
  - PHYS: N

- **Expanded Dispatch Supervisory Dispatcher (EDSP)**
  - Qualified As: EDSD (in all four functional areas)
  - Required Training: D-510, IS-700, IS-800
  - PHYS: N

- **Expanded Dispatch Support Dispatcher (EDSD)**
  - Qualified As: EDRC
  - Required Training: D-310, NROSSD, IS-700, IS-800
  - PHYS: N

- **Expanded Dispatch Recorder (EDRC)**
  - Qualified As: None
  - Required Training: I-100, IS-700
  - PHYS: N

- **Initial Attack Dispatcher (IADP)**
  - Qualified As: EDRC
  - Required Training: I-100, L-180, S-130, S-190, IS-700, IS-800
  - PHYS: N

- **Aircraft Dispatcher (ACDP)**
  - Qualified As: EDRC
  - Required Training: IS-700
  - PHYS: N
PREVENTION & INVESTIGATION

**Fire Prevention Education Team Leader (PETL)**

- Qualified As: PETM
- Required Training: IS-700, IS-800
- PHYS: N

**Fire Prevention Education Team Member (PETM)**

- Qualified As: None
- Required Training: I-100, IS-700
- PHYS: N

**Wildland Fire Investigator (INVF)**

- Qualified As: FPO Certification or successful completion of basic land mgmt police training program or a criminal investigator training program conducted by FLETC.
- Required Training: FI-210, I-200, IS-700, RT-130
- PHYS: L
11.1 - Exhibit 12

PRESCRIBED FIRE USE

Prescribed Fire Manager Type 1 (RXM1)
- Qualified As: RXB1
- Required Training: I-300, IS-700, RT-130
- PHYS: N

Prescribed Fire Manager Type 2 (RXM2)
- Qualified As: RXB2
- Required Training: IS-700, RT-130
- PHYS: N

Prescribed Fire Burn Boss Type 1 (RXB1)
- Qualified As: RXB1
- Required Training: S-490, RX-410, IS-700, RT-130
- PHYS: L

Prescribed Fire Burn Boss 2 (RXB2)
- Qualified As: FIRB + ICT4
- Required Training: RX-500, RX-510, RX-410, S-390, IS-700, RT-130
- PHYS: M

Prescribed Fire Burn Boss 3 (RXB3)
- Qualified As: FFT1
- Required Training: S-290, IS-700, RT-130
- PHYS: M

Fire Use Manager 1 (FUM1)
- Qualified As: RXB1 OR FUM2 OR ICT2
- Required Training: S-580, IS-700, IS-800, RT-130
- PHYS: M

Fire Use Manager 2 (FUM2)
- Qualified As: RXB2 OR ICT3
- Required Training: S-580, IS-700, IS-800, RT-130
- PHYS: M

Firing Boss, Single Resource (FIRB)
- Qualified As: FFT1
- PHYS: M

Fire Effects Monitor (FEMO)
- Qualified As: FFT2
- Required Training: S-290, IS-700, RT-130
- PHYS: M

Prescribed Fire Crewmember (RXCM)
- Qualified As: None
- Required Training: I-100, S-130, S-190, IS-700, RT-130
- PHYS: M

Long Term Fire Analyst (LTAN)
- Qualified As: FBAN OR FEMO OR ICT2
- Required Training: S-390, S-490, S-491, S-492, S-493, S-590, IS-700, RT-130
- PHYS: M
12 - WILDLAND AND PRESCRIBED FIRE QUALIFICATION SYSTEM GUIDE, PMS 310-1

The Wildland and Prescribed Fire Qualification System Guide, PMS 310-1, produced by the National Wildfire Coordinating Group (NWCG), provides national minimum requirements for wildland firefighting personnel qualified to perform fire suppression and fire use related jobs (FSM 5108). The qualifications in PMS 310-1 are the minimums for any organization or agency sending personnel outside their areas of jurisdiction to ensure each person has met experience, training, and physical fitness guidelines.

Each agency has the latitude to supplement the position qualification requirements with more specific skill levels and to describe additional levels of positions to meet agency needs. FSH 5109.17 is the controlling document with respect to all fire and aviation management qualifications for Forest Service employees. On all assignments, the qualifications in FSH 5109.17 are the standards that must be met by Forest Service employees.