Index

A
Aircraft carrier organization, 53
Andrew, hurricane impact, 43
public safety, 48
Area Command, 129

B
Battle Rhythm
disaster operations, 64–65
information flow, 55
state of Florida, 64–65
Boyd, John
decision making, 29–30
the three questions, 34–36
OODA Loop, 30
graphic, 29
sixth sense, 30–31
Bureaucracy
Dr. Enrico Quarantelli quote, 19
C
Charlie, Hurricane shelter
lessons, 48
Common Operating Picture (COP)
before disaster, 182
disaster operations, 59–63
disaster operations information
flow, 55
disaster impact phase, 45
flow and prioritization of
information, 58
incident action plan, 63
mental model, 192–193
situational awareness, 51, 59
training, 194
trusted agents, 167
visualization, 64, 68
Computers
conduct of an exercise, 195
emergency support function,
2, 134
EOC software, 161–164
requirements, 162–163
information system EBI, 185
make shift EOC, 11–12
software
classrooms as EOC, 81
coordinate with information
systems, 160
Twitter, 169
Conduct the exercise, 195
Core Liaison Group, 174–188
  big hole example, 183
  choosing the team, 181–182
  Core Liaison Group graphic, 175
  critical liaison team effect, 188
day to day operations before a
disaster, 182–186
emergency medical services, 177
  EEI, 184
fire department, 176–177
  firefighting EEI, 184
information service/technology
management, 178–179
  information EEs, 185
law enforcement, 176
  EEI, 184
medical, 180–181
  EEI, 185–186
public health, 179
  EEI, 186
public information, 179–180
  EEI, 186
public works, 177–178
  EEI, 185
the team, 186–188
training to build the five core
  competencies, 182
Critical community facilities, 56
Crowd sourcing, 166–167

operational graphics 75–76
  critical infrastructure facilities
  example, 76
  visualization, 76–77
Decision making
  apartment fire, 24–28
  Boyd cycle, 28–32
  Boyd, John, 28–30
  OODA Loop, 29–30
  sixth sense, 30–32
  frozen bureaucrat, 20
how we make decisions, 21–22
  rational choice strategy, 21
Klein, Gary
  adopted by military, 23
  apartment fire, 24–25
  experience counts, 23
  findings, 22–28
  personal experience, 26–27
  sixth sense, 30–31
  study, 22
  training, 193–194
three questions system, 32–36
  OODA Loop, 34
  what do you need to do, 33
  what do you need to do it, 33
  what have you got, 32–33
understanding decision making
  is important, 36–37

E
Emergency manager guiding
  operational doctrine, 52
Emergency Operations Center
  (EOC)
    classrooms as an EOC, 80–82
collocated warning point, 13
  communications, 160
  communications/message center, 89
county wide disaster ICS/EOC
  interface graphic, 88
EOC software, 161–164
requirements, 162–163
FEMA EOC checklist, 95–109
functional layout design, 85
functional layout graphic, 84
GIS layers needed, 83
ICS/EOC interface 51
local EOC organization chart, 87
make shift, 11–12
media room, 89
organizing the EOC, 85–88
physical configuration, 82–85
policy group, 88–89
security, 89–90
situational awareness, 12
social media, 164–166
staffing the EOC, 90–92
state of Florida grant, 12
television feeds, 161
three hurricane season example, 91–92
TranStar, 15
Emergency Support Function (ESF)
emergency support functions list
and operations, 131–155
frozen bureaucrat, 20
OODA Loop, 37
organizes capabilities, 130–131
three questions, 32
Essential Elements of Information
(EEI)
big hole example, 183
core liaisons EEI, 184–186
emergency medical services
EEI, 184
firefighting EEI, 184
information EEIs, 185
law enforcement EEI, 184
medical EEI, 185–186
public health EEI, 186
public information EEI, 186
public works EEI, 185
EEI summaries, 57
list of EEIs, 56–57
critical community facilities, 56
essential service facilities, 56–57
resource locations, 57
summaries, 57
use, 54–58
Essential service facilities, 56
Exercise
development, 194–195
research 204–225
F
Facebook, 167–169
Feedback for an exercise, 199
FEMA EOC checklist, 95–109
Flood exercise research, 211–218
Functional Exercise, 242–275
G
Green Light System, 69–75
criteria, 70–71
fire station example, 72
Green definition, 70
jurisdiction wide example, 74
Red definition, 70
Yellow definition, 70
GIS Layers for EOC, 83
H
Homeland Security presidential
directive, 5, 128
Hurricane
Andrew, impact, 43
public safety impact, 48
Charlie, shelter lessons, 48
Patricia, exercise, 242–275
three hurricane season, 91–92
I
ICS/EOC Interface, 51–53, 157–158
Incident Action Plan
disaster operations, 63–64
sections, 63–64
Incident Command System (ICS)
advantages, 156–157
EOC interface 51–53, 157–158
initial concept, 129
organizational chart, 88
role in NIMS, 130
impact phase problems, 45
intervening in an exercise, 198

K
Klein, Gary
adopted by military, 23
apartment fire, 24–25
study, 22
sixth sense, 30
findings, 22–28
experience counts, 23
personal experience, 26–27
training, 193–194
sixth sense, 30–31

L
Leadership
emergency management, 1–18
meta-leadership, 3–4
become an expert, 6–8
become a trainer, 8–10
become a facilitator, 10–11
crisis leader, 4–5
skill set, 18
use it or lose it, 11–12
ultimate goal, 11–17
Little old lady rule, x

M
Meta-leadership, 3–4
become an expert, 6–8
become a facilitator, 10–11
become a trainer, 8–10
crisis leader, 4–5
meta leadership principals, 3
skill set, 18
use it or lose it, 11–12
ultimate goal, 11–17
Monitoring the exercise, 196

N
National Incident Management
System
area command, 129
emergency support functions,
131–156
animal protection, 155–156
communications, 133–135
energy, 149–151
firefighting, 138–139
food and water, 147–149
hazardous materials, 146–147
health and medical, 143–145
information, 139–140
law enforcement, 151–153
mass care, 140–142
military support, 151–153
planning, 139–140
public information, 153–154
public works, 136–137
resource support/logistics,
142–143
search and rescue, 145–146
transportation, 132–133
volunteers and donations,
154–155
major components, 128
presidential directive, 5, 128
use at Pentagon, 364
New type of organization, 53

O
OODA Loop
decision making, 29–30
Operations

disaster operations, 50–65
battle rhythm, 64–65
state of Florida battle rhythm, 64–65
common operating picture, 59–63
situation report, 60–63
ICS/EOC Interface, 51–53
new type of organization, 53–54
essential elements of information, 54–58
critical community facilities, 56
essential service facilities, 56–57
resource locations, 57
summaries, 57
response priorities, 57
Hurricane Andrew impact on south Florida, 43
Hurricane Andrew public safety impact, 48
Hurricane Charlie shelter lessons, 48
incident action plan, 63–64
phases of a disaster response, 44–50
impact phase, 44–47
impact problems, 47
stabilization phase, 47–49
sustainment phase, 49–50
recovery phase, 50
what are disasters, 42–44
visualization, 58–59
Organizational charts
local emergency operations center, 87

county wide disaster ICS/EOC interface, 88

P

Phases of a disaster response, 44
impact phase problems, 45
Post exercise action, 200–201
Press
EOC room, 89
managing, 114–118
reality of the press, 112–113
sample press releases, 119–126
understand the media’s job, 113
what the public wants, 114
Public information
communication/message center, 89
core liaison group, 175, 179–180
daily EEL, 186
emergency support function, 153–154
joint information center, 350
joint information system, 351
managing, 115
public information officer, 356
sample press releases, 122–126
situation report, 60
television feeds, 161

R

Report, situation, 60–63
Resource locations, 57
Resource priorities, 57

S

Situational awareness
mental model, 22–28
situation report, 60–63
Situation report, 60–63
Social media, 161–166
Sustainment bench marks, 50
Table top exercises
  hazardous materials, 232–241
  weapons of mass destruction, 228–231
Technology, 159–171
Three questions system, 32–36
  in action, 34–35
  OODA Loop, 34
  what do you need to do, 33
  what do you need to do it, 33
  what have you got, 32–33
Tornado outbreak research, 205–210
Training
  conduct the exercise, 195–196
  control of learning, 197
  exercise development, 194–195
  exercise research, 204–225
  feedback, 199
  function exercises, 242–275
  intervention, 198
  monitoring the exercise, 196–197
  post exercise actions
  reality based training, 191–194
  table top exercises, 227–241
  training ground rules, 191
  Klein training to make decisions, 193–194
TranStar, 14–17
  benefits, 17
  cost benefit ration, 17
  incidents, 17
Twitter, 169–170
Visualization
  disaster operations, 58–59
  decision graphics, 76–77
  software requirements, 58–59
Warning Point
  local, 13
  state of Florida, 13–14
  incidents to report, 14
Wildfire exercise research, 219–225