

1
 1 1
 1 1 1
 1 1 2
 1 1 3
 1 2
 1 2 1
 1 2 1 1
 1 2 1 2
 1 2 1 3
 2
 2 1
 2 1 1
 2 1 1 1
 2 1 1 2
 2 1 1 2 1
 2 1 2
 2 1 2 1
 2 1 2 2
 2 2
 2 2 1
 2 2 1 1
 2 2 1 2
 2 2 1 3
 2 2 1 3 1
 2 2 1 3 2
 2 2 1 4
 2 2 1 4 1
 2 2 1 4 2
 2 2 1 5
 2 2 1 5 1
 2 2 1 5 2
 2 2 2
 2 2 2 1
 2 2 2 2
 2 2 2 3
 2 2 2 4

Space

Manned
 Shuttle
 Soyuz
 Station
 Unmanned
 Satellite
 Cargo Ship
 Debris

Air

Lighter than Air
 Manned
 Hot Air
 Helium
 Blimp
 Unmanned
 Radiosonde
 Experimental
 Fixed Wing
 Private
 Experimental
 Sailplane
 Piston
 Single Engine
 Twin Engine
 Turboprop
 Single Engine
 Twin Engine
 Jet
 Single Engine
 Twin Engine
 Commercial
 Cargo
 Medevac
 Photo
 Utility

2	2	2	5				SAR
2	2	2	6				UAV/Drone/RC
2	2	3				Military	
2	3			Rotary Wing		Private	
2	3	1					Experimental
2	3	1	1			Commercial	
2	3	2					Cargo
2	3	2	1				Medevac
2	3	2	2				Photo
2	3	2	3				Utility
2	3	2	4				UAV/Drone/RC
2	3	2	5				
2	3	3				Military	
2	4			Ultralight		Powered	
2	4					Unpowered	
2	4						Paraglider
2	4						Hang Glider
3				Ground			
3	1			Facilities			
3	1	2				Government	
3	1	3				Medical	
3	1	3	1				Hospital
3	1	3	2				Clinic
3	1	3	3				Triage Facility
3	1	3	4				First Aid Station
3	1	3	5				Pharmacy
3	1	3	6				Morgue
3	1	4				Emergency Services	
3	1	4	1				Fire Station
3	1	4	2				Decontamination
3	1	4	3				Shelter
3	1	4	4				EOC
3	1	4	5				Incident Command Post
3	1	4	6				Red Cross
3	1	4	7				RACES/Civil Defense
3	1	5				Utilities	

3 1 5 1		Power
3 1 5 2		Water
3 1 6	Ham Radio	
3 1 6 1		Repeater Site
3 1 6 2		Ham Store
3 1 6 3		Club Station
3 1 7	Residential	
3 1 7 1		House
3 1 7 2		Apartment
3 1 7 3		Condo
3 1 8	Church	
3 1 9	Services	
3 1 9 1		Hotel
3 1 9 2		Gas
3 1 9 3		Restaurant
3 1 9 4		Information
3 1 9 5		Parking
3 1 9 6		Truck Stop
3 1 9 7		Restrooms
3 1 9 8		Bank/ATM
3 1 10	School	
3 1 10 1		Elementary School
3 1 10 2		Middle School
3 1 10 3		Secondary School
3 1 10 4		College
3 1 11	Law Enforcement	
3 1 11 1		Police Station
3 1 11 2		Sheriff Station
3 1 11 3		Ranger Station
3 1 12	Community Org	
3 1 12 1		Boy Scouts
3 1 12 2		Girl Scouts
3 1 13	Recreation	
3 1 13 1		Park
3 1 13 2		Picnic Area
3 1 13 3		Campground
3 1 14	Transportation	

3 1 14 1
 3 1 14 1 1
 3 1 14 1 2
 3 1 14 1 3
 3 1 14 1 4
 3 1 14 2
 3 1 14 2 1
 3 1 14 2 2
 3 1 14 2 3
 3 1 14 3
 3 1 14 3 1
 3 1 14 3 2
 3 1 14 3 3
 3 1 15
 3 1 15 1
 3 1 15 1 1
 3 1 15 1 2
 3 1 15 2
 3 2
 3 2 1
 3 2 1 1
 3 2 1 1 1
 3 2 1 1 2
 3 2 1 1 3
 3 2 1 1 4
 3 2 1 1 5
 3 2 1 1 5 1
 3 2 1 1 5 2
 3 2 1 1 5 3
 3 2 1 1 6
 3 2 1 1 7
 3 2 1 2
 3 2 1 2 1
 3 2 1 2 2
 3 2 1 3
 3 2 1 3 1
 3 2 1 4

Equipment

Communications

Vehicles

Air

Ground

Sea

Telephone

Satellite Ground Station

Passenger

Commercial

Rail

Snow

Airport
 Ultralight Flight Area
 VORTAC Nav Aid
 Helipad

Train Station
 Bus Station
 Light Rail

Port
 Ferry Landing
 Lighthouse

Switch
 Cell Site

Car
 Van
 Truck
 SUV
 RV

Motorcycle
 Bicycle

Tractor/Trailer
 Bus

Locomotive

Class A
 Class B
 Class C

3 2 1 4 1
3 2 1 4 2
3 2 1 5
3 2 1 5 1
3 2 1 5 2
3 2 1 5 3
3 2 1 5 4
3 2 1 6
3 2 1 6 1
3 2 1 6 2
3 2 1 6 3
3 2 1 6 3 1
3 2 1 6 3 2
3 2 2
3 2 2 1
3 2 2 1 1
3 2 2 1 2
3 2 2 1 2
3 3
3 3 1
3 4 3
4
4 1
4 1 1
4 1 2
4 1 2 1
4 1 2 2
4 1 2 3
4 1 2 4
4 1 2 4 1
4 1 2 4 2
4 1 2 4 3
4 1 2 4 4
4 1 2 4 5
4 1 3
4 1 3 1
4 1 3 1 1

Sea

Vessel

Emergency Equipment

Communications

People

Naval
Merchant

Support

Construction

Public Safety

Generator

Mobile Satellite Station

Bulk/BreakBulk Carrier
Container
Roll-on/Roll-off
Oiler/Tanker

Tug

Snowmobile
Snow Plow

Bulldozer
Backhoe
Loader
Crane

Law Enforcement
Ambulance
Fire

Brush Truck
Ladder Truck

Portable
Towed
Fixed

Coastal
LCC
VLCC
ULCC
Barge

Harbor Tug

4 1 3 1 2
4 1 3 2
4 1 3 3
4 1 3 4
4 1 3 5
4 1 3 6 1
4 1 3 6 2
4 1 3 6 3
4 1 3 6 4
4 1 3 7
4 1 4
4 1 4 1
4 1 4 2
4 1 4 3
4 1 4 4
4 1 4 5
4 1 5
4 1 5 1
4 1 5 2
4 1 5 3
4 1 5 4
4 1 5 4 1
4 1 5 4 2
4 1 5 4 3
4 1 5 5
4 1 5 6
4 1 5 7
4 1 5 8
4 1 5 9
4 1 5 10
4 1 6
4 1 6 1
4 1 6 2
4 2
4 2 1
4 2 1 1
4 2 1 2

Structure

Fishing

Leisure Craft

Law Enforcement

Floating

Pilot
Dredge
Barge
Ferry

Towing Vessel

Long Liner
Seiner
Drifter
Dredge
Trawler

Canoe
Kayak
Rowboat
Yacht

PWC
Skiff
Launch
DaySail
Cruise Ship
Tall Ship

Harbor Patrol
Coast Guard

Oil Rig
Dry Dock

Ocean Tug

Passenger
Vehicle/Train
Hovercraft
Hydrofoil

Sail
Power
SportFishing

4 2 1 3
 4 2 2
 4 2 2 1
 4 2 2 2
 4 2 2 3
 4 2 2 4
 4 2 2 5
 4 2 2 6
 4 2 2 6 1
 4 2 2 6 2
 4 3
 4 3 1
 4 3 2
 5
 5 1
 5 1 1
 5 1 1 1
 5 1 1 2
 5 2
 5 2 1
 5 2 2
 6
 6 1
 6 1 1
 6 1 1 1
 6 1 2
 6 1 3
 6 1 4
 6 2
 6 2 1
 6 2 2
 6 2 3
 6 3
 6 3 1
 6 3 1 1
 6 3 1 2
 6 4 2

Subsurface

Bouy

Equipment

Features

Activities

Ham Radio

Sports

Public Events

Fire

Fixed

Navigation

Weather

Vehicle

Dive Site

Channel

Contest

Swap Meet

Convention

DX Cluster

Geocache

Bike Race

Foot Race

Parade

Bridge

Oil Rig

Dry Dock

Anchor Area

Mooring

Mooring Area

Bridge

Fixed

Lift/Swing

ROV

Submersible

Field Day

Staging Area

Review Stand

6 4 2 1
6 4 2 1 1
6 4 2 1 2
6 4 2 1 3
6 4 2 2
6 5
6 5 1
6 5 2
6 5 3
6 5 4
6 5 5
6 5 6
6 5 7
6 5 8
6 6
6 6 1
6 6 2
6 6 3
6 6 4
6 6 5
6 6 6
7
7 1
7 1 1
7 1 1 1
7 1 1 2
7 1 1 3
7 1 1 3 1
7 1 1 3 1 1
7 1 1 3 2
7 1 1 3 2 1
7 1 1 3 3
7 1 1 3 4
7 1 1 4
7 1 1 4 1
7 1 1 4 2
7 1 1 4 3

Weather

SAR

Hazard

Atmospheric

Wildland Fire

Structure Fire

Victim
Tracks
Sign
Evidence
Crash Site
Shipwreck
Man Overboard
ELT/EPIRB Hit

Earthquake
HAZMAT
Flooding
Landslide/Mudslide
Avalanche
Volcanic Eruption

Pressure Systems

Small Wildfire
Medium Wildfire
Large Wildfire

Low Pressure Center
High Pressure Center
Frontal Systems

Lines

Cold Front
Upper Cold Front
Warm Front
Upper Warm Front
Occluded Front
Stationary Front
Trough Line
Ridge Line
Squall Line

7 1 2	Turbulence			
7 1 2 1		Light Turbulence		
7 1 2 2		Moderate Turbulence		
7 1 2 3		Severe Turbulence		
7 1 2 4		Extreme Turbulence		
7 1 3	Icing			
7 1 3 1		Clear Icing		
7 1 3 1 1			Light Clear Icing	
7 1 3 1 2			Moderate Clear Icing	
7 1 3 1 3			Severe Clear Icing	
7 1 3 2		Rime Icing		
7 1 3 2 1			Light Rime Icing	
7 1 3 2 2			Moderate Rime Icing	
7 1 3 2 3			Severe Rime Icing	
7 1 3 3		Mixed Icing		
7 1 3 3 1			Light Mixed Icing	
7 1 3 3 2			Moderate Mixed Icing	
7 1 3 3 3			Severe Mixed Icing	
7 1 4	Wind Barb			
7 1 4 1		Jet Stream		
7 1 5	Flight Rules			
7 1 5 1		Instrument Ceiling		
7 1 5 2		Visual Ceiling		
7 1 6	Coverage Symbols			
7 1 6 1		Clear Sky		
7 1 6 2		Scattered		
7 1 6 3		Broken		
7 1 6 4		Overcast with Breaks		
7 1 6 5		Overcast		
7 1 6 6		Sky Obscured		
7 1 7	Precipitation			
7 1 7 1		Rain		
7 1 7 1 1			Rain Shower	
7 1 7 1 2			Freezing Rain	
7 1 7 1 3			Drizzle	
7 1 7 1 3 1				Freezing Drizzle
7 1 7 2		Snow		

7 1 7 2 1
7 1 7 2 2
7 1 7 3
7 1 7 4
7 1 7 5
7 1 8
7 1 8 1
7 1 8 1 1
7 1 8 1 2
7 1 8 1 3
7 1 8 2
7 1 8 2 1
7 1 8 2 2
7 1 9
7 1 9 1
7 1 9 2
7 1 9 2 1
7 1 9 3
7 1 9 4
7 1 9 5
7 1 9 6
7 1 9 7
7 2
7 3

Storms

Obstructions to Visibility

Oceanic
Space

Hail
Ice Pellets
Ice Crystals

Thunderstorms

Storm Systems

Blowing Snow
Fog

Dust/Sand Storm
Dust Devil
Smoke
Haze
Blowing Sand or Dust

Snow Showers
Snow Grains

Thunderstorms with Rain
Funnel Cloud
Lightning

Tropical Storm
Hurricane

Freezing Fog