

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					
2	3			Rotary Wing		Military	
2	3	1				Private	
2	3	1	1				Experimental
2	3	2				Commercial	
2	3	2	1				Cargo
2	3	2	2				Medevac
2	3	2	3				Photo
2	3	2	4				Utility
2	3	2	5				UAV/Drone/RC
2	3	3					
2	4			Ultralight		Military	
2	4					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

Portable
Towed
Fixed

Coastal
LCC
VLCC
ULCC
Barge

Harbor Tug

Brush Truck
Ladder Truck

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

Warm Front

Occluded Front
 Stationary Front

Trough Line
 Ridge Line
 Squall Line

Upper Cold Front

Upper Warm Front

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