

Indian Navy: Naval Air Defense Exercise Areas

1. {

"name": "Arabian Sea Fleet Air Defense Zone",

"type": "Carrier Battle Group Air Defense Training Area",

"significance": "Practice of coordinated fleet air defense with carrier-based aircraft",

"coordinates": [

{ "lat": 15.0, "lon": 65.0 },

{ "lat": 15.0, "lon": 70.0 },

{ "lat": 20.0, "lon": 70.0 },

{ "lat": 20.0, "lon": 65.0 }

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2. {

"name": "Eastern Seaboard Integrated Air Defense Sector",

"type": "Multi-Layer Air Defense Exercise Zone",

"significance": "Coordination of ship-based and coastal air defense systems",

"coordinates": [

{ "lat": 15.0, "lon": 82.0 },

{ "lat": 15.0, "lon": 85.0 },

{ "lat": 19.0, "lon": 85.0 },

{ "lat": 19.0, "lon": 82.0 }

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3. {
```

```
  "name": "Lakshadweep Islands Air Defense Perimeter",
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```
  "type": "Island Chain Air Defense Training Area",
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```
  "significance": "Practice of air defense for scattered island territories",
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```
  "coordinates": [
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    {"lat": 8.0, "lon": 72.0},
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    {"lat": 8.0, "lon": 74.0},
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    {"lat": 12.0, "lon": 72.0}
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4. {
```

```
  "name": "Andaman and Nicobar Air Defense Exercise Zone",
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```
  "type": "Long-Range Maritime Air Defense Area",
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```
  "significance": "Training in extended range air defense for remote island chains",
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  "coordinates": [
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    {"lat": 6.0, "lon": 92.0},
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    {"lat": 6.0, "lon": 94.0},
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    {"lat": 14.0, "lon": 94.0},
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    {"lat": 14.0, "lon": 92.0}
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5. {
  "name": "Gujarat Coast Air Defense Sector",
  "type": "Coastal Air Defense Training Zone",
  "significance": "Practice of defending strategic coastal installations from air threats",
  "coordinates": [
    {"lat": 20.0, "lon": 68.0},
    {"lat": 20.0, "lon": 72.0},
    {"lat": 23.0, "lon": 72.0},
    {"lat": 23.0, "lon": 68.0}
  ]
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6. {
  "name": "Bay of Bengal Fleet Air Defense Training Area",
  "type": "Large-Scale Naval Air Defense Exercise Zone",
  "significance": "Coordination of multiple ship and aircraft groups for air defense",
  "coordinates": [
    {"lat": 12.0, "lon": 85.0},
    {"lat": 12.0, "lon": 90.0},
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    {"lat": 16.0, "lon": 85.0}
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7. {
  "name": "Mumbai High Offshore Air Defense Zone",
  "type": "Critical Infrastructure Air Defense Area",
  "significance": "Training in air defense of offshore oil and gas installations",
  "coordinates": [
    {"lat": 19.0, "lon": 71.0},
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    {"lat": 20.5, "lon": 72.5},
    {"lat": 20.5, "lon": 71.0}
  ]
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8. {
  "name": "Visakhapatnam Naval Base Air Defense Sector",
  "type": "Strategic Asset Air Defense Training Zone",
  "significance": "Practice of multi-layered air defense for key naval facilities",
  "coordinates": [
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    {"lat": 17.0, "lon": 84.0},
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    {"lat": 18.0, "lon": 84.0},  
    {"lat": 18.0, "lon": 83.0}  
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9. {

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  "name": "Kochi Naval Air Station Defense Exercise Area",  
  "type": "Airfield Defense Training Zone",  
  "significance": "Simulations of defending naval air bases from aerial attacks",  
  "coordinates": [  
    {"lat": 9.5, "lon": 76.0},  
    {"lat": 9.5, "lon": 76.5},  
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10. {

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  "name": "Karwar Naval Base Air Defense Sector",  
  "type": "Advanced Naval Facility Air Defense Zone",  
  "significance": "Training in protecting modern naval infrastructure from air threats",  
  "coordinates": [  
    {"lat": 14.5, "lon": 74.0},  
    {"lat": 14.5, "lon": 74.5},  
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11. {  
  
  "name": "Chilika Air Defense Training Sector",  
  
  "type": "Low-Altitude Air Defense Exercise Zone",  
  
  "significance": "Practice of countering low-flying aircraft and cruise missiles",  
  
  "coordinates": [  
  
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    {"lat": 19.5, "lon": 85.5},  
  
    {"lat": 20.0, "lon": 85.5},  
  
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12. {  
  
  "name": "Port Blair Air Defense Perimeter",  
  
  "type": "Island Capital Air Defense Training Area",  
  
  "significance": "Exercises in defending key administrative centers on strategic islands",  
  
  "coordinates": [  
  
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13. {  
  "name": "Kakinada Offshore Air Defense Zone",  
  "type": "Gas Field Air Defense Training Area",  
  "significance": "Practice of air defense for offshore energy infrastructure",  
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    {"lat": 16.5, "lon": 83.0},  
    {"lat": 17.5, "lon": 83.0},  
    {"lat": 17.5, "lon": 82.0}  
  ]  
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14. {  
  "name": "Goa Naval Aviation Air Defense Sector",  
  "type": "Maritime Patrol Aircraft Base Defense Zone",  
  "significance": "Training in protecting naval air assets and facilities",  
  "coordinates": [  
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{ "lat": 15.0, "lon": 74.0},  
  
{ "lat": 15.5, "lon": 74.0},  
  
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15. {  
  
  "name": "Dwarka Point Air Defense Exercise Area",  
  
  "type": "Coastal Radar Station Defense Zone",  
  
  "significance": "Practice of integrating coastal radar with air defense systems",  
  
  "coordinates": [  
  
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    { "lat": 22.5, "lon": 68.5}  
  
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}
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16. {  
  
  "name": "Car Nicobar Air Base Defense Sector",  
  
  "type": "Forward Airfield Protection Training Zone",  
  
  "significance": "Exercises in defending remote, strategic air bases",  
  
  "coordinates": [  
  
    { "lat": 6.7, "lon": 74.2},  
  
    { "lat": 6.7, "lon": 74.2},  
  
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    {"lat": 9.0, "lon": 92.5},  
    {"lat": 9.0, "lon": 93.0},  
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  ]  
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17. {

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  "name": "Kalpakkam Nuclear Facility Air Defense Zone",  
  "type": "Critical National Asset Air Defense Area",  
  "significance": "Training in air defense of nuclear installations near coast",  
  "coordinates": [  
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    {"lat": 12.5, "lon": 80.5},  
    {"lat": 13.0, "lon": 80.5},  
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18. {

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  "name": "Porbandar Air Defense Exercise Sector",  
  "type": "Forward Operating Base Air Defense Zone",  
  "significance": "Practice of air defense for naval detachments and forward bases",  
  "coordinates": [  
    {"lat": 20.5, "lon": 71.5},  
    {"lat": 20.5, "lon": 72.0},  
    {"lat": 21.0, "lon": 72.0},  
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{ "lat": 21.5, "lon": 69.5},

{ "lat": 21.5, "lon": 70.0},

{ "lat": 22.0, "lon": 70.0},

{ "lat": 22.0, "lon": 69.5}

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19. {

"name": "Sundarbans Delta Air Defense Training Area",

"type": "Low-Level Air Intrusion Defense Zone",

"significance": "Training in detecting and countering low-altitude air threats in complex terrain",

"coordinates": [

{ "lat": 21.5, "lon": 88.5},

{ "lat": 21.5, "lon": 89.5},

{ "lat": 22.5, "lon": 89.5},

{ "lat": 22.5, "lon": 88.5}

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20. {

"name": "Minicoy Island Air Defense Sector",

"type": "Remote Island Air Defense Training Zone",

"significance": "Practice of air defense for isolated, strategic island outposts",

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"coordinates": [  
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  {"lat": 8.0, "lon": 73.5},  
  {"lat": 9.0, "lon": 73.5},  
  {"lat": 9.0, "lon": 72.5}  
]  
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21. {  
  "name": "Paradip Port Air Defense Exercise Area",  
  "type": "Major Port Facility Air Defense Zone",  
  "significance": "Training in air defense of critical maritime trade infrastructure",  
  "coordinates": [  
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    {"lat": 20.0, "lon": 87.0},  
    {"lat": 20.5, "lon": 87.0},  
    {"lat": 20.5, "lon": 86.5}  
  ]  
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22. {  
  "name": "Lakshadweep Sea Extended Air Defense Zone",  
  "type": "Over-the-Horizon Air Defense Training Area",
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"significance": "Practice of long-range air threat detection and engagement",

"coordinates": [

{ "lat": 10.0, "lon": 70.0 },

{ "lat": 10.0, "lon": 74.0 },

{ "lat": 14.0, "lon": 74.0 },

{ "lat": 14.0, "lon": 70.0 }

]

}

23. {

"name": "Andaman Sea Air-Sea Integration Zone",

"type": "Combined Air-Naval Defense Exercise Area",

"significance": "Training in coordinated air and naval defense operations",

"coordinates": [

{ "lat": 11.0, "lon": 92.0 },

{ "lat": 11.0, "lon": 94.0 },

{ "lat": 13.0, "lon": 94.0 },

{ "lat": 13.0, "lon": 92.0 }

]

}

24. {

"name": "Kavatti Island Radar Picket Training Zone",

"type": "Early Warning Radar Defense Exercise Area",

"significance": "Practice of integrating forward radar pickets with air defense network",

"coordinates": [

{ "lat": 10.5, "lon": 72.5 },

{ "lat": 10.5, "lon": 73.0 },

{ "lat": 11.0, "lon": 73.0 },

{ "lat": 11.0, "lon": 72.5 }

]

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25. {

"name": "Nicobar Islands Southern Air Defense Sector",

"type": "Strategic Chokepoint Air Defense Zone",

"significance": "Training in air defense of critical maritime passages",

"coordinates": [

{ "lat": 6.5, "lon": 93.5 },

{ "lat": 6.5, "lon": 94.5 },

{ "lat": 7.5, "lon": 94.5 },

{ "lat": 7.5, "lon": 93.5 }

]

}