

ENR 2. AIR TRAFFIC SERVICES AIRSPACE

ENR 2.1 FIR, UIR, TMA

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>BANGKOK FLIGHT INFORMATION REGION</b> A point on the Thai border at 100010.2N then along the national border between Thailand and Myanmar/Laos/Cambodia to the coast then to 100007.1N 1021447.6E - 070000N 1030000E - 064500N 1024000E - 061500N 1021500E - then westward along the national border between Thailand and Malaysia to 063007.9N 0992948.9E - 071507.9N 0975949.5E - 100006.9N 0962950.1E then eastward along 100010.2N to the Thai border.</p> <p><u>UNL</u> GND</p>	<p>Bangkok ACC</p>	<p>Bangkok Control (English, Thai)</p> <p>H24</p>		
<p><b>WIDTH OF AIRWAYS</b> <b>AIRWAYS WITHIN BANGKOK FIR</b> The lateral limits of airways commences from 5 NM either side of the centre line at the facility funnelling out on a 5 degrees (VOR) or 7.5 degrees (NDB) tolerance to a maximum width of 10 NM either side of the centre line.</p> <p><b>AIRWAYS WITHIN BANGKOK AREA OF RESPONSIBILITY</b> The width of airways within Bangkok area of responsibility (AOR) is 50 NM CONTROL AREAS</p> <p><b>ALFA CONTROL AREA</b> The airspace within a circle of 50 NM radius centred on 135452.0N1003620.0E.</p> <p><u>FL 460</u> FL 285</p> <p>Class of airspace: A BELOW FL 285 ABOVE FL 160</p> <p>Class of airspace: B</p> <p><b>VFR FLIGHT IN ALFA CONTROL AREA</b> In order to avoid collision between aircraft in Control Area, all VFR aircraft before entering ALFA Control Area, must contact Bangkok Area Control by reporting position.</p>	<p>Bangkok ACC</p>	<p>Bangkok Control (English, Thai)</p> <p>H24</p>		<p>Excluding VTD16, VTD19 and VTD47</p>

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<p><b>BANGKOK AREA CONTROL CENTRE SECTOR ORGANIZATION</b> <b>BANGKOK AREA CONTROL CENTRE IS DIVIDED INTO 12 SECTORS AS FOLLOWS:</b> <b>SECTOR 1N</b> An area bounded by 162305.20N 0985436.80E - then clockwise along Bangkok/Yangon FIR boundary and Bangkok/Vientiane FIR boundary to 173356.83N 1010000.00E - 170000.00N 1004517.30E - then along the clockwise arc of 30 NM radius centred on PSL DVOR/DME (164613.34N 1001728.70E) to 163201.74N 1004502.60E - 161748.43N 1004455.31E - 162305.20N 0985436.80E</p> <p><u>FL460</u> GND</p>	Bangkok ACC	Bangkok Control (English, Thai)  H24	124.5 MHZ 256.3 MHZ 121.5 MHZ/EMERG	
<p><b>SECTOR 2N</b> An area bounded by 161748.43N 1004455.31E - 163201.74N 1004502.60E - then along the clockwise arc of 30 NM radius centred on PSL DVOR/DME (164613.34N 1001728.70E) to 170000.00N 1004517.30E - 173356.83N 1010000.00E - then clockwise along Bangkok/Vientiane FIR boundary to 175851.00N 1030000.00E - 160948.00N 1030000.00E - 161329.40N 1020259.40E - 161748.43N 1004455.31E</p> <p><u>FL460</u> GND</p>	Bangkok ACC	Bangkok Control (English, Thai)  H24	126.5 MHZ 121.5 MHZ/EMERG	
<p><b>SECTOR 3N</b> An area bounded by a straight lines joining the following points 135506.00N 1003548.10E - 162305.20N 0985436.80E - 161748.43N 1004455.31E - 161329.40N 1020259.40E - 135506.00N 1003548.10E</p> <p><u>FL460</u> GND</p>	Bangkok ACC	Bangkok Control (English, Thai)  H24	128.1 MHZ 263.8 MHZ 121.5 MHZ/EMERG	
<p><b>SECTOR 4N</b> An area bounded by 133006.00N 0991248.80E then clockwise along Bangkok/Yangon FIR boundary to 162305.20N 0985436.80E - 135506.00N 1003548.10E - 133006.00N 0991248.80E</p> <p><u>FL460</u> GND</p>	Bangkok ACC	Bangkok Control (English, Thai)  H24	120.95 MHZ 121.5 MHZ/EMERG	

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<b>SECTOR 5N</b> An area bounded by 141302.00N 1030000.00E - 160948.00N 1030000.00E - 175851.00N 1030000.00E - then clockwise along Bangkok/Vientiane FIR boundary and Bangkok/Phnom Penh FIR boundary to 141302.00N 1030000.00E  <u>FL460</u> GND	Bangkok ACC	Bangkok Control (English, Thai)  H24	132.1 MHZ 268.5 MHZ 121.5 MHZ/EMERG	
<b>SECTOR 6N</b> An area bounded by 135506.00N 1003548.10E - 161329.40N 1020259.40E - 160948.00N 1030000.00E - 141302.00N 1030000.00E - 135506.00N 1003548.10E  <u>FL460</u> GND	Bangkok ACC	Bangkok Control (English, Thai)  H24	133.1 MHZ 285.3 MHZ 121.5 MHZ/EMERG	
<b>SECTOR 1S</b> An area bounded by 114006.50N 0993448.70E - then clockwise along Bangkok/Yangon FIR boundary to 133006.00N 0991248.80E - 135506.00N 1003548.10E - 132006.10N 1004948.10E - 124106.30N 1004948.10E - 122500.00N 1005105.00E - 104130.00N 1012502.00E - 110006.80N 1005948.10E - 112906.60N 0995948.50E - 114006.50N 0993448.70E  <u>FL460</u> GND	Bangkok ACC	Bangkok Control (English, Thai)  H24	120.5 MHZ 256.6 MHZ 121.5 MHZ/EMERG	
<b>SECTOR 2S</b> An area bounded by 102334.00N 0984513.60E - then clockwise along Bangkok/Yangon FIR boundary to 114006.50N 0993448.70E - 112906.60N 0995948.50E - 110006.80N 1005948.10E - 104130.00N 1012502.00E - 100244.00N 1013740.60E - 090239.80N 1000012.90E - 102334.00N 0984513.60E  <u>FL460</u> FL270	Bangkok ACC	Bangkok Control (English, Thai)  H24	118.35 MHZ 121.5 MHZ/EMERG	

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<p><b>SECTOR 3S</b> An area bounded by 100006.90N 0974918.00E - 100006.90N 0983849.20E - then clockwise along Bangkok/Yangon FIR boundary to 102334.00N 0984513.60E - 090239.80N 1000012.90E - 064716.80N 1000000.00E - 080654.83N 0981822.69E (PUT DVOR/DME) - 100006.90N 0974918.00E</p> <p style="text-align: center;"><u>FL460</u> GND</p> <p>and an area bounded by 102334.00N 0984513.60E - then clockwise along Bangkok/Yangon FIR boundary to 114006.50N 0993448.70E - 112906.60N 0995948.50E - 090239.80N 1000012.90E - 102334.00N 0984513.60E</p> <p>up to but not including FL270 <u>GND</u></p>	<p>Bangkok ACC</p>	<p>Bangkok Control (English, Thai)</p> <p>H24</p>	<p>125.7 MHZ 268.5 MHZ 121.5 MHZ/EMERG</p>	
<p><b>SECTOR 4S</b> An area bounded by 100006.90N 0962950.10E - 100006.90N 0974918.00E - 080654.83N 0981822.69E (PUT DVOR/DME) - 064716.80N 1000000.00E - 063844.42N 1001050.18E - then clockwise along Bangkok/Kuala Lumpur FIR boundary to 063007.90N 0992948.90E - 071507.70N 0975949.50E - 100006.90N 0962950.10E</p> <p style="text-align: center;"><u>FL460</u> GND</p>	<p>Bangkok ACC</p>	<p>Bangkok Control (English, Thai)</p> <p>H24</p>	<p>133.9 MHZ 121.5 MHZ/EMERG</p>	
<p><b>SECTOR 5S</b> An area bounded by 100244.00N 1013740.60E - 104130.00N 1012502.00E - 122500.00N 1005105.00E - 124106.30N 1004948.10E - 132006.10N 1004948.10E - 135506.00N 1003548.10E - 141302.00N 1030000.00E - then clockwise along Bangkok/Phnom Penh FIR boundary to 113654.00N 1030000.00E - 100000.00N 1021500.00E - 100244.00N 1013740.60E</p> <p style="text-align: center;"><u>FL460</u> GND</p>	<p>Bangkok ACC</p>	<p>Bangkok Control (English, Thai)</p> <p>H24</p>	<p>135.5MHZ 285.5MHZ 121.5 MHZ/EMERG</p>	

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<p><b>SECTOR 6S</b>            An area bounded by            063844.42N 1001050.18E -            064716.80N 1000000.00E -            090239.80N 1000012.90E -            100244.00N 1013740.60E -            100000.00N 1021500.00E -            070000.00N 1030000.00E -            064500.00N 1024000.00E -            061500.00N 1021500.00E -            then clockwise along Bangkok/Kuala Lumpur FIR            boundary to            063844.42N 1001050.18E</p> <p style="text-align: center;">FL460 GND</p> <p>and an area bounded by            112906.60N 0995948.50E -            110006.80N 1005948.10E -            104130.00N 1012502.00E -            100244.00N 1013740.60E -            090239.80N 1000012.90E -            112906.60N 0995948.50E</p> <p>up to but not including FL270 GND</p>	<p>Bangkok ACC</p>	<p>Bangkok Control (English, Thai)</p> <p>H24</p>	<p>123.95 MHZ 265.9 MHZ 121.5 MHZ/EMERG</p>	

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<p><b>BANGKOK TERMINAL CONTROL AREA</b> The airspace within a circle of 50 NM radius centred on VTBD ARP (135452N1003620E).</p> <p>FL 160 3000 FT</p> <p>Class of airspace: C</p> <p>Sectorization of air traffic the Bangkok TMA is divided geographically into east, south west and north sectors the details as follow:</p> <ol style="list-style-type: none"> <li>1. The area of responsibility of east sector is defined by straight line joining successively the following point VTBS ARP (134109N1004456E) and SVB VOR R020/58D thence clockwise by the arc of a circle of 50 NM radius centred on VTBD ARP (135452N1003620E) to SVB VOR R163/33D thence straight line to VTBS ARP, which encompasses ATS route A1, A202, G474, N891, R468 and W1.</li> <li>2. The area of responsibility of the south sector is defined by straight line joining successively the following point VTBS ARP (134109N1004456E) and SVB VOR R163/33D thence clockwise by the arc of a circle of 50 NM radius centred on VTBD ARP (135452N1003620E) to SVB VOR R236/45D thence straight line to VTBS ARP excluding VTD19, which encompasses ATS route A464, G458, M751, R201, W19 and W31.</li> <li>3. The area of responsibility of the west sector is defined by straight line joining successively the following point VTBS ARP (134109N1004456E) and SVB VOR R236/45D thence clockwise by the arc of a circle of 50 NM radius centred on VTBDARP (135452N1003620E) to SVB VOR R329/67D thence straight line to VTBS ARP excluding VTD16, VTD17, VTD18, VTD47, VTD72, which encompasses ATS route A1, G463, L507, P646 and R468.</li> <li>4. The area of responsibility of the north sector is defined by straight line joining successively the following point VTBS ARP (134109N1004456E) and SVB VOR R329/67D thence clockwise by the arc of a circle of 50 NM radius centred on VTBDARP (135452N1003620E) to SVB VOR R020/58D thence straight line to VTBS ARP excluding VTD18, VTD31, VTD72, which encompasses ATS route A464, B346, R474, W9 and W21.</li> <li>5. Air Traffic Services will be provided in each sector by Approach Control on frequencies 122.35MHZ or 257.6 MHz (east sector), 124.35MHZ or 262.5MHZ (south sector), 125.2MHZ or 259.6 MHz (west sector) and 128.95 MHz or 262.5MHZ(north sector).</li> </ol>	<p>Bangkok APP</p>	<p>Bangkok Approach (English, Thai)</p> <p>H24</p>	<p>119.1 MHZ 119.25 MHZ 119.4 MHZ 120.3 MHZ 121.1 MHZ 122.35 MHZ 124.35 MHZ 125.2 MHZ 125.8 MHZ 126.3 MHZ 128.95 MHZ 133.0 MHZ 262.5 MHZ 121.5 MHZ/EMERG 243.0 MHZ/EMERG</p>	<p>Excluding Bangkok CTR, Kamphaeng Saen CTR, VTD16, VTD17, VTD18, VTD19, VTD31, VTD47 and VTD72</p>

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<b>BANGKOK CONTROL ZONE</b> The airspace within a circle of 35 NM radius centred on VTBD ARP (1135452N1003620E)  ALT 11000 FT <u>          </u> GND Class of airspace: C	Bangkok APP	Bangkok Approach (English, Thai)  H24	119.1 MHZ 119.25 MHZ 119.4 MHZ 120.3 MHZ 121.1 MHZ 122.35 MHZ 124.35 MHZ 125.2 MHZ 125.8 MHZ 126.3 MHZ 128.95 MHZ 133.0 MHZ 262.5 MHZ 121.5 MHZ/EMERG 243.0 MHZ/EMERG	Excluding Kamphaeng Saen CTR, VTD16, VTD17, VTD18, and VTD72
<b>BETONG CONTROLLED AIRSPACES</b>				
<b>A. BETONG CONTROL ZONE</b> The airspace enclosed by the following boundary: Starting from a point located at 055646.66N 1010551.38E then along Bangkok FIR/Kuala Lumpur FIR boundary to 054809.13N 1011837.28E and then counter clockwise along 10 NM radius centred on BET DVOR/DME (054707.68N 1010838.65E) to the starting point.  up to but not including 4000 FT AGL <u>          </u> GND Class of airspace: D	Hat Yai APP (Hat Yai Sector)	Narathiwat Approach (English, Thai)  2300-1100*	125.55 MHZ** 121.5 MHZ/EMERG	*TWR hours of services: 0130-0930 other than this period and holiday 3 HR PN to Hat Yai Approach Control Centre via AFTN VTSSZAZX  VTSYZTZX Tel: +667 323 4900  VTSSZTZX Tel: +667 425 1074  VTSCZTZX Tel: +667 356 5077  **RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency

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<p><b>BURI RAM CONTROLLED AIRSPACES</b> <b>A. BURI RAM CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on BRM DVOR/DME (151422.43N1031531.59E) up to but not including 2000 FT AGL GND Class of airspace: C</p> <hr/> <p><b>B. BURI RAM TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundaries beginning at a point 152840N 1033030E then clockwise along 20 NM arc from BRM DVOR/DME (151422.43N1031531.59E) to 151633N 1033522E then clockwise along 25 NM arc radius centred on 145209.4N 1032920.0E to 145132N 1035548E - 144953N 1035055E then clockwise along 20 NM arc radius centred on 145209.4N 1032920.0E to 143830N 1031416E - 143652N 1030924E then clockwise along 25 NM arc radius centred on 145209.4N 1032920.0E to 145620N 1030434E - 145300N 1024000E then counter clockwise along 35 NM arc from KHORAT TACAN (145606.0N1020421.8E) 151135N 1023700E - 151224N 1030024E then clockwise along 15 NM arc from BRM DVOR/DME (151422.43N1031531.59E) to 152918N 1031751E - 154407N 1032620E then counter clockwise along 30 NM arc from ROT DVOR/DME (160700.59N1034619.45E) then direct to starting point.  ALT 11000 FT 2000 FT AGL Class of airspace: C</p>	<p>Buri Ram APP (Ubon Sector)</p>	<p>Buri Ram Approach* (English, Thai)  As AD OPR HR</p>	<p>125.55 MHZ** 121.5 MHZ/EMERG</p>	<p>*Approach Control unit shall accordingly maintain close co-ordination with the appropriate military unit for activities that may affect controlled flight within the joint-use airspace  VTBBZAZX Tel: +662 285 9612 Fax: +662 285 9610  **RCAG If unable to contact Buri Ram APP attempt to contact tower on appropriate frequency</p>
<p><b>CHIANG MAI CONTROLLED AIRSPACES</b></p>				



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<p><b>A. CHIANG MAI CONTROL ZONE</b> Starting from 184604.4N 0984748.7E then clockwise along an arc of 10 NM radius from CMA DVOR/DME (184558.06N0985740.38E) to 185516.4N 0985754.6E - 191204.3N 0991048.5E - from this point make an arc of 30 NM radius from CMA DVOR/DME clockwise to 190640.4N 0991848.4E - 184904.4N 0990718.5E - 184958.4N 0991754.4E - from this point make an arc of 20 NM radius from CMA DVOR/DME clockwise to 183216.5N 0984248.7E then direct to the starting point. Excluding airspace extending upward from ground to and including 2 000 FT above mean sea level enclosed by boundaries beginning at 184206.71N 0990436.34E - 184159.10N 0991209.38E - 183648.33N 0991108.95E - 183645.32N 0990441.37E then direct to starting point.  UP TO BUT NOT INCLUDING 5000 FT AGL GND Class of airspace: C</p>	<p>Chiang Mai APP</p>	<p>Chiang Mai Ap- proach (English, Thai)  H24</p>	<p>129.6 MHZ 305.4 MHZ 121.5 MHZ/EMERG 243.0 MHZ/EMERG</p>	
<p><b>B. CHIANG MAI TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundaries, beginning at 185355.53N 0983239.89E then clockwise along an arc of 25 NM radius from CMA DVOR/DME (184558.06N0985740.38E) to 184832.29N 0992353.72E - 184804.79N 0993740.73E - from this point make an arc of 38 NM radius from CMA DVOR/DME clockwise to 181444.64N 0983440.27E - 184604.43N 0984748.53E - and direct to the starting point  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Chiang Mai APP</p>	<p>Chiang Mai/Ra- dar Approach (English, Thai)  H24</p>	<p>129.6 MHZ 305.4 MHZ 121.5 MHZ/EMERG 243.0 MHZ/EMERG</p>	
<p><b>CHIANG RAI CONTROLLED AIRSPACES</b></p>				

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<p><b>A. CHIANG RAI CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on CTR DVOR/DME (195653.65N0995300.12E) up to but not including 2000 FT AGL GND Class of airspace: C</p> <p><b>B. CHIANG RAI TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: starting from a point 194456.49N 1002417.97E - 193556.99N 1001551.49E - then clockwise along 30 NM arc radius centred on CTR DVOR/DME (195653.65N 0995300.12E) to 193515.48N 0993052.64E - 194810.65N 0994001.50E - then clockwise along 15 NM arc radius centred on CTR DVOR/DME (195653.65N 0995300.12E) to 201155.25N 0995400.00E - 202611.39N 0995400.00E - and then along BKK FIR to the starting point.</p> <p>ALT 11000 FT 2000 FT AGL Class of airspace: C</p>	<p>Bangkok APP (Chiang Rai Sector)</p>	<p>Chiang Rai Approach (English, Thai)  2330-1430</p>	<p>120.05 MHZ* 257.8 MHZ* 121.5 MHZ/EMERG</p>	<p>VTBBZAZX: Tel: +662 285 9695  VTCTZTZX: Tel: +668 9851 1521  *RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency</p>
<p><b>CHUMPHON CONTROLLED AIRSPACES</b></p>				
<p><b>A. CHUMPHON CONTROL ZONE</b> A circle of 15 NM radius centred on CPN DVOR/DME (104240.21N0992156.03E) up to but not including 2000 FT AGL GND Class of airspace: D</p> <p><b>B. CHUMPHON TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: Starting from a point 105612.7N 0994154.7E then clockwise along 25 NM arc radius centred on CPN DVOR/DME (104240.21N0992156.03E) to 101524.9N 0991500.9E - 101324.9N 0991500.9E - then clockwise along 30 NM arc radius centred on CPN DVOR/DME (104240.21N0992156.03E) to 101718.9N 0990701.0E - 102154.9N 0990842.9E - then clockwise along 30 NM arc radius centred on CPN DVOR/DME (104240.21N0992156.03E) to 110124.7N 0994530.6E then direct to the starting point. Excluding the portion of area protrude in Yangon FIR ALT 2000-7000 FT</p> <p>ALT 7000 FT 2000 FT AGL Class of airspace: C</p>	<p>Chumphon APP (Samui Sector)</p>	<p>Chumphon Approach (English, Thai)  As AD OPR HR</p>	<p>122.6 MHZ* 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9613 Fax: +662 285 9610  *RCAG If unable to contact Chumphon APP attempt to contact tower on appropriate frequency.</p>
<p><b>HAT YAI CONTROLLED AIRSPACES</b></p>				

<b>Name</b> <b>Lateral limits</b> <b>Vertical limits</b> <b>Class of airspace</b>  <b>1</b>	<b>Unit providing service</b>  <b>2</b>	<b>Call sign</b> <b>Language</b> <b>Area and conditions of use</b> <b>Hours of service</b>  <b>3</b>	<b>Frequency/Purpose</b>  <b>4</b>	<b>Remarks</b>  <b>5</b>
<p><b>A. HAT YAI CONTROL ZONE</b>                      A Circle of 15 NM radius cent red on HTY DVOR/ DME (065602.75N1002316.47E)                      up to but not including 3000 FT                          <u>GND</u>                      Class of airspace: C</p> <p><b>B. HAT YAI TERMINAL CONTROL AREA</b>                      The airspace enclosed by the following boundaries beginning at                      070301.7N 0994912.7E                      then clockwise along 35 NM arc from HTY DVOR/ DME (065602.75N1002316.47E) to                      071507.7N 1005248.3E -                      065601.8N 1004836.3E                      then clockwise along 25 NM arc from HTY DVOR/ DME to                      064607.8N 0994630.8E -                      064655.8N 1004242.4E -                      063607.9N 1003848.4E -                      062737.9N 1003830.4E -                      then follow westward along the Bangkok FIR boundary to                      064331.8N 1001148.6E -                      064507.8N 1000648.6E -                      070007.81N 1000448.6E                      then direct to the starting point.</p> <p style="text-align: center;">ALT 11000FT                          <u>3000 FT</u></p> Class of airspace: C	Hat Yai APP	Hat Yai / Radar Approach (English, Thai)  H24	126.7 MHZ 301.5 MHZ 121.5 MHZ/EMERG 243.0 MHZ/EMERG	Except the airspace overlapped VTD50  ALT 8000 FT <u>3000 FT</u>
<p><b>HUA HIN CONTROLLED AIRSPACES</b></p>				

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. HUA HIN CONTROL ZONE</b> The airspace within a circle of 10 NM radius centre on HHN DVOR/DME (123804.04N0995704.23E) up to but not including 2000FT GND Class of airspace: D</p> <p><b>B. HUA HIN TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: beginning at a point 124200N 1001200E from this point make an arc of 15 NM from HHN DVOR/DME (123804.04N0995704.23E) clockwise to 122444N 1000408E - 121431N 1000515E - then clockwise along 25 NM from HHN DVOR/DME to 121316N 0995533E - 122339N 0995332E - then clockwise along arc 15 NM from HHN DVOR/DME to 124300N 0994310E - then make a straight line north ward 125600N 0994100E - then make an arc of 25 NM from HHN DVOR/DME clockwise to 125000N 1001830E - then southward to the starting point. Excluding VTR3 and VTR8 and G458.</p> <p>ALT 11000FT 2000FT Class of airspace: D</p>	<p>Hua Hin APP</p>	<p>Hua Hin Approach (English, Thai)  As AD OPR HR</p>	<p>126.2 MHZ 121.5 MHZ/EMERG</p>	<p>RMK / Aircraft inadvertent penetrate R3 (Royal Palace) located at HHN 178R/ 2.7 NM have become a matter of serious concern to alleviate the situation. All pilot are urged to anticipate his/her flight path and follow ATC instruction to avoid this area.</p> <p>VTPHZTX Tel: +668 1572 4878</p>
<p><b>KAMPHAENG SAEN CONTROL ZONE</b> The airspace within a circle of 25 NM radius centred on KPS TACAN (channel 98, 140522N0995456E)</p> <p>ALT 6000 FT GND Class of airspace: C</p>	<p>Kamphaeng Saen APP</p>	<p>Kamphaeng Saen Approach (English, Thai)  H24</p>	<p>134.1 MHZ 308.6 MHZ</p>	<p>Excluding Bangkok Control Zone</p>
<p><b>KHON KAEN CONTROLLED AIRSPACES</b></p>				

<p style="text-align: center;">Name Lateral limits Vertical limits Class of airspace</p> <p style="text-align: center;">1</p>	<p style="text-align: center;">Unit providing service</p> <p style="text-align: center;">2</p>	<p style="text-align: center;">Call sign Language Area and conditions of use Hours of service</p> <p style="text-align: center;">3</p>	<p style="text-align: center;">Frequency/Purpose</p> <p style="text-align: center;">4</p>	<p style="text-align: center;">Remarks</p> <p style="text-align: center;">5</p>
<p><b>A. KHON KAEN CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on KKN DVOR/DME (162814.73N1024716.07E)  up to but not including 2000 FT AGL <u>          </u> GND Class of airspace: C</p> <p><b>B. KHON KAEN TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundaries: Starting from a point 165549.06N 1025943.25E then clockwise along 30 NM arc radius centred on KKN DVOR/DME (162814.73N1024716.07E) to 162237.63N 1031752.28E - 162204.42N 1031924.64E - then counter clockwise along 30 NM arc radius centred on ROT DVOR/DME (160700.59N1034619.45E) to 161241.05N 1031547.42E - 161314.24N 1031415.12E - then clockwise along 30 NM arc radius centred on KKN DVOR/DME (162814.73N1024716.07E) to 165529.09N 1023401.97E - then counter clockwise along 30 NM arc radius centred on UDN DVOR/DME (172304.20N1024630.05E) to the starting point  <u>          </u> ALT 11000 FT <u>          </u> 2000 FT Class of airspace: C</p>	<p>Khon Kaen APP (Khon Kaen Sector)</p>	<p>Khon Kaen Approach (English, Thai)  As AD OPR HR</p>	<p>123.4 MHZ* 240.0 MHZ* 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9611 Fax: +662 285 9610  *RCAG If unable to contact Khon Kaen APP attempt to contact tower on appropriate frequency.</p>
<p><b>KHORAT CONTROL ZONE</b> The airspace enclosed by the following boundaries beginning at a point 150735.7N 1022135.3E - 151135.7N 1023647.2E - and clockwise along a 35 NM arc radius centred on KRT TACAN (145606.0N1020421.8E) to 145305.8N 1023947.2E - 145105.8N 1022447.3E - and clockwise along 20 NM arc radius centred on KRT TACAN to 143605.8N 1020147.5E - 143005.8N 1014047.6E - and clockwise along a 35 NM arc radius centred on KRT TACAN to 144705.8N 1012947.7E - 145353.7N 1014347.6E - and clockwise along a 20 NM arc radius centred on KRT TACAN to the starting point.  <u>          </u> ALT 11000 FT <u>          </u> GND Class of airspace: C</p>	<p>Khorat APP</p>	<p>Khorat Approach (English, Thai)  H24</p>	<p>134.1 MHZ 236.6 MHZ</p>	<p>All inbound traffic to Khorat CTR shall contact Khorat APP on freq 282.5 or 124.0 MHZ before entering CTR.</p>
<p><b>KRABI CONTROLLED AIRSPACES</b></p>				

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. KRABI CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on KBI VOR/DME (080627.19N0985839.07E) up to but not including 2000 FT GND Class of airspace: C</p> <p><b>B. KRABI TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundaries: Starting from a point 073617.95N 0991303.04E - 074956.18N 0984322.54E - then counter clockwise along 30 NM arc radius centred on PUT DVOR/DME (080654.83N0981822.69E) to 082115.49N 0984500.06E - then clockwise along 20 NM arc radius centred on KBI VOR/DME (080627.19N0985839.07E) to 082623.61N 0985605.57E - 083636.11N 0985805.68E - then clockwise along 30 NM arc radius centred on KBI VOR/DME (080627.19N0985839.07E) to 083509.81N 0990754.38E - 082507.75N 0990607.06E - then clockwise along 20 NM arc radius centred on KBI VOR/DME (080627.19N0985839.07E) to 075717.53N 0991636.23E - 075117.86N 0992322.29E - then counter clockwise along 25 NM arc radius centred on TRN DVOR/DME (073032.17N0993733.67E) to the starting point  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Phuket APP (Phuket Sector)</p>	<p>Krabi Approach* (English, Thai)  As AD OPR HR</p>	<p>120.05 MHZ** 121.5 MHZ/EMERG</p>	<p>*Approach control unit shall accordingly maintain close co-ordination with the appropriate military unit for activities that may affect controlled flight within the joint-use airspace  **RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency.</p>
<b>LAMPANG CONTROLLED AIRSPACES</b>				
<p><b>A. LAMPANG CONTROL ZONE</b> The airspace within a circle of 10 NM radius centre on LPN DVOR/DME (181635.87N0993008.40E) up to but not including 2000 FT GND Class of airspace: C</p> <p><b>B. LAMPANG TERMINAL CONTROL AREA</b> The airspace enclosed by a circle of 25 NM radius centred on LPN DVOR/DME (181635.87N0993008.40E) excluding CHIANG MAI Terminal Control Area and ATS route A464  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Chiang Mai APP (Chiang Mai Sector)</p>	<p>Lampang Approach (English, Thai)  As AD OPR HR</p>	<p>119.3 MHZ* 121.5 MHZ/EMERG</p>	<p>*RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency.</p>
<b>LOEI CONTROLLED AIRSPACES</b>				

<b>Name</b> <b>Lateral limits</b> <b>Vertical limits</b> <b>Class of airspace</b>  <b>1</b>	<b>Unit providing service</b>  <b>2</b>	<b>Call sign</b> <b>Language</b> <b>Area and conditions of use</b> <b>Hours of service</b>  <b>3</b>	<b>Frequency/Purpose</b>  <b>4</b>	<b>Remarks</b>  <b>5</b>
<p><b>A. LOEI CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on LOY DVOR/DME (172649.38N1014323.12E) up to but not including 2000 FT GND Class of airspace: C</p> <p><b>B. LOEI TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundaries: Starting from a point 172903.41N 1012236.19E - and then clockwise along 20 NM arc radius centred on LOY DVOR/DME (172649.38N1014323.12E) to 173039.85N 1020354.41E - 172957.00N 1021559.60E - then counter clockwise along 30 NM arc radius centred on UDN DVOR/DME (172304.20N1024630.05E) to 171956.38N 1021520.80E - 172039.09N 1020316.26E - then clockwise along 20 NM arc radius centred on LOY DVOR/DME (172649.38N1014323.12E) to 171341.88N 1012734.57E - 170942.48N 1011736.03E - then clockwise along 30 NM arc radius centred on LOY DVOR/DME (172649.38N1014323.12E) to 172734.43N 1011201.63E - then direct to the starting point  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Loei APP (Khon Kaen Sector)</p>	<p>Loei Approach* (English Thai)  As AD OPR HR</p>	<p>122.55 MHZ** 121.5 MHZ/EMERG</p>	<p>* Approach control unit shall accordingly maintain close co-ordination with the appropriate military unit for activities that may affect controlled flight within the joint use airspace.  VTBBZAZX Tel: +662 285 9611 Fax: +662 285 9610  **RCAG If unable to contact Loei APP attempt to contact tower on appropriate frequency.</p>
<p><b>MAE HONG SON CONTROLLED AIRSPACES</b></p>				
<p><b>A. MAE HONG SON CONTROL ZONE</b> The airspace within a circle of 10 NM radius on MHS DVOR/DME (191910.73N0975443.50E) up to but not including 2000 FT GND Class of airspace: D</p> <p><b>B. MAE HONG SON TERMINAL CONTROL AREA</b> The airspace enclosed by a circle of 30 NM radius centred on MHS DVOR/DME (191910.73N0975443.50E)  ALT 11000 FT 2000 FT Class of airspace: D</p>	<p>Chiang Mai APP (Chiang Mai Sector)</p>	<p>Mae Hong Son Approach (English, Thai)  As AD OPR HR</p>	<p>126.2 MHZ* 121.5 MHZ/EMERG</p>	<p>*RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency</p>
<p><b>MAE SOT CONTROLLED AIRSPACES</b></p>				

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. MAE SOT CONTROL ZONE</b> The airspace enclosed by the following boundary: Starting from a point 165147.0N 0983218.9E and then clockwise along 10 NM arc radius centred on MST DVOR/DME (164152.13N 0983229.68E) to 163205.1N 0983612.9E and then along BKK FIR to the starting point. up to but not including 2000 FT GND Class of airspace: C</p> <p><b>B. MAE SOT TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: Starting from a point 170104.9N 098249.0E and then clockwise along 20 NM arc radius centred on MST DVOR/DME (164152.13N 0983229.68E) to 170134.9N 0983118.9E - 171152.9N 0983300.9E and then clockwise along 30 NM arc radius centred on MST DVOR/DME (164152.13N 0983229.68E) to 170958.9N 0984348.8E - 170005.0N 0984148.80E and then clockwise along 20 NM arc radius centred on MST DVOR/DME (164152.13N 0983229.68E) to 165205.0N 0985048.8E - 165305.0N 0985348.8E and then counter clockwise along 20 NM arc radius centred on TK NDB (165358.24N 0991507.91E) to 064305.1N 0985648.7E - 164235.1N 0985348.8E and then clockwise along 20 NM arc radius centred on MST DVOR/DME (164152.13N 0983229.68E) to 162235.1N 0983918.9E and then along BKK FIR to the starting point. ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Chiang Mai APP (Chiang Mai Sector)</p>	<p>Mae Sot Ap- proach* (English, Thai)  As AD OPR HR</p>	<p>120.65 MHZ** 121.5 MHZ/EMERG</p>	<p>*Approach control unit shall accordingly maintain close co-ordination with the appropriate military unit for activities that may affect controlled flight within the joint-use airspace.  **RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency</p>
<p><b>NARATHIWAT CONTROLLED AIRSPACES</b></p>				



<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. NARATHIWAT CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on NTW DVOR/DME (063138.24N1014442.48E)  up to but not including 2000 FT AGL <u>GND</u> Class of airspace: C</p> <p><b>B. NARATHIWAT TERMINAL CONTROL AREA</b> 1. A circle of 25 NM radius centred on NTW DVOR/DME (063138.24N1014442.48E)  <u>ALT 11000 FT</u> <u>2000 FT</u> 2. The airspace enclosed by the following boundaries: Starting from a point located at 061836.84N 1012314.09E - 061402.73N 1010630.29E then along Bangkok FIR/Kuala Lumpur FIR boundary to 055441.43N 1013651.39E - 060745.40N 1013655.15E and then clockwise along 25 NM radius centred on NTW DVOR/DME (063138.24N1014442.48E) to the starting point.  <u>ALT 11000 FT</u> <u>4000 FT</u> Class of airspace: C</p>	<p>Hat Yai APP (Hat Yai Sector)</p>	<p>Narathiwat Approach (English, Thai)  As AD OPR HR</p>	<p>125.55 MHZ* 121.5 MHZ/EMERG</p>	<p>*RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency</p>
<p><b>NAN CONTROLLED AIRSPACES</b></p>				
<p><b>A. NAN CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on NAN DVOR/DME (184832.76N1004657.31E)  up to but not including 2000 FT AGL <u>GND</u> Class of airspace: C</p> <p><b>B. NAN TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary : Starting from a point 185713.85N 1011714.96E - 182342.02N 1010448.43E then clockwise along 30 NM arc radius centred on NAN DVOR/DME (184832.76N1004657.31E) to 182234.95N 1003056.94E - 181854.45N 1002738.69E from this point then counter clockwise along 20 NM arc radius centred on PAE DVOR/DME (180802.78N1000958.35E) to 182552.98N 1001937.46E - 182915.55N 1002241.38E from this point clockwise along 30 NM arc radius centred on NAN DVOR/DME (184832.76N1004657.31E) to the starting point.  <u>ALT 11000 FT</u> <u>2000 FT</u> Class of airspace: C</p>	<p>Nan APP (Chiang Rai Sector)</p>	<p>Nan Approach (English, Thai)  As AD OPR HR</p>	<p>120.25 MHZ* 121.5 MHZ/EMERG</p>	<p>VTBBZAX Tel: +662 285 9614 Fax: +662 285 9610  *RCAG If unable to contact Nan APP attempt to contact tower on appropriate frequency</p>
<p><b>NAKHON PHANOM CONTROLLED AIRSPACES</b></p>				

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. NAKHON PHANOM CONTROL ZONE</b> The airspace enclosed by the following boundary: Starting from a point 173305.2N 1043846.1E - 171905.3N 1044728E and then clockwise along 10 NM arc radius centred on NKP DVOR/DME (172317.87N1043818.01E) to the starting point  up to but not including 2000 FT AGL <u>GND</u> Class of airspace: C</p>	<p>Sakon Nakhon APP (Khon Kaen Sector)</p>	<p>Sakon Nakhon Approach* (English, Thai)  2300-1500</p>	<p>123.35 MHZ** 284.0 MHZ 121.5 MHZ/EMERG</p>	<p>*Approach control unit shall accordingly maintain close co-ordination with the appropriate military unit for activities that may affect controlled flight within the joint-use airspace  VTBBZAZX Tel: +662 285 9611 Fax: +662 285 9610  **RCAG If unable to contact Sakon Nakhon APP attempt to contact tower on appropriate frequency</p>
<p><b>NAKHON SI THAMMARAT CONTROLLED AIRSPACES</b></p>				
<p><b>A.NAKHON SI THAMMARAT CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on NKS DVOR/DME (083229.95N0995648.67E)  up to but not including 2000 FT AGL <u>GND</u> Class of airspace: C <b>B.NAKHON SI THAMMARAT TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: Starting from a point 085315.48N 0993440.19E - 084641.65N 0994230.63E - then clockwise along 20 NM arc radius centred on NKS DVOR/DME (083229.95N0995648.67E) to 084227.08N 1001421.39E - 084227.57N 1002524.11E - then clockwise along 30 NM arc radius centred on NKS DVOR/DME (083229.95N0995648.67E) to 080526.44N 0994327.40E - 081513.69N 0994629.07E - then clockwise along 20NM arc radius centred on NKS DVOR/DME (083229.95N0995648.67E) to 083729.54N 0993714.95E - 084538.48N 0992840.93E - then counter clockwise along 30 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to the starting point.  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Nakhon Si Thammarat APP (Samui Sector)</p>	<p>Nakhon Si Thammarat Approach* (English, Thai)  As AD OPR HR</p>	<p>119.75 MHZ/PRI** 121.5 MHZ/EMERG</p>	<p>*Approach control unit shall accordingly maintain close co-ordination with the appropriate military unit for activities that may affect controlled flight within the joint-use airspace  VTBBZAZX Tel: +662 285 9613 Fax: +662 285 9610  **RCAG If unable to contact Nakhon Si Thammarat APP attempt to contact tower on appropriate frequency</p>
<p><b>PATTANI CONTROLLED AIRSPACES</b></p>				

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. PATTANI CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on PT NDB (064718.45N1010852.51E) up to but not including 2000 FT AGL GND Class of airspace: C</p> <p><b>B. PATTANI TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: Starting from a point 070819.7N 1005000.3E - 065431.8N 1013524.0E - 062807.9N 1011936.1E - 064019.9N 1004018.4E - then direct to a starting point</p> <p>ALT 11000 FT 2000 FT Excluding Hat Yai TMA, Narathiwat TMA Class of airspace: C</p>	<p>Hat Yai APP (Hat Yai Sector)</p>	<p>Pattani Approach* (English, Thai)  2330–1130*</p>	<p>126.0 MHZ**</p>	<p>*Approach control unit shall accordingly maintain close coordination with the appropriate military unit for activities that may affect controlled flight within the joint-use airspace</p> <p>TWR hours of services: 3 HR PN in advance to Hat Yai Approach Control Centre via AFTN VTSSZAZX</p> <p>VTSSZTZX Fax: +667 425 1070</p> <p>VTSSZTZX Tel: +667 425 1074</p> <p>VTSKZTZX Tel: +661 988 3274</p> <p>**RCAG</p> <p>If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency</p>
<p><b>PHETCHABUN CONTROLLED AIRSPACES</b></p>				

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. PHETCHABUN CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on PCB DVOR/DME (164033.66N1011148.12E) up to but not including 2000 FT AGL GND Class of airspace: C</p> <p><b>B. PHETCHABUN TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: Starting from a point 170242.63N 1004957.84E - then clockwise along 30 NM arc radius from PCB DVOR/DME (164033.66N1011148.12E) to 170819.51N 1005837.17E - 165959.98N 1010427.29E - from this point clockwise along 20 NM arc radius centred on PCB DVOR/DME (164033.66N1011148.12E) to 170001.30N 1011857.39E - 170823.73N 1012443.06E - then clockwise along 20 NM arc radius centred on PCB DVOR/DME (164033.66N1011148.12E) to 170255.62N 1013328.43E - 165433.23N 1012742.93E - then clockwise along 20 NM arc radius centred on PCB DVOR/DME (164033.66N1011148.12E) to 161957.83N 1010934.85E - 161031.71N 1010601.45E - then clockwise along 30 NM arc radius centred on PCB DVOR/DME (164033.66N1011148.12E) to 161357.78N 1005615.51E - 162323.90N 1005948.97E - then clockwise along 20 NM arc radius from PCB DVOR/DME (164033.66N1011148.12E) to 163745.48N 1005031.20E - 163801.69N 1004759.02E and counter clockwise along 30 NM arc radius centred on PSL DVOR/DME (164613.34N1001728.70E) to 164800.50N 1004907.60E - 164744.29N 1005139.91E - then clockwise along 20 NM arc radius centred on PCB DVOR/DME (164033.66N1011148.12E) to 165423.10N 1005547.78E - then direct to the starting point.</p> <p>ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Phetchabun APP (Chiang Rai Sector)</p>	<p>Phetchabun Approach* (English, Thai)  As AD OPR HR</p>	<p>126.7 MHZ**</p>	<p>*Approach control unit shall accordingly maintain close coordination with the appropriate military units for activities that may affect controlled flights within the joint-use airspace</p> <p>VTBBZAXX Tel: +662 285 9614 Fax: +662 285 9610</p> <p>**RCAG If unable to contact Phetchabun APP attempt to contact tower on appropriate frequency.</p>
<p><b>PHITSANULOK CONTROLLED AIRSPACES</b></p>				

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>A. PHITSANULOK CONTROL ZONE</b> The airspace within a circle of 15 NM radius centred on PSL DVOR/DME (164613.34N 1001728.70E) up to but not including 2000 FT AGL GND Class of airspace: C</p> <p><b>B. PHITSANULOK TERMINAL CONTROL AREA</b> The airspace enclosed by a circle of 30 NM radius centred on PSL DVOR/DME (164613.34N 1001728.70E) ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Phitsanulok APP</p>	<p>Phitsanulok Approach (English, Thai) As AD OPR HR</p>	<p>120.7 MHZ/284.0 MHZ 121.5 MHZ/EMERG 243.0 MHZ/EMERG</p>	
<p><b>PHRAE CONTROLLED AIRSPACES</b></p> <p><b>A. PHRAE CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on PAE DVOR/DME (180802.78N1000958.35E) up to but not including 2000 FT AGL GND Class of airspace: C</p> <p><b>B. PHRAE TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: Starting from a point 182634.6N 1000218.1E - 183634.6N 0993948.1E - then clockwise along 30 NM arc radius centred on PAE DVOR/DME (180802.78N1000958.35E) to 183804.4N 1001048.0E - 182804.6N 1001212.0E - then clockwise along 20 NM arc radius centred on PAE DVOR/DME (180802.78N1000958.35E) to 175704.8N 1002748.0E - 174934.8N 1003447.9E - then clockwise along 30 NM arc radius centred on PAE DVOR/DME (180802.78N1000958.35E) to 173804.9N 1000718.1E - 174822.8N 1000642.1E - and then clockwise along 20 NM arc radius the centred on PAE DVOR/DME (180802.78N1000958.35E) to the starting point ALT 11000 FT 2000 FT Excluding LAMPANG TMA Class of airspace: C</p>	<p>Phrae APP (Chiang Rai Sector)</p>	<p>Phrae Approach (English, Thai) As AD OPR HR</p>	<p>120.1 MHZ* 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9614 Fax: +662 285 9610 *RCAG If unable to contact Phrae APP attempt to contact tower on appropriate frequency.</p>

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>PHUKET CONTROLLED AIRSPACES</b> <b>A. PHUKET CONTROL ZONE</b> A circle of 10 NM centres on PUT DVOR/DME (080654.83N0981822.69E) up to but not including 2000 FT AGL GND Class of airspace: C <b>B. PHUKET TERMINAL CONTROL AREA</b> The airspace within a circle of 30 NM radius centres on PUT DVOR/DME (080654.83N0981822.69E) ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Phuket APP</p>	<p>Phuket Approach (English, Thai)  H24</p>	<p>124.7 MHZ 284.0 MHZ 120.7 MHZ/ARR 121.5 MHZ/EMERG 243.0 MHZ/EMERG</p>	
<p><b>RANONG CONTROLLED AIRSPACES</b> <b>A. RANONG CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on RAN DVOR/DME (094643.18N0983502.11E) up to but not including 2000 FT GND Class of airspace: C <b>B. RANONG TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundaries: Starting from a point 093117.14N 0985500.96E - 092955.95N 0985609.83E - then counter clockwise along 25 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to 092313.08N 0984808.19E - 092434.24N 0984659.31E - then clockwise along 25 NM arc radius centred on RAN DVOR/DME (094643.18N0983502.11E) to the starting point. Excluding the portion of area produced in Yangon FIR. ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Phuket APP (Phuket Sector)</p>	<p>Ranong Approach (English, Thai)  As AD OPR HR*</p>	<p>125.1 MHZ** 121.5 MHZ/EMERG</p>	<p>*Approach control unit shall accordingly maintain close coordination with the appropriate military unit for activities that may affect controlled flight within the joint-use airspace.  **RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency.</p>
<p><b>ROI ET CONTROLLED AIRSPACES</b> <b>A. ROI ET CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on ROT DVOR/DME (160700.59N1034619.45E) up to but not including 2000 FT GND Class of airspace: C <b>B. ROI ET TERMINAL CONTROL AREA</b> The airspace within a circle of 30 NM radius centred on ROT DVOR/DME (160700.59N1034619.45E) ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Roi Et APP (Ubon Sector)</p>	<p>Roi Et Approach (English, Thai)  As AD OPR HR</p>	<p>125.4 MHZ* 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9612 Fax: +662 285 9610  *RCAG If unable to contact Roi Et APP attempt to contact tower on appropriate frequency.</p>

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>SAKON NAKHON CONTROLLED AIRSPACES</b>  <b>A. SAKON NAKHON CONTROL ZONE</b>                      The airspace within a circle of 10 NM radius centred on SKN DVOR/DME (171250.89N1040812.34E)                      up to but not including 2000 FT                      GND                      Class of airspace: C  <b>B. SAKON NAKHON TERMINAL CONTROL AREA</b>                      The airspace enclosed by the following boundary:                      Starting from a point                      174253.1N 1040758.4E -                      174253.1N 1042406.2E -                      164253.4N 1044446.1E -                      164253.4N 1040758.4E -                      then clockwise along 30 NM arc radius centred on SKN DVOR/DME (171250.89N1040812.34E) to the starting point.                      ALT 11000 FT                      2000 FT                      Excluding Nakhon Phanom Control Zone                      Class of airspace: C</p>	<p>Sakon Nakhon APP (Khon Kaen Sector)</p>	<p>Sakon Nakhon Approach* (English, Thai)  As AD OPR HR</p>	<p>123.35 MHZ / 284.0 MHZ** 121.5 MHZ/EMERG</p>	<p>*Approach control unit shall accordingly maintain close co-ordination with the appropriate military units for activities that may affect controlled flights within the joint-use airspace.  VTBBZAZX Tel: +662 285 9611 Fax: +662 285 9610  **RCAG If unable to contact Sakon Nakhon APP attempt to contact tower on appropriate frequency.</p>

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>SURAT THANI CONTROLLED AIRSPACES</b> <b>A. SURAT THANI CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on STN DVOR/DME (090746.24N0990805.09E) up to but not including 3000 FT GND Class of airspace: C <b>B. SURAT THANI TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: Starting from a point 093307.1N 0991101.0E - 093737.1N 0991230.9E - then clockwise along 30 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to 093443.1N 0992200.9E - 093019.1N 0992030.9E - then clockwise along 25 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to 085607.3N 0993036.8E - 085307.3N 0993418.8E - then clockwise along 30 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to 084031.3N 0991930.9E - 084467.3N 0991706.9E - then clockwise along 25 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to 084549.3N 0985701.1E - 084207.03N 0985349.1E - then clockwise along 30 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to 084837.3N 0984607.1E - 085225.2N 0984925.1E - then clockwise along 25 NM arc radius centred on STN DVOR/DME (090746.24N0990805.09E) to the starting point.  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Surat Thani APP (Samui Sector)</p>	<p>Surat Thani Approach (English, Thai)  As AD OPR HR</p>	<p>123.35 MHZ/240.0 MHZ/PRI* 129.6 MHZ/305.4 MHZ/SEC* 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9613 Fax: +662 285 9610  *RCAG If unable to contact Surat Thani APP attempt to contact tower on appropriate frequency.</p>



<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>SAMUI CONTROLLED AIRSPACES</b> <b>A. SAMUI AERODROME TRAFFIC ZONE</b> A circle of 5 NM radius centred on SM NDB (093314.01N1000335.65E)  2000 FT AGL GND Class of airspace: D</p>	<p>Samui TWR</p>			<p>*TWR hours of services: Daily 2330-1430 other than this period and holiday 3 HR PN to Bangkok APP (Samui Sector) via AFTN VTBBZAZX</p>
<p><b>B. SAMUI CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred of SM NDB (093314.01N1000335.65E)  up to but not including 3000 FT AGL GND Class of airspace: C <b>C. SAMUI TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundary: starting from a point 100256.00N 1000511.00E then clockwise along 30 NM arc radius on SM NDB (093314.01N1000335.65E) to 093802N 1003338E - 093300N 1002357E then clockwise along 20 NM arc radius on SM NDB (093314.01N1000335.65E) to 091346.00N 0995834.00E - 090459.00N 0995306.00E - clockwise along 30NM arc radius centred on SM NDB (093314.01N1000335.65E) to 091000.00N 0994428.00E - 091851.00N 0994940.00E - then clockwise along 20 NM arc radius centred on SM NDB (093314.01N1000335.65E) to 095256.00N 1000302.00E - then direct to starting point. Including B463  11000 FT AGL 2000 FT AGL Class of airspace: C <b>D. Transition Altitude: 11 000 FT</b></p>	<p>Bangkok APP (Samui Sector)</p>	<p>Samui Approach (English, Thai)  2300-1500*</p>	<p>129.6 MHZ/305.4 MHZ/PR! 119.75 MHZ/SEC 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9695 Fax +662 285 9610 VTBBZAZX Tel: +662 285 9695 VTSMZTZX Tel: +668 1308 1936  **RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency.</p>

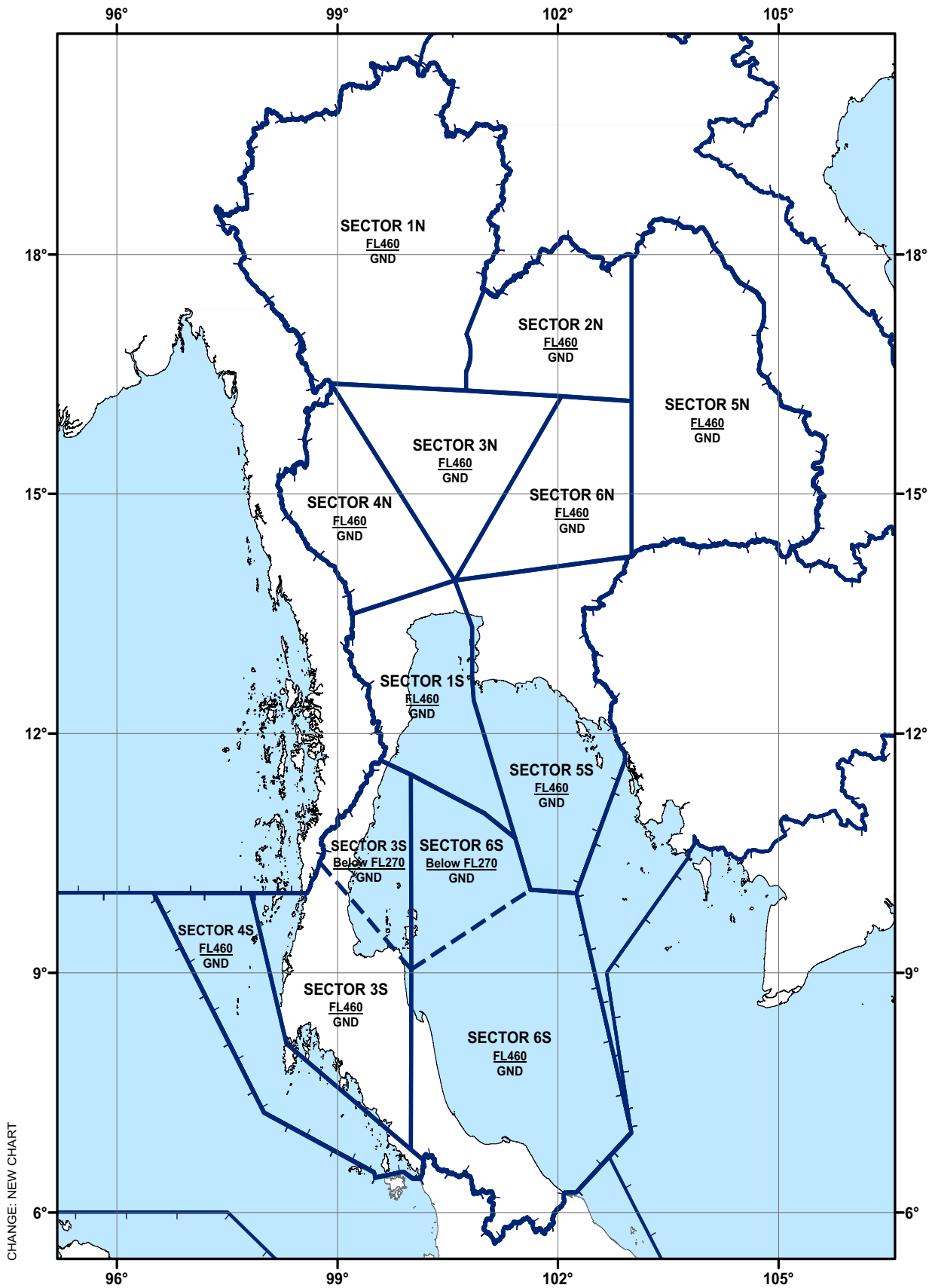
<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>SUKHOTHAI CONTROLLED AIRSPACES</b> <b>A. SUKHOTHAI AERODROME TRAFFIC ZONE</b> A circle of 5 NM radius centred on THS NDB (171406.81N0994919.23E)  2000 FT AGL GND Class of airspace: C</p>	<p>Sukhothai TWR</p>			
<p><b>B. SUKHOTHAI CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on THS NDB (171406.81N0994919.23E) Excluding Phitsanulok TMA.  up to but not including 2000 FT AGL GND <b>C. SUKHOTHAI TERMINAL CONTROL AREA</b> The airspace enclosed by the follow boundaries beginning at 174029N 1000432E - 172551N 0995909E then clockwise along 15 NM arc from THS NDB (171406.81N0994919.23E) to 170000N 0995100E - 164454N 0995100E then clockwise along 30 NM arc from THS NDB (171406.81N0994919.23E) to 164648N 0993848E - 170130N 0994154E then clockwise along 15 NM arc from THS NDB (171406.81N0994919.23E) to 171348N 0993412E - 172442N 0992006E then clockwise along 30 NM arc from THS NDB (171406.81N0994919.23E) to the starting point. Excluding Phitsanulok TMA.  ALT 11000 FT 2000 FT Class of airspace: C <b>D. Transition Altitude: 11 000 FT</b></p>	<p>Phitsanulok APP</p>	<p>Sukhothai Approach (English, Thai)  As AD OPR HR</p>	<p>120.7 MHZ 121.5 MHZ/EMERG</p>	
<p><b>TAK CONTROLLED AIRSPACES</b> <b>A. TAK CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on TK NDB (165358.24N0991507.91E)  up to but not including 2000 FT GND Class of airspace: C <b>B. TAK TERMINAL CONTROL AREA</b> The airspace enclosed by the following boundaries: Starting from a point 165629.81N 0993550.14E - 165553.24N 0994046.08E - 164601.66N 0993836.55E - 164632.03N 0993430.61E - then clockwise along 20 NM arc radius centred on TK NDB (165358.24N0991507.91E) to the starting point Excluding A464, G473, VTD33 and VT D 56  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Phitsanulok APP</p>	<p>Tak Approach* (English, Thai)  As AD OPR HR</p>	<p>126.0 MHZ 121.5 MHZ/EMERG</p>	<p>* Approach control unit shall accordingly maintain close coordination with the appropriate military units for activities that may affect controlled flight within the joint-use airspace.</p>

<b>Name</b> <b>Lateral limits</b> <b>Vertical limits</b> <b>Class of airspace</b>  <b>1</b>	<b>Unit providing service</b>  <b>2</b>	<b>Call sign</b> <b>Language</b> <b>Area and conditions of use</b> <b>Hours of service</b>  <b>3</b>	<b>Frequency/Purpose</b>  <b>4</b>	<b>Remarks</b>  <b>5</b>
<b>TAKHLI CONTROL ZONE</b> The airspace enclosed by the following boundaries: beginning at 144511.7N 1003309.1E and clockwise along a 35 NM arc radius from TKL TACAN (151629.13N1001756.62E) to 145805.7N 1004848.0E then counter clockwise along a 12 NM arc radius from Khok Kathiam (centred on 145228.7N1003948.2E) to the starting point.  ALT 11000 FT 2000 Class of airspace: C	Takhli APP	Takhli Approach (English, Thai)  H24	122.3 MHz 236.6 MHz 253.5 MHz	Conventional Approach (Secondary)  Excluding Alfa Control Area, VTD31 and Nakhon Sawan Aerodrome Traffic Zone.
<b>TRANG CONTROLLED AIRSPACES</b> <b>A. TRANG CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on TRN DVOR/DME (073032.17N0993733.67E)  up to but not including 2000 FT GND Class of airspace: C <b>B. TRANG TERMINAL CONTROL AREA</b> The airspace enclosed by a circle of 25 NM radius centred on TRN DVOR/DME (073032.17N0993733.67E) Excluding Hat Yai TMA.  ALT 11000 FT 2000 FT Class of airspace: C	Hat Yai APP (Hat Yai Sector)	Trang Approach (English, Thai)  As AD OPR HR	125.3 MHz* 121.5 MHz/EMERG	*RCAG If unable to contact Approach Control Centre/Office attempt to contact tower on appropriate frequency.

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>TRAT CONTROLLED AIRSPACES</b> <b>A. TRAT AERODROME TRAFFIC ZONE</b> A circle of 5 NM radius centred on TRT NDB (121628.10N1021850.08E)  ALT 2000 FT AGL GND Class of airspace: D <b>B. TRAT CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred of TRT NDB (121628.10N1021850.08E) up to but not including 2000 FT GND Class of airspace: C <b>C. TRAT TERMINAL CONTROL AREA</b> The airspace enclosed by the follow boundaries beginning at 123259.66N 1020609.45E then clockwise along 20 NM arc radius centred on TRT NDB to 115552.08N 1021639.12E - 114625.74N 1021309.78E - then clockwise along 30 NM arc radius centred on TRT NDB to 114951.88N 1020334.90E - 115918.21N 1020704.28E - then clockwise along 20 NM arc radius centred on TRT NDB to 122511.30N 1015943.07E - 123130.69N 1015146.64E - then clockwise along 30 NM arc radius centred on TRT NDB to 123919.05N 1015812.68E - then direct to starting point  ALT 11000 FT ALT 2000 FT Class of airspace: C <b>D. Transition Altitude: 11 000 FT</b></p>	<p>Trat TWR</p>	<p>Trat Approach (English, Thai)  2300-1100* UTC</p>	<p>120.25 MHZ** 121.5 MHZ/EMERG</p>	<p>*TWR hours of service 2300 -1100 UTC  Other than this period and holiday 3 HR PN to Bangkok Approach Control Centre via AFTN:  VTBBZAZX Tel: +662 285 9613  VTBOZTZX Tel: +668 1936 7805  **RCAG If unable to contact approach control centre attempt to contact tower on appropriate frequency.</p>
<p><b>UBON CONTROLLED AIRSPACES</b> <b>A. UBON CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on UBL DVOR/DME (151442.71N1045157.30E) up to but not including 3000 FT AGL GND Class of airspace: C <b>B. UBON TERMINAL CONTROL AREA</b> The airspace enclosed by a circle of 30 NM radius centred on UBL DVOR/DME (151442.71N1045157.30E)  FL 200 2000FT AGL Class of airspace: C</p>	<p>Ubon APP (Ubon Sector)</p>	<p>Ubon Approach (English, Thai)  As AD OPR HR</p>	<p>123.5 MHZ / 257.8 MHZ* 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9612 Fax: +662 285 9610  *RCAG If unable to contact Ubon APP attempt to contact tower on appropriate frequency.</p>

<p>Name Lateral limits Vertical limits Class of airspace</p> <p>1</p>	<p>Unit providing service</p> <p>2</p>	<p>Call sign Language Area and conditions of use Hours of service</p> <p>3</p>	<p>Frequency/Purpose</p> <p>4</p>	<p>Remarks</p> <p>5</p>
<p><b>UDON CONTROLLED AIRSPACES</b> <b>A. UDON CONTROL ZONE</b> The airspace within a circle of 10 NM radius centred on UDN DVOR/DME (172304.20N1024630.05E)  up to but not including 3000 FT AGL GND Class of airspace: C <b>B. UDON TERMINAL CONTROL AREA</b> The airspace enclosed by a circle of 30 NM radius centred on UDN DVOR/DME (172304.20N1024630.05E) Except airspace overlapping Vientiane FIR  ALT 11000 FT 2000 FT Class of airspace: C</p>	<p>Udon APP (Khon Kaen Sector)</p>	<p>Udon Approach (English, Thai)  As AD OPR HR</p>	<p>126.2 MHZ / 265.9 MHZ* 119.45 MHZ** 121.5 MHZ/EMERG</p>	<p>VTBBZAZX Tel: +662 285 9611 Fax: +662 285 9610  *RCAG **Backup frequency If unable to contact Udon APP attempt to contact tower on appropriate frequency</p>
<p><b>U-TAPAO CONTROLLED AIRSPACES</b> <b>A. U-TAPAO CONTROL ZONE</b> The airspace within a circle of 5 NM radius centred on U-Tapao aerodrome (124046.6N1010017.7E)  up to but not including 2000 FT AGL GND Class of airspace: C <b>B. U-TAPAO TERMINAL CONTROL AREA</b> The airspace enclosed by a circle of 50 NM radius centred on U-Tapao aerodrome (124046.6N1010017.7E) 1. From 5 NM to 15 NM radius measured from the centre of the aerodrome, 700 FT above ground level to unlimited. 2. From 15 NM to 50 NM radius measured from the centre of the aerodrome, 2 000 FT above ground level to unlimited with the following exception: (i) U-Tapao Control Zone (ii) That portion overlapped by Bangkok Alfa Control Area and Hua Hin Terminal Control Area. (iii) All airspace on airways A464, R468, G463 and G458 from FL65 to FL460</p>	<p>U-Tapao APP</p>	<p>U-Tapao Approach (English, Thai)  H24</p>	<p>119.7 MHZ 134.5 MHZ 273.3 MHZ</p>	
<p><b>AREA OUTSIDE CONTROL AIRSPACE</b> The area outside control airspace (outside airways TMA and CTR), but within Bangkok FIR.  Class of airspace: G</p>	<p>Bangkok ACC</p>	<p>Bangkok Control (English, Thai)  H24</p>		<p>See frequency in use at appropriate sectors</p>

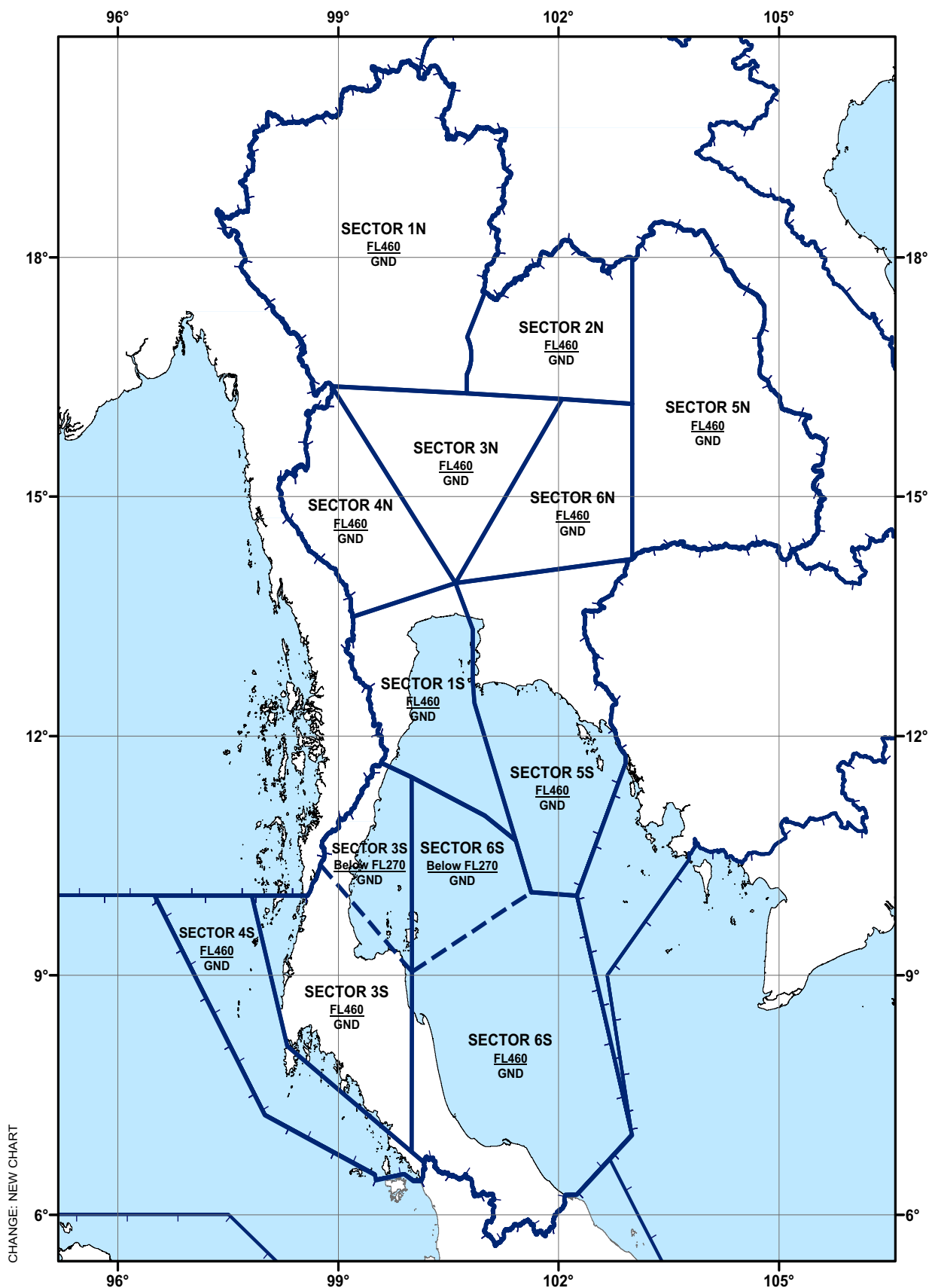
### AREAS OF RESPONSIBILITY AND SECTORIZATION OF BANGKOK AREA CONTROL CENTRE (Below FL270)



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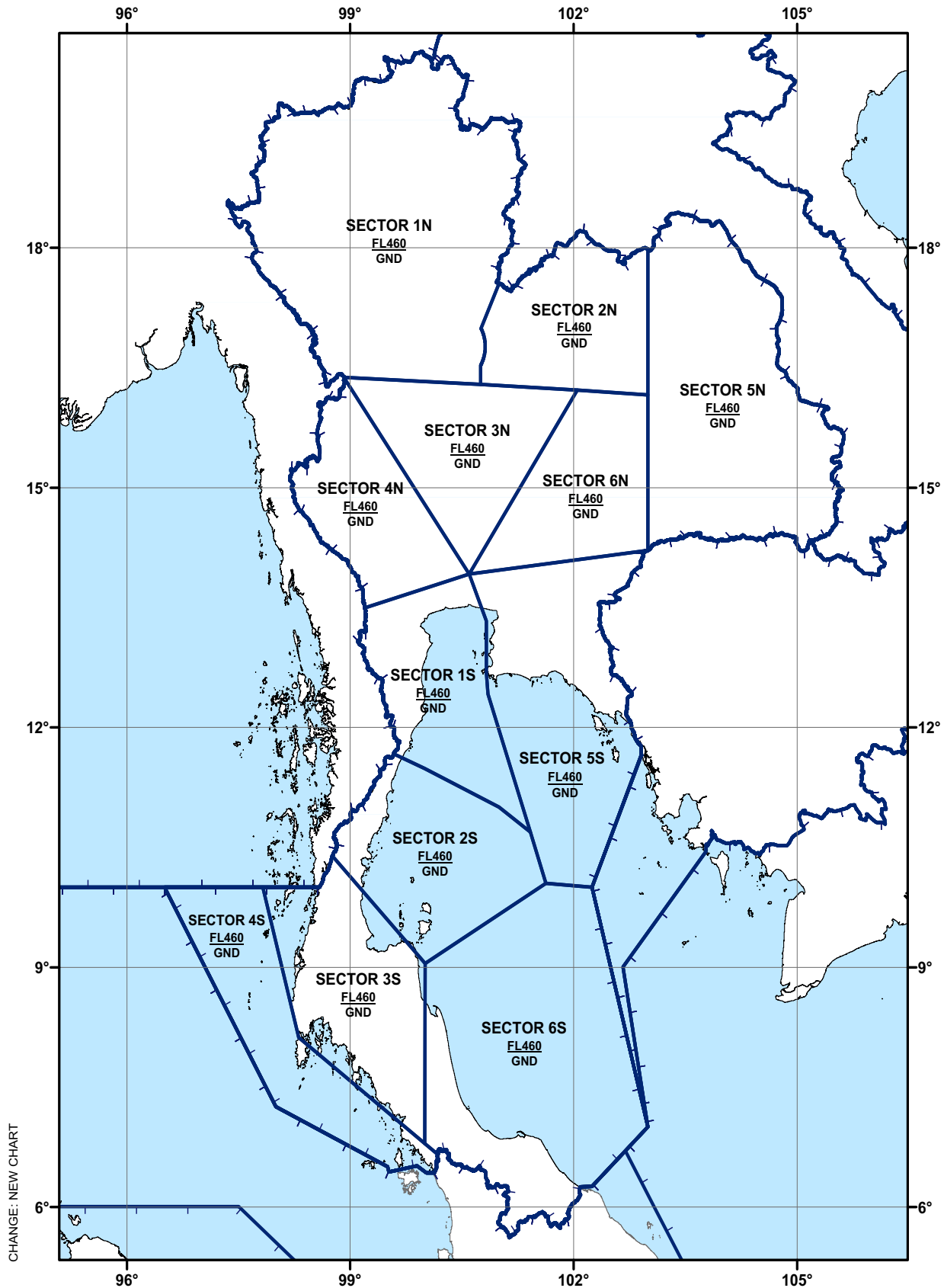
February 2020

### AREAS OF RESPONSIBILITY AND SECTORIZATION OF BANGKOK AREA CONTROL CENTRE (Below FL270)



February 2020

### AREAS OF RESPONSIBILITY AND SECTORIZATION OF BANGKOK AREA CONTROL CENTRE (FL 270 - FL 460)



February 2020