



ICAO

International Civil Aviation Organization

**Fifth Meeting of the Surveillance Implementation  
Coordination Group (SURICG/5)**

Web-conference, 22 – 24 September 2020

**Agenda Item 3: Review of regional requirements for Surveillance in the e-ANP, Seamless ANS Plan and the reported implementation status**

- c) **Additional System Area Codes (SAC) for surveillance systems in APAC and update on Regional Supplement to ASTERIX Interface Control Document (ICD) for ASIA/PAC Region**

**ADDITIONAL SYSTEM AREA CODES (SAC) FOR SURVEILLANCE SYSTEMS IN APAC  
AND UPDATE ON REGIONAL SUPPLEMENT TO ASTERIX  
INTERFACE CONTROL DOCUMENT (ICD)**

(Presented by the Secretariat)

**SUMMARY**

This working paper presents the Additional System Area Codes (SAC) for surveillance systems in APAC and the update on Regional Supplement to ASTERIX Interface Control Document (ICD) for ASIA/PAC Region.

**1. INTRODUCTION**

1.1 The Regional Supplement to ASTERIX Interface Control Document (ICD) for ASIA/PAC Region (referred as *the Supplement* in subsequent content) was in place to serve the purpose for denoting the unique identification within the Asia and Pacific regions to represent either a **surveillance** source or a sink, participating in the **surveillance** data exchange. The current 2<sup>nd</sup> edition of the document was issued back in September 2003.

1.2 With the development and expansion of surveillance facilities, there is a need to introduce additional System Area Codes (SAC) for surveillance systems in APAC. Subsequently, the Supplement will have to be updated to cater the introduction.

**2. DISCUSSION**

Additional SAC

2.1 Australia has requested ICAO APAC Regional Office for an additional SAC for their surveillance facilities. According to paragraph 3.1.2 in the ICD, i.e.-

**Agenda Item 3**

22-24/09/20

**Recommendation** *When needed, more than one SAC could be assigned to a single country or territory, for example, to differentiate between civil and military applications.*

ICAO APAC Regional office has accepted the A4<sup>hex</sup> to be the additional SAC proposed by Australia.

2.2 Being the first requirement for additional SAC code in the APAC region, this issue is brought to discussion in SURICG/5. The acceptable code A4<sup>hex</sup> is to be reflected into the next edition the Supplement as in **Table 1 of Attachment A**.

Other Updates to the Supplement

2.3 The System Identification Code (SIC) were provided by Australia, Laos PDR and Philippines and these data are to be reflected into the next edition the Supplement as in **Attachment A**.

2.4 Further to the above, there are editorial updates on the Supplement, including the binary representation of SAC of Brunei Darussalam. Such updates are to be reflected into the next edition the Supplement as in **Table 1 of Attachment A**.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited

- a) to take note on the updates in this paper and take necessary actions.
- b) to encourage States/Administrations to provide updates, including their use of SIC, to ICAO APAC Regional Office to reflect the latest data in the Supplement.

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INTERNATIONAL CIVIL AVIATION ORGANIZATION  
ASIA AND PACIFIC OFFICE



REGIONAL SUPPLEMENT

TO

THE ASTERIX INTERFACE CONTROL DOCUMENT (ICD)  
FOR THE ASIA/PAC REGION

~~SECOND~~THIRD EDITION

~~September 2003~~

September 2020

Issued by the ICAO Asia/Pacific Regional Office, Bangkok

## TABLE OF CONTENTS

		<b>Page</b>
1.	General.....	1
2.	Syntax .....	1
3.	Assignment of the Systems Identifiers .....	2
4.	System Area Code (SAC) Allotment Scheme .....	3
	Table 1 – System Area Codes	
5.	System Identification Code (SIC) Assignment.....	4
	Sample Format	
<a href="#">6.</a>	<a href="#">System Identification Code (SIC) – Australia .....</a>	<a href="#">5</a>
<a href="#">67.</a>	<a href="#">System Identification Code (SIC) – Brunei Darussalam .....</a>	<a href="#">512</a>
<a href="#">78.</a>	<a href="#">System Identification Code (SIC) – People’s Republic of China .....</a>	<a href="#">613</a>
<a href="#">89.</a>	<a href="#">System Identification Code (SIC) – Hong Kong, China.....</a>	<a href="#">815</a>
<a href="#">910.</a>	<a href="#">System Identification Code (SIC) – Macao, China.....</a>	<a href="#">916</a>
<a href="#">11.</a>	<a href="#">System Identification Code (SIC) – Lao People’s Democratic Republic .....</a>	<a href="#">17</a>
<del>10</del> <a href="#">12.</a>	<del>10</del> <a href="#">System Identification Code (SIC) – Indonesia</a>	
	<del>10</del> <a href="#">18</a>	
<del>11</del> <a href="#">13.</a>	<del>11</del> <a href="#">System Identification Code (SIC) – New Zealand</a>	
	<del>11</del> <a href="#">19</a>	
<del>12</del> <a href="#">14.</a>	<del>12</del> <a href="#">System Identification Code (SIC) – Papua New Guinea</a>	
	<del>12</del> <a href="#">20</a>	
<a href="#">15.</a>	<a href="#">System Identification Code (SIC) – Philippines .....</a>	<a href="#">21</a>
<del>13</del> <a href="#">16.</a>	<del>13</del> <a href="#">System Identification Code (SIC) – Republic of Korea</a>	
	<del>13</del> <a href="#">22</a>	
<del>14</del> <a href="#">17.</a>	<del>14</del> <a href="#">System Identification Code (SIC) – Singapore</a>	
	<del>14</del> <a href="#">23</a>	
<del>15</del> <a href="#">18.</a>	<del>15</del> <a href="#">System Identification Code (SIC) – Sri Lanka</a>	
	<del>15</del> <a href="#">24</a>	
<del>16</del> <a href="#">19.</a>	<del>16</del> <a href="#">System Identification Code (SIC) – Thailand</a>	
	<del>16</del> <a href="#">25</a>	

***Regional Supplement to the  
All Purpose Structured Eurocontrol Surveillance  
Information Exchange (ASTERIX) ICD  
for the ASIA/PAC Region***

***System Area Code (SAC) and  
System Identification Code (SIC)***

***ADDRESSING SCHEME OF RADAR DATA EXCHANGE***

**1. General**

In order to avoid ambiguity, every radar system (i.e. radar sensor, radar data processing system, server) shall have a unique identification within the Asia and Pacific regions to represent either a radar source or a sink, participating in the radar data exchange.

**2. Syntax**

The format of System Identifier field of radar data exchange shall be composed of two subfields as illustrated below:

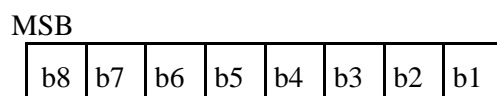


	<b>Field Name</b>	<b>Element Type</b>	<b>Field Size</b>
SAC	System Area Code	Binary	One octet
SIC	System Identification Code	Binary	One octet

2.1 System Area Code (SAC)

2.1.1 The SAC field shall consist of an eight-bit number assigned to a country or a territory.

2.1.2 The SAC field format shall be as illustrated below:



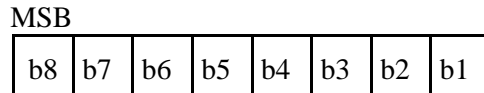
Where: b represents a binary digit and the MSB stands for Most Significant Bit

2.1.3 System Identification Code (SIC)

2.1.3.1 The SIC shall consist of an eight-bit number assigned to each radar system (radar sensor, processing system, server, etc.) located in the country or territory as defined by the SAC.

-2-

2.1.3.2 The SIC field format shall be as illustrated below:



Where: b represents a binary digit and MSB stands for the Most Significant Bit

2.1.4 The individual SICs are assigned by the National Administration concerned within the area identified by the SAC and are published in the this Document.

2.1.5 Within a country or territory identified by a SAC up to 256 individual codes (SICs) can be assigned.

2.1.6 The SICs shall be indicated by decimal and presented by binary in their relevant tables.

2.1.7 **Recommendation** *The assignment of SICs could be divided into groups by different functions and facilities categories.*

### 3. Assignment of the Systems Identifiers

3.1 System Area Codes

3.1.1 One SAC is assigned to each country or territory.

3.1.2 **Recommendation** *When needed, more than one SAC could be assigned to a single country or territory, for example, to differentiate between civil and military applications.*

3.1.3 The SACs allotment is provided in the Table 1 - System Area Codes (SAC)

3.1.4 Amendments to the System Area Codes (SAC) shall be coordinated by ICAO ASIA/PAC Regional office.

**System Area Code (SAC) Allotment Scheme**  
(by country alphabet order and even hexadecimal numbers)

**Table 1 - System Area Codes**

<b>SAC (Hexad)</b>	<b>Country/ Geographical Area</b>	<b>Binary Representation</b>	<b>SAC (Hexad)</b>	<b>Country/ Geographical Area</b>	<b>Binary Representation</b>
02	American Samoa	0000 0010	50	Mongolia	0101 0000
04	Australia	0000 0100	52	Myanmar	0101 0010
<b>A4</b>	<b>Australia</b>	<u>1010 0100</u>	54	Nauru	0101 0100
06	Bangladesh	0000 0110	56	Nepal	0101 0110
08	Bhutan	0000 1000	58	New Caledonia	0101 1000
10	Brunei Darussalam	<del>0000 1010</del> <u>0001 0000</u>	60	New Zealand	0110 0000
12	Cambodia	0001 0010	62	Niue Island	0110 0010
16	China	0001 0110	64	Pakistan	0110 0100
18	Hong Kong, China	0001 1000	66	Palau	0110 0110
20	Taibei, China	0010 0000	68	Papua New Guinea	0110 1000
22	Cook Islands	0010 0010	72	Philippines	0111 0010
24	DPR. of Korea	0010 0100	74	Republic of Korea	0111 0100
26	Fiji	0010 0110	76	Samoa	0111 0110
28	French Polynesia	0010 1000	78	Singapore	0111 1000
30	India	0011 0000	80	Solomon Islands	1000 0000
32	Indonesia	0011 0010	82	Sri Lanka	1000 0010
34	Japan	0011 0100	84	Thailand	1000 0100
36	Kiribati	0011 0110	86	Tonga	1000 0110
38	Lao PDR.	0011 1000	88	Tuvalu	1000 1000
40	Macao, China	0100 0000	90	United States	1001 0000
42	Malaysia	0100 0010	92	Vanuatu	1001 0010
44	Maldives	0100 0100	94	Vietnam	1001 0100
46	Marshall Islands	0100 0110	96	Wallis Islands	1001 0110
48	Micronesia	0100 1000			

\* 14, 70 is intentionally left blank

*System Identification Codes (SIC) Assignment  
by country alphabet order*

*(Sample Format)*

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar Type</b>	<b>Code (Binary)</b>
<b>Radars in Terminal Areas</b>			
001	Location A	PSR/SSR	0000 0001
002	B	PSR/MSSR	0000 0010
003	C	PSR/MSSR	0000 0011
065	D	PSR/MSSR	0100 0001
066	E	PSR/MSSR	0100 0010
<b>Radars in En-Route Airspace</b>			
132	Location F	MSSR	1000 0100
133	G	SSR	1000 0101
134	X	MSSR	1000 0110
135	Y	MSSR	1000 0111
195	Z	SSR	1100 0011
196		SSR	1100 0100
<b>Processing Systems</b>			
228	ATCC - RDPA		1110 0100
229	ATCC - RDPB		1110 0101

**AUSTRALIA**

**1. System Identification Code (SIC)**

*Table 1: Proposed SIC assignment for Australia – grouped into functions and facilities categories.*

<b><u>SIC Range (Decimal)</u></b>	<b><u>Type</u></b>
<u>0001 – 0010</u>	<u>ATC Centres</u>
<u>0011 – 0040</u>	<u>Terminal Area Radar Stations</u>
<u>0041 – 0080</u>	<u>Enroute Radar Stations</u>
<u>0081 – 0200</u>	<u>ADS-B Ground Stations</u>
<u>0200 – 0255</u>	<u>Reserved for Military</u>

*Table 2: Detailed SIC assignment for Australia*

<b><u>SIC (Decimal)</u></b>	<b><u>System</u></b>	<b><u>Type</u></b>	<b><u>Code (Binary)</u></b>
<u>0001</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 0001</u>
<u>0002</u>	<u>Brisbane TAAATS Centre</u>	<u>ATC Centre</u>	<u>0000 0010</u>
<u>0003</u>	<u>Melbourne TAAATS Centre</u>	<u>ATC Centre</u>	<u>0000 0011</u>
<u>0004</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 0100</u>
<u>0005</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 0101</u>
<u>0006</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 0110</u>
<u>0007</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 0111</u>
<u>0008</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 1000</u>
<u>0009</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 1001</u>
<u>0010</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0000 1010</u>
<u>0011</u>	<u>Redden Creek</u>	<u>PSR/MSSR</u>	<u>0000 1011</u>
<u>0012</u>	<u>Brisbane</u>	<u>PSR/MSSR</u>	<u>0000 1100</u>
<u>0013</u>	<u>Mt Sommerville</u>	<u>PSR/MSSR</u>	<u>0000 1101</u>
<u>0014</u>	<u>Sydney</u>	<u>PSR/MSSR</u>	<u>0000 1110</u>
<u>0015</u>	<u>Mt Majura</u>	<u>PSR/MSSR</u>	<u>0000 1111</u>
<u>0016</u>	<u>Gellibrand Hill</u>	<u>PSR/MSSR</u>	<u>0001 0000</u>
<u>0017</u>	<u>Adelaide</u>	<u>PSR/MSSR</u>	<u>0001 0001</u>
<u>0018</u>	<u>Perth</u>	<u>PSR/MSSR</u>	<u>0001 0010</u>
<u>0019</u>	<u>Transportable</u>	<u>PSR/MSSR</u>	<u>0001 0011</u>
<u>0020</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 0100</u>
<u>0021</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 0101</u>
<u>0022</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 0110</u>
<u>0023</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 0111</u>
<u>0024</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1000</u>
<u>0025</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1001</u>
<u>0026</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1010</u>
<u>0027</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1011</u>
<u>0028</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1100</u>
<u>0029</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1101</u>

AUSTRALIA (CONT'D)

<u>SIC (Decimal)</u>	<u>System</u>	<u>Type</u>	<u>Code (Binary)</u>
<u>0030</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1110</u>
<u>0031</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0001 1111</u>
<u>0032</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0000</u>
<u>0033</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0001</u>
<u>0034</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0010</u>
<u>0035</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0011</u>
<u>0036</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0100</u>
<u>0037</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0101</u>
<u>0038</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0110</u>
<u>0039</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 0111</u>
<u>0040</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0010 1000</u>
<u>0041</u>	<u>Hans Tableland</u>	<u>MSSR</u>	<u>0010 1001</u>
<u>0042</u>	<u>Mt Alma</u>	<u>MSSR</u>	<u>0010 1010</u>
<u>0043</u>	<u>Swampy Ridge</u>	<u>MSSR</u>	<u>0010 1011</u>
<u>0044</u>	<u>Tabletop</u>	<u>MSSR</u>	<u>0010 1100</u>
<u>0045</u>	<u>Mt Hardgrave</u>	<u>MSSR</u>	<u>0010 1101</u>
<u>0046</u>	<u>The Round Mountain</u>	<u>MSSR</u>	<u>0010 1110</u>
<u>0047</u>	<u>Mt Boyce</u>	<u>MSSR</u>	<u>0010 1111</u>
<u>0048</u>	<u>Mt Bobbora</u>	<u>MSSR</u>	<u>0011 0000</u>
<u>0049</u>	<u>Mt Macedon</u>	<u>MSSR</u>	<u>0011 0001</u>
<u>0050</u>	<u>Summertown</u>	<u>MSSR</u>	<u>0011 0010</u>
<u>0051</u>	<u>Kalamunda</u>	<u>MSSR</u>	<u>0011 0011</u>
<u>0052</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 0100</u>
<u>0053</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 0101</u>
<u>0054</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 0110</u>
<u>0055</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 0111</u>
<u>0056</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1000</u>
<u>0057</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1001</u>
<u>0058</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1010</u>
<u>0059</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1011</u>
<u>0060</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1100</u>
<u>0061</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1101</u>
<u>0062</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1110</u>
<u>0063</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0011 1111</u>
<u>0064</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0000</u>
<u>0065</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0001</u>
<u>0066</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0010</u>
<u>0067</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0011</u>
<u>0068</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0100</u>
<u>0069</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0101</u>
<u>0070</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0110</u>
<u>0071</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 0111</u>
<u>0072</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1000</u>
<u>0073</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1001</u>
<u>0074</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1010</u>
<u>0075</u>	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1011</u>

AUSTRALIA (CONT'D)

<u>SIC (Decimal)</u>	<u>System</u>	<u>Type</u>	<u>Code (Binary)</u>
0076	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1100</u>
0077	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1101</u>
0078	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1110</u>
0079	<u>Reserved</u>	<u>Undefined</u>	<u>0100 1111</u>
0080	<u>Reserved for ADS-B</u>		<u>0101 0000</u>
0081	<u>Reserved for ADS-B</u>		<u>0101 0001</u>
0082	<u>Reserved for ADS-B</u>		<u>0101 0010</u>
0083	<u>Reserved for ADS-B</u>		<u>0101 0011</u>
0084	<u>Reserved for ADS-B</u>		<u>0101 0100</u>
0085	<u>Reserved for ADS-B</u>		<u>0101 0101</u>
0086	<u>Reserved for ADS-B</u>		<u>0101 0110</u>
0087	<u>Reserved for ADS-B</u>		<u>0101 0111</u>
0088	<u>Reserved for ADS-B</u>		<u>0101 1000</u>
0089	<u>Reserved for ADS-B</u>		<u>0101 1001</u>
0090	<u>Reserved for ADS-B</u>		<u>0101 1010</u>
0091	<u>Reserved for ADS-B</u>		<u>0101 1011</u>
0092	<u>Reserved for ADS-B</u>		<u>0101 1100</u>
0093	<u>Reserved for ADS-B</u>		<u>0101 1101</u>
0094	<u>Reserved for ADS-B</u>		<u>0101 1110</u>
0095	<u>Reserved for ADS-B</u>		<u>0101 1111</u>
0096	<u>Reserved for ADS-B</u>		<u>0110 0000</u>
0097	<u>Reserved for ADS-B</u>		<u>0110 0001</u>
0098	<u>Reserved for ADS-B</u>		<u>0110 0010</u>
0099	<u>Reserved for ADS-B</u>		<u>0110 0011</u>
0100	<u>Reserved for ADS-B</u>		<u>0110 0100</u>
0101	<u>ADS-B Test bed</u>	<u>ADS-B Ground Station</u>	<u>0110 0101</u>
0102	<u>Reserved for ADS-B</u>		<u>0110 0110</u>
0103	<u>Reserved for ADS-B</u>		<u>0110 0111</u>
0104	<u>Reserved for ADS-B</u>		<u>0110 1000</u>
0105	<u>Reserved for ADS-B</u>		<u>0110 1001</u>
0106	<u>Reserved for ADS-B</u>		<u>0110 1010</u>
0107	<u>Reserved for ADS-B</u>		<u>0110 1011</u>
0108	<u>Reserved for ADS-B</u>		<u>0110 1100</u>
0109	<u>Reserved for ADS-B</u>		<u>0110 1101</u>
0110	<u>Bundaberg (DSGK) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0110 1110</u>
0111	<u>Bundaberg (DSGK) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0110 1111</u>
0112	<u>Caiguna (CAG) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 0000</u>
0113	<u>Caiguna (CAG) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 0001</u>
0114	<u>Esperance (ESP) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 0010</u>
0115	<u>Esperance (ESP) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 0011</u>
0116	<u>Ayres Rock (AYE) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 0100</u>

AUSTRALIA (CONT'D)

<u>SIC (Decimal)</u>	<u>System</u>	<u>Type</u>	<u>Code (Binary)</u>
0117	<u>Ayres Rock (AYE) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 0101</u>
0118	<u>Warburton (WBR) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 0110</u>
0119	<u>Warburton (WBR) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 0111</u>
0120	<u>Broken Hill (BHI) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 1000</u>
0121	<u>Broken Hill (BHI) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 1001</u>
0122	<u>Jackson (JAK) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 1010</u>
0123	<u>Jackson (JAK) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 1011</u>
0124	<u>Birdsville (BDV) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 1100</u>
0125	<u>Birdsville (BDV) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 1101</u>
0126	<u>Billabong (BLB) GS#01</u>	<u>ADS-B Ground Station</u>	<u>0111 1110</u>
0127	<u>Billabong (BLB) GS#02</u>	<u>ADS-B Ground Station</u>	<u>0111 1111</u>
0128	<u>Thursday Is (TUD) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 0000</u>
0129	<u>Thursday Is (TUD) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 0001</u>
0130	<u>Meekathara (MEK) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 0010</u>
0131	<u>Meekathara (MEK) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 0011</u>
0132	<u>Oodnadatta (OOD) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 0100</u>
0133	<u>Oodnadatta (OOD) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 0101</u>
0134	<u>Karratha (KA) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 0110</u>
0135	<u>Karratha (KA) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 0111</u>
0136	<u>Longreach (LRE) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 1000</u>
0137	<u>Longreach (LRE) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 1001</u>
0138	<u>Doongan (DGN) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 1010</u>
0139	<u>Doongan (DGN) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 1011</u>
0140	<u>Woomeras (WRA) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 1100</u>
0141	<u>Woomeras (WRA) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 1101</u>

AUSTRALIA (CONT'D)

<u>SIC (Decimal)</u>	<u>System</u>	<u>Type</u>	<u>Code (Binary)</u>
<u>0142</u>	<u>Newman (NWN) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1000 1110</u>
<u>0143</u>	<u>Newman (NWN) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1000 1111</u>
<u>0144</u>	<u>Leonora (LEO) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 0000</u>
<u>0145</u>	<u>Leonora (LEO) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 0001</u>
<u>0146</u>	<u>Balgo Hills (BGO) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 0010</u>
<u>0147</u>	<u>Balgo Hills (BGO) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 0011</u>
<u>0148</u>	<u>Mt Isa (MA) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 0100</u>
<u>0149</u>	<u>Mt Isa (MA) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 0101</u>
<u>0150</u>	<u>Tennant Creek (TNK) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 0110</u>
<u>0151</u>	<u>Tennant Creek (TNK) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 0111</u>
<u>0152</u>	<u>Nullabor (NUB) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 1000</u>
<u>0153</u>	<u>Nullabor (NUB) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 1001</u>
<u>0154</u>	<u>Broome (BRM) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 1010</u>
<u>0155</u>	<u>Broome (BRM) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 1011</u>
<u>0156</u>	<u>Mornington Is. (MTI) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 1100</u>
<u>0157</u>	<u>Mornington Is. (MTI) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 1101</u>
<u>0158</u>	<u>Mt Oxley (MXL) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1001 1110</u>
<u>0159</u>	<u>Mt Oxley (MXL) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1001 1111</u>
<u>0160</u>	<u>Alice Springs (AS) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1010 0000</u>
<u>0161</u>	<u>Alice Springs (AS) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1010 0001</u>
<u>0162</u>	<u>Mt Barrow (BOW) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1010 0010</u>
<u>0163</u>	<u>Mt Barrow (BOW) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1010 0011</u>
<u>0164</u>	<u>Telfer (TEF) GS#01</u>	<u>ADS-B Ground Station</u>	<u>1010 0100</u>
<u>0165</u>	<u>Telfer (TEF) GS#02</u>	<u>ADS-B Ground Station</u>	<u>1010 0101</u>
<u>0166</u>	<u>Reserved for ADS-B</u>		<u>1010 0110</u>
<u>0167</u>	<u>Reserved for ADS-B</u>		<u>1010 0111</u>
<u>0168</u>	<u>Reserved for ADS-B</u>		<u>1010 1000</u>
<u>0169</u>	<u>Reserved for ADS-B</u>		<u>1010 1001</u>
<u>0170</u>	<u>Reserved for ADS-B</u>		<u>1010 1010</u>
<u>0171</u>	<u>Reserved for ADS-B</u>		<u>1010 1011</u>

AUSTRALIA (CONT'D)

<u>SIC (Decimal)</u>	<u>System</u>	<u>Type</u>	<u>Code (Binary)</u>
<u>0172</u>	<u>Reserved for ADS-B</u>		<u>1010 1100</u>
<u>0173</u>	<u>Reserved for ADS-B</u>		<u>1010 1101</u>
<u>0174</u>	<u>Reserved for ADS-B</u>		<u>1010 1110</u>
<u>0175</u>	<u>Reserved for ADS-B</u>		<u>1010 1111</u>
<u>0176</u>	<u>Reserved for ADS-B</u>		<u>1011 0000</u>
<u>0177</u>	<u>Reserved for ADS-B</u>		<u>1011 0001</u>
<u>0178</u>	<u>Reserved for ADS-B</u>		<u>1011 0010</u>
<u>0179</u>	<u>Reserved for ADS-B</u>		<u>1011 0011</u>
<u>0180</u>	<u>Unused</u>		<u>1011 0100</u>
<u>0181</u>	<u>Unused</u>		<u>1011 0101</u>
<u>0182</u>	<u>Unused</u>		<u>1011 0110</u>
<u>0183</u>	<u>Unused</u>		<u>1011 0111</u>
<u>0184</u>	<u>Unused</u>		<u>1011 1000</u>
<u>0185</u>	<u>Unused</u>		<u>1011 1001</u>
<u>0186</u>	<u>Unused</u>		<u>1011 1010</u>
<u>0187</u>	<u>Unused</u>		<u>1011 1011</u>
<u>0188</u>	<u>Unused</u>		<u>1011 1100</u>
<u>0189</u>	<u>Unused</u>		<u>1011 1101</u>
<u>0190</u>	<u>Unused</u>		<u>1011 1110</u>
<u>0191</u>	<u>Unused</u>		<u>1011 1111</u>
<u>0192</u>	<u>Unused</u>		<u>1100 0000</u>
<u>0193</u>	<u>Unused</u>		<u>1100 0001</u>
<u>0194</u>	<u>Unused</u>		<u>1100 0010</u>
<u>0195</u>	<u>Unused</u>		<u>1100 0011</u>
<u>0196</u>	<u>Unused</u>		<u>1100 0100</u>
<u>0197</u>	<u>Unused</u>		<u>1100 0101</u>
<u>0198</u>	<u>Unused</u>		<u>1100 0110</u>
<u>0199</u>	<u>Unused</u>		<u>1100 0111</u>
<u>0200</u>	<u>Unused</u>		<u>1100 1000</u>
<u>0201</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1100 1001</u>
<u>0202</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1100 1010</u>
<u>0203</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1100 1011</u>
<u>0204</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1100 1100</u>
<u>0205</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1100 1101</u>
<u>0206</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1100 1110</u>
<u>0207</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1100 1111</u>
<u>0208</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0000</u>
<u>0209</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0001</u>
<u>0210</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0010</u>
<u>0211</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0011</u>
<u>0212</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0100</u>
<u>0213</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0101</u>
<u>0214</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0110</u>
<u>0215</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0111</u>
<u>0216</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 1000</u>
<u>0215</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 0111</u>

AUSTRALIA (CONT'D)

<u>SIC (Decimal)</u>	<u>System</u>	<u>Type</u>	<u>Code (Binary)</u>
<u>0216</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 1000</u>
<u>0217</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 1001</u>
<u>0218</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 1010</u>
<u>0219</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 1011</u>
<u>0220</u>	<u>Reserved for Military</u>	<u>Reserved - Restricted</u>	<u>1101 1100</u>
<u>0221</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1101 1101</u>
<u>0222</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1101 1110</u>
<u>0223</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1101 1111</u>
<u>0224</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0000</u>
<u>0225</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0001</u>
<u>0226</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0010</u>
<u>0227</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0011</u>
<u>0228</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0100</u>
<u>0229</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0101</u>
<u>0230</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0110</u>
<u>0231</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 0111</u>
<u>0232</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1000</u>
<u>0233</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1001</u>
<u>0234</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1010</u>
<u>0235</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1011</u>
<u>0236</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1100</u>
<u>0237</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1101</u>
<u>0238</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1110</u>
<u>0239</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1110 1111</u>
<u>0240</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1111 0000</u>
<u>0241</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1111 0001</u>
<u>0242</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1111 0010</u>
<u>0243</u>	<u>Reserved</u>	<u>Reserved</u>	<u>1111 0011</u>
<u>0244</u>	<u>Reserved</u>		
<u>0245</u>	<u>Reserved</u>		
<u>0246</u>	<u>Reserved</u>		
<u>0247</u>	<u>Reserved</u>		
<u>0248</u>	<u>Reserved</u>		
<u>0249</u>	<u>Reserved</u>		
<u>0250</u>	<u>Reserved</u>		
<u>0251</u>	<u>Reserved</u>		
<u>0252</u>	<u>Reserved</u>		
<u>0253</u>	<u>Reserved</u>		
<u>0254</u>	<u>Reserved</u>		
<u>0255</u>	<u>Reserved</u>		

**BRUNEI DARUSSALAM**

	<b>Radar in Terminal Area</b>		
<b>SIC</b>	<b>Radar Data System</b>	<b>Radar Type</b>	<b>Code Binary</b>
1	Brunei Terminal Area Radar	PSR/MSSR	0000 0001

## CHINA

<b>SIC (Decimal)</b>	<b>Radar Data Source</b>	<b>Code (Binary)</b>
0 ~127	Reserved for non-civil aviation user	
<b>Flight Information Regions</b>		
128	Beijing FIR	1000 0000
129	Shanghai FIR	1000 0001
130	Shenyang FIR	1000 0010
131	Wuhan FIR	1000 0011
132	Guangzhou FIR	1000 0100
133	Kunming FIR	1000 0101
134	Lanzhou FIR	1000 0110
135	Urumqi FIR	1000 0111
136	Hongkong FIR	1000 1000
137	Taipei FIR	1000 1001
138-143	Reserved	
<b>Air Traffic</b>		
144	<b>Shenyang ACC</b>	1001 0000
145	Harbin ACC	1001 0001
146	Hailar ACC	1001 0010
147	Dalian ACC	1001 0011
148	Beijing ACC	1001 0100
149	Hohhot ACC	1001 0101
150	Taiyuan ACC	1001 0110
151	Shanghai ACC	1001 0111
152	Jinan ACC	1001 1000
153	Hefei ACC	1001 1001
154	Nanchang ACC	1001 1010
155	Xiamen ACC	1001 1011
156	Wuhan ACC	1001 1100
157	Zhengzhou ACC	1001 1101
158	Guangzhou ACC	1001 1110
159	Changsha ACC	1001 1111
160	Nanning ACC	1010 0000
161	Kunming ACC	1010 0001
162	Guiyang ACC	1010 0010
163	Chengdu ACC	1010 0011
164	Xi-an ACC	1010 0100
165	Lanzhou ACC	1010 0101
166	Urumqi ACC	1010 0110
167	Guilin ACC	1010 0111
168	Hongkong ACC	1010 1000
169	Qing Dao ACC	1010 1001
170	Taipei ACC	1010 1010
171-191	Reserved	

## CHINA (CONT'D)

Radar Station			
192	Beijing-1	SSR	1100 0000
193	Beijing-2	PSR/SSR	1100 0001
194	Beijing-3	PSR/SSR	1100 0010
195	Tianjin	SSR	1100 0011
196	Taiyuan	SSR	1100 0100
197	Hohhot	SSR	1100 0101
198	Guangzhou-1	PSR/SSR	1100 0110
199	Guangzhou-2	SSR	1100 0111
200	Shenzhen	PSR/SSR	1100 1000
201	Sanya	PSR/SSR	1100 1001
202	Changsha	SSR	1100 1010
203	Enshi	SSR	1100 1011
204	Wuhan	PSR/SSR	1100 1100
205	Zhengzhou -1	PSR/SSR	1100 1101
206	Zhengzhou -2	PSR/SSR	1100 1110
207	Guilin	SSR	1100 1111
208	Nanning	SSR	1101 0000
209	Shantou	SSR	1101 0001
210	Zhuhai	PSR/SSR	1101 0010
211	Haikou	PSR/SSR	1101 0011
212	Kunming	SSR	1101 0100
213	Chengdu	PSR/SSR	1101 0101
214	Guiyang -1	SSR	1101 0110
215	Guiyang -2	PSR/SSR	1101 0111
216	Chongqing	PSR/SSR	1101 1000
217	Shanghai -1	PSR/SSR	1101 1001
218	Shanghai -2	SSR	1101 1010
219	Shanghai -3	PSR	1101 1011
220	Hefei	SSR	1101 1100
221	Fuzhou	SSR	1101 1101
222	Xiamen	PSR/SSR	1101 1110
223	Lianyungang	SSR	1101 1111
224	Nanjing	PSR/SSR	1110 0000
225	Shenyang	PSR/SSR	1110 0001
226	Dalian	PSR/SSR	1110 0010
227	Xi'an	SSR	1110 0011
228	Lanzhou	SSR	1110 0100
229	Nanchang	SSR	1110 0101
230	Qingdao	SSR	1110 0110
231	Jinan	SSR	1110 0111
232	Urumqi	PSR/SSR	1110 1000
233	Harbin	PSR/SSR	1110 1001
234-258	Reserved		

**HONG KONG, CHINA**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Radars in Terminal Areas</b>			
001	Tai Mo Shan Terminal Area Radar	PSR/MSSR	0000 0001
002	Sha Chau Approach Surveillance Radar	PSR/MSSR	0000 0010
003	Beacon Hill Approach Secondary Surveillance Radar	MSSR	0000 0011
<del>011</del>	<del>Beacon Hill Approach Surveillance</del>	<del>PSR</del>	<del>0000 1011</del>
<b>Radars in En-Route Airspace</b>			
101	Mount Parker Route Secondary Surveillance Radar	MSSR	0110 0101
111	Mount Parker Route surveillance Radar	PSR	0110 1111

**MACAO, CHINA**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Radars Systems</b>			
001	Coloane Approach Surveillance Radar	PSR/MSSR	1111 0001
002	Reserved for other Radar		
003	Reserved for other Radar		
004	Reserved for other Radar		
005	Reserved for other Radar		

LAOS

<u>SIC</u> <u>(Decimal)</u>	<u>Radar Data System</u>	<u>Radar type</u>	<u>Code</u> <u>(Binary)</u>
<u>Radar in Terminal Areas</u>			
<u>001</u>	<u>Vientiane Terminal Area Radar</u>	<u>PSR/MSSR</u>	<u>0000 0001</u>
<u>Radar in En-Route Airspace</u>			
<u>002</u>	<u>Savannakhet Secondary Surveillance Radar</u>	<u>MSSR</u>	<u>1000 0100</u>

**INDONESIA**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Terminal areas and en-route airspace</b>			
001	Medan	PRS/SSR	0000 0001
002	Pekanbaru	PSR/SSR	0000 0010
003	Tanjung Pinang	PSR/SSR	0000 0011
004	Palembang	PSR/SSR	0000 0100
005	Jakarta/CGK	PSR/MSSR	0000 0101
006	Pontianak	PSR/SSR	0000 0110
007	Yogyakarta	PSR/MSSR	0000 0111
008	Surabaya	PSR/SSR	0000 1000
009	Makassar	PSR/SSR	0000 1001
010	Benjarmasin	PSR/SSR	0000 1010
011	Balikpapan	PSR/SSR	0000 1011
012	Denpasar	PSR/MSSR	0000 1100
013	Biak	PSR/SSR	0000 1101
<b>En-route airspace</b>			
101	Banda Aceh	SSR	0110 0101
102	Natuna	MSSR	0110 0110
103	Jakarta/HLP	SSR	0110 0111
104	Semarang	SSR	0110 1000
105	Manado	SSR	0110 1001
106	Kendari	SSR	0110 1010
107	Waingapu	SSR	0110 1011
108	Ambon	SSR	0110 1100
<b>Processing systems</b>			
201	Jakarta/CGK		1100 1001
202	Medan		1100 1010
203	Denpasar		1100 1011
204	Makassar		1100 1100
205	Yogyakarta		1100 1101

**NEW ZEALAND**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Radars Systems</b>			
001	Auckland	PSR	0000 0001
002	Rua-o-te-whenua	SSR	0000 0010
003	Te Weraiti	SSR	0000 0011
004	Balance	SSR	0000 0100
005	Ohakea	PSR	0000 0101
006	Hawkins Hill	PSR/SSR	0000 0110
007	Mt. Robertson	SSR	0000 0111
008	Christchurch	PSR	0000 1000
009	Cass Peak	SSR	0000 1001

**PAPUA NEW GUINEA**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar Type</b>	<b>Code (Binary)</b>
	Radar in Terminal Area	PSR/SSR	000 0001
001	Port Moresby Approach		

PHILIPPINES

<u>SIC (Decimal)</u>	<u>Radar Data System</u>	<u>Radar Type</u>	<u>Code (Binary)</u>
<u>Radars in Terminal Areas</u>			
<u>001</u>	<u>Manila</u>	<u>PSR/MSSR</u>	<u>0000 0001</u>
<u>002</u>	<u>Mactan</u>	<u>PSR/SSR</u>	<u>0000 0010</u>
<u>003</u>	<u>Subic</u>	<u>PSR/SSR</u>	<u>0000 0011</u>
<u>004</u>	<u>Clark*</u>	<u>PSR/MSSR</u>	<u>0000 0100</u>
<u>Radars in En-Route Airspace</u>			
<u>101</u>	<u>Tagaytay</u>	<u>SSR**</u>	<u>0110 0101</u>
<u>102</u>	<u>Laoag</u>	<u>MSSR</u>	<u>0110 0110</u>
<u>103</u>	<u>Mt. Luay, Cebu</u>	<u>MSSR</u>	<u>0110 0111</u>
<u>104</u>	<u>Palawan</u>	<u>***</u>	<u>0110 1000</u>
<u>105</u>	<u>Samal, Davao</u>	<u>***</u>	<u>0110 1001</u>
<u>106</u>	<u>Zamboanga</u>	<u>***</u>	<u>0110 1010</u>
<u>Radar Data Processing System</u>			
<u>201</u>	<u>Manila APP – TRDP</u>		<u>1100 1001</u>
<u>202</u>	<u>Mactan APP – TRDP</u>		<u>1100 1010</u>
<u>203</u>	<u>Subic APP – TRDP</u>		<u>1100 1011</u>
<u>204</u>	<u>Clark APP – TRDP*</u>		<u>1100 1100</u>
<u>205</u>	<u>Manila ACC – RDP</u>		<u>1100 1101</u>
<u>206</u>	<u>Manila ACC – Wide Area TRDP***</u>		<u>1100 1110</u>
<u>207</u>	<u>Manila ACC – ERDP ***</u>		<u>1100 1111</u>

**Note:**

\* For installation in 2004

\*\* To be replaced in the CNS/ATM implementation; either MSSR or Mode - S

\*\*\* For installation in the CNS/ATM implementation; either MSSR or Mode - S

**REPUBLIC OF KOREA**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Radars in Terminal Areas</b>			
001	Kimpo	PSR/MSSR	0000 0001
005	Kimhae	PSR/SSR	0000 0101
010	Cheju	PSR/MSSR	0000 1010
015	Inchon	PSR/MSSR (new installation)	0000 1111
020/025	Reserved for other Radar		
031/050	Reserved for Military Radars		
<b>Radars in En-Route Airspace</b>			
119/138	Reserved for En-Route (Planned)		
<b>Processing Systems</b>			
210	Taegu ACC		1101 0010
215	Kimpo ARTS		1101 0111
220	Kimhae ARTS		1101 1100
225	Cheju ARTS		1110 0001
230	Inchon ARTS		1110 0110
236/255	Reserved for Military ARTS		

**SINGAPORE**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Radars in Terminal Areas</b>			
001	ASR 1	PSR/MSSR	0000 0001
002	ASR 2	PSR/MSSR	0000 0010
005	LSR	PSR/MSSR	0000 0101
<b>Processing System</b>			
065	ATCC – RDPA		0100 0001
066	ATCC – RDPB		0100 0010

**SRI LANKA**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Radars in Terminal Areas</b>			
001	Bandaranaike International Airport Colomblo	PSR	0000 0001
<b>Radars in En-Route Airspace</b>			
011	Pidurutalagala	PSR/MSSR	0000 1011
021	Area Control Centre - Ratmalana Airport Colombo		0001 0101
022	Approach Control Centre - Bandaranaike International Airport, Colombo		0001 0110

**THAILAND**

<b>SIC (Decimal)</b>	<b>Radar Data System</b>	<b>Radar type</b>	<b>Code (Binary)</b>
<b>Radars in Terminal Areas and En-Route Airspace</b>			
001	Donmuang	PSR/MSSR	0000 0001
006	Chiangmai	PSR/MSSR	0000 0110
007	Mae Hong Son	MSSR	0000 0111
012	Ubonratchathani	MSSR	0000 1100
016	Suratthani	PSR	0001 0000
021	Phuket	PSR	0001 0101
026	Hatyai	MSSR	00011010
<b>Processing System</b>			
228	ATCC – RDPA		1110 0100
229	ATCC – RDPB		1110 0101

## VIETNAM

SIC (Decimal)	Radar Data System	Radar type	Code (Binary)
<b>Radars in Terminal Areas and En-Route Airspace</b>			
001	Noi Bai/Ha Noi (Radar Data head 1)	PSR/MSSR	0000 0001
002	Son Tra/Da Nang	PSR/MSSR	0000 0010
003	Tan son Nhat/Ho chi Minh	PSR/MSSR	0000 0011
<b>Radars in En-Route Airspace</b>			
131	Noi Bai/Ha Noi (Radar Data Head 2)	PSR/SSR	1000 0011
132	Vinh	MSSR	1000 0100
133	Qui Nhon	MSSR	1000 0101
134	Ca Mau	MSSR	1000 0110
<b>Processing Systems</b>			
221	ATCC - RDP Noi Bai/Ha Noi		1101 1101
222	ATCC - RDP Tan Son Nhat/Ho Chi Minh		1101 1110