

**D.Table 6.3-5 Circuit Calculation for National Trunk Network**

	2005E								2005 Demand Base							
	Fix CCT	Fix IP	Equiv. E-1	Mobile	Equiv. E-1	Inter net	Equiv. E-1	Total E-1	Fix CCT	Fix IP	Equiv. E-1	Mobile	Equiv. E-1	Inter net	Equiv. E-1	Total E-1
AA (NSC) - 2 Nazareth	580	631.7	23	217.2	4	524.9	2	<b>29</b>	580	1761	28		4		2	<b>34</b>
AA (NSC) - 5 Dire Dawa	660	734.9	26	130.9	3	313.6	2	<b>31</b>	660	690.9	26		3		2	<b>31</b>
AA (NSC) - 6 Shashemine	1040	1159	40	165.7	3	398.7	2	<b>45</b>	1040	943.6	40		3		2	<b>45</b>
AA (NSC) - 7 Nekempte	250	266	10	50.3	1	119.4	1	<b>12</b>	250	389.3	11		1		1	<b>14</b>
AA (NSC) - 7 Jimma	520	558.5	20	79.1	2	188.2	1	<b>23</b>	520	772.7	22		2		1	<b>25</b>
AA (NSC) - 3 Dessie	530	568.3	21	106.1	2	263.8	1	<b>24</b>	530	661.2	22		2		1	<b>25</b>
AA (NSC) - 4 Mekele	780	724.6	30	212.4	4	513.2	2	<b>36</b>	680	1374	30		4		2	<b>36</b>
AA (NSC) - 8 Bahir Dar	610	672.5	24	254.9	5	619.1	3	<b>32</b>	610	1777	29		5		3	<b>37</b>

	2010								2015								2020							
	Fix CCT	Fix IP	Equiv. E-1	Mobile	Equiv. E-1	Inter net	Equiv. E-1	Total E-1	Fix CCT	Fix IP	Equiv. E-1	Mobile	Equiv. E-1	Inter net	Equiv. E-1	Total E-1	Fix CCT	Fix IP	Equiv. E-1	Mobile	Equiv. E-1	Inter net	Equiv. E-1	Total E-1
AA (NSC) - 2 Nazareth	580	1839	28	266.9	5	653.1	3	<b>36</b>	580	2560	31	405.3	2	882.9	3	<b>36</b>	580	3354	35	613.7	3	1135	4	<b>42</b>
AA (NSC) - 5 Dire Dawa	660	1538	29	242.8	5	593.4	2	<b>36</b>	660	1998	31	344	2	747.2	3	<b>36</b>	660	2466	34	489.9	2	901.6	4	<b>40</b>
AA (NSC) - 6 Shashemine	1040	1697	43	301.1	6	739.2	3	<b>52</b>	1040	2225	45	421	2	918	4	<b>51</b>	1040	2705	47	584.9	3	1080	4	<b>54</b>
AA (NSC) - 7 Nekempte	250	422.2	11	76.2	2	184.3	1	<b>14</b>	250	558.7	11	107.8	1	231.1	1	<b>13</b>	250	685.4	12	150.9	1	274.8	1	<b>14</b>
AA (NSC) - 7 Jimma	520	842	22	152.6	3	370.5	2	<b>27</b>	520	1119	23	215.4	1	464.7	2	<b>26</b>	520	1378	24	302	2	552.3	2	<b>28</b>
AA (NSC) - 3 Dessie	530	816.2	22	250.6	5	376.5	2	<b>29</b>	530	1205	24	235.1	1	507.7	2	<b>27</b>	530	1627	26	355.8	2	651.8	3	<b>31</b>
AA (NSC) - 4 Mekele	680	2186	33	320.4	6	787.9	3	<b>42</b>	680	2935	36	474.5	2	1038	4	<b>42</b>	680	3740	40	704.4	3	1307	5	<b>48</b>
AA (NSC) - 8 Bahir Dar	610	2829	33	376.4	7	939.3	4	<b>44</b>	610	3844	38	569.7	2	1253	5	<b>45</b>	610	3818	38	861.3	3	1609	6	<b>47</b>

Transmit by Packet (1/10)