



Timetable in Railways

AH2026 Railway Traffic - Market and Planning, BC

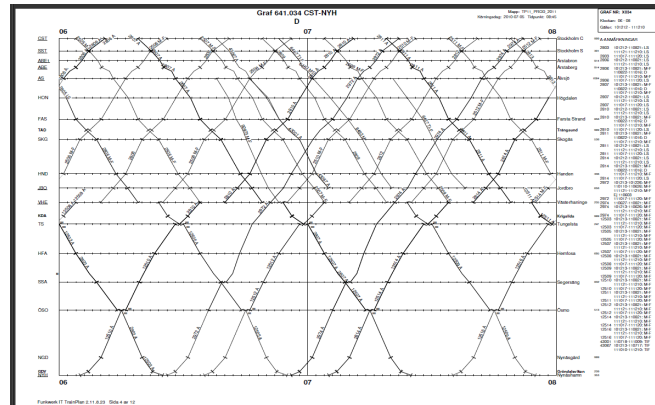


Timetable, ordinary view

| J35 | | | | | Bålsta-Nynäshamn | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------------------|------|------|------|------|--------|------|------|------|------|------|------|--|--|--|-----------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|---------|------|------|------|------|------|------|------|------|------|------------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|---------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|
| Allt lägrast: Västervik-Nynäshamn inställt 5/7-22/9 2010 (Enslättstreckens) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Gällighetsid 21 jan - 11 dec 2020</p> <p>Noter a) Tåg nr 18-24 och 19-24 ej tillgånge fr.o.m 23/9 2020 b) Tåg nr 19-24 ej tillgånge fr.o.m 23/9 2020 c) Tåg nr 20-24 och 21-24 tillgånge fr.o.m 25/9-22/10 2020 d) Tåg nr 21-24 och 22-24 tillgånge fr.o.m 25/9-22/10 2020 e) Tåg nr 22-24 och 23-24 tillgånge fr.o.m 25/9-22/10 2020 f) Tåg nr 23-24 och 24-24 tillgånge fr.o.m 25/9-22/10 2020 g) Tåg nr 24-24 tillgånge fr.o.m 25/9-22/10 2020 h) 6/7 ersätts med buss</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>J35 Måndag-fredag</p> <table border="1"> <tr> <td>Bålsta</td><td>5:09</td><td>5:35</td><td>6:00</td><td>6:30</td><td>6:59</td><td>7:09</td><td></td><td></td><td></td></tr> <tr> <td>Waxholmen</td><td>5:15</td><td>5:38</td><td>6:01</td><td>6:25</td><td>6:46</td><td>6:55</td><td>7:06</td><td>7:34</td><td>7:36</td></tr> <tr> <td>Katthult</td><td>5:24</td><td>5:39</td><td>5:54</td><td>6:09</td><td>6:24</td><td>6:39</td><td>6:54</td><td>7:09</td><td>7:24</td></tr> <tr> <td>Jönköping</td><td>5:30</td><td>5:45</td><td>6:00</td><td>6:15</td><td>6:30</td><td>6:45</td><td>6:59</td><td>7:13</td><td>7:27</td></tr> <tr> <td>Barkarby</td><td>5:31</td><td>5:46</td><td>6:01</td><td>6:16</td><td>6:31</td><td>6:46</td><td>6:59</td><td>7:13</td><td>7:27</td></tr> <tr> <td>Sjösten</td><td>5:34</td><td>5:49</td><td>6:04</td><td>6:19</td><td>6:34</td><td>6:49</td><td>7:04</td><td>7:19</td><td>7:34</td></tr> <tr> <td>Sandbyarna</td><td>5:39</td><td>5:54</td><td>6:09</td><td>6:24</td><td>6:39</td><td>6:54</td><td>7:09</td><td>7:24</td><td>7:39</td></tr> <tr> <td>Katthult</td><td>5:40</td><td>5:55</td><td>6:10</td><td>6:25</td><td>6:40</td><td>6:55</td><td>7:10</td><td>7:25</td><td>7:40</td></tr> <tr> <td>Waxholmen C</td><td>5:41</td><td>6:02</td><td>6:17</td><td>6:38</td><td>7:02</td><td>7:14</td><td>7:29</td><td>7:52</td><td>7:54</td></tr> <tr> <td>Stå Stockholms C</td><td>5:50</td><td>6:00</td><td>6:10</td><td>6:20</td><td>6:30</td><td>6:40</td><td>6:50</td><td>7:00</td><td>7:10</td></tr> <tr> <td>Stockholms S</td><td>5:52</td><td>6:02</td><td>6:12</td><td>6:22</td><td>6:32</td><td>6:42</td><td>6:52</td><td>7:02</td><td>7:12</td></tr> <tr> <td>Åkersberg</td><td>5:55</td><td>6:05</td><td>6:15</td><td>6:25</td><td>6:35</td><td>6:45</td><td>6:55</td><td>7:05</td><td>7:15</td></tr> <tr> <td>Årsjö</td><td>5:58</td><td>6:08</td><td>6:18</td><td>6:28</td><td>6:38</td><td>6:48</td><td>6:58</td><td>7:08</td><td>7:18</td></tr> <tr> <td>Falun strand</td><td>5:58</td><td>6:08</td><td>6:18</td><td>6:28</td><td>6:38</td><td>6:48</td><td>6:58</td><td>7:08</td><td>7:18</td></tr> <tr> <td>Trångsund</td><td>5:58</td><td>6:08</td><td>6:18</td><td>6:28</td><td>6:38</td><td>6:48</td><td>6:58</td><td>7:08</td><td>7:18</td></tr> <tr> <td>Skogås</td><td>5:59</td><td>6:09</td><td>6:19</td><td>6:29</td><td>6:39</td><td>6:49</td><td>6:59</td><td>7:09</td><td>7:19</td></tr> <tr> <td>Norden</td><td>6:03</td><td>6:13</td><td>6:23</td><td>6:33</td><td>6:43</td><td>6:53</td><td>7:03</td><td>7:13</td><td>7:23</td></tr> <tr> <td>Järövå</td><td>6:06</td><td>6:16</td><td>6:26</td><td>6:36</td><td>6:46</td><td>6:56</td><td>7:06</td><td>7:16</td><td>7:26</td></tr> <tr> <td>Waxholmen C</td><td>6:09</td><td>6:19</td><td>6:29</td><td>6:39</td><td>6:49</td><td>6:59</td><td>7:09</td><td>7:19</td><td>7:29</td></tr> <tr> <td>Waxholmen</td><td>6:14</td><td>6:24</td><td>6:34</td><td>6:44</td><td>6:54</td><td>7:04</td><td>7:14</td><td>7:24</td><td>7:34</td></tr> <tr> <td>Knipsta</td><td>6:16</td><td>6:26</td><td>6:36</td><td>6:46</td><td>6:56</td><td>7:06</td><td>7:16</td><td>7:26</td><td>7:36</td></tr> <tr> <td>Torsås</td><td>6:18</td><td>6:28</td><td>6:38</td><td>6:48</td><td>6:58</td><td>7:08</td><td>7:18</td><td>7:28</td><td>7:38</td></tr> <tr> <td>Herrfors</td><td>6:20</td><td>6:30</td><td>6:40</td><td>6:50</td><td>7:00</td><td>7:10</td><td>7:20</td><td>7:30</td><td>7:40</td></tr> <tr> <td>Segerstad</td><td>6:22</td><td>6:32</td><td>6:42</td><td>6:52</td><td>7:02</td><td>7:12</td><td>7:22</td><td>7:32</td><td>7:42</td></tr> <tr> <td>Örnsköldsvik</td><td>6:24</td><td>6:34</td><td>6:44</td><td>6:54</td><td>7:04</td><td>7:14</td><td>7:24</td><td>7:34</td><td>7:44</td></tr> <tr> <td>Nynäshamn</td><td>6:26</td><td>6:36</td><td>6:46</td><td>6:56</td><td>7:06</td><td>7:16</td><td>7:26</td><td>7:36</td><td>7:46</td></tr> </table> | | | | | | | | | | Bålsta | 5:09 | 5:35 | 6:00 | 6:30 | 6:59 | 7:09 | | | | Waxholmen | 5:15 | 5:38 | 6:01 | 6:25 | 6:46 | 6:55 | 7:06 | 7:34 | 7:36 | Katthult | 5:24 | 5:39 | 5:54 | 6:09 | 6:24 | 6:39 | 6:54 | 7:09 | 7:24 | Jönköping | 5:30 | 5:45 | 6:00 | 6:15 | 6:30 | 6:45 | 6:59 | 7:13 | 7:27 | Barkarby | 5:31 | 5:46 | 6:01 | 6:16 | 6:31 | 6:46 | 6:59 | 7:13 | 7:27 | Sjösten | 5:34 | 5:49 | 6:04 | 6:19 | 6:34 | 6:49 | 7:04 | 7:19 | 7:34 | Sandbyarna | 5:39 | 5:54 | 6:09 | 6:24 | 6:39 | 6:54 | 7:09 | 7:24 | 7:39 | Katthult | 5:40 | 5:55 | 6:10 | 6:25 | 6:40 | 6:55 | 7:10 | 7:25 | 7:40 | Waxholmen C | 5:41 | 6:02 | 6:17 | 6:38 | 7:02 | 7:14 | 7:29 | 7:52 | 7:54 | Stå Stockholms C | 5:50 | 6:00 | 6:10 | 6:20 | 6:30 | 6:40 | 6:50 | 7:00 | 7:10 | Stockholms S | 5:52 | 6:02 | 6:12 | 6:22 | 6:32 | 6:42 | 6:52 | 7:02 | 7:12 | Åkersberg | 5:55 | 6:05 | 6:15 | 6:25 | 6:35 | 6:45 | 6:55 | 7:05 | 7:15 | Årsjö | 5:58 | 6:08 | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | Falun strand | 5:58 | 6:08 | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | Trångsund | 5:58 | 6:08 | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | Skogås | 5:59 | 6:09 | 6:19 | 6:29 | 6:39 | 6:49 | 6:59 | 7:09 | 7:19 | Norden | 6:03 | 6:13 | 6:23 | 6:33 | 6:43 | 6:53 | 7:03 | 7:13 | 7:23 | Järövå | 6:06 | 6:16 | 6:26 | 6:36 | 6:46 | 6:56 | 7:06 | 7:16 | 7:26 | Waxholmen C | 6:09 | 6:19 | 6:29 | 6:39 | 6:49 | 6:59 | 7:09 | 7:19 | 7:29 | Waxholmen | 6:14 | 6:24 | 6:34 | 6:44 | 6:54 | 7:04 | 7:14 | 7:24 | 7:34 | Knipsta | 6:16 | 6:26 | 6:36 | 6:46 | 6:56 | 7:06 | 7:16 | 7:26 | 7:36 | Torsås | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | 7:28 | 7:38 | Herrfors | 6:20 | 6:30 | 6:40 | 6:50 | 7:00 | 7:10 | 7:20 | 7:30 | 7:40 | Segerstad | 6:22 | 6:32 | 6:42 | 6:52 | 7:02 | 7:12 | 7:22 | 7:32 | 7:42 | Örnsköldsvik | 6:24 | 6:34 | 6:44 | 6:54 | 7:04 | 7:14 | 7:24 | 7:34 | 7:44 | Nynäshamn | 6:26 | 6:36 | 6:46 | 6:56 | 7:06 | 7:16 | 7:26 | 7:36 | 7:46 |
| Bålsta | 5:09 | 5:35 | 6:00 | 6:30 | 6:59 | 7:09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waxholmen | 5:15 | 5:38 | 6:01 | 6:25 | 6:46 | 6:55 | 7:06 | 7:34 | 7:36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katthult | 5:24 | 5:39 | 5:54 | 6:09 | 6:24 | 6:39 | 6:54 | 7:09 | 7:24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jönköping | 5:30 | 5:45 | 6:00 | 6:15 | 6:30 | 6:45 | 6:59 | 7:13 | 7:27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barkarby | 5:31 | 5:46 | 6:01 | 6:16 | 6:31 | 6:46 | 6:59 | 7:13 | 7:27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sjösten | 5:34 | 5:49 | 6:04 | 6:19 | 6:34 | 6:49 | 7:04 | 7:19 | 7:34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sandbyarna | 5:39 | 5:54 | 6:09 | 6:24 | 6:39 | 6:54 | 7:09 | 7:24 | 7:39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katthult | 5:40 | 5:55 | 6:10 | 6:25 | 6:40 | 6:55 | 7:10 | 7:25 | 7:40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waxholmen C | 5:41 | 6:02 | 6:17 | 6:38 | 7:02 | 7:14 | 7:29 | 7:52 | 7:54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stå Stockholms C | 5:50 | 6:00 | 6:10 | 6:20 | 6:30 | 6:40 | 6:50 | 7:00 | 7:10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stockholms S | 5:52 | 6:02 | 6:12 | 6:22 | 6:32 | 6:42 | 6:52 | 7:02 | 7:12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Åkersberg | 5:55 | 6:05 | 6:15 | 6:25 | 6:35 | 6:45 | 6:55 | 7:05 | 7:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Årsjö | 5:58 | 6:08 | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Falun strand | 5:58 | 6:08 | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trångsund | 5:58 | 6:08 | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skogås | 5:59 | 6:09 | 6:19 | 6:29 | 6:39 | 6:49 | 6:59 | 7:09 | 7:19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Norden | 6:03 | 6:13 | 6:23 | 6:33 | 6:43 | 6:53 | 7:03 | 7:13 | 7:23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Järövå | 6:06 | 6:16 | 6:26 | 6:36 | 6:46 | 6:56 | 7:06 | 7:16 | 7:26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waxholmen C | 6:09 | 6:19 | 6:29 | 6:39 | 6:49 | 6:59 | 7:09 | 7:19 | 7:29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waxholmen | 6:14 | 6:24 | 6:34 | 6:44 | 6:54 | 7:04 | 7:14 | 7:24 | 7:34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Knipsta | 6:16 | 6:26 | 6:36 | 6:46 | 6:56 | 7:06 | 7:16 | 7:26 | 7:36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Torsås | 6:18 | 6:28 | 6:38 | 6:48 | 6:58 | 7:08 | 7:18 | 7:28 | 7:38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Herrfors | 6:20 | 6:30 | 6:40 | 6:50 | 7:00 | 7:10 | 7:20 | 7:30 | 7:40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Segerstad | 6:22 | 6:32 | 6:42 | 6:52 | 7:02 | 7:12 | 7:22 | 7:32 | 7:42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Örnsköldsvik | 6:24 | 6:34 | 6:44 | 6:54 | 7:04 | 7:14 | 7:24 | 7:34 | 7:44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nynäshamn | 6:26 | 6:36 | 6:46 | 6:56 | 7:06 | 7:16 | 7:26 | 7:36 | 7:46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Ordinary public timetable. It shows the time when the trains departs (sometimes arrives) From (to) the stations.

Graphical timetable



The graphical timetable is a time distance diagram. Every train is line that shows it's movement along the line. The angle shows the speed. Every train has a train-number to identify it. On the double-track (top) the trains can meet between the stations. On the single-track (bottom) the trains need to meet on the stations.

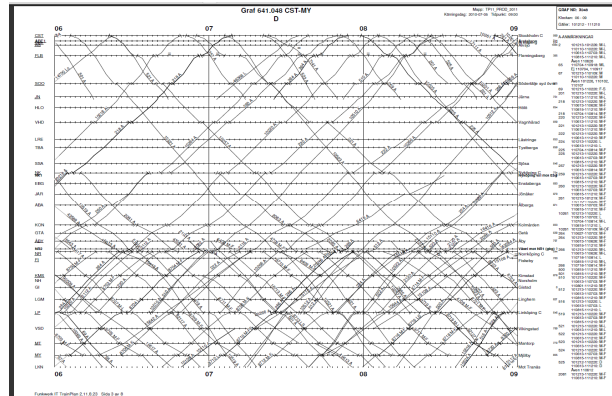
Timetable, ordinary view



| 80 Stockholm-Malmö-København | | Årsplan Stockholm-Lindköping tab 81, Årsplan Ljungby-Munkfors-Torshovs Län 79, Transjö-Norljung tab 82, Årsplan Alsterås tab 83, Årsplan Malmö-Helsingfors tab 95, Helsingfors-Malmö tab 96, Årsplan København tab 101 | | | | | | | | | | | | | | |
|------------------------------|-----|--|---|----|------|------|-----|-----|-----|---|---|----|------|-----|-----|-----|
| Årsplan 11.02.2016 | | Sön | M | T | On | Tors | Fre | Lör | Sön | M | T | On | Tors | Fre | Lör | Sön |
| Årsplan 11.02.2016 | Sön | M | T | On | Tors | Fre | Lör | Sön | Sön | M | T | On | Tors | Fre | Lör | Sön |
| Årsplan 11.02.2016 | Sön | M | T | On | Tors | Fre | Lör | Sön | Sön | M | T | On | Tors | Fre | Lör | Sön |
| Årsplan 11.02.2016 | Sön | M | T | On | Tors | Fre | Lör | Sön | Sön | M | T | On | Tors | Fre | Lör | Sön |

A more complex timetable – but the same structure. This one also shows train-type, train-number, day of operation, distance along the line and connecting trains.

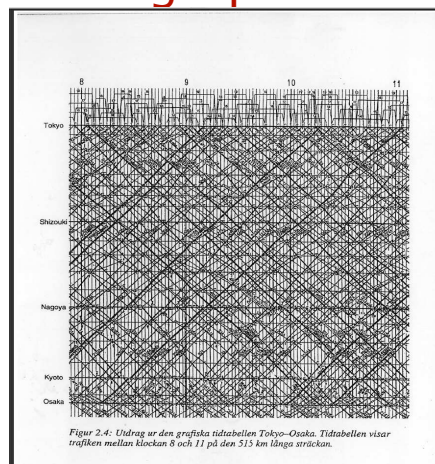
Graphical timetable



A more complex graphical timetable – but the same structure. Different train-types, different speeds and different stopping-patterns make it more complicated.

5

Japanese graphical timetable

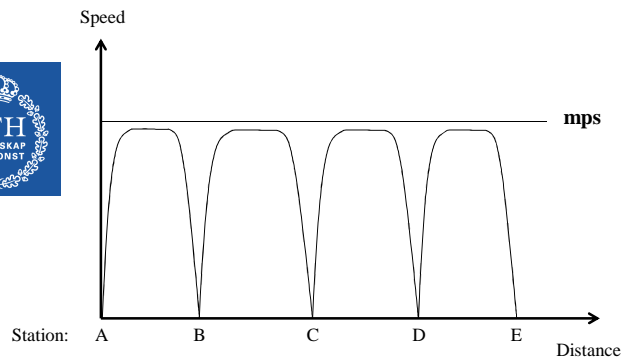


Figur 2.4: Utdrag ur den grafiska tidtabellen Tokyo-Osaka. Tidtabellen visar trafiken mellan klockan 8 och 11 på den 515 km långa sträckan.

A Japanese graphical timetable for the Shinkansen-train. Two train-types (270 and 220 km/h) in three different stopping patterns. It requires good precision and quality in the Rail operation.

6

Calculation of Running times



$$\begin{aligned} & \text{Running time (max speed)} \\ & + x * \text{add acceleration time} \\ & + y * \text{add retardation time} \\ & + z * \text{station stop time} \\ & \underline{+ \text{delay correction time (\%)}} \\ & \text{Calc running time between station} \end{aligned}$$