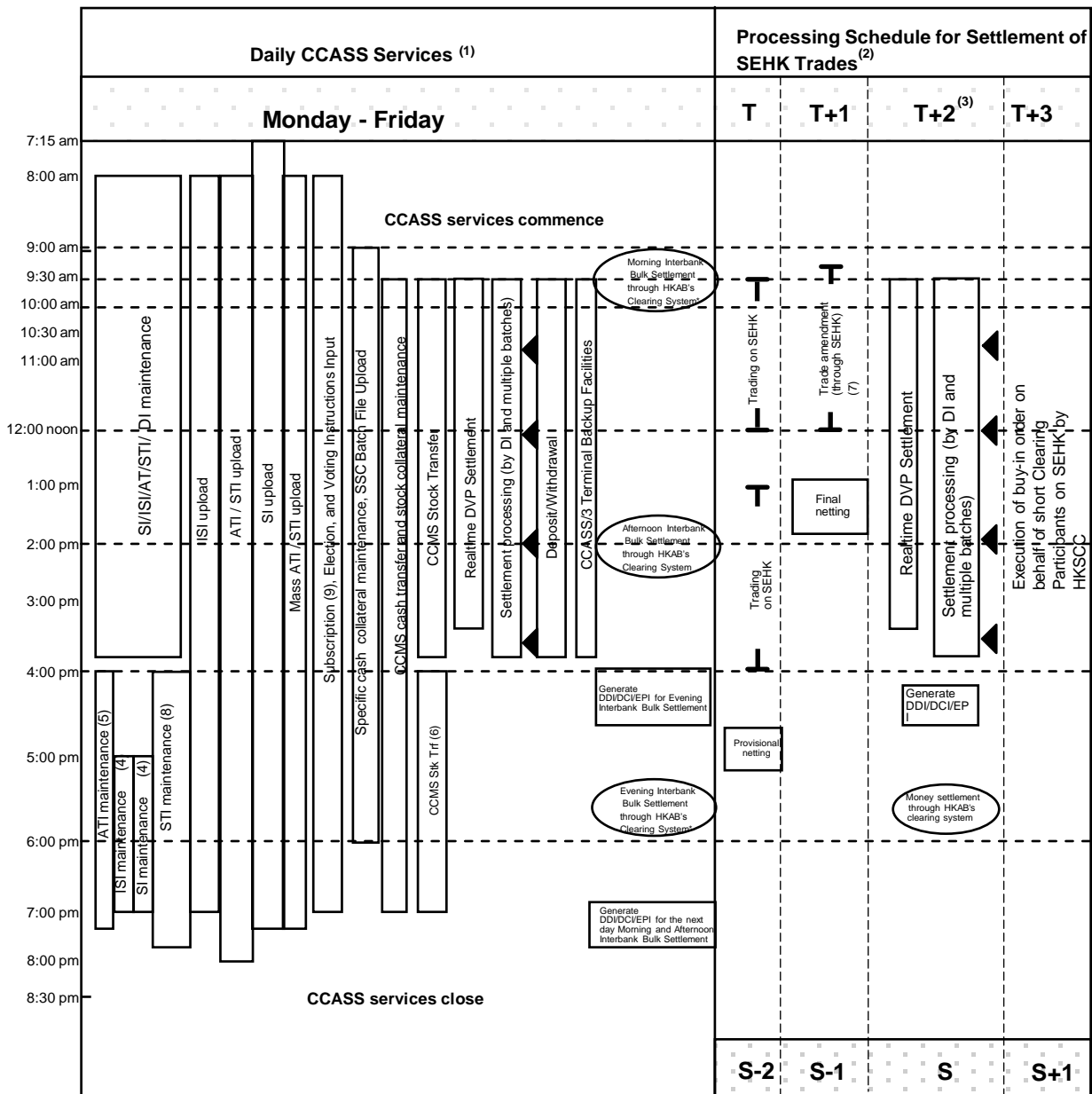


# CCASS Processing And Service Schedule

## CCASS PROCESSING AND SERVICE SCHEDULE (for Hong Kong market)



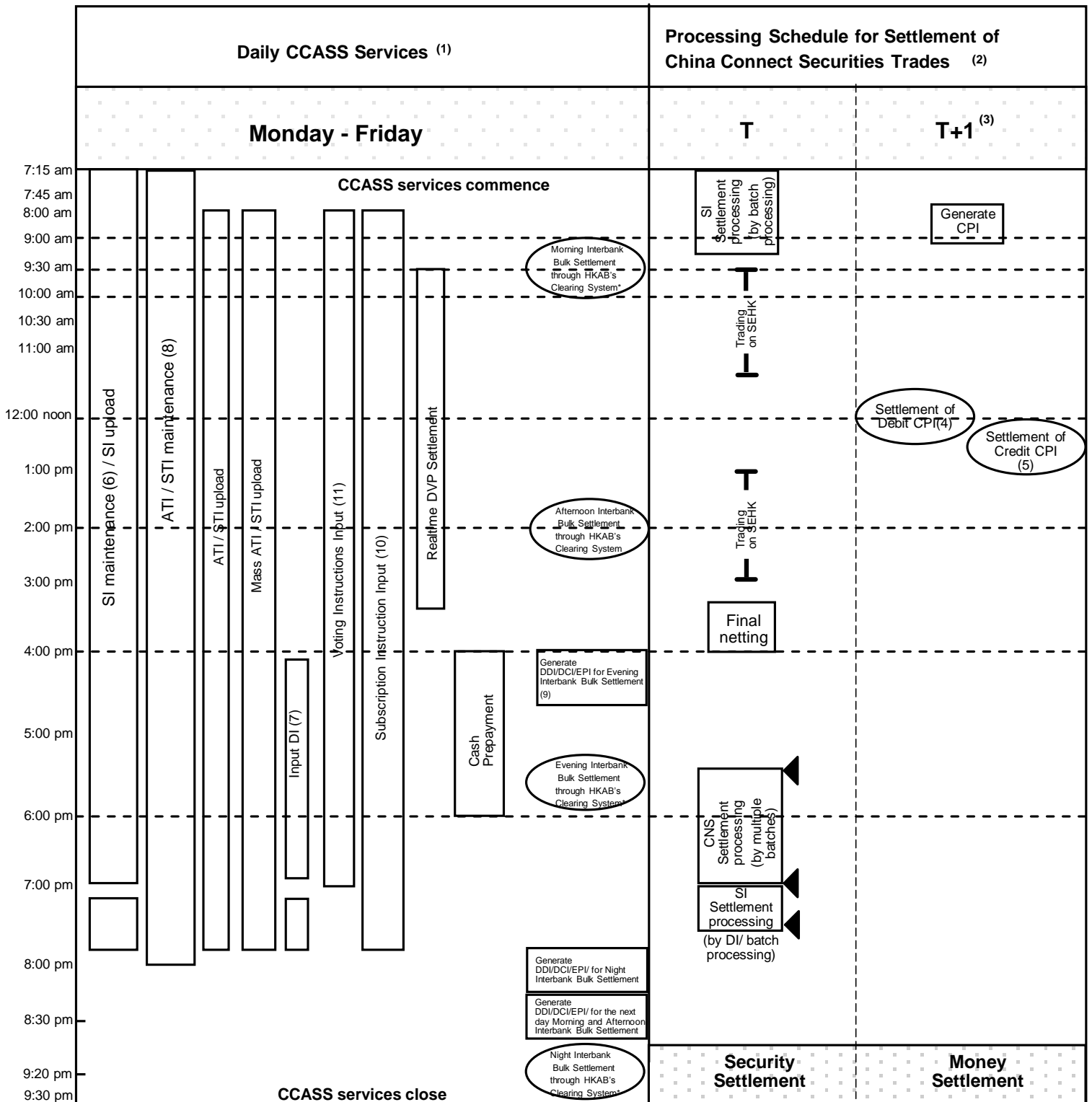
Legend:  CCASS processing      ◀ Batch settlement run  
 Money settlement (outside CCASS)

\* Payment Confirmation no later than 5:45 pm (S day) and 9:30 am (S+1 day) on the bank working day following the issue of DDI/DCI/EPIs by HKSCC to be transmitted to HKAB's Clearing System

Note:

- (1) Services available to all CCASS participants.
- (2) Settlement processing schedule applicable to DCPs and GCPs only.
- (3) CCASS generates DDI/DCI/EPIs on any business day even when there may be no settlement.
- (4) First session of SI/IS maintenance services starts at 8:00 am and ends at 3:45 pm.  
 Second session of SI/IS maintenance services is available at approximately 5:00 pm (announced by a broadcast message) and closes at 7:00 pm. SI Upload starts at 7:15 am.
- (5) First session of Input ATI services starts at 8:00 am & ends at 3:45 pm.  
 Second session of Input ATI services and subscription maintenance are available at approximately 4:00 pm (announced by a broadcast message) and closed at 7:30 pm. (except SI/IS enquiry functions which close at 8:00 p.m.)
- (6) First session of CCMS stock transfer maintenance services starts at 9:30 am and ends at 3:45 pm.  
 Second session of CCMS stock transfer maintenance services is available at approximately 4:00 pm and closes at 7:00 pm.
- (7) The deadline of 12:00 noon is for transmitting trade amendment file to CCASS.
- (8) From 8:00 am to 3:45 pm., maintenance of STI with either DVP or FOP payment method is available. After 3:45 pm till 7:30pm, only the maintenance of STI with FOP payment method is allowed.
- (9) The latest time of Subscription, Election and Voting instruction input on the prescribed end date set by CCASS will be 11:00 am, 12:00 noon and 4:15 pm respectively.

## CCASS PROCESSING AND SERVICE SCHEDULE (for China Connect Markets)



Legend:  CCASS processing       Money settlement (outside CCASS)

◀ Batch settlement run

- Note:
- (1) Services available to all China Connect Clearing Participants..
  - (2) Settlement processing schedule applicable to DCPs and GCPs only. CNS money obligation for China Connect Securities will be settled by RTGS payments
  - (3) CNS money settlement for China Connect Securities takes place on T+1 via Real Time Gross Settlement ("RTGS"). On T+1 morning, CCASS will issue one CHATS Payment Instruction ("CPI") in the net amount of Shanghai and Shenzhen markets' CNS money obligation to CP's designated banks.
  - (4) CPs who have a net payable amount should make payment to HKSCC by 12:00 noon via RTGS.
  - (5) CPs who have a net receivable amount will receive money from HKSCC at around 12:30 pm via RTGS.
  - (6) First session of SI maintenance services starts at 7:15 am and ends at 7:00 pm  
Second session of SI maintenance services is available at approximately 7:15 pm and closes at 7:45 pm
  - (7) Input DI for CNS position is available at approximately 4:00 pm and closes at 7:00 pm  
Input DI for SI position is available at approximately 7:15 pm (announced by a broadcast message) and closes at 7:45 pm.
  - (8) From 7:15 am to 3:45 pm, maintenance of STI with either DVP or FOP payment method is available. After 3:45 pm till 7:45 pm, only the maintenance of STI with FOP payment method is allowed.
  - (9) Transaction fees for China Connect Securities will be settled via DDI.
  - (10) For subscription announcement involving Non-Listed China Connect Securities (e.g. rights issues), authorise function is available from 8:00 am to 7:45 pm;  
For subscription announcement involving Listed China Connect Securities (e.g. takeover offers), authorise function is available shortly after 7:00 pm until 7:45 pm
  - (11) The latest time of Voting Instruction input on the prescribed end date set by CCASS will be 4:15 pm

**CCASS service hours for designated banks:**

7:15 a.m. to 9:30 p.m. Monday to Friday, except holidays

**Daily schedule:**

<u>Time</u>	<u>CCASS events</u>
7:15 a.m.	<ul style="list-style-type: none"> <li>Broadcast Message Enquiry and Report Download functions available</li> </ul>
8:00 a.m.	<ul style="list-style-type: none"> <li>Generation of CPIs by HKSCC for money settlement between Participants and HKSCC (including money obligations arising from CNS stock positions of China Connect Securities Trades settled on the previous Settlement Day with payment deadline at 12:00 noon) to be settled by a specified time on the same day</li> </ul>
8:30 a.m.	<ul style="list-style-type: none"> <li>DDI/DCI/EPI Confirmation for morning interbank bulk settlement run commences</li> <li><i>(DDI/DCI/EPI Listing for Designated Bank and DDI/DCI/EPI Listing for IP Related Transactions available)</i></li> </ul>
9:00 a.m.	<ul style="list-style-type: none"> <li>Security Management related functions available</li> <li>Batch upload for rejected DDI/Debit EPI relating to Investor Participant functions commence</li> </ul>
9:30 a.m.	<ul style="list-style-type: none"> <li>Deadline for confirmation of good funds of DDI/DCI/EPI for morning Interbank Bulk Settlement Run by designated banks (must be completed not later than 9:30 a.m.)</li> <li>Enquire Payment Instruction function available</li> <li><i>DDI/DCI/EPI Rejection Listing available. (shortly after 9:30 a.m.)</i></li> </ul>
9:30 a.m. (after)	<ul style="list-style-type: none"> <li>First <i>Electronic CHATS Payment Instruction Report</i> available</li> </ul>
10:30 a.m. (after)	<ul style="list-style-type: none"> <li>Second <i>Electronic CHATS Payment Instruction Report</i> available</li> </ul>
11:00 a.m. (after)	<ul style="list-style-type: none"> <li>Third <i>Electronic CHATS Payment Instruction Report</i> available</li> </ul>
11:30 a.m. (around)	<ul style="list-style-type: none"> <li>CCASS Funding Projection Report for Designated Bank available (for Eligible Securities other than China Connect Securities)</li> </ul>
12:00 noon	<ul style="list-style-type: none"> <li>IP-related DDI/EPI payment confirmation commences</li> <li>Deadline for CPI confirmations and paying HKSCC in good funds for CPIs contained in the Electronic CHATS Payment Instruction Report generated at 9:30 a.m. (after) in respect of money settlement of China Connect Securities Trades between HKSCC and Participants *(refer to Note below)</li> </ul>
12:00 noon (after)	<ul style="list-style-type: none"> <li>Fourth <i>Electronic CHATS Payment Instruction Report</i> available</li> </ul>
12:30 a.m. (around)	<ul style="list-style-type: none"> <li>CCASS Funding Projection Report for Designated Bank available (for Eligible Securities other than China Connect Securities)</li> </ul>
1:30 p.m.	<ul style="list-style-type: none"> <li>Batch upload for rejected IP-related DDI/EPI function closes</li> <li><i>Rejected DDI / EPI Batch Input Control Report</i> available (shortly after 1:30 p.m.)</li> </ul>

<u>Time</u>	<u>CCASS events</u>
2:00 p.m. (after)	• Fifth <i>Electronic CHATS Payment Instruction Report</i> available
2:30 p.m.	<ul style="list-style-type: none"> <li>• Deadline for confirmation of good funds of IP-related DDI/EPI by the designated Bank of IPs (must be completed not later than 2:30 p.m.).</li> <li>• <i>Investor Confirmation Report</i> available (shortly after 2:30 p.m.).</li> </ul>
2:30 p.m. (around)	• CCASS Funding Projection Report for Designated Bank available (for Eligible Securities other than China Connect Securities)
3:00 p.m. (after)	• <i>Intra-day Payment Instruction Listing</i> available
3:30 p.m.	• Preliminary cut off for CCASS related CHATS payment
3:30 p.m. (around)	• CCASS Funding Projection Report for Designated Bank available (for Eligible Securities other than China Connect Securities).
3:35 p.m.	• Final cut off for CCASS related CHATS payment
4:00 p.m.	• Commencement of Cash Prepayment for China Connect Markets function
4:05 p.m.	<ul style="list-style-type: none"> <li>• Generation of Direct Debit/Credit Instructions (DDI/DCIs) &amp; Electronic Payment Instructions (EPIs) by HKSCC for same day settlement</li> <li>• DDI/DCI/EPI Listing for Designated Bank available</li> </ul>
4:20 p.m.	• DDI/DCI/EPI Confirmation for Primary Payment Rejection Window of evening interbank bulk settlement run commences
5:45 p.m.	<ul style="list-style-type: none"> <li>• Deadline for payment confirmation of DDI/DCI/EPI for evening interbank bulk settlement run by designated banks (must be completed not later than 5:45 p.m.)</li> <li>• <i>DDI/DCI/EPI Rejection Listing</i> available (shortly after 5:45 p.m.)</li> <li>• CCASS Funding Projection Report (Night Settlement) for Designated Bank available</li> </ul>
6:00 p.m.	• Cash Prepayment for China Connect Markets function closes
6:00 p.m. (after)	• DDI Confirmation for Secondary Payment Rejection Window commences
7:00 p.m.	• Enquiry functions close (except for Broadcast Message Enquiry and DDI/DCI/EPI Rejection Enquiry)
7:00 p.m. (after)	• Generation of DDI/DCIs & EPIs by HKSCC for settlement in the next Business Day
7:15 p.m.	• CCASS Funding Projection Report (Night Settlement) for Designated Bank available
8:00 p.m.	<ul style="list-style-type: none"> <li>• Deadline for confirmation of DDI for Secondary Payment Rejection Window by designated banks (must be completed not later than 8:00 p.m.)</li> <li>• <i>DDI/DCI/EPI Rejection Listing</i> available. (shortly after 8:00 p.m.)</li> <li>• CCASS Funding Projection Report (Night Settlement) for Designated Bank available</li> </ul>
8:05 p.m.	• DDI/DCI/EPI Listing for Designated Bank available
8:20 p.m.	• DDI/DCI/EPI Confirmation for night interbank bulk settlement run commences

<u>Time</u>	<u>CCASS events</u>
9:20 p.m.	<ul style="list-style-type: none"><li>• DDI/DCI/EPI Confirmation for night interbank bulk settlement run closes</li><li>• Enquire DDI/DCI/EPI Rejection function closes.</li></ul>
9:30 p.m.	<ul style="list-style-type: none"><li>• Broadcast Message Enquiry and Report Download functions close</li></ul>

**\*Note**

This (i.e. 12:00 noon) is the deadline for issuing by facsimile and telephone to HKSCC a confirmation regarding each CPI for money settlement of China Connect Securities Trades contained in the Electronic CHATS Payment Instruction Report for which payment has not been or cannot be effected ("CPI Confirmation").

**AVAILABILITY SCHEDULE OF EACH ON-LINE FUNCTION**

<b>Function Name</b>	<b>Start Time</b>	<b>End Time</b>
Input DDI/DCI/EPI Rejection <sup>#</sup>	08:30 / 16:20 / 18:00/ 20:20	09:30 / 17:45 / 20:00/ 21:20
Delete DDI/DCI/EPI Rejection <sup>#</sup>	08:30 / 16:20 / 18:00/ 20:20	09:30 / 17:45 / 20:00/ 21:20
Authorise DDI/DCI/EPI Rejection <sup>#</sup>	08:30 / 16:20 / 18:00/ 20:20	09:30 / 17:45 / 20:00/ 21:20
Enquire DDI/DCI/EPI Rejection	08:30	21:20
Input Rejected IP DDI/EPI	12:00	14:30
Delete Rejected IP DDI/EPI	12:00	14:30
Authorise Rejected IP DDI/EPI List	12:00	14:30
Rejected DDI/EPI File Upload	08:30	13:30
Authorise Rejected DDI/EPI File Upload	08:30	13:30
Report Download *	07:15	21:30
Enquire Payment Instruction	09:30	19:00
Enquire SSA Bank Account	08:00	19:00
Enquire Cash Projection	08:00	19:00
Enquire Broadcast Message *	07:15	21:30
Delete User Profile **	07:00	19:00
Change User Profile **	07:00	19:00
Enquire User Profile **	07:00	19:00
User Group Listing (With Accessible Functions) **	07:00	19:00
Disabled User Listing **	07:00	19:00
SRN Listing **	07:00	19:00
User Profile Maintenance Report **	07:00	19:00
Reset Smartcard Password **	07:00	19:00
Get Authorisation Code **	07:00	19:00

**Remarks:**

- \* Enquire Broadcast Message and Report Download functions are available on Saturday from 07:15 to 13:00.
- \*\* Security Management related functions are available on Saturday from 07:00 to 13:00.
- # Input / Delete / Authorise DDI/DCI/EPI Rejection functions are available in four payment rejection sessions on each business day