

HRD Logbook Test Case Report

Logbook API - Test Group Setup

Open TCP Connection

[c] ver

Ham Radio Deluxe Version Release 6.4.0.840

[c]

Logbook API - (01) Echo Command

TCP Session

echo ping

ping

[c]

Expected Response

ping

Actual Response

ping

Result: Passed

Logbook API - (02) Help Command

TCP Session

help

exit Disconnect from Logbook.

echo Echo.

version Version.

db Read/Write to a log database.

[c]

Expected Response

exit Disconnect from Logbook.

echo Echo.

version Version.

db Read/Write to a log database.

Actual Response

exit Disconnect from Logbook.

echo Echo.

version Version.

db Read/Write to a log database.

Result: Passed

Logbook API - (03) Unrecognized Command

TCP Session

test

Unrecognized Command.

[c]

Expected Response

Unrecognized Command.

Actual Response

Unrecognized Command.

Result: Passed

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Logbook API - (04) Invalid Command

TCP Session

db x

Invalid line syntax.

Usage:

```
db add ["db name"] {PARAM="DATA" PARAM="DATA" [...]}
db get ["db name"] {CALL="DATA" PARAM="" PARAM="" [...]}
db import "db name" "filename.adx"
db list
db refresh ["db name"]
```

[c]

Expected Response

Invalid line syntax.

Usage:

```
db add ["db name"] {PARAM="DATA" PARAM="DATA" [...]}
db get ["db name"] {CALL="DATA" PARAM="" PARAM="" [...]}
db import "db name" "filename.adx"
db list
db refresh ["db name"]
```

Actual Response

Invalid line syntax.

Usage:

```
db add ["db name"] {PARAM="DATA" PARAM="DATA" [...]}
db get ["db name"] {CALL="DATA" PARAM="" PARAM="" [...]}
db import "db name" "filename.adx"
db list
db refresh ["db name"]
```

Result: Passed

Logbook API - (05) DB List Command

TCP Session

db list

```
My Logbook - MySQL
My Logbook - SQL Server
My Logbook - Access
My Logbook - MySQL 100K
Test Database - Access
```

[c]

Expected Response

```
My Logbook - MySQL
My Logbook - SQL Server
My Logbook - Access
My Logbook - MySQL 100K
Test Database - Access
```

Actual Response

```
My Logbook - MySQL
My Logbook - SQL Server
My Logbook - Access
My Logbook - MySQL 100K
Test Database - Access
```

Result: Passed

Logbook API - (06) DB Add Command

TCP Session

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```
db add "My Logbook - MySQL" { CALL="VK1ZZZ" NAME="Testing" DXCC="150" COUNTRY="Australia" STATE="ACT"
QSO_DATE="20180324" QSO_DATE_OFF="20180324" TIME_ON="062030" TIME_OFF="062530" FREQ="14076000"
FREQ_RX="14076000" BAND="20m" BAND_RX="20m" ADDRESS="Single address line" MODE="JT65" RST_SENT="-15" RST_RCVD="-
15" DISTANCE="250" COMMENT="JT65" CQZ="30" ITUZ="59" PFX="VK1" CONT="OC" MY_GRID SQUARE="QF55mx"
MY_CQ_ZONE="30" MY_ITU_ZONE="59" STATION_CALLSIGN="VK2BY1" QSO_COMPLETE="Y " }
```

Found 27 Valid Fields...

Added 44 Fields to My Logbook - MySQL...

[c]

Expected Response

Found 27 Valid Fields...

Added 44 Fields to My Logbook - MySQL...

Actual Response

Found 27 Valid Fields...

Added 44 Fields to My Logbook - MySQL...

Result: Passed

Logbook API - (07) DB Get Command

TCP Session

```
db get "My Logbook - MySQL" { CALL="VK1ZZZ" QSO_DATE="20180324" TIME_ON="062030" BAND="20m" MODE="JT65" }
```

Found 5 Valid Fields...

Searching in "My Logbook - MySQL"...

No matches found.

[c]

Expected Response

Found 5 Valid Fields...

Searching in "My Logbook - MySQL"...

```
{BAND="20m" CALL="VK1ZZZ" MODE="JT65" }
```

Actual Response

Found 5 Valid Fields...

Searching in "My Logbook - MySQL"...

No matches found.

Result: FAILED

Logbook API - (08) DB Add Command - Newline in Address

TCP Session

```
db add "My Logbook - MySQL" { CALL="VK1ZZY" NAME="Testing" DXCC="150" COUNTRY="Australia" STATE="ACT"
QSO_DATE="20180324" QSO_DATE_OFF="20180324" TIME_ON="062030" TIME_OFF="062530" FREQ="14076000"
FREQ_RX="14076000" BAND="20m" BAND_RX="20m" ADDRESS="Address iine 1\nAddress line 2" MODE="JT65" RST_SENT="-15"
RST_RCVD="-15" DISTANCE="250" COMMENT="JT65" CQZ="30" ITUZ="59" PFX="VK1" CONT="OC" MY_GRID SQUARE="QF55mx"
MY_CQ_ZONE="30" MY_ITU_ZONE="59" STATION_CALLSIGN="VK2BY1" QSO_COMPLETE="Y " }
```

Found 27 Valid Fields...

Added 44 Fields to My Logbook - MySQL...

[c]

Expected Response

Found 27 Valid Fields...

Added 44 Fields to My Logbook - MySQL...

Actual Response

Found 27 Valid Fields...

Added 44 Fields to My Logbook - MySQL...

Result: Passed

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Logbook API - (09) DB Get Command - Newline in Address

TCP Session

```
db get "My Logbook - MySQL" { CALL="VK1ZZY" QSO_DATE="20180324" TIME_ON="062030" BAND="20m" MODE="JT65" }  
Found 5 Valid Fields...  
Searching in "My Logbook - MySQL"...  
No matches found.  
[c]
```

Expected Response

```
Found 5 Valid Fields...  
Searching in "My Logbook - MySQL"...  
{BAND="20m" CALL="VK1ZZY" MODE="JT65" }
```

Actual Response

```
Found 5 Valid Fields...  
Searching in "My Logbook - MySQL"...  
No matches found.
```

Result: FAILED

Logbook API - (10) DB Add Command - Station Info

TCP Session

```
db add "HRD Logbook - MySQL" { CALL="VK1ZZV" NAME="Testing" DXCC="150" COUNTRY="Australia" STATE="ACT"  
QSO_DATE="20180324" QSO_DATE_OFF="20180324" TIME_ON="062030" TIME_OFF="062530" FREQ="14076000"  
FREQ_RX="14076000" BAND="20m" BAND_RX="20m" ADDRESS="Address line 1\nAddress line 2" MODE="JT65" RST_SENT="-15"  
RST_RCVD="-15" DISTANCE="250" COMMENT="JT65" CQZ="30" ITUZ="59" PFX="VK1" CONT="OC" STATION_CALLSIGN="VK2BYI"  
OWNER_CALLSIGN="VK2BYI" OPERATOR="VK2BYI" MY_NAME="Chris" MY_STREET="3 Shearwater Avenue" MY_CITY="Woronora  
Heights" MY_CNTY="--County--" MY_STATE="NSW" MY_POSTAL_CODE="2233" EMAIL="chris@vk2byi.com.au" MY_SIG="--SIG--"  
MY_SIG_INFO="--SIG Info--" MY_GRID SQUARE="QF55mx" MY_LAT="S034 02.115" MY_LON="E151 01.680" MY_CQ_ZONE="30"  
MY_ITU_ZONE="59" MY_IOTA="OC-001" MY_COUNTRY="Australia" WEB="http://www.vk2byi.com.au" MY_RIG="Yaesu FTdx1200,  
Ameritron AL-811H" MY_ANTENNA="Mosley CL-33-M, G5RV, LDG AT-1000Proll" TX_PWR="120" QSO_COMPLETE="Y" "  
STATION_INFO="Y" }  
Found 45 Valid Fields...  
Added 46 Fields to My Logbook - MySQL...  
[c]
```

Expected Response

```
Found 45 Valid Fields...  
Added 46 Fields to My Logbook - MySQL...
```

Actual Response

```
Found 45 Valid Fields...  
Added 46 Fields to My Logbook - MySQL...
```

Result: Passed

Logbook API - Test Group Tear Down

Close TCP Connection

```
quit  
[c]
```