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Chapter 1
util

## 1.1 Forcing Pass

## 1.1.1 XX = Q

### 1.2 suit GT

```
[fit in 2S] -
2N*: HSGT or ST, no shortness
  - 3X*: Qxx or xxx in X # partner having ctrl/xx is consider helped
   - 3N+: max # may need to cuebid since partner may want to ST
3S : s/o
# case 1: bidder only shows one suit
3C^*: C spl GT; or H spl GT (lo); or C spl ST
   - 3D*: inv C spl
        - 3H*: H spl (lo)
        - 3S : C spl (lo)
        - 3N+: C spl ST
        - 4S : C spl (hi)
  - 3H*: inv H spl
3D*: D spl GT or ST
  - 3H*: inv
3H*: H spl GT (hi) or ST
# case 2: if bidder already shows another suit X, spl X replaced by long X
```

```
[fit in 2H] -
2S*: HSGT or ST, no shortness
  - 2N+: Qxx or xxx in X # partner having ctrl/xx is consider helped
   - 3H : min
   - 3S+: max # may need to cuebid since partner may want to ST
3H : s/o
# case 1: bidder only shows one suit
2N*: S spl GT; or D spl GT (lo); or S spl ST
  - 3C*: inv S spl
        - 3D*: D spl (lo)
        - 3H : S spl (lo)
        - 3S+: S spl ST
        - 4H : S spl (hi)
   - 3D*: inv D spl (lo)
3C*: C spl GT or ST
   - 3S*: inv
3D*: D spl GT (hi) or ST
# case 2: if bidder already shows another suit X, spl X replaced by long X
```

# 1.3 Lebensohl

TBD

## 1.4 Rubens

TBD

### 1.5 Slam bidding

#### 1.5.1 cuebid

```
cue = 1/2nd ctrl
# if opener shows a suit (unless 1C - 1X; 1N/2N), then
opener's cue on that suit = 2 of AKQ, usually source of tricks
resp's cue on that suit = never shortness, can be Q
```

#### 1.5.2 FF

```
[fit in 3M] -
4M : min
3M+1*: FF, mild slam interest
4X*: cuebid, strong slam interest
```

#### 1.5.3 kickback RKC

```
[fit in S] - 4N*: ask number of keycards # 4 Ace + Trump K
5C*: 0/3 keycards
5D*: 1/4 keycards
5H^*: 2/5 keycards w/ Trump Q
5S*: 2/5 keycards w/o Trump Q
# case 1: resp. didn't show another suit
5N^*: 0/2/4 keycards, some void
   - 6C*: ask
        - 6X^*: void in X
6X*: 1/3 keycards, void in X
# case 2: resp. already shows another suit, now only two possibilities
5N^*: void in H (if resp. shows D) or D
   - 6C*: ask, no Trump Q
        - 6D*: 0/2/4 keycards w/ Trump Q
             - 6H*: inv
        - 6H*: 1/3 keycards w/ Trump Q
        - 6S*: w/o Trump Q
   - 6D^*: want to inv 1/3 keycards
        - 6H*: extra but no Trump Q
        - 6S*: no extra
        - 7S : Trump Q, extra
   - 6H*: have Trump Q, want to inv 0/2/4 keycards
   -6S^*: s/o
6C*: 0/2/4 keycards, void in H (if resp. shows C) or C
   - 6D*: ask Trump Q
        - 6H*: Trump Q, no extra
```

```
- 6S*: no Trump Q
- 7S: Trump Q, extra

6D*: 1/3 keycards w/o Trump Q, void in C or H
- 6H*: inv

6H*: 1/3 keycards w/ Trump Q, void in C or H, extra

6S*: 1/3 keycards w/ Trump Q, void in C or H
```

```
[fit in X] - [4X+1]*: ask number of keycards
# similar responses, 5N replaces void in [X+1]
```

#### 1.5.4 ERKC

```
[fit in X] -
# if opener already shows non-void Y, then it replaces the highest ERKC
5Y*: ask number of keycards, excluding Y
   - +1*: 0/3 keycards
   - +2*: 1/4 keycards
   - +3*: 2 keycards
```

#### 1.5.5 Obvious ERKC

```
[opp. bids Y (or bidder showed shortness in Y) and we fit in X] - 4X+2*: ask number of keycards, excluding Y # 5Y replaces ERKC in X+2 or the highest ERKC (if X+2 is NT)
```

#### 1.5.6 ORKC

```
preempt in X (not C) - 4C*: ORKC
4D*: min
4H+: same as resp. to RKC
```

#### 1.5.7 2-suied RKC

```
1M - 2X; 3X - 3M; ... [4M+1]: 2-suited RKC
# Queen of M and X act as 0.5 keycards
+1*: 0/3/6 keycards # may +0.5
    - +2*: ask if there's extra 0.5
        - 5M*: no
+2*: 1/4/7 keycards # may +0.5
        - +3*: ask if there's extra 0.5
        - 5M*: no # +4 = 5M
+3*: 2/5 keycards
```

+4\*: 2.5/5.5 keycards

## 1.6 UwU

TBD (low-low, high-high)

### 1.7 XYZW

#### 1.7.1 2wPCB

(https://www.ptt.cc/man/BridgeClub/D6D1/D49B/D130/M.924860463.A.html)

```
1X - 1Y; 1N
2C^* \rightarrow 2D^*: transfer accepted
        - P : s/o
        - 2M : s/o, choose a partial [M <= Y]; inv, 5+Y, 4+M [M > Y]
        - 2N*: inv
        -3Z: inv, 6+Z [Z = Y] or 4+Z [Z = X] or 5+Z and 4Y [otherwise]
        - 3N*: 5332, CoG # different from BTUBWS
   - 2Y^*: max, 3Y
2D^*: GF, ask
  -2M:3M[M=Y] or 6M[M=X] or 4M[otherwise]
   - 2N : nat
  - 3X : good 5+X
2M : inv, 5+M [M = Y] or 4+M [otherwise], NF
2N^* \rightarrow 3C^*: transfer accepted
        - P : s/o
        - 3D+: ... (TBD)
3Z : ST, 4+Z [Z = X] or semi-solid 6+Z [Z = Y] or 5+Z [otherwise]
3N : s/o
4C+: ... (TBD)
4Y : s/o
```

#### 1.7.2 PLOB

not done yet

```
1C - 1D*; 1H*-

# 2S* is usually F1 only

1S*: any (9)10-14

- 1N : 12-14, 2H bal

- 2C : s/o

- 2C : 12-14, 2-H, (5)6+C

# bids below applies to both 1N and 2C

- 2D*: F, not prefer to declare NT

- 2H : s/o

- 2S : s/o

- 2N+: nat inv

- 2D*: GF ... (TBD)

- 2H : F, 3H

- 2S*: F

- 3S : inv
```

```
- 2S*: GF, not prefer to declare NT

1N : nat NF

2X : s/o

- 2S*: F

- 2N+: nat inv

- 3S*: 6+C, 5+S, F

2N*: 15+, catchall

3C*: fit in C, ST

3D*: 5+H, 5+D, ST

3H*: 6+H, ST

3S*: 4+S, ST

3N*: 18-19, 4H
```

```
1D - 1H; 1S -
1N : nat NF
2C^*: any (9) 10-14
  - 2D : 12-14, 2-H
        - P : s/o
        - 2H : s/o
        - 2S*: F, not prefer to declare NT
             - 2N : min
             - 3N : max
        - 2N+: nat inv
   - 2H : F, 3H
   - 2S*: general GF
  - 2N+: nat GF
2X : s/o
2N^*: 15+, catchall
3C*: fit in D, ST
3D^*: 5+H, 5+C, ST
3H*: 6+H, ST
3S^*: 4+S, ST
3N^*: 18-19, 4H
```