

## MSG 037 - RED FD04 BIOPACK PROCEDURE UPDATES

1 Make the following 13 pen and ink changes in the BIOPACK Experiment Ops Checklist:

2

3 1-----

4 Page 6-5 BACTER ACTIVATE

5 Add the following note to step 4.10:

6

7 When performing step 4.10, there is no hard stop at the "O" position, so turn **green screw**  
8 **ccw** no further than indicated on the green label.

9

10 2-----

11 Page 6-8 BACTER FIX AND COOL

12 Add the following note to step 6.13:

13

14 When performing step 6.13, there is no hard stop at the "O" position, so turn **red screw ccw**  
15 no further than indicated on the red label.

16

17 3-----

18 Page 7-6 YSTERS FIRST SAMPLING: SET 1

19 Perform the following between steps 8.3 and 8.4:

20

21 Remove cubic foam block (top of YSTRES 17) and velcro in Power Cable slot of GB Tray

22

23 4-----

24 Page 7-10 YSTRES FIX, COOL, FREEZE SET 1

25

26 In step 10.12, perform the transfer of YSTRES 11 to Freezer prior to YSTRES 5 to PTCU 1

27

28 5-----

29 Page 7-11 YSTRES FIRST SAMPLING: SET 2

30 Perform the following between steps 11.1 and 11.2:

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32 Remove cubic foam block (top of YSTRES 18) and velcro in Power Cable slot of GB Tray

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34 6-----

35 Page 7-14 YSTRES FIX, COOL, FREEZE SET 2

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37 In step 13.9, perform the transfer of YSTRES 12 to Freezer prior to YSTRES 6 to PTCU 1

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39 7-----

40 Page 7-20 YSTRES FIX, COOL, FREEZE SET 3

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42 In step 19.11, perform the transfer of YSTRES 13 to Freezer prior to YSTRES 7 to PTCU 1

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44 8-----

45 Page 7-25 YSTRES FIX, COOL, FREEZE SET 4

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47 In step 22.10, perform the transfer of YSTRES 14 to Freezer prior to YSTRES 8 to PTCU 1

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**MSG 037 - RED FD04 BIOPACK PROCEDURE UPDATES**

1  
2 9-----  
3 Page 7-29 YSTRES THIRD SAMPLING: SET 5  
4 Perform the following between steps 26.27 and 26.28:  
5  
6 Unstow one cubic foam block from Power Cable slot in GB Tray and place on top of  
7 YSTRES 17 to secure  
8  
9 10-----  
10 Page 7-31 YSTRES FIX, COOL, FREEZE SET 5  
11  
12 Perform step 28.12 prior to step 28.11  
13  
14 11-----  
15 Page 7-34 YSTRES THIRD SAMPLING: SET 6  
16 Perform the following after step 29.22  
17  
18 Unstow one cubic foam block from Power Cable slot in GB Tray and place on top of  
19 YSTRES 18 to secure  
20  
21 12-----  
22 Page 7-35 YSTRES FIX, COOL, FREEZE SET 6  
23  
24 In step 31.9, perform the transfer of YSTRES 16 to Freezer prior to YSTRES 10 to PTCU 1  
25  
26 13-----  
27 Page 11-4 AP-01 BONES STEP 4 ACTIVATION and Page 11-6 AP-02 BONES STEP 7  
28 ACTIVATION  
29  
30 Delete the "A", "B", "C", and "D" labels in the sketches  
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