

# Neptune Dolphin Testing Guide

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This document explains how to test the Neptune computers, printers, Ethernet switch and Dolphin System for use at swim meets such that any computer and any printer can be used for Dolphin, Seeding or Results. To complete these steps, you will need all 3 computers and their power supplies and mice, all 3 USB printers and their power supplies and USB cables, printer paper, Ethernet switch and power supply, 3 Ethernet cables, Dolphin base USB device, at least 1 Dolphin stopwatch, Dolphin starter with cable and banana plug adapter, screwdriver, Dolphin scoreboard adapter and Dolphin scoreboard and power cable.

## Test Configuration Matrix:

	Dolphin		Results		Seeding	
<u>Test</u>	<u>computer</u>	<u>printer</u>	<u>computer</u>	<u>printer</u>	<u>computer</u>	<u>printer</u>
1	1	1	3	3	2	2
2	2	3	1	2	3	1
3	3	2	2	1	1	3

## **Test Configuration #1:**

### **Hardware Setup**

1. Connect the three computers to power, mice, and Ethernet connector and turn on.
2. Connect the three printers to power and USB cables and turn on.
3. Connect SRN-PC1 to SRN-PR1, SRN-PC2 to SRN-PR2 and SRN-PC3 to SRN-PR3.
4. Launch Control Panel, select the connected printer as default, and click "OK" when it says setting this printer to default will stop Windows from managing your printers.
5. Connect Dolphin USB device to SRN-PC1. This will be the "Dolphin" computer for this test.
6. Connect Dolphin starter to cable and banana adapter and turn on starter by pressing reset button for a few seconds.
7. Connect Dolphin scoreboard to power and scoreboard adapter and turn on.
8. Turn on Dolphin stopwatch by pressing reset button for a few seconds.

### **Create Test Meet File**

For details, see Neptune Meet Setup Guide.

On SRN-PC3:

1. Open MeetManager and create new meet file named testmeet1, multi-user as Admin. This will be the "Results" computer for this test.
2. Fill out minimum information in Meet Setup menu.
3. Create two events, one girls and one boys.
4. Create one session and include two events.
5. Add two swimmers, one girl and one boy, and enter each in to their respective event.

On SRN-PC2:

1. Open MeetManager and open testmeet1 on SRN-PC3 as Run1. This will be the "Seeding" computer for this test.
2. Seed both events.

### **Create Time Files**

On SRN-PC1:

1. Open Dolphin and select logging enabled.
2. Scoreboard setup: Scoreboard Enabled, Order by Lane, Number of lines = 1, Number of lanes = 8, then exit scoreboard setup.
3. Start race by shorting banana plug with screwdriver. Verify display and scoreboard shows elapsed time.
4. Wait several seconds, then stop race by pressing a side button on the Dolphin stopwatch. Note stopwatch time recorded.
5. Select Reset Timers and Yes to save time file for event 1.
6. Press Ctrl-Print, verify the Gadwin PrintScreen box is around the Dolphin window, then press enter and verify printer prints out Dolphin screen shot full width portrait.
7. Repeat steps 3-5 to generate time file for event 2.

## **Create Result Reports**

On SRN-PC3:

1. Go to Setup Reports and select SRN-PR3 as default printer for reports and labels.
2. Go to Run, then set up Interface for Dolphin with Splits.
3. Set up Interface select data files, browse to SRN-PC1 CTSDolphin, and click Previous Meet and OK.
4. Select event 1 and Get Times.
5. Score event and print. Verify printout matches time for stopwatch time recorded for event 1.

On SRN-PC2:

1. Go to Setup Reports and select SRN-PR2 as default printer for reports and labels.
2. Go to Run, then set up Interface for Dolphin with Splits.
3. Set up Interface select data files, browse to SRN-PC1 CTSDolphin, and click Previous Meet and OK.
4. Select event 2 and Get Times.
5. Score event and print. Verify printout matches time for stopwatch time recorded for event 2.

## **Test Configuration #2:**

### **Hardware Setup**

1. Connect SRN-PC1 to SRN-PR2, SRN-PC2 to SRN-PR3 and SRN-PC3 to SRN-PR1.
2. Connect Dolphin USB device to SRN-PC2. This will be the “Dolphin” computer for this test.

### **Create Test Meet File**

On SRN-PC1:

1. Copy testmeet1 from SRN-PC3 to paste to SRN-PC1 and rename it testmeet2.
2. Open MeetManager and open testmeet2, single-user as Admin. This will be the “Results” computer for this test.
3. File -> Purge -> Reset Event Results and Seeding. Select all and press OK.
4. Close Meet Manager, then reopen testmeet 2 as multi user admin.

On SRN-PC3:

1. Open MeetManager and open testmeet2 on SRN-PC1 as Run1. This will be the “Seeding” computer for this test.
2. Seed both events.

### **Create Time Files**

On SRN-PC2:

1. Repeat Create Time File steps in Test Configuration #1 above.

### **Create Result Reports**

On SRN-PC1:

1. Go to Setup Reports and select SRN-PR2 as default printer for reports and labels.
2. Go to Run, then set up Interface for Dolphin with Splits.
3. Set up Interface select data files, browse to SRN-PC2 CTSDolphin, and click Previous Meet and OK.
4. Select event 1 and Get Times.
5. Score event and print. Verify printout matches time for stopwatch time recorded for event 1.

On SRN-PC3:

1. Go to Setup Reports and select SRN-PR1 as default printer for reports and labels.
2. Go to Run, then set up Interface for Dolphin with Splits.
3. Set up Interface select data files, browse to SRN-PC2 CTSDolphin, and click Previous Meet and OK.
4. Select event 2 and Get Times.
5. Score event and print. Verify printout matches time for stopwatch time recorded for event 2.

### **Test Configuration #3:**

#### **Hardware Setup**

1. Connect SRN-PC1 to SRN-PR3, SRN-PC2 to SRN-PR1 and SRN-PC3 to SRN-PR2.
2. Connect Dolphin USB device to SRN-PC3. This will be the “Dolphin” computer for this test.

#### **Create Test Meet File**

On SRN-PC2:

1. Copy testmeet2 from SRN-PC1 to paste to SRN-PC2 and rename it testmeet3.
2. Open MeetManager and open testmeet3, single-user as Admin. This will be the “Results” computer for this test.
3. File -> Purge -> Reset Event Results and Seeding. Select all and press OK.
4. Close Meet Manager, then reopen testmeet3 as multi user admin.

On SRN-PC1:

1. Open MeetManager and open testmeet3 on SRN-PC2 as Run1. This will be the “Seeding” computer for this test.
2. Seed both events.

#### **Create Time Files**

On SRN-PC3:

1. Repeat Create Time File steps in Test Configuration #1 above.

#### **Create Result Reports**

On SRN-PC2:

1. Go to Setup Reports and select SRN-PR1 as default printer for reports and labels.
2. Go to Run, then set up Interface for Dolphin with Splits.
3. Set up Interface select data files, browse to SRN-PC3 CTSDolphin, and click Previous Meet and OK.
4. Select event 1 and Get Times.
5. Score event and print. Verify printout matches time for stopwatch time recorded for event 1.

On SRN-PC1:

1. Go to Setup Reports and select SRN-PR3 as default printer for reports and labels.
2. Go to Run, then set up Interface for Dolphin with Splits.
3. Set up Interface select data files, browse to SRN-PC3 CTSDolphin, and click Previous Meet and OK.
4. Select event 2 and Get Times.
5. Score event and print. Verify printout matches time for stopwatch time recorded for event 2.