

DCA09FR008  
Lake Buena Vista, Florida  
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Excerpts  
Operator Guide  
Monorail Coordinator  
(Monorail Central)

# Chapter Two – Monorail Central Opening and Closing Procedures

## Introduction

Monorail Central is the communication link for the WALT DISNEY WORLD® Resort Monorail system. Monorail Central is responsible for the following:

- Handling train issues (downtimes and related concerns that may occur.)
- Contacting Maintenance personnel, if the need arises.
- Taking cycle times on all three of the beams.
- Doing MAPO safety checks, twice a day for all the trains.
- Being a communication link between hourly Cast Members and Guest Service Managers.

## Opening Concourse

The following are responsibilities of the Concourse Station opener:

- Report to Transportation Base in the morning at your start time.
- Check the Central log for locations of the trains parked in stations on the previous night. Once you have determined their location, find out how many Express and *Epcot*<sup>®</sup> trains are needed for the entrance by asking the opening Monorail Duty Manager or by checking Transportation Talk.
- If a computer is available, go to the budgeting program. The units can be found there. Tell the Monorail Duty Manager and Monorail Coordinator (3) the location of the stay out trains, and the number of trains from Shop.
- Once this is determined, call the Monorail Shop at extension 6343 or 6887. Tell Shop the total number of trains to be run and ask if there will be any trains down for the day. This will let you know if there are any trains that are unavailable in the event of a breakdown.
- Collect the Central radio device, keys, and Handpack Unit from Transportation Base.
- If there is paperwork ready for the Concourse, bring it along with a copy of the daily Transportation Talk.

## Opening Console Procedures

On your way up to the console, check the following:

- Verify that the gates on the Monorail Concourse Station Load platform are closed.

Turn on the computer, login into the system, and open the Central paperwork icon. This program contains all the files you will need for the day. Each screen contains different information and will be covered later in this guideline.

Take radio device checks from each station. They will be radioing Monorail Central that their stations are staffed and ready for power. They will advise the number of kill packs that are 10-8, and any other issues.

Check that all stations have power. Each station will be calling to advise Monorail Central when they receive power.

Verify that the *Epcot*<sup>®</sup> beam, including visible trough area, is clear of obstructions and debris. After you have checked the trough, phone Shop and ask for power. You will also need to have switches 8 and 9 moved, which is done by radio device.

- Test the following device: Handpack Unit(s) for the Monorail Concourse Station to verify it is operating properly.

Verify that the following communication equipment is in place and operating properly:

- Test the Public Address System (PA) to verify that it is operational and can be heard in the appropriate areas of the station.
- Test the Park phone by calling another Park phone, establishing two-way communication and request a call back.
- Test the handheld and base radio devices by establishing two-way communication to verify they are operating properly and are set to the proper frequency.

Each train will call you as they power up. They perform a radio device check with Monorail Central and advise you of the following:

- The status of the train (10-7 or 10-8) and any problems if 10-7.
- The type of spiel in the Binloop.
- If the audio and phones are 10-8.

  
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Each train is 10-23 on radio device from Monorail Central after its radio device check. Once all of the Resort units on line have called you, radio device each and advise the train:

WITH DISPATCH FROM (station), YOU ARE CLEAR TO FOLLOW  
MONORAIL (COLOR OF TRAIN IN FRONT) IN A (#) TRAIN (type of  
operation).

Then make the general announcement:

ATTENTION ALL MONORAIL UNITS OPERATING ON THE RESORT  
BEAM FROM MONORAIL CENTRAL, WE ARE LINED UP IN (# of trains)  
(type of dispatch procedures). THE TRAIN ORDER IS (NAME OFF THE  
COLORS). BREAK. MONORAIL ONE FROM MONORAIL CENTRAL, DID  
YOU COPY?

If not, repeat the train order.

## ***Epcot*<sup>®</sup> with Four Trains**

Once *Epcot*<sup>®</sup> has called their last fully loaded train, and it is en route, give it the following instructions:

MONORAIL (*Epcot*<sup>®</sup> train 1) FROM MONORAIL CENTRAL, NORMAL VISUAL OPERATION TO CONCOURSE, DEADHEAD AND SWITCH ENDS.

Make a spiel to your loaders at Concourse not to load Monorail (*Epcot*<sup>®</sup> train 1) and let the *Epcot*<sup>®</sup> loaders know which monorail that you will be taking out of service. This way they can tell the Guests of the impending delays.

You will now need to radio the Monorail ahead of Monorail (*Epcot*<sup>®</sup> train 1), which is Monorail (*Epcot*<sup>®</sup> train 4):

MONORAIL (*Epcot*<sup>®</sup> train 4) FROM MONORAIL CENTRAL, NOTIFY MONORAIL CENTRAL CROSSING PYLON 45.

Radio the train behind Monorail (*Epcot*<sup>®</sup> train 1), Monorail (*Epcot*<sup>®</sup> train 2):

MONORAIL (*EPCOT*<sup>®</sup> TRAIN 2) FROM MONORAIL CENTRAL, NORMAL VISUAL OPERATION TO PYLON 379. HOLD AND NOTIFY MONORAIL CENTRAL.

Once Monorail (*Epcot*<sup>®</sup> train 1) has done its cab 6 radio device check and Monorail (*Epcot*<sup>®</sup> train 4) has crossed pylon 45, you can radio Monorail (*Epcot*<sup>®</sup> train 1):

YOU ARE CLEAR IN REVERSE TO PYLON 27. HOLD AND NOTIFY MONORAIL CENTRAL. ONCE MONORAIL (*Epcot*<sup>®</sup> train 1) HAS RADIOED THAT THEY ARE AT PYLON 27, HAVE THE TRAIN 10-23 RADIO DEVICE.

  
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You can radio Monorail (*Epcot*<sup>®</sup> train 4):

YOU ARE CLEAR MAPO OVERRIDE TO MONORAIL CONCOURSE,  
HOLD AND 10-23 RADIO DEVICE.

You can now radio Monorail Shop:

I SHOW YOU CLEAR TO MOVE SWITCHBEAMS 8 AND 9 TO THE  
SPURLINE WITH POWER.

Once shop radios that Switchbeams 8 and 9 are on the spurline with power, radio Monorail (*Epcot*<sup>®</sup> train 1):

YOU ARE CLEAR IN FORWARD USING MAPO OVERRIDE THROUGH  
SWITCHBEAMS 8 AND 9 TO MONORAIL BASE. HOLD AND NOTIFY  
CENTRAL.

If this train is going to shop and the beam is clear at the DISNEY'S POLYNESIAN Resort, DISNEY'S GRAND FLORIDIAN Resort & Spa, and the MAGIC KINGDOM<sup>®</sup> Station, you can also add:

CONTINUE IN FORWARD THROUGH DISNEY'S POLYNESIAN RESORT,  
DISNEY'S GRAND FLORIDIAN RESORT & SPA, AND USE MAPO  
OVERRIDE TO REACH THE MAGIC KINGDOM<sup>®</sup> STATION. HOLD AND  
NOTIFY MONORAIL CENTRAL.

If there is a train ahead of Monorail (*Epcot*<sup>®</sup> train 1), you will have to move the train point to point. Once Monorail (*Epcot*<sup>®</sup> train 1) has crossed pylon S-5, you can radio Monorail Shop to move switchbeam 9 back to the mainline with power.

  
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Once shop has radioed that Switchbeam 9 is on the mainline with power, give the following instructions:

MONORAIL (*Epcot*<sup>®</sup> train 2) FROM MONORAIL CENTRAL, WITH DISPATCH FROM MONORAIL CONCOURSE YOU ARE CLEAR TO FOLLOW MONORAIL (*Epcot*<sup>®</sup> train 4), IN A THREE TRAIN NORMAL VISUAL OPERATION.

Then make the general announcement:

ATTENTION ALL MONORAIL UNITS OPERATING ON THE *EPCOT*<sup>®</sup> BEAM FROM MONORAIL CENTRAL, WE ARE LINED UP IN A THREE TRAIN NORMAL VISUAL OPERATION. THE TRAIN ORDER IS (colors of *Epcot*<sup>®</sup> trains in order). BREAK. MONORAIL ONE FROM MONORAIL CENTRAL, DID YOU COPY? (If not, repeat the train order.) MONORAIL CENTRAL CLEAR.

You can take the next train out of service at around 10:20 (or when the *Epcot*<sup>®</sup> station is down to a slow walk on) with the following transmission:

MONORAIL (*Epcot*<sup>®</sup> train 2) FROM MONORAIL CENTRAL, NORMAL VISUAL OPERATION TO CONCOURSE, DEADHEAD AND SWITCH ENDS

Make a spiel to your loaders at concourse not to load Monorail (*Epcot*<sup>®</sup> train 2) and let the *Epcot*<sup>®</sup> loaders know that you will be taking a Monorail out of service. This way they can tell the Guests of the impending delays.

You will now need to radio the Monorail ahead of Monorail (*Epcot*<sup>®</sup> train 2), which is Monorail (*Epcot*<sup>®</sup> train 4):

MONORAIL (*Epcot*<sup>®</sup> train 4) FROM MONORAIL CENTRAL, NOTIFY MONORAIL CENTRAL CROSSING PYLON 45.

Radio the train behind Monorail (*Epcot*<sup>®</sup> train 2):

MONORAIL (*Epcot*<sup>®</sup> train 3), FROM MONORAIL CENTRAL. NORMAL VISUAL OPERATION TO PYLON 379. HOLD AND NOTIFY MONORAIL CENTRAL.



  
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Once Monorail (*Epcot*<sup>®</sup> train 2) has done its cab 6 radio device check and Monorail (*Epcot*<sup>®</sup> train 4) has crossed pylon 45, you can clear Monorail (*Epcot*<sup>®</sup> train 2) with the following transmission:

YOU ARE CLEAR IN REVERSE TO PYLON 27. HOLD AND NOTIFY  
MONORAIL CENTRAL.

Once Monorail (*Epcot*<sup>®</sup> train 2) has radioed that they are at pylon 27, you can radio Monorail (*Epcot*<sup>®</sup> train 3) with the following transmission:

YOU ARE CLEAR, MAPO OVERRIDE TO MONORAIL CONCOURSE,  
HOLD AND 10-23 RADIO DEVICE.

You can now radio Monorail Shop:

I SHOW YOU CLEAR TO MOVE SWITCHBEAMS 8 AND 9 TO THE SPUR  
LINE WITH POWER.

Once shop radios that Switchbeam 8 and 9 are on the spurline with power:

MONORAIL (*EPCOT*<sup>®</sup> TRAIN 2) FROM MONORAIL CENTRAL, YOU ARE  
CLEAR IN FORWARD USING MAPO OVERRIDE THROUGH  
SWITCHBEAMS 8 AND 9 TO MONORAIL BASE.

If this train is going to shop and the beam is clear at the DISNEY'S POLYNESIAN Resort, DISNEY'S GRAND FLORIDIAN Resort & Spa, and the MAGIC KINGDOM<sup>®</sup> Station you can also add:

CONTINUE IN FORWARD THROUGH DISNEY'S POLYNESIAN RESORT,  
DISNEY'S GRAND FLORIDIAN RESORT & SPA, AND USE MAPO  
OVERRIDE TO REACH THE MAGIC KINGDOM<sup>®</sup> STATION. HOLD AND  
NOTIFY MONORAIL CENTRAL.

  
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If there is a train ahead of the Monorail (*Epcot*<sup>®</sup> train 2), you will have to move the train point to point. Once Monorail (*Epcot*<sup>®</sup> train 2) has crossed pylon S-5, you can radio Monorail Shop to move switchbeam 9 back to the mainline with power. When switchbeam 9 is back to the mainline with power, clear Monorail (*Epcot*<sup>®</sup> train 3) with the following transmission:

WITH DISPATCH FROM MONORAIL CONCOURSE YOU ARE CLEAR TO FOLLOW MONORAIL (*EPCOT*<sup>®</sup> TRAIN 4) IN A TWO TRAIN NORMAL VISUAL OPERATION.

Then make the general announcement:

ATTENTION ALL MONORAIL UNITS OPERATING ON THE *EPCOT*<sup>®</sup> BEAM FROM MONORAIL CENTRAL, WE ARE LINED UP IN A TWO TRAIN NORMAL VISUAL OPERATION. THE TRAIN ORDER IS (*Epcot*<sup>®</sup> trains 2, 3). BREAK. MONORAIL ONE FROM MONORAIL CENTRAL, DID YOU COPY? (If not, repeat the train order.) MONORAIL CENTRAL CLEAR.

You can cycle the rest of the evening with the two trains. About half an hour before the posted closing time, have one of the trains notify you of how many cars are in the *Epcot*<sup>®</sup> parking lot. Once you get under 10 cars and the last Resort train drops off remaining Guests for *Epcot*<sup>®</sup>, have Monorail Base cut off the *Epcot*<sup>®</sup> ramp. You can now make the general announcement:

ATTENTION ALL MONORAIL UNITS OPERATING ON THE RESORT BEAM FROM MONORAIL CENTRAL, THE *EPCOT*<sup>®</sup> BEAM IS 10-7.

Please spiel alternate transportation to *Epcot*<sup>®</sup>. (The Guests will now need to ask about transportation to *Epcot*<sup>®</sup> at the bus information booth.)

Phone (ext. 6129) or radio Bus 6 on (T1 frequency). Advise them that the *Epcot*<sup>®</sup> beam is going 10-7 and the number of cars that are left. If no Guests are waiting at your station or at *Epcot*<sup>®</sup>, you can then shut down the trains when they reach each station. If you have Guests for the last loaded to *Epcot*<sup>®</sup>, give the following instructions:

NORMAL VISUAL OPERATION TO *EPCOT*<sup>®</sup> AND SHUT DOWN, UNLESS THE TRAIN NEEDS TO SHUT DOWN AT MONORAIL CONCOURSE.

When he reaches *Epcot*<sup>®</sup>, the driver performs a 10-7 spiel.

When the other train that is en route to Monorail Concourse has crossed pylon 260 and the train from Monorail Concourse reaches *Epcot*<sup>®</sup>, the loader can get with shop and shut down. *Epcot*<sup>®</sup> kills power in their station with the red mushroom button. Also rectifiers 4 and 5 with the blue zone kill buttons. The loader then radios Monorail Central with the following information:

*EPCOT*<sup>®</sup> STATION HAS ZERO (0) VOLTS AND A TRIP INDICATION.  
TELL THE STATION TO LOCK UP AND MEET MONORAIL 3.

**NOTE:** You may park an *Epcot*<sup>®</sup> train in any station on Express if needed. To do this, send the train through the switches as if it we are going to shop but only clear it to the station in which you want it to shut down. Once the train notifies that it is holding at that station, clear it to power down.

When the train en route to Concourse reaches your station and does its 10-7 spiel, you can phone Monorail Shop and kill the station power with the red mushroom button, and zones 1, 2, and 3 with the zone kill buttons. Radio the Monorail Duty Manager that the *Epcot*<sup>®</sup> loop is 10-7 for the evening.

## ***Epcot*<sup>®</sup> with Three Trains**

To close the *Epcot*<sup>®</sup> beam with three trains; follow the procedures outlined in the section titled *Epcot*<sup>®</sup> *Trains to Shop with Four Operating*. The only difference is that there is not a Monorail *Epcot*<sup>®</sup> train 4.