



# TECHNICAL ADVISORY COMMITTEE AGENDA

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## **LOSSAN RAIL CORRIDOR AGENCY TECHNICAL ADVISORY COMMITTEE MEETING**

**Thursday, September 5, 2024  
1:15 P.M. – 2:45 P.M.**

**Los Angeles County Metropolitan Transportation Authority  
Henry Huntington Room, Third Floor  
One Gateway Plaza,  
Los Angeles, CA 90012**

Any person with a disability who requires a modification, accommodation, or agenda materials in an alternative format in order to participate in the meeting should contact the Los Angeles – San Diego – San Luis Obispo (LOSSAN) Clerk of the Board, telephone 714-560-5676, no less than two (2) business days prior to this meeting to enable LOSSAN to make reasonable arrangements to assure accessibility to this meeting.

### **Agenda Descriptions**

Agenda descriptions are intended to give members of the public a general summary of items of business to be transacted or discussed. The posting of the recommended actions does not indicate what action will be taken. The Committee may take any action which it deems to be appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

All documents related to the items referenced in this agenda are available for public inspection at [www.lossan.org](http://www.lossan.org).

### **Public Comments on Agenda Items**

Members of the public may address the Board of Directors regarding any item. Please complete a speaker's card and submit or notify the Clerk of the Board the item number on which you wish to speak. Speakers will be recognized by the Chairman at the time the agenda item is to be considered. A speaker's comments shall be limited to three (3) minutes.

### **Public Availability of Agenda Materials**

All documents relative to the items referenced in this agenda are available for public inspection at [www.lossan.org](http://www.lossan.org) or through the LOSSAN Clerk of the Board's office at the Orange County Transportation Authority Headquarters, 600 South Main Street, Orange, California.



# TECHNICAL ADVISORY COMMITTEE AGENDA

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## Written Comments

Written public comments may also be submitted by emailing them to [lossantac@octa.net](mailto:lossantac@octa.net), and must be sent by 5:00 p.m. the day prior to the meeting. If you wish to comment on a specific agenda item, please identify the item number in your email. All public comments that are timely received will be part of the public record and distributed to the TAC Committee. Public comments will be made available to the public upon request.

If you have any questions regarding this new format or any upcoming meeting plans, please contact Michelle Alonso, LOSSAN Executive Assistant, at 714-560-5415, or at [malonso@octa.net](mailto:malonso@octa.net).

## Teleconference Sites

The main location for this meeting is the Los Angeles County Metropolitan Transportation Authority Headquarters, Henry Huntington Room (3<sup>rd</sup> Floor). Several LOSSAN member agencies will be attending this meeting via teleconference from the following locations:

*Los Angeles County Metropolitan Transportation Authority  
Henry Huntington Room – 3<sup>rd</sup> Floor  
One Gateway Plaza,  
Los Angeles, CA 90012*

*North County Transit District  
810 Mission Avenue  
Oceanside, CA 92054*

*Orange County Transportation Authority  
Conference Room 1012  
600 South Main Street  
Orange, CA 92868*

*San Diego Association of Governments  
401 B Street  
Conference Room 9A  
San Diego, CA 92101*

*San Luis Obispo Council of Governments  
1114 Marsh Street  
San Luis Obispo, CA 93401*

*Santa Barbara County Association of Governments  
260 N. San Antonio Road, Suite B  
Santa Barbara CA 93110*

The public is welcome to attend and testify at any of the LOSSAN member agency locations listed above, all of which are accessible to the public. For more information, please contact LOSSAN Rail Corridor Agency staff, at (714) 560-5598 or e-mail [malonso@octa.net](mailto:malonso@octa.net), for specific meeting room locations at least 72 hours in advance of the meeting.

## 2024 TECHNICAL ADVISORY COMMITTEE Technical Advisory Committee - Membership Roster

	Member Agencies	Appointee	Alternate
North	San Luis Obispo Council of Governments	Lance Okuno	Tim Gillham
	Santa Barbara County Association of Governments	Aaron Bonfilio	Whitney Rush
	Ventura County Transportation Commission	Aubrey Smith	Claire Grasty
Central	Los Angeles County Metropolitan Transportation Authority	Jay Fuhrman	Vacant
South Central	Orange County Transportation Authority	Alexis Murillo-Felix	Megan Taylor
	Riverside County Transportation Commission	Sheldon Peterson	Vacant
South	San Diego Metropolitan Transit System	Brent Boyd	Julia Tuer
	North County Transit District	Katie Persons	Karen Tucholski
	San Diego Association of Governments	Pete Casellini	Anna Devers

## Call to Order

### 1. Public Comments

At this time, members of the public may address the Technical Advisory Committee regarding any items within the subject matter jurisdiction of the Technical Advisory Committee, but no action may be taken on off-agenda items unless authorized by law. Comments shall be limited to three (3) minutes per speaker unless different time limits are set by the Chairman subject to the approval of the Technical Advisory Committee.

## Consent Calendar

### 2. Approval of Minutes

*James Campbell*

## Discussion Calendar

### 3. Equipment Update

*James Campbell*

#### Overview

Staff will provide an update on the statewide redeployment plan for the state-owned bi-level cars and options for consideration to add equipment to support service growth.

### 4. Upcoming Draft Board Agenda Items

*James D. Campbell*

#### Overview

Overview of upcoming draft agenda items for the Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency Board of Directors' September meeting.

### 5. Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency Update

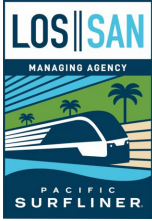
### 6. Technical Advisory Committee Members' Report

### 7. Adjournment

The next regularly scheduled meeting of this Committee will be held:

**Thursday, October 3, 2024**

*Orange County Transportation Authority  
550 Building  
550 South Main Street,  
Orange, CA 92868*



# Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency **TECHNICAL ADVISORY COMMITTEE**

**JULY 11, 2024, TAC MEETING MINUTES**

The Los Angeles – San Diego – San Luis Obispo (LOSSAN) Rail Corridor Agency (Agency) Technical Advisory Committee (TAC) met on July 11, 2024, at the San Diego Association of Governments offices.

## **Committee members in attendance:**

Peter Casellini, SANDAG  
Anna Devers, SANDAG  
Aaron Bonfilio, SBCAG  
Aubrey Smith, VCTC  
Jay Fuhrman, LA Metro  
Megan Taylor, OCTA  
Alexis Murillo-Felix, OCTA  
Katie Persons, NCTD  
Brent Boyd, MTS  
Lance Okuno, SLOCOG

## **Welcome and Introductions**

Mr. Kristopher Ryan, LOSSAN Chief Finance Officer, opened the July 11, 2024, LOSSAN Agency TAC meeting and welcomed the TAC members to the San Diego Association of Governments offices.

### **1. Public Comments**

## **CONSENT CALENDAR**

### **2. Approval of Minutes**

*A comment ensued on the meeting minutes to include Anna Dever's on the June attendance. There was no further discussion. Peter Casellini (SANDAG) motioned to approve the item. The Committee approved the Consent items.*

## **DISCUSSION CALENDAR**

### **3. LOSSAN Rail Corridor Coastal Resiliency Update**

*Mr. David Berryman (LOSSAN), Mr. Dan Phu (OCTA), and Mr. Peter Casellini (SANDAG) provided a PowerPoint presentation on the update of the latest challenges being faced by coastal erosion and efforts underway to ensure the resiliency of the rail corridor's future.*

*There was no further discussion.*

**4. Upcoming Draft Board Agenda Items**

Mr. Ryan (LOSSAN) provided a brief overview of the agenda items for the July 15, 2024, LOSSAN Agency Board of Directors' meeting.

*A question ensued on one of the topics on the agenda. There was no further discussion.*

**5. Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency Update**

An update was given on the current ridership and a summer schedule for the upcoming events including Del Mar Races and Comic Con was given.

*A comment ensued on the service openings and summer schedules. There was no further discussion.*

**6. Technical Advisory Committee Members' Report**

*Mr. Peter Casellini (SANDAG) provided an update on the environmental effort on the San Diego LOSSAN Rail Realignment project.*

*Ms. Anna Devers (SANDAG) mentioned the California Passenger Rail Summit.*

*Mr. Lijia Zhang (HSR) mentioned the approval of Palmdale to Burbank Environmental.*

*Mr. Brent Boyd (MTS) mentioned a signage project between old town and Santa Fe Depot. Also, an extra line will be held for Comic Con for the 4 days, and the mention of the Copper Line that is coming in October.*

Mr. Aaron Bonfilio (SBCAG) mentioned the allocation from CTC for a grant on the Goleta Train Station.

**7. Adjournment**

The next regularly scheduled meeting of this Committee is scheduled to be held on:

**Thursday, September 5, 2024**

*Los Angeles County Metropolitan Transportation Authority*

*Henry Huntington Room, Third Floor*

*One Gateway Plaza,*

*Los Angeles, CA 90012*

*1:15pm – 2:45pm*





# Pacific Surfliner Equipment Update

LOSSAN Technical Advisory Committee | September 5, 2024





# Pacific Surfliner Equipment

- The Pacific Surfliner service has been utilizing bi-level cars since 2000
- 39 custom Surfliner cars were purchased new by Amtrak and 10 cars by the California Department of Transportation (Caltrans) between 1998-2001 for specific use on the Pacific Surfliner service
- Over the years, as ridership grew, additional cars were needed to lengthen trainsets and add more service
- The additional cars were leased from Amtrak's long-distance bi-level Superliner and regional single-level Horizon fleets

# Pacific Surfliner Equipment Reduction

March 2020 - ridership dropped significantly due to the COVID-19 pandemic.

Level of service was reduced 50-percent

Fleet size was reduced 29-percent

Equipment Type		Feb 2020	May 2021	May 2024
Locomotives	SC-44 Charger	14	14	14
	GE P-40 / P-42 Genesis	4	-	-
Amtrak Long-Distance Bi-Levels	Superliner Coach	15	8	9
	Superliner Coach / Baggage	4	-	-
	Superliner Sightseer Lounge	1	1	1
Single-Level	Horizon	16	-	-
	Amfleet	1	-	-
Surfliner Bi-Levels	Surfliner Coach / Baggage	11	11	11*
	Surfliner Coach	18	21	21*
	Surfliner Café	10	10	10
	Surfliner Business Class	10	10	10
TOTALS	<b>Total Locomotives</b>	<b>18</b>	<b>14</b>	<b>14</b>
	<b>Total Cars</b>	<b>86</b>	<b>61</b>	<b>62</b>

\* 1 coach / baggage and 2 coaches are currently out of service due to a vehicle strike in December 2023.

# California Intercity Passenger Car History

There has been a need for additional equipment since before to the COVID pandemic

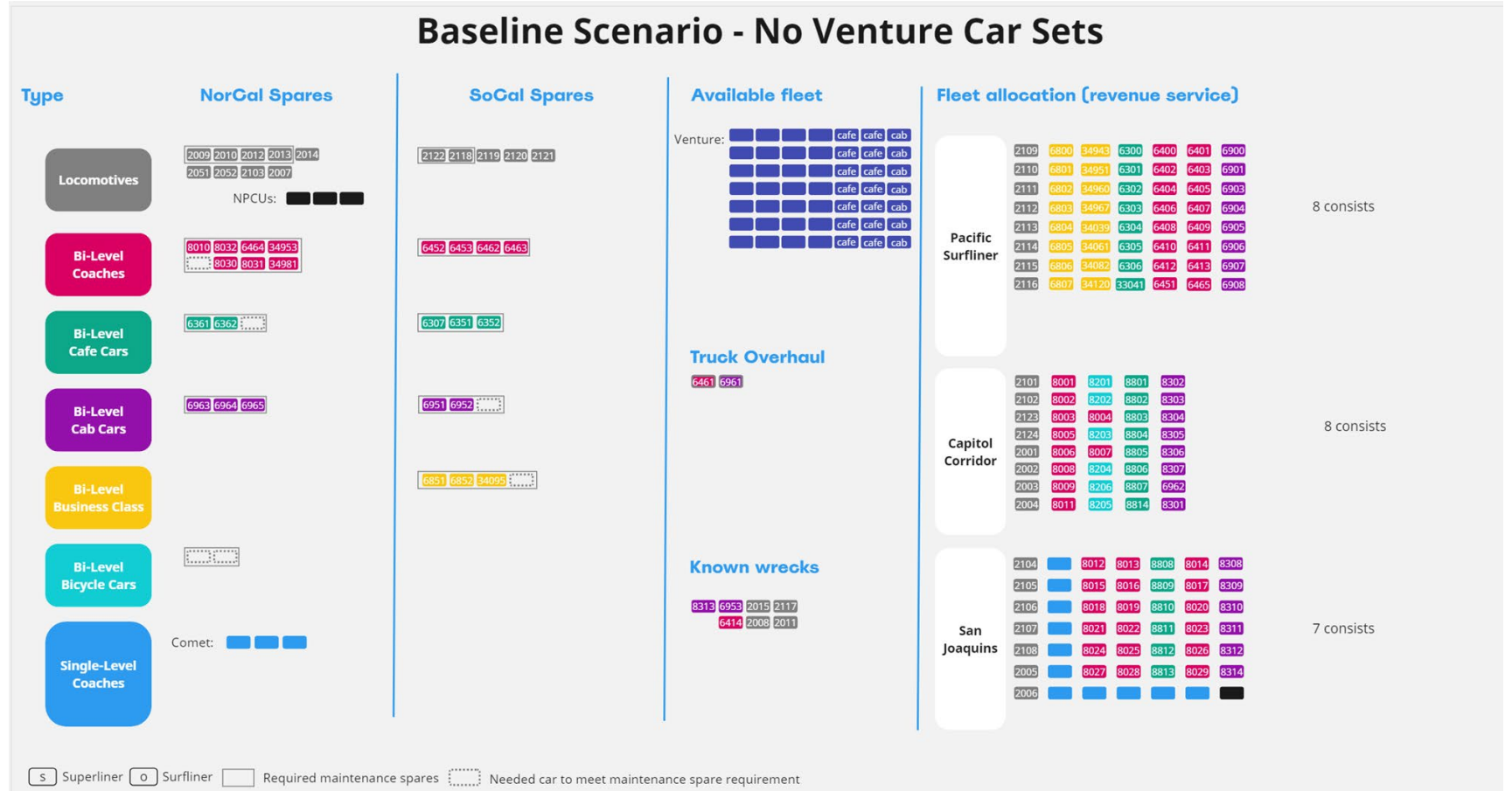
In 2017, Caltrans placed an order for seven 7-car trainsets of the new Siemens, single-level Venture cars.

- Various issues have delayed deployment by several years.
- First coach cars began going into revenue service in December 2023
- Cab cars are not anticipated to be in service until fall 2024
- Food service cars are not expected to be in service until July 2025.



# California Equipment Redeployment Plan

A fleet redeployment plan for the existing Surfliner and California 1 bi-level equipment was developed in originally in 2022 and was updated earlier in 2024.



# California Equipment Redeployment Plan

The update made to the plan in 2024 was to account for delays, as well as several additional overhaul projects and equipment work that was not included in the original plan prepared in 2022.

This included:

- Adjustment to reflect further delay in Venture car deployment
- Truck and door overhaul programs necessary for the state-owned bi-level cars to remain in SOGR
- Extensive rebuilding of some bi-level cars due to incidents that have occurred over the past two years, which have taken some cars out of service



# California Equipment Redeployment Plan

As Venture trainsets enter service, equipment will be redeployed to the Pacific Surfliner

No. of Venture Sets in Revenue Service		0	2	3	4	6	7
Equipment Type		Baseline (Oct 2023)	Phase 1 (Apr 2024)	Phase 2 (Oct 2024)	Phase 3 (Dec 2024)	Phase 4 (Jun 2025)	Phase 5 (Dec 2025)
Locomotives	SC-44 Charger	14	14	14	14	14	14
	GE P-40 / P-42 Genesis	-	-	-	-	-	-
	NPCU <sup>2,3</sup>	-	2	2	2	2	2
Amtrak Long-Distance Bi-Levels	Superliner Coach	9	9	10	11	11	11
	Superliner Coach / Baggage	-	-	-	-	-	-
	Superliner Sightseer Lounge	1	1	1	1	1	1
Single-Level	Horizon	-	-	-	-	-	-
	Amfleet	-	-	-	-	-	-
	Comet Coach <sup>3</sup>	-	7	7	7	7	7
California Bi-Levels	California 1 Coach	-	-	-	-	1	3
	Surfliner Coach / Baggage	11 <sup>1</sup>	11 <sup>1</sup>	11 <sup>1</sup>	13 <sup>1</sup>	14 <sup>1</sup>	14 <sup>1</sup>
	Surfliner Coach	21 <sup>1</sup>	21 <sup>1</sup>	21 <sup>1</sup>	22 <sup>1</sup>	23 <sup>1</sup>	23 <sup>1</sup>
	Surfliner Café	10	10	10	10	11	12
	Surfliner Business Class	10	10	10	10	10	10
TOTALS	<b>Total Locomotives</b>	<b>14</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
	<b>Total Cars</b>	<b>62</b>	<b>69</b>	<b>70</b>	<b>74</b>	<b>78</b>	<b>81</b>

<sup>1</sup> One cab and two coaches are out of service due to wreck damage

<sup>2</sup> Non-Powered Control Unit

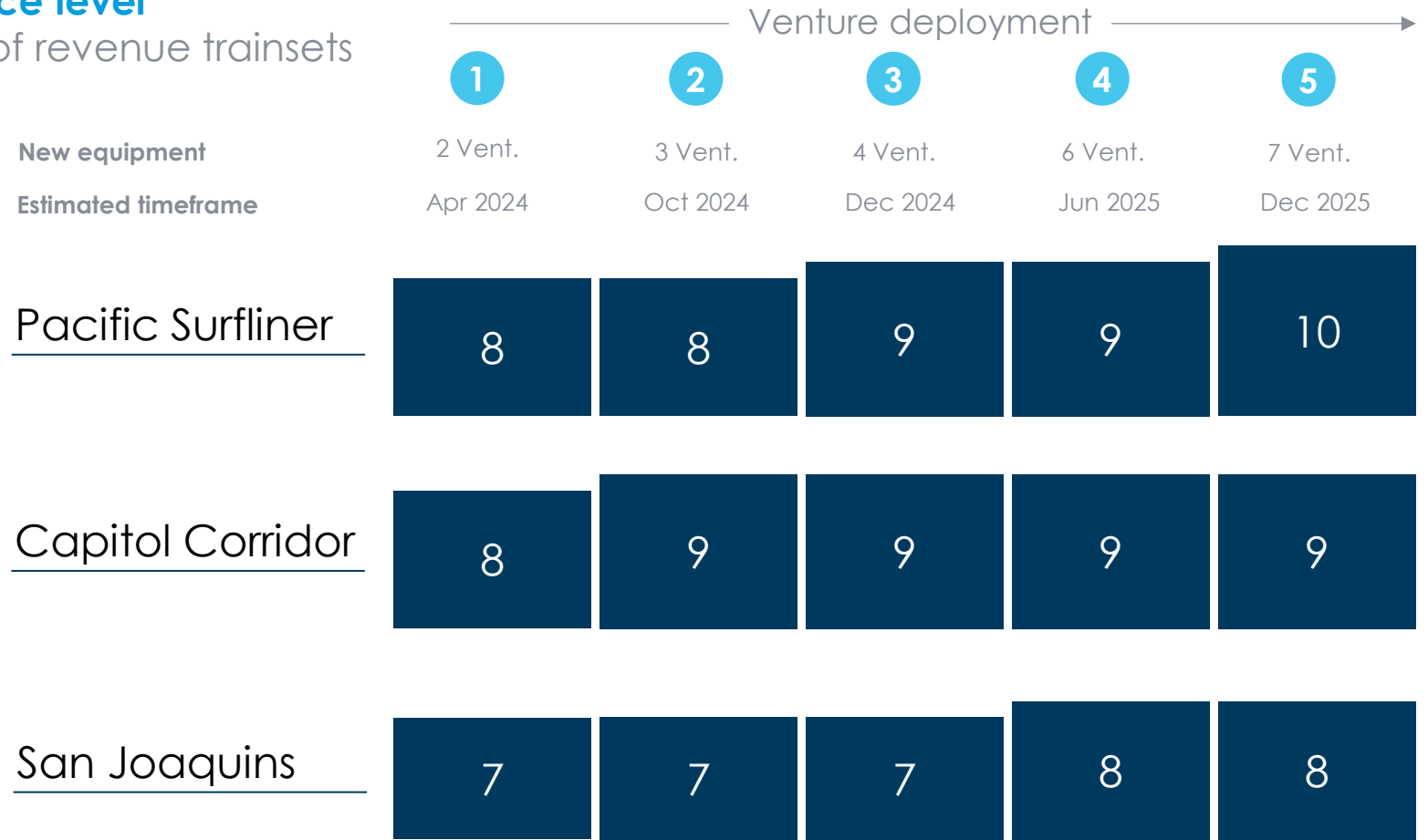
<sup>3</sup> Special event use only

# California Equipment Redeployment Plan

Deployment of Venture cars enables an increase of four trainsets – enough to restore pre-pandemic service levels

## Service level

in # of revenue trainsets



# Equipment Needs for Service Growth

Options for expanding service and capacity beyond pre-pandemic service is limited in the near-term (2025-2030).

Options being considered include:

- Evaluate the feasibility of procuring additional trainsets of the new Siemens, single-level Venture cars
- Lease Amtrak equipment again as cars become available
- Utilize available state-owned single-level Comet cars



# Equipment Needs for Service Growth

Options for expanding service and capacity beyond pre-pandemic service is limited in the longer-term (2030+).

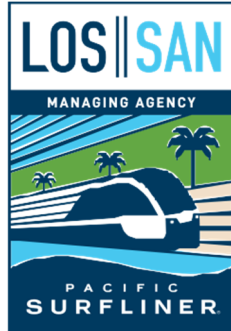
Options being considered include:

- Develop specifications for a new bi-level procurement that can support state's zero emission goals
- Identify segments of corridor where procured ZEMU's can operate to meet demand



QUESTIONS?





**Los Angeles – San Diego – San Luis Obispo  
Rail Corridor Agency**

**DRAFT**

**Upcoming Agenda Items  
Board of Directors Meeting  
September 16, 2024**

- Amendment to Abbi Social Media Contract to exercise first option term
- Amtrak FFY25 Operating Agreement
- Equipment Update