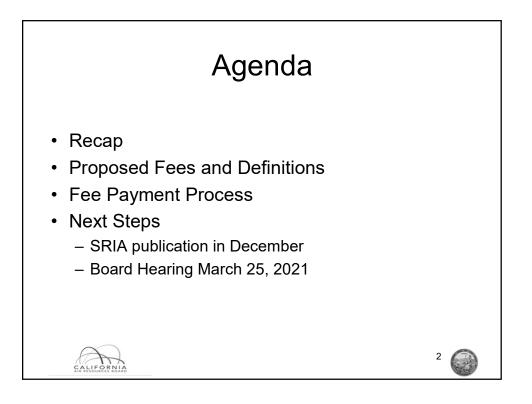
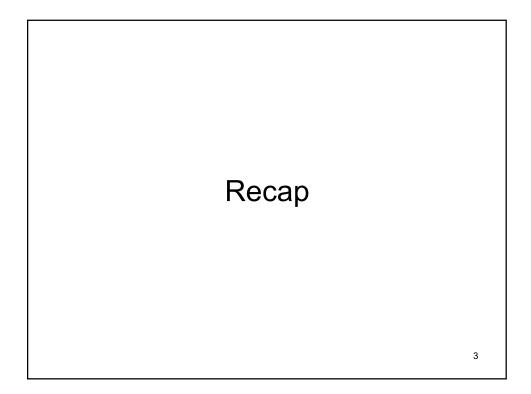
## Mobile Source Certification and Compliance Fee Workshop

## Aftermarket Parts, Retrofits, At-Berth Technologies

November 19, 2020 1 PM







Mobile Source (MS) Program Executive Order (EO) Categories							
O Number Series		EO Number Series	Торіс				
	On-Road Vehicles and Engines		Off-Road Vehicles and Engines (Cont'd)				
А	New Cars, Light/Medium/Heavy-Duty Vehicles/Engine	U-U	New Small Off-Road Spark - Ignition Engines/Equipment				
м	New Street-Use Motorcycles	U-W	New Spark - Ignition Marine Engines/Watercraft				
N	New On-Road Heavy-Duty Exempt Engines		Evaporative Components				
Р	New Federal AB965 Cars & Light-Duty Trucks	G	Portable Fuel Containers (PFCs) Certified For Use In California				
	GHG Phase 2	RM	Evaporative components for Spark-ignited Marine Water Craft				
А	P2 GHG Vehicle /ZEP	Q	Small Off-Road Engines - Evaporative Components				
AT	GHG Trailer		Aftermarket Parts				
AD	GHG Aerodynamic Components	В	Alternative Fuel Retrofit Certification				
	Off-Road Vehicles and Engines	С	Experimental Permits				
U-G	Electric Golf Carts	D	Aftermarket Part Exemptions				
	New Off-Road Large Spark-Ignition (LSI) Engines/Equipment	к	Aftermarket Critical Emission Control Parts for Highway Motorcycle				
	New Emission Compliant ("Green Sticker") Off-Road Motorcycles, All-Terrain/Utility/Sport Vehicles, Sandcars		Retrofits				
	New Emission Non—Compliant ("Red Sticker") Off-Road Motorcycles & All-Terrain Vehicles	DE	Verification of Diesel Emission Control Strategies (On/Off Road, SS, Harbor Craft, TRU, RTG) for In-Use Diesel Engine Regulations				
U-R	New Off-Road Compression - Ignition Engines	AB	Alternative Control Technologies (e.g. Bonnets) verification/approve for At-Berth regulation				

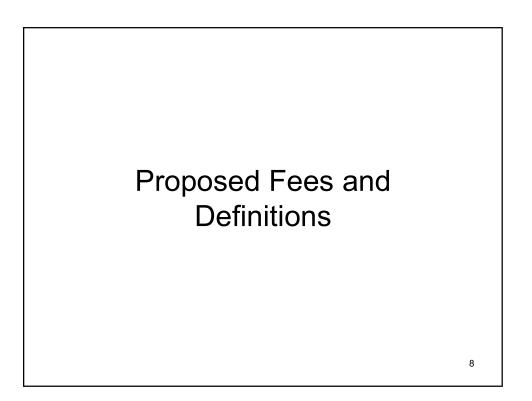


## Fee Cost Impacts on Manufacturers

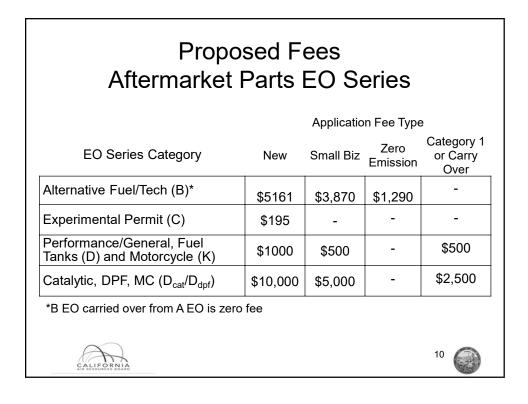
- Using CARB costs per application, what impact will the fee costs have on:
  - the number of applications
  - California production
  - vehicle/equipment pricing
  - impact your business model
  - type of financial hardship (if any) for your business
  - any factors that are not currently being considered, but you believe should be considered when establishing new certification fees

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## Aftermarket Parts Program (B, C, D, and K E.O. Series)

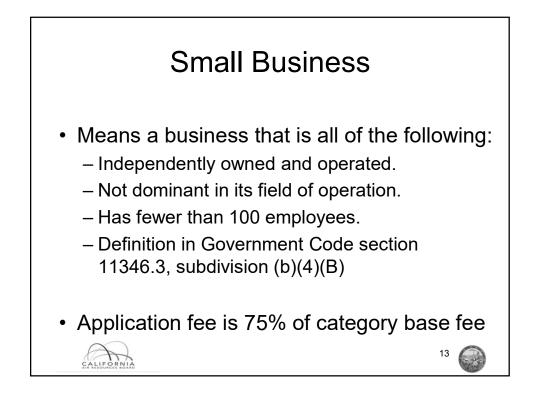


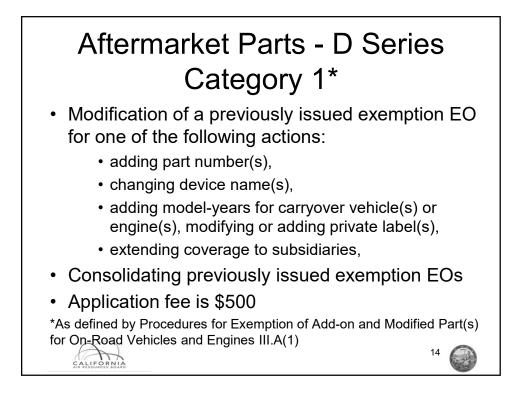
Alternative Fuel Retrofit Systems No fee for B Series EO carried over from A Series EO

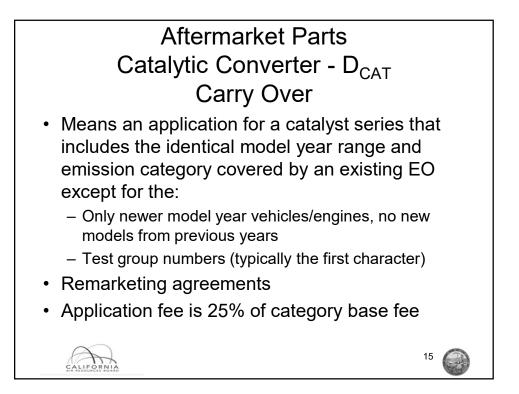
- Applications submitted for new alternative fueled LD, MD and HD are subject to A series fee
- A manufacturer may request to carry over its data from its A series EO to generate a B series EO per 13 CCR section 2030 (c).
- Staff reviews application once and generates A and B series EOs.
- No additional fee for B series EO. Only A series fee will apply if carryover application submitted within 30 days of A series EO issuance.

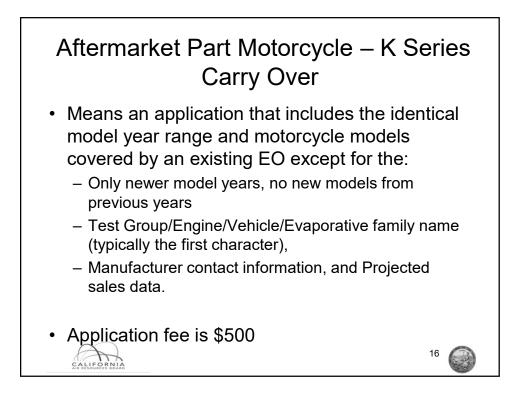


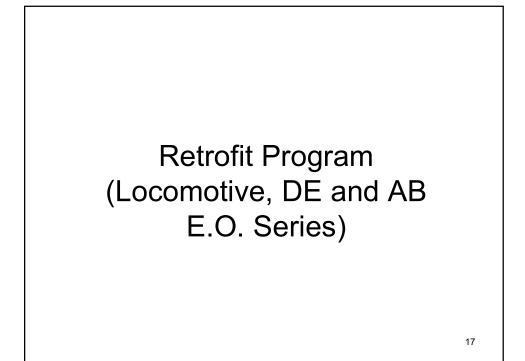
- A mobile source technology that produces zero exhaust emissions of any criteria pollutant (or precursor pollutant) or greenhouse gas, excluding emissions from air conditioning systems, under any possible operational modes or conditions.
- Application fee is 25% of category base fee



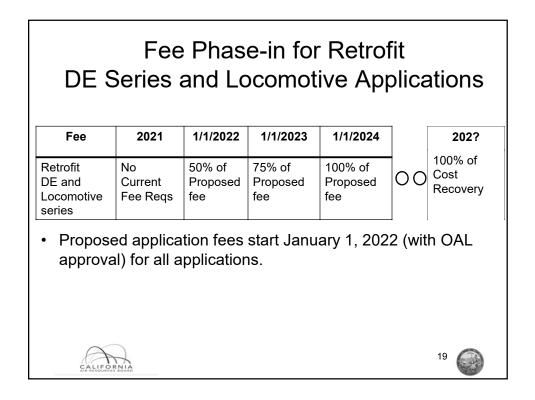


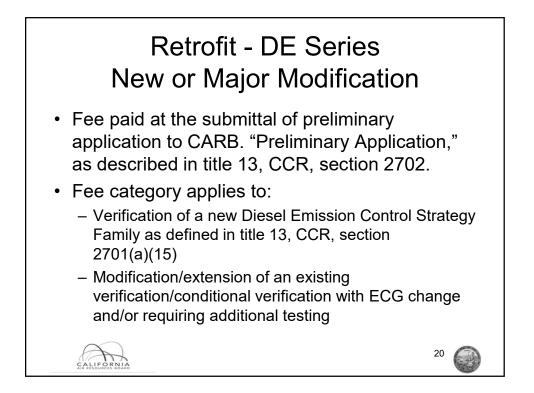


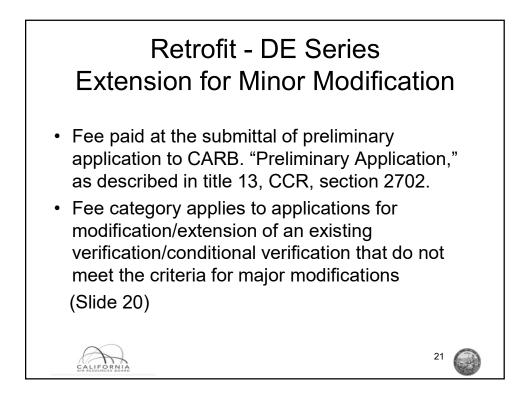


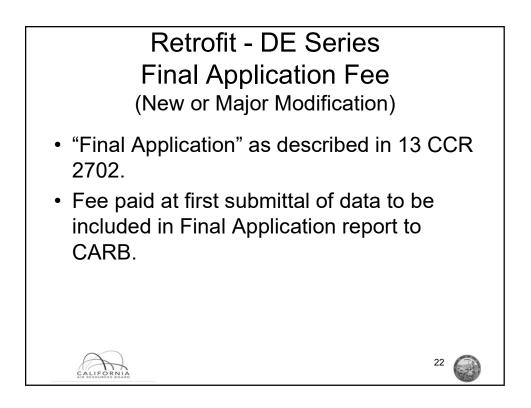


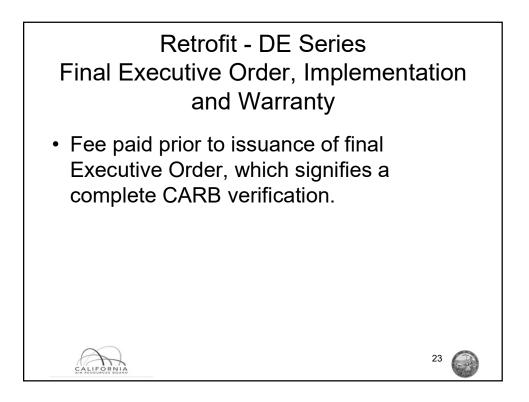
Proposed Fees Retrofits: DE Series and Locomotive Application Type								
	New DE Application or Extension that Includes a New ECG or Other Major Modification		Minor Extension Other than Major	In-Use Field	In-Use Emissions			
	Preliminary	Final	EO Fee, Implementation and Warranty	Modification	Testing	Testing		
DE	\$48,075	\$24,038	\$24,038	\$24,038	\$12,019	\$24,037		
Small Business	\$36,056	\$18,028	\$18,028	\$18,028	\$9,014	\$18,028		
Locomotive	\$18,434	-	\$73,738*	-	-			
Small Business	\$13,826	-	\$55,304*	-	-			
*For Locomotive, fee before issuance of verification letter								
CALIFORNIA 18						18		

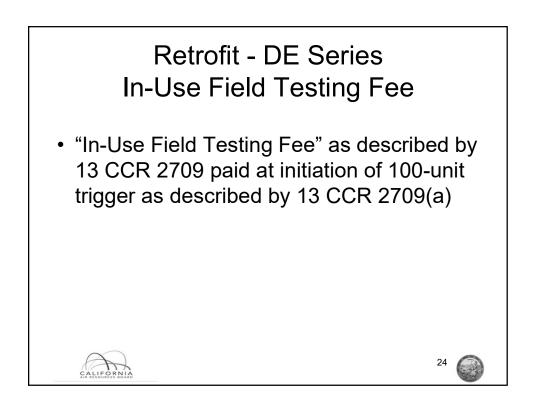


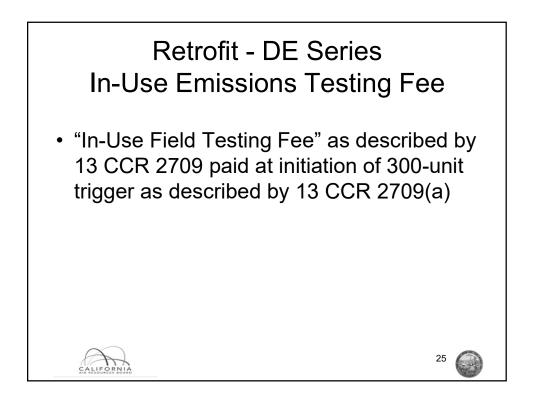


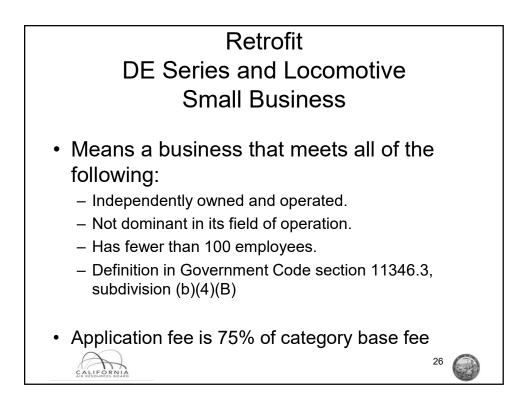


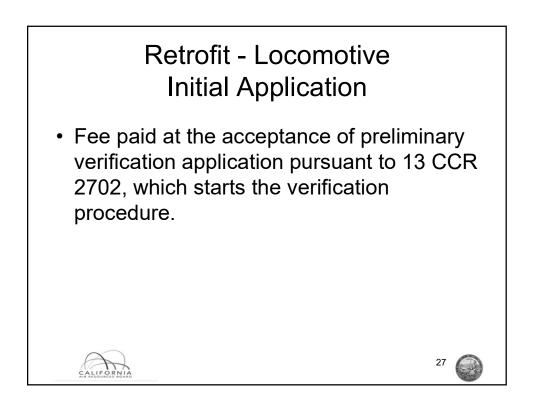


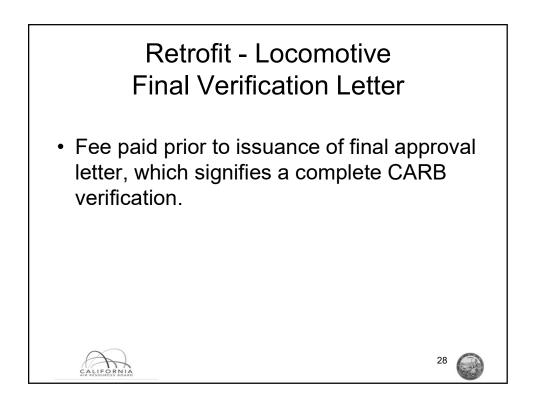




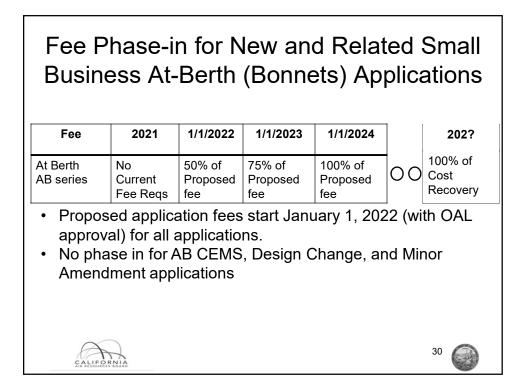


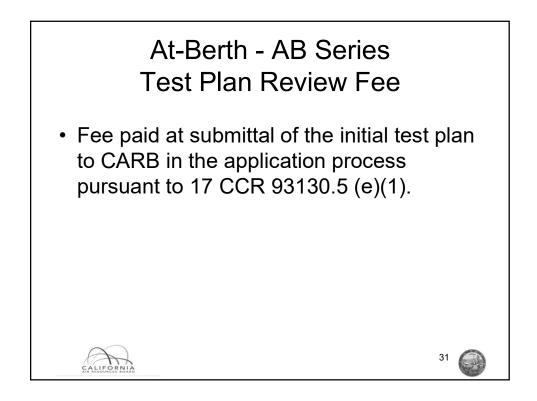


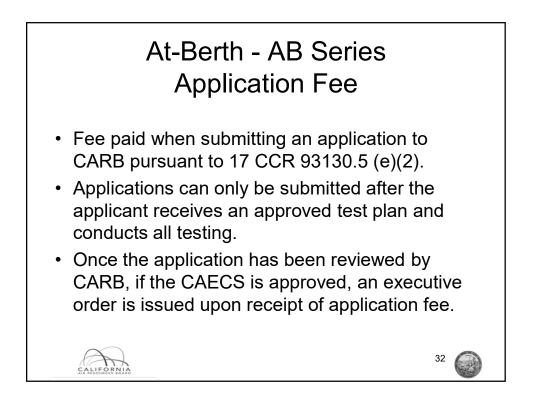


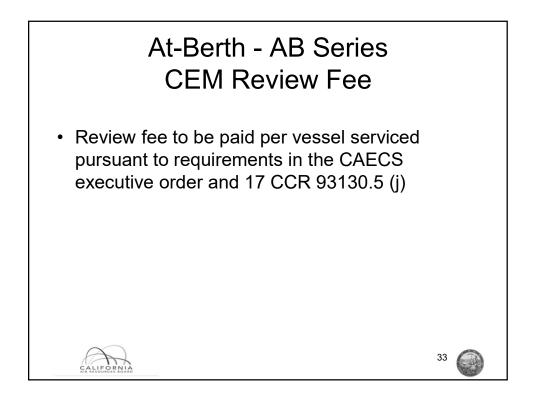


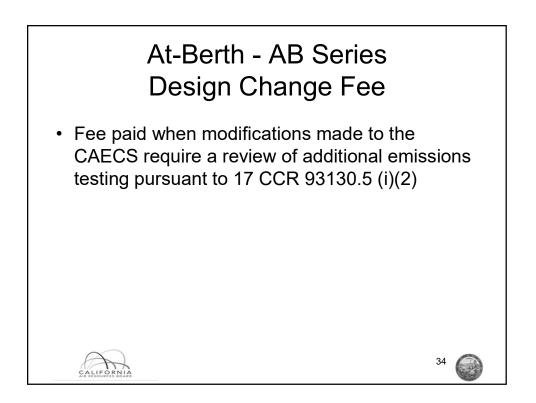
AB Series – CAECS (Bonnets)	Base Fee	Small Business Fee
Test Plan review	\$10,156	\$7,617
Application Fee	\$25,390	\$19,043
CEMS Review (per vessel visit)	\$254	\$191
Design Change Fee	\$10,156	\$7,617
Minor Amendment	\$2,031	\$1,523

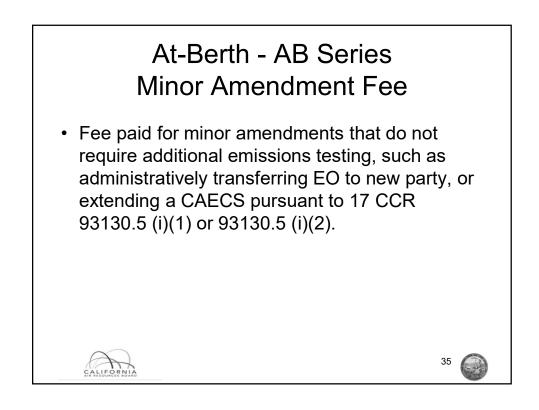


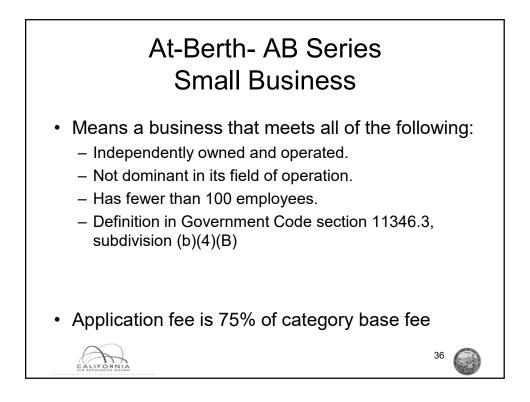


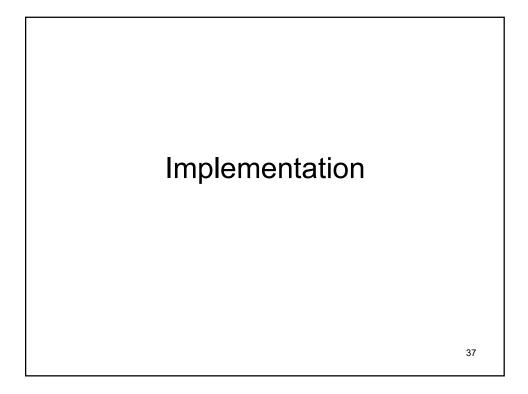


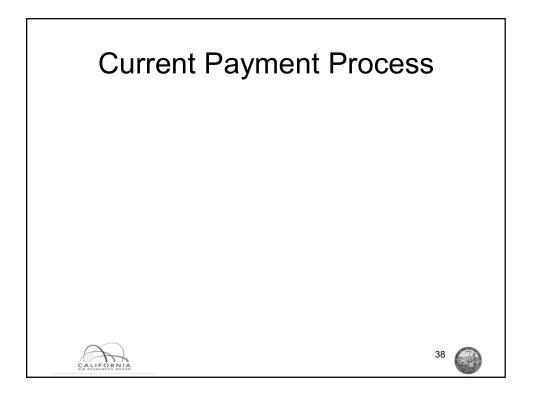














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