

**MARVEL STUDIOS**

# ECHO

**EPISODE 5**

MARVEL STUDIOS  
Presents

A  
KEVIN FEIGE  
Production

MARVEL STUDIOS  
**ECHO**

Directed by .....SYDNEY FREELAND  
Written by .....AMY RARDIN  
and STEVEN PAUL JUDD  
& ELLEN MORTON  
and CHANTELE M. WELLS

BASED ON THE MARVEL COMICS

Executive Producers.....KEVIN FEIGE  
STEPHEN BROUSSARD  
LOUIS D'ESPOSITO  
BRAD WINDERBAUM  
VICTORIA ALONSO  
RICHIE PALMER  
JASON GAVIN  
MARION DAYRE  
SYDNEY FREELAND  
Co-Executive Producers ..... JENNIFER L. BOOTH  
AMY RARDIN  
Line Producer.....JASON TAMEZ  
Director of Photography ..... KIRA KELLY, ASC  
Production Designer ..... CHRIS TRUJILLO  
Edited by .....CHRIS MCCALEB, ACE  
SHELBY HALL  
TANIA GODING

Unit Production Manager ..... JOHN BURTON WEST  
First Assistant Director .....DOUGLAS PLASSE  
Second Assistant Director ..... KATY GALOW  
Costume Designer ..... AMBRE WRIGLEY  
Visual Effects Supervisors..... JOHN HALEY  
KAREN HESTON-PECK  
Visual Effects Producers ..... TRICIA PIFER  
JOE GREENBERG  
Music by.....DAVE PORTER  
Music Supervisors..... DAVE JORDAN  
JUSTINE VON WINTERFELDT

Casting by ..... SARAH HALLEY FINN, CSA  
KRISTA HUSAR, CSA

Marvel Studios would like to extend our deep gratitude  
to the Choctaw Nation of Oklahoma for their collaboration  
on this series.



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Georgia Film Office, a division of the Georgia Department of  
Economic Development

Second Unit Directors..... MARC SCIZAK  
PAUL JENNINGS  
Supervising Producers ..... ELEENA KHAMEDOOST  
CHRISTINA D. KING  
KEN KRISTENSEN  
Consulting Producer and ASL Master .....DOUGLAS RIDLOFF  
Consulting Producers ..... CHANTELE M. WELLS  
JESSICA MECKLENBURG  
DARA RESNIK  
Co-Producer ..... JOSH FELDMAN  
Executive Story Editors..... STEVEN PAUL JUDD  
SHOSHANNAH STERN  
BOBBY WILSON  
REBECCA ROANHORSE  
Staff Writer.....ELLEN MORTON  
Visual Development Supervisor ..... RODNEY FUENTEBELLA  
VP Visual Effects..... ERIC SCOTT  
VP Post Production..... JON GOLDSMITH  
Supervising Sound Editors .....CHRIS GRIDLEY  
JON BORLAND  
Re-Recording Mixers ..... KAROL URBAN, CAS  
CHRISTOPHER BARNETT  
Creative Finishing Supervisor..... EVAN JACOBS  
Score Supervisor/Supervising Music Editor... ANELE ONYEKWERE  
Consulting Producer ..... SARAH HALLEY FINN

**CAST**

Maya Lopez/Echo ..... ALAQUA COX  
Henry Black Crow Lopez..... CHASKE SPENCER  
Chula..... TANTOO CARDINAL  
Skully..... GRAHAM GREENE  
Bonnie.....DEVERY JACOBS  
Biscuits ..... CODY LIGHTNING  
Wilson Fisk/Kingpin .....VINCENT D'ONOFRIO  
William Lopez..... ZAHN MCLARNON  
Zane.....ANDREW HOWARD  
Young Maya ..... DARNELL BESAW  
Taloa ..... KATARINA ZIERVOGEL  
Lowak ..... MORNINGSTAR ANGELINE

Tuklo .....	DANNIE MCCALLUM	Chula Stunt Double .....	MICHELLE ROSE
Young Chula .....	ISABELLA MADRIGAL	Henry Stunt Double .....	KYLE WEISHAAR
Chen-Ke .....	WILLIAM BELLEAU	Biscuits Stunt Double .....	BEN BALZOVICH
Young Bonnie .....	WREN ZHAWENIM GOTTS	Maya Driving Double .....	CRYSTAL HOOKS
Caroline .....	GERALDINE KEAMS	Maya Motorcycle Double .....	JOLENE VAN VUGT
Shikoba/Emcee .....	DALLAS GOLDTOOTH	Bonnie Stunt Double .....	YESSENIA COSSIO
Ramona .....	TINA LAMEMAN	Zane Stunt Double .....	COURTLAND FULLER
Davy .....	OMID ZADER	Stunt Drivers .....	DUSTIN NELSON
Edgar .....	SETH AUSTIN		JOEL BRAMBILA
Ancestors .....	BRAYDEE CARDINAL		LOUIE NORTHERN
	PANTHER TIWA		REGIS HARRINGTON
	ACOSIA RED ELK		
	ELIZABETH FRANCES		
	JULA HARJO		
	CRICKETT TIGER		
	CHEROKEE JACK		
	DAVID MIDTHUNDER		
	DOC NATIVE		
	ANTHONY "THOSH" COLLINS		
	PHILLIP BREAD		
	SETH FAIRCHILD		
Ottertrail Drummers .....	JEREMY MERRIMAN		
	AL SANTOS		
	AL SANTOS, JR.		
	MAX YAMANE		
	JAMISON CONCHA		
	CHARLES H BACKUS III		
	LEWIS PERKINS		
	WENDALL POWLESS		
Ottertrail Singers .....	MARIA IRIZARRY		
	NICOLE PAVATEA		
	JOAN REIGNER		
	ALYSSA JARAMILLO		
Thunder Boys Drummers .....	NICHOLAS LIMPY		
	CACTAS RUNSABOVE		
	XAVIER LITTLEHEAD		
	JOSEPH SMITH		
	JORDAN STASSO		
	CORY CHAVEZ		
	TOBY RHOADS		
	THERIEN PASKEMIN		
Thunder Boys Singers .....	MIKAYLA HORSE		
	BRANDY NARCOMEY		
	CHANTE FALCON		
Voice of Bill Fisk .....	RICHIE PALMER, SR.		
Voice of Marlene Fisk .....	ML GEMMILL		
Patrick Kiernan .....	HIMSELF		
Errol Louis .....	HIMSELF		
Voice of Little Girl .....	KINGSLEY GOLDSMITH		
Billy Jack .....	BUZZ		
Stunt Coordinator .....	MARC SCIZAK		
Co-Stunt Coordinator .....	KEITH CAMPBELL		
Key Stunt Rigger .....	KYLE WEISHAAR		
Fight Coordinators .....	LOYD BATEMAN		
	MIKE WILSON		
Asst. Fight Coordinator .....	CHRISTOPHER TROY		
Stunt Office Administrator .....	CHRIS NAYLOR		
Maya Stunt Double .....	CAITLIN DECHELLE		
Kingpin Stunt Double .....	JOSH DIOGO		
		Stunt Performers	
			HENRY AMOS
			STEVEN ATKINSON
			FELIX BETANCOURT
			BRYANT BURNETT
			JEFFERSON COX
			JUSTIN EATON
			TONY FALCON
			DEAN GRIMES
			JT HOLT
			KARIN JUSTMAN
			BRANDY LEWIS
			TAYLOR MCDONALD
			MATT MURRAY
			CHRIS NAYLOR
			LLOYD PITTS
			GREG DELA RIVA
			RONNIE SHALVIS
			JOHN SHIM
			BOBBY D. SOURIS
			PAUL TRUNZ
		Stand-Ins .....	MANOEL VASCONCELOS
			MARIA ALMENDROS
			HOPE JORDAN
			LENNOX SEWNATH
			JON HUNT
		BG Powwow Arena Coordinator .....	MICHAEL ROBERTS
		Supervising Art Director .....	SEAN BRENNAN
		Set Decorator .....	MELISA JUSUFI
		Art Directors .....	LAUREN ABIOUNESS
			CHRIS YOO
			ERIC JOHNSON
		Assistant Art Directors .....	ALAN LAMPERT
			JAIME MARIN
		Concept Illustrators .....	MATTHIAS BEEGUER
			LAURENT BEN-MIMOUN
		Lead Set Designer .....	THOMAS MACHAN
		Set Designers .....	CHRIS MCGEE
			MEGAN NARDUZZI
		Art Department Coordinator .....	ADDIE BABCOCK
		Digital Asset Manager .....	CHASE KLIBER
		Specialist Set Designer .....	CHRISTOPHER WARD
		Graphic Designer .....	JAMES HALL
		Art Department Production Assistants .....	GRACIE SCHRECEGOST
			BAILEY GATES

Storyboard Artists.....	JEREMY SIMSER SIMEON WILKINS SHERMAN KEW ED LAROCHE AARON SOWD	Music Editors.....	ANNLIE HUANG ERIC WEGENER ROGER KOSTECK
Head of Visual Development.....	RYAN MEINERDING	Assistant Music Editors.....	KRYSTAL JOHNSON REBECCA SHRAND
Visual Development Managers.....	HOLLY MYER AJ VARGAS	Apprentice Music Editor.....	ZACHARY OLSON
Visual Development Coordinator.....	KELLY BURROUGHS	Music Editorial Coordinator.....	ASHLEY ALMADA
Visual Development Concept Artist.....	WINONA NELSON	Supervising Marketing Editor.....	CRAIG TANNER
Visual Development Concept Illustrators		VFX Marketing Editors	
NAOMI BAKER	KEITH CHRISTENSEN	DAVID BLACK	IAN MCCLARREN
IAN JOYNER	ANDREW KIM	GEOFF MURILLO	RYAN O'SULLIVAN
JOSH NIZZI	MUSHK RIZVI	MIKE STONE	AMANDA WOODS
PHIL SAUNDERS	JANA SCHIRMER	Editorial Production Assistants	
HENRIK TAMM	MICHAEL UWANDI	TATYANA ARAVENA	ALEX TOMEO
		JOSH TENEN	CASE CONNER
		JAMIR WHITE	JANSSEN SWENT
		Head of Finishing.....	MORNING STAR SCHOTT
A Camera/Steadicam Operator.....	NICK MULLER	Finishing Production Manager.....	THEA WARREN
A Camera First Assistant.....	ETHAN MCDONALD	Finishing Colorist.....	MATT WATSON
A Camera Second Assistant.....	NICHOLE FIREBAUGH	Finishing Color Assistants.....	KAELA BROWN BRIAN CHANDLER
B Camera Operators.....	BRIGMAN FOSTER-OWENS HUGH BRASELTON	Finishing Data Technician.....	YESOD STONE
B Camera First Assistants.....	DWIGHT O. CAMPBELL ADAM CASTRO	Finishing Conform Editors.....	HR BARNETT DAVID CHRISTENSON
B Camera Second Assistants.....	ALEX WATERS MIKE FITZGERALD PAUL SANDERS	Production Assistant.....	ELIZABETH MOGAYZEL
C Camera Operator.....	JOE ALLEGRO	Additional VFX Supervisor.....	SANDRO BLATTNER
C Camera First Assistant.....	MICHAEL FISHER	On-Set VFX Supervisors.....	DAN AKERS KEVIN RAFFERTY JESSICA CHAMBERLIN
C Camera Second Assistant.....	KYLE FORD	VFX Editor Lead.....	MICHAEL KAMENS
Loaders.....	TOREY LENART COREY BLAKE	VFX Editors	
Utility.....	JACK WACHTEL	KOSTA SARIC	ZEKE MORALES
Digital Imaging Technician.....	DANIEL HERNANDEZ	TYLER WHITMAN	ERIC STAPP
Crane Operator.....	PATRICK BARNES	ANDREW VONA	RON SOUTH
Crane Technician.....	RORY BONNIN	VFX Assistant Editor.....	MARIALYSE VEGA MARTINEY
Still Photographer.....	CHUCK ZLOTNICK	VFX Production Managers.....	DENNIS MURILLO JULIE BROWN VERA BENNETT
Drone Pilot.....	LOUIE NORTHERN	On Set VFX Production Manager.....	MATT EBERLE
Drone Camera Operators.....	JON MYERS DEKE KEENER	VFX Inhouse Artist.....	IAN GLAUM
Drone Visual Safety.....	TRAVIS STEELE	VFX Accountants.....	LANEESA LANIER TONI MESSERVEY
Drone Utility.....	ADAM RIOUX ZACH COST	Assistant VFX Accountant.....	RYAN GRAY
Drone Camera First Assistant.....	JOSH GARY	VFX Payroll Accountant.....	JOSHUA PHILLIP-HUMMEL
Post Production Supervisors.....	KRISTI URIBES JEN BERGMAN	VFX Coordinators	
		STEVEN BAKER	SARAH KAZUKO CHOW
		PATTY HAYES	HANK KILGORE
		TATE PUCHER	KELVIN BARROS ANDRADE
		HELEN CHHEA	Additional VFX Coordinators
		MIKAEL BETRU	CAROLYN NEWES
		ASHLEY NIZICH	AMBER WEST
		SAMANTHA MACDOUGALL	VFX Production Assistants
		RYAN SALAS	VINCENT CASCIANI
		NICOLE CASTILLO	BRIAN ELLIS
		COOPER ERNST	LEONARD PEREZ



Data Wranglers	CASSIE ESPINOZA-OGDEN CALVIN GREER THOMAS HARRIS	Production Controller	RICHARD CASTRO
Junior Data Wranglers	CAMERYN DAVIS IAN BRUNEAU	Production Accountant	JEFFREY NEUMEIER
VFX Witness Camera Operators	NIARA SIMONE ROBINSON KALEE GRIFFIN ANDREW JURKA	First Assistant Accountants	MATT DIGENNARO LINDSEY ELLIS CHERI HALL
On-Set VFX Intern	KEVIN CESPEDES	Second Assistant Accountants	
Production Supervisor	AMY CHANCE	ZACH BRADFORD	ANNA BUTTERMORE
Production Coordinator	MK MARTIN	ANITA LAGRAFF	SCOTT SCHREIBER
Assistant Production Coordinators	ANDY SIRAVANTA GABRIELLE CORNISH	DANIEL STANLEY	NICHOLAS WAGGONNER
Travel Coordinator	KALYNN LITTLETON	Accounting Clerks	CHRIS FLIPPO KRISTEN STEADHAM JOHN UNDERWOOD
Production Secretaries	BETHANY COHEN VASHTI POWELL	Marvel Streaming Accountant	DANIELLA LAGRAFF
Physical Asset Manager	ALEXANDRA HALE	Marvel Streaming Assistant Accountant	CURT KUTSCHER
Asset Warehouse Coordinator	TIM WHITEHEAD	Key Payroll Accountant	KIRSTEN SHORT
Physical Asset Assistant	ALEXA MANUEL	Payroll Accountant	TYLER HANSEN
Environmental Steward	FRANK AMOROSO	Assistant Payroll Accountant	TAYLOR WARD
Second Second Assistant Director	MEGAN MORRISON	Above-the-Line Payroll Accountant	BLAKELY CLARK
Additional Second Assistant Directors	RILEY FLANAGAN MEAGHAN GILLENWATER ADAM LEE	Payroll Clerk	KIAUNNA KING
Key Set PA	DAN DIRKS	Construction Accountant	JIM SCAIFE
Health & Safety Manager	ALEXANDRA CASTELLANOS	Construction Second Assistant Accountant	MONTAE REED
Health & Safety Supervisors	TANEISHA POLK TAYLOR THOMPSON	Construction Payroll Accountant	MIKE REGINA
Script Coordinator	EVA TAYLOR	Construction Payroll Assistant	SAVANNAH MARTIN
Script Supervisor	DEA CANTU	Construction Clerk	ELIZABETH UNDERWOOD
On-Set ASL Recordist	KYLE KING	Choctaw Nation of Oklahoma Team	TERESA BILLY IAN THOMPSON SETH FAIRCHILD STACY SHEPHERD STACY HALFMOON
Lead ASL Interpreter	AMANDA GRAZIAN	IllumiNative	EMI AGUILAR CRYSTAL ECHO HAWK JESSICA MCEVER LEAH SALGADO
	Production Assistants	Cultural Coordinator	PESHAWN BREAD
ROBERT ADAMES	MARTHA ANGER	SFX Supervisor	DAN SUDICK
RAPHAEL BUHAY	STEPHANIE CHUAH	SFX Foreperson	JOEL MITCHELL
DOT DADOUN	ASHLEY DICKEY	SFX Coordinator	MARC BANICH
DEVIN ELLERY	TREY MCPHAUL	Pyro Supervisor	BRUCE MERLIN
MIKE RICHARDS	CHARLIE SURGENT	Pyro Foreperson	CHRIS JOHNSON
BRIDGET WEST		SFX Accountant	CHAD WEAVER
	Health & Safety	SFX Buyer	JOAQUIN GONZALEZ
JALYNN ADAMS	MARCUS BANKS	SFX Plaster Foreperson	TRAVIS HERITAGE
LISA BRYANT	AVERY COLVIN	Design Technician	ETHAN CARNEY
KADEEM GILL	SENETTA GLENN	SFX Moldmaker	DANIEL GREGORY
KYLE GORDON	LONDON HAMMOND	SFX Toolpersons	RUSTY HICKMAN JOEL LANKFORD
JASLYN HARRIS	BLAKE HUGHES		SFX Technicians
PRESTEN JACKSON	LAUREN LAVERE	DAVID HERON	JARED FLEURY
DREW LUCIANI	DEVIN MCKAY	JEFF KNOTT	STEPHEN KNOTT
JOEL NELSON	NAKESHA NJIE	JOSH MITCHELL	MATT MCDONNELL
LAWRENCE OFILI	ERIN PARKER	NICK NOLAN	CARLOS PARK
MARCUS SAMPSON	EVA SEQUENS	JOEL STUDER	THOMAS ZELL
GABE SUGARMAN	RASHEEM TIDWELL	Property Master	RUSSELL BOBBITT
SIMONE WEBSTER	OCEANN WASHINGTON	Co-Property Master	JIM STUBBLEFIELD
KYLIE WITTMER		Assistant Property Master	ASHLEE KYKER
Production ASL Interpreters	ASHLEY CHANGE HENRY ETSITTY AMANDA SHANNON	Property Buyer	ADRIANNE SKRZYPEK
		Property Accountant	KRISTI KING

Property Assistants.....	GRANT OGDEN	Lighting Network Foreperson .....	NICHOLAS COOGAN
	ERIN CHOROSZYLOW	Lighting Network Technicians .....	JEFFREY REID ANDREWS
	LAURA LESTER		NIKOLAS LOPEZ
Property Coordinator .....	KRISTEN TATUM	Basecamp Electrician.....	JIMMY HERRING
Property Administrator.....	KELSEY HICKS	Lighting Technicians .....	FROY MADRIGAL
Property Warehouse Manager.....	KURT ST. JEAN		HAILEY HANNIGAN
Leadperson.....	PAUL DETLEFSON		ED O'HARE
Assistant Set Decorator/Set Dec Buyer .....	MELISSA ARCARO		CHRIS PAULINA
Set Dec Coordinator .....	JESSICA BAKER		CORNELIUS WILLIAMS
Set Dec Buyers.....	MOLLIE ALEXANDER		
	TANYA WEBB	Rigging Electricians	
On-Set Dressers.....	CRAIG JOHNSON	RON BETTS	JACKSON FLYNN
	ALICIA MARCHAND	FERNANDO GARCIA	JAMES HASHIMOTO
Shop Foreperson.....	ZACHARY BARRETT	CARSON MAYNE	DEREK NOEL
Set Decoration Fabricator .....	ROBERT SADAKA	PATRIC WILSON	RYAN BASSO
Upholsterer.....	DAVID DUNGAN	TYRELLE BROWN	AUSTIN BRYAN
Set Decoration Gangbosses .....	KYLE HOWSER	MATTHEW CULLEN	IVAN GUIDEN
	PARKER MORRIS	ERIC ZACHARY FORD	SEAN HELPER
	ROBERT SACCENTI	MATTHEW HODGE	STEVEN KENNEDY
		ALEX LENNEMAN	LATRONN LEWIS
Set Dressers		CAMERON PUGH	KYLE RIPLEY
MICHELE ANDERSON	TERRY COLLINS	ALEXANDER WHARTON	DARIELLE WILLIAMS
CHRISTINE COOK	WILL EGAN		
MATT PARKER	KHALIL GEORGE	Fixtures Technicians.....	STEVEN HARALSON
MATT HALLADAY	THADDEUS HIGGINS		JUSTIN BROCK
SYD HOWELL	CHRIS MCGLAMERY		
DAVID MEAD	KASHIEF MOBARA	Key Grip .....	RUDY COVARUBBIAS
ADAM SCARBROUGH	ANDREW SHEFF	Best Boy Grip .....	ROBERT KRAFT III
PAUL TYSON		A Dolly Grip.....	RALPH SCHERER
Set Decoration Production Assistants.....	KATO LAWTON	B Dolly Grip.....	CRAWFORD RUSSELL III
	NIKKI BLASI	Patriot Car Driver.....	MATTHEW BERNING
	SARAH IMLER	Key Rigging Grips .....	JERRY SANDAGER
	MACKENZIE BEARD		FERNANDO FRAUSTO
Animal Trainers .....	GREG TRESAN	Best Girl Rigging Grip .....	LAUNCELLE BUSTAMANTE
	CAROL TRESAN	Rigging Grip Forepersons .....	TOMMY DONALD
	JOHN MATTHEW CASEY		JASON HAYNES
			MICHAEL TRAVERS
Production Sound Mixer .....	CHRIS GILES	Stratus Rig Technician.....	JUSTIN HARD
Boom Operator .....	JARED WATT	Stabilized Head Technicians .....	ROCKY BABCOCK
Sound Utility.....	BRITTANY MYERS		CHRIS DAWSON
Music Playback .....	JOHN MASKEW	Grips .....	JOSH GRAINGER
Video Assist Operator .....	JESSE OLIVARES		DANNY COOPER
Additional Video Assist Operator .....	JORDAN ELEY		CONOR DAILY
Video Utility .....	CESWANNE LEWIS		JEROME NORMAN
Computer/Video Supervisor.....	ALEXANDER SEARS		ADOLPH STEELE
Computer/Video Playback.....	CHRIS ADAMS		
		Rigging Grips	
Chief Lighting Technicians.....	BOB BATES	JOHN BARBER	RYDER CLEGG
	CARLOS BAKER	HANNAH GORDON	MITCHELL K HOBBY
Assistant Chief Lighting Technician .....	JERRY WHEAT	ERIK KABIGTING	HANNAH LANDIS
Lighting Console Programmer.....	MATT KLANN	DANNY PANGBURN	MALIK PAYNE
Rigging Console Programmers .....	ANTHONY COBB	BRITTANY BLANTON	MITCHELL HOBBY
	MICHAEL KLANN	CHRIS MOORE	RYAN RICHARDSON
Fixtures Foreperson.....	JOEL WARREN	JAMES STILL	DIANA SUSTAITA
Fixtures Best Boy.....	JASON WHITE	BRIAN WILLIAMS	
Fixtures Technicians.....	JUSTIN BROCK		
	PETE KLINGENBURG	Supervising Location Manager .....	RYAN SCHAETZLE
Rigging Chief Lighting Technician .....	TOM FENDLEY	Key Assistant Location Managers .....	KYLE CAREY
Rigging Assistant Chief Lighting Technician.....	BRITT REGAN		JOHNNY CHEN
Rigging Electric Forepersons .....	RICHARD HICKS		ANDREA KEENER
	MATTHEW BARNES		SAMANTHA MERTEN
		Assistant Location Manager/H&S .....	RICKY TYREE

Location Coordinator . . . . .	SLEAN PEAVY	Casting Associate (LA) . . . . .	JACQUELINE GALLAGHER, CSA
Location Scouts . . . . .	RENEE BROCK	Casting Assistant (LA) . . . . .	GREGORY KORN
	JAMES BRADLEY SMITH	Executive Assistant to Ms. Finn . . . . .	ADYLENE VILLANUEVA
	Assistant Location Managers	Casting Assistant (ATL) . . . . .	TASHA WARD
MIKE CAVE	EMORY HESTER	Extras Casting Manager . . . . .	TONY AVALOS
BRANDON PEARSON	REID PITTMAN	Associate Extras Casting . . . . .	MARYMARGARET O'NEILL
HANNAH SHLAPAK	EMILY ORAMA	Unit Publicist . . . . .	JOHN PISANI
	Location Production Assistants	EPK Producer . . . . .	KYLE LEONARD
THOMAS BATLINER	NATE GORDON		BRAD BARUH
DANIEL HOLTZCLAW	EVAN KINGSFIELD	EPK Sound . . . . .	DANIEL FABER
ANDREW ROBERTS		Indigenous Background Casting by . . . . .	MIDTHUNDER CASTING FREIHOFFER CASTING
Assistant Costume Designers . . . . .	KIZZIE MARTIN LILLAS	Production & Development Manager . . . . .	SAMANTHA VINZON
	KRISTINA ELAINE TAYLOR	Executive, Office of Mr. Feige . . . . .	JENNIFER HAMILTON
Costume Supervisor . . . . .	AMANDA STEELEY	Executive Assistant to Mr. Feige . . . . .	MELISSA SCICLUNA
Key Costumer . . . . .	LAUREN DRISKILL	Executive Assistant to Mr. D'Esposito . . . . .	BRIANNA DASILVEIRA
Key Background Costumers . . . . .	ANDREW PATTERSON	Streaming & Animation Executive . . . . .	LIANA OJA
	JENNIFER KAMRATH	Production & Development Manager . . . . .	MATT WILKIE
Set Costumers . . . . .	JUSTIN ARMER	Executive Assistant to Mr. Winderbaum . . . . .	CANDICE HORDE
	RIKI LECOTEY	Assistant to Ms. Booth . . . . .	SANJANA CHOWDHURY
	MICHAEL LUTZ	Assistant to Mr. Tamez . . . . .	ALEC WITTSCHIEBE
	CAITLIN MCCRAW	Assistant to Ms. Freeland . . . . .	DONATELA VACCA
	BENJAMIN GIBICSAR	Assistants to Ms. Cox . . . . .	KLARISSA WEAVER CELINE MCDUFFIE
Truck Costumer . . . . .	MOLLY KAMRATH	Writer's Assistants . . . . .	KAITLYN JEFFERS PALOMA LAMB
Costume Coordinator . . . . .	KAITLYN MARGARET SMITH	Trainer to Ms. Cox . . . . .	ANNE REUSS
Head Ager/Dyer . . . . .	KEITH HUDSON	Studio Teacher . . . . .	CINDY SHERWOOD
Ager/Dyer . . . . .	CAITLEY SYMONS	Construction Coordinator . . . . .	MIKE MILLER
Head Cutter/Fitter . . . . .	BEN WALSH	Construction Co-Coordinator . . . . .	TONY MEDINA
Shoppers . . . . .	QUEENESHA GREGORY	General Foreperson . . . . .	JEFFREY MCMAHON
	VALERIA CHELALA	Paint Supervisor . . . . .	LARRY CLARK
	LA'TARCIA RILEY	Purchasing Foreperson . . . . .	ERIC DEYOUNG
Costumers . . . . .	RYAN DEMPSEY	Plaster Supervisor . . . . .	ERNEST LOPEZ JR.
	JESSIE AIKEN	Lead Sculptor . . . . .	JAMIE MILLER
	JACOB COOPER	Decorator Gangboss . . . . .	BRETT TOMLINSON
	REGINE LINHARES	Greens Coordinator . . . . .	DANIEL GILLOOLY
Costumers (LA) . . . . .	RACHEL SORIANO	Scenic Artist Foreperson . . . . .	RALPH SARABI, JR.
	SARAH CREAGER	Scenic Artists . . . . .	CHAD HOLBROOK SAMUEL PACTOL
	SHANNA KNECHT	Sign Writer Supervisor . . . . .	MICHAEL VASQUEZ
Stitchers . . . . .	SAMANTHA KINGSLAND	Labor Forepersons . . . . .	ALEX AGUILAR RUBEN LAHN AJ URQUIDEZ
	SOPHIA PARRISH	Welding Foreperson . . . . .	CALEB PHILLIPS
	KEUMJA JULIE SHIN	Millshop Foreperson . . . . .	FREDERICK ROBERTS
	REBECCA SHOEMAKER	Sign Writer Foreperson . . . . .	ARCHER WATKINS
Costume Production Assistants . . . . .	ANNA MARIE SCHREIBER	CNC Modeler . . . . .	MARK KLIMKO
	CHRISTINA WEBLING	Buyer . . . . .	JORDAN WATTS
	CASTIELLA LOMAS	Tool Foreperson . . . . .	COLE MILLER
Hair Department Head . . . . .	MICHELLE DIAMANTIDES	On-Set Construction . . . . .	SHANNON MULLINS
Key Hairstylist . . . . .	TRACI WALKER	Greens Gangbosses . . . . .	KIERAN GILLOOLY WILLIAM TRIPPE
Hairstylists . . . . .	AISHA RUSSELL	Stand-by Greens . . . . .	CHASE SHELTON
	TIM BLACKBURN		
Bushto Background Supervisor . . . . .	LOUISA ANTHONY		
Makeup Department Head . . . . .	JILLIAN ERICKSON		
Key Makeup Artist . . . . .	DEVIN MORALES		
SFX Makeup Artist (Ancestors) . . . . .	JONAH LEVY		
Makeup Artists . . . . .	JESSICA CRAIG		
	KELSEY BOUTTE		
	ADAM WALLS		
Atlanta Casting by . . . . .	TARA FELDSTEIN BENNETT, CSA and CHASE PARIS, CSA		

Paint Forepersons.....GREG MUSSELMAN  
LARRY FARRIS  
ELIZABETH HAGGARD  
MIKE TORINO

Greens Forepersons  
MIKE FLYNN CARY GOEN  
OHN HEMPHILL LARRY SCOTT  
MALLORY SHELTON

Propmaker Forepersons  
AMANDO CALHOUN JEREMY ALAN COOK  
JOE COUCH SETH GARDNER  
JOSEPH GRAY DAVID LONG  
WILLIAM MONROE MICHAEL O'NEAL  
DUSTIN PAYNE BILLY ANDREW WADE

Catering by ..... TONY'S CATERING  
Head Chef/Owner..... TONY KERUM  
Chef Driver ..... HOLMES JIM  
Chef Assistants..... WILL ADAN  
GARRY NAZAIRE

Catering Assistants  
EMELY GUADALUPE ADAN GONZALEZ ARALIZ SOBERANIS  
ESTEFANY YANET RODRIGUEZ RUBEN RODRIGUEZ VEGA  
JORGE LUIS FRAGOSO

Key Craft Service..... BRYAN SHANK  
Craft Service Assistants..... FATEMEH AMINI  
INDIA MARTIN  
MICHAEL SAMMOUR  
SHELLEY SMITH

Supervising Medics ..... DERRON DELANEY  
NOAH HOWARD

Set Medic..... SHAWN DELANEY  
Medics ..... SANFORD BARDEN  
MICHELLE STRAUSS  
WILLIAM WILSON

Set Security.....BREA CHILDS  
JASON COLLIER  
JOHN CULLINS  
JACK ROACH

Transportation Coordinator ..... TYSON WEATHERFORD  
Picture Car Coordinator ..... KEN GOLDWASSER  
Transportation Captain..... GARY WEATHERFORD  
Picture Car Dispatcher..... RANDI LAYNE  
DOT Coordinator..... GRAHAM READY  
Picture Car Mechanics.....BEN BLAZAVICH  
CHRIS BRUBAKER  
JORGE CASILLAS

DOT Compliance..... SHANNON YOUNG  
Transportation Dispatchers.....LANA FISHER  
Transportation Production Assistants.....BRETT RENOVA  
PARKER CURTIS

Drivers  
MICHAEL RENOVA  
NORRIS PITTS  
RODNEY CURTIS  
RODNEY AUTREY  
MANUEL CARLEY  
RICKEY CROWE  
KENNETH DOBBS  
CHARLES FARR  
BRIAN GOLDMAN  
SHANE HASTY  
RALPH HOLT  
JOEY HUEY  
DALE JACKSON  
DONNA KOPACZ  
CHARLENE MATTHEWS  
RAYMOND ODELL  
TRACY OXFORD  
VICTOR PULLIAM  
MIKE RODGERS  
AARON SMITH  
SHERRY STANLEY  
CHARLES TENNEY  
MARSHALL TRUMPOUR, SR.  
RAYMOND VICOS  
TIM TWEDELL  
ROBBY WELLS  
HELEN WESTBROOK  
EARL WILSON  
RON YOUNG  
JENNIFER WATKINS  
ZACH OXFORD  
KENNETH GARDNER

Drivers  
SHERI BURTON  
ALFRED BOYKIN  
NIK ALLEN  
DUMONT CAMP  
DAVID CATO  
RONNIE DAVIS  
MIKE DOBBS  
DIMITRI FOTOPOLUS  
KEVIN HARGROVE  
WAYNE HOGAN  
NATE HOWARD  
RICK IVEY  
KEVIN KELLEY  
MIKE LOUGHREY  
GUS NEWTON  
ROBERT OXFORD  
PHIL PARR  
GAYLE RAWLINS  
MITCH SEIGLER  
KRISTIN SMITH  
KEVIN STONE  
MARSHALL TRUMPOUR, JR.  
DERRELL TWEDELL  
TABITHA WALKER-ROGERS  
MATTHEW WATSON  
TRAVIS WELLS  
COUNTESS WILLIAMS  
MATT WITZ  
JOHNNY WOODRUFF  
ROBERT TAYLOR  
COREY JONES  
JEREMY CARLEY

## SECOND UNIT

First Assistant Directors ..... TIM FITZGERALD  
DREW WHITEHOUSE  
CODY WILLIAMS

Key Second Assistant Director ..... KAYLEE JOHNSON

Directors of Photography ..... NICO AGUILAR  
BRIAN PEARSON

Production Supervisor ..... RACHAEL LIN GALLAGHAN  
Assistant Production Coordinator.....OLIVIA GUDE

A Camera Operator ..... RYAN WOOD

A Camera First Assistants..... MATT HEATH  
IAN CAMPBELL

A Camera Second Assistants..... PETER JOHNSON  
DANIEL IRONS

B Camera Operators..... DANNY ECKLER  
KEITH PETERMAN

B Camera First Assistant ..... ROBERTO DELGADO

B Camera Second Assistant.....RODELL FRANCIS

Digital Imaging Technicians .....QAIS KARADSHEH  
KEVIN COLBER

Digital Utility.....LIZ METZ  
KEVIN GASPAR  
FREDERICK WYNN

Camera Loader.....NATHANIEL POOSER

Second Second Assistant Director ..... RYAN PEZDIRC

Assistant Prop Master .....MATTHEW MAHANY  
Property Assistants..... ZACH RAWLINSON  
RYAN CROWLEY  
BROOKE CLAUSEN  
On-Set Dresser.....KASHIEF MOBARA  
On-Set Painters.....DOUGLAS LEDERMAN  
LARRY FARRIS  
SFX Set Foreperson..... CAIUS MAN  
SFX Technicians  
STEPHEN KNOTT JEFF KNOTT  
JOSH MITCHELL CARLOS PARK  
CHRIS JOHNSON BRUCE MERLIN  
EZRA GREENBRIDGE  
Makeup Dept Head ..... ADAM WALLS  
Makeup Artists..... WILL ZUIDEMA  
JESSICA CRAIG  
KELSEY BOUTTE  
TRUDIE STORCK  
Chief Lighting Technicians..... STEPHEN CROWLEY  
JAMES THOMSEN  
Assistant Chief Lighting Technicians ..... MIKE DAVIS  
CHAD SCHROEDER  
Lighting Console Programmers..... RYAN REIGNER  
HANNA MCGUGAN  
Key Grips .....BILL MERRILL  
STEVEN SERNA  
Best Boy Grips .....TIM DRISCOLL  
NEIL GORDON  
Dolly Grips..... CLAY CALDWELL  
ANDREW RICE  
Script Supervisors..... JANINE GOSSELIN  
LISA BLANCHAR  
Transportation Captain..... DAVID JACKSON  
Key Craft Service..... DANIEL GRAY  
REGINALD SMITH  
KRISTIN LAKES  
CORTNEY MORRIS

**Craft Service Assistants**

CALDER MARRIA, JR. CHRISTOPHER FILLINGIM  
EVAN ERNST CORTNEY MORRIS  
SHELLY SMITH CALI HIGHES  
MICHAEL SAMMOUR  
Video Assist Operators ..... JORDAN ELEY  
ANDREW WILLIAMS  
JACOB MCCOY  
KYLE JENKINS  
Video Assist Utility .....ZAKYRA COLVIN  
Video Playback.....CHRIS ADAMS  
EVAN MCCLIMENT  
Sound Mixers ..... PAUL KATZMAN  
GRAHAM KICKLIGHTER  
Boom Operators .....MATT THOMPSON  
BEN FARTHING  
Hair Dept Heads .....RENE WARNES  
LOUISA ANTHONY  
Hairstylist..... DEE CALIPOLITTI

**Set Lighting Technicians**

JASON STATEN WAYNE SWAB  
SAM GABBARD TITO HENRY  
RALPH MAYORAL-PARRACIA ALLISON CROWLEY  
JOHNATHAN TERPSTRA TRES JEFFERSON  
LUIS ORTIZ-MORALES JON TITUS  
SEAN MEYER MICHAEL GUMINSKI  
DOUGLAS HARMES STEVE BETOLATTI  
DAN EMO TIM RYAN  
BRYAN KEENAN

**Grips**

ARIEL NIZNIK NICOLE KNIGHT  
WILL SHUSTER CYNTHIA STIMPHILL  
CHELO DE JESUS VINNIE GANDOLFI  
KELLY MARSHMAN JOEL FERGUSON  
JASON O'NEAL DOM GOODIE  
KIMANI RICHARDSON MATTHEW GWYNNE  
BRANDON BLACKLY JAKE SIMMONS  
PATRICK PIERRE RAY SKINNER  
BRAYDEN RICE

**Production Assistants**

MICHAEL O'LEARY CALEB GORDON-KILGORE  
CHELSEA DOBRUCKI ALYSSA GOLDMAN  
ANDREW CRANE SANDRA YULIETH  
JARON CLINKSCALES RANDY BURNETTE  
NATERIA BARBER GARRETT SAMPSON  
COURTNEY HALL MALLARY BUNDY  
MARTHA ANGER MADDIE BRENT  
GRANT PETRUCCI JEFF DAVIS

**ADDITIONAL PHOTOGRAPHY UNIT**

First Assistant Director ..... DAVID WATERS  
Key Second Assistant Directors .....ROB HOFFMAN  
SCOTT BROWN

**Stunt Performers**

TANNER BYLE ALEX CHANSKY  
JOHN CULLINS CORY DEMEYERS  
CRYSTAL HOOKS THEO KYPRI

Second Second Assistant Director ..... CAMERON EVERSON  
Additional Second Assistant Director ..... VICTORIA RUPERT  
Script Supervisor.....KIMI WEBBER  
Supervising Art Director.....DREW MONAHAN  
Art Director..... LIZ WEDDING  
Digital Asset Manager..... CLAIRE CARSWELL  
Art Department Coordinator ..... NANCY KING  
Production Supervisors ..... ADAM BAYLESS  
JESSE MORRISON  
Assistant Production Coordinators..... JORDAN LAVELLE  
CHRIS MCINTURFF  
Apprentice Editor .....JAMIR WHITE  
Data Wrangler (Splinter Unit)..... GARY SANCHEZ  
Production Coordinator .....JOE COLAVINCENZO  
Travel Coordinator ..... REBECCA DRUMMOND  
A Camera First Assistant..... ANDY HOEHN  
A Camera Second Assistant..... BOBBY MCMAHAN  
B Camera First Assistant ..... PAUL WOODS  
B Camera Second Assistant..... TONY FALLICO

B Camera Operator..... JOE BLANKINSHIP  
 C Camera Operator ..... CHRIS FENNER  
 C Camera First Assistant..... COLIN DURAN  
 C Camera Second Assistant..... NICHOLE CASTRO  
 Camera Second Assistant (Splinter Unit) ..... BROCK BYRD  
 Loader..... DANNA GARCIA  
 Camera Utility (Splinter Unit) ..... FRED WYNN  
 Camera Operator (Splinter Unit) ..... BILL SAXELBY  
 Camera First Assistant (Splinter Unit)..... GREG IRWIN  
 DIT ..... JAZZ PIERCE  
 Camera Utility ..... NASSRIN ALIABADI  
 ALEC SMIRDOLO

Production Assistants

KELLY BALAGURCHIK DEJOANE BOWMAN  
 DARRYL BYNEM STEVEN CORRADO  
 REBEKAH COVEY MARLOWE DITTRICH  
 SAM HURLEY SHAYLA JACKSON  
 DORIEN JAEGAR MATT JOHNSON  
 RICO LOAIZA EDUARDO LOZANO  
 TRAVIS MEGUIRE MALLORY PROST  
 RILEY O'DELL DUSTIN RILEY  
 AARON SIMPSON SALLIE SLEDD  
 PETER SWANSON CHELSEA SOLOMON  
 CHRIS STYRON NICOLE TIERNAN

SFX Foreperson ..... STEVE FICKE  
 SFX Technicians ..... ROY MARTINEZ  
 BISHOP WATTS  
 Set Decorator ..... MÓNICA MONSERRATE  
 Leadperson ..... JASON OLSON  
 Set Dec Coordinator ..... COURTNEY DEES

Core Dressers

COLTON COMANS CHELSEA STAGGS  
 BEN COUCH TAK MASUDA  
 JOHN BAYLES ADAM KNYCH  
 Buyer ..... RACHEL BELL  
 On-Set Dresser ..... MATT BARR  
 On-Set Dresser (Splinter Unit) ..... DAKOTA HEATON  
 Key Grip ..... JACK CHOUCHEANIAN  
 Best Boy Grip ..... RYAN KIRK  
 B Dolly Grip ..... COREY CORONA  
 C Dolly Grip ..... ROB MCFALL  
 Production Controller ..... RUDY COBLENTZ  
 Production Accountant ..... LINDSEY ELLIS  
 First Assistant Accountants ..... FERNANDO BENITEZ  
 MAXWELL KOVAL  
 Second Assistant Accountant ..... RAKELL GIBBENS  
 Accounts Payable Clerk ..... ALDANY DIAZ  
 SARAH OSTROFSKY  
 Payroll Accountant ..... KATLYN NEYLON  
 Payroll Assistant ..... ALEXIS CALDWELL  
 Payroll Clerk ..... BRETT MARR  
 Assistant Property Master ..... ERIC KAGAN  
 Property Assistants ..... LAURA LESTER  
 MICHAEL HEATH  
 Production Sound Mixer ..... MARCUS PETRUSKA  
 Boom Operator ..... LEO NASCA  
 Sound Utility ..... KASHEED FRANCOIS  
 Video Assist Operators ..... ANDREW WILLIAMS  
 NOAH RASK

Grips

JENNIFER ASITIMBAY DAVID GENIS  
 DYLAN GENIS DAVID LEWIS  
 MIKE RICHARDSON TAWAND SMITH  
 FRANKIE ZAMORA  
 Assistant Costume Designer ..... KRISTINA TAYLOR  
 Costume Coordinator ..... STACIA P. CLARKE  
 Set Costumers ..... RIKI LECOTÉY  
 JOCELYN WALKER  
 Costume Assistants ..... DWAYNE CORNELIUS  
 SKYLAR SANDERS  
 Costume Supervisor ..... LESLIE ACTON  
 Key Costumer ..... ANDREW PATTERSON  
 Truck Costumer ..... MOLLY KAMRATH  
 Ager/Dyer ..... ANNE LEE  
 Extras Casting ..... ALYSSA JACOBSON  
 Labor Foreperson ..... BRYCE ALLEN  
 On-Set Paint ..... ANGIE DOVER  
 Head Chef/Driver ..... JOSE LOPEZ  
 Cook Manager ..... KEN CARROLL  
 Catering Assistants ..... ANGEL ADAN, JR.  
 DANIEL OSORIO  
 CRISTIAN PADILLA  
 BRYAN REYES  
 Key Set Medic ..... CECIL CHATMAN  
 Medic (Splinter Unit) ..... ELEASA MILANO  
 Location Manager ..... DAVID WILLIAMS  
 Location Coordinator ..... DIANA ARDILA  
 Assistant Location Managers ..... JOSHUA ACOSTA  
 LUIS CORRALES  
 DARRIUS TUCKER  
 Location Assistants ..... MARTIN AGUILAR  
 JENSEN CHAN  
 ETHAN COBB  
 Hairstylists ..... JEROME ALLEN  
 DAYARA CALIPOLITTI  
 Makeup Artists ..... JESSIE GAMBARELLA  
 ADAM WALLS  
 On-Set Greens ..... CHARLIE TRIPPE  
 On-Set Construction (Splinter Unit) ..... JEFF HOFFMAN  
 Craft Service Assistants ..... SAMANTHA CUNNINGHAM  
 CHASE STAFFORD  
 Key Craft Service (Splinter Unit) ..... ESMIRNA VALDEZ  
 Craft Service Assistant (Splinter Unit) ..... ORENTHAL PATTERSON  
 Transportation Captain ..... CHARLES PICKARD  
 Picture Car Coordinator ..... JOSH FULLER  
 Picture Car Driver ..... ROBERT TWEEDELL  
 Picture Car Mechanic ..... TROY FRENCH

**MARVEL STUDIOS**

Head of Business & Legal Affairs ..... DAVID GALLUZZI  
 VP Business & Legal Affairs ..... HILARY JAY  
 Senior Production Attorneys ..... GRACE HAERI  
 RYAN GLOVER  
 Production Attorney ..... MONIQUE CURRY  
 Credits Executive ..... JEFF WILLIS  
 Credits Manager ..... JENNIFER GIANDALONE

Script Clearances Executive.....ERIKA DENTON  
 Clearances Manager ..... JENNIFER WOJNAR  
 Head of Production Finance .....CHRIS MCCOMB  
 Production Finance Executives .....MAX MCFARLAND  
 KATHY MATTES  
 KAREN CROSSLEY  
 MATT MONACO

Production Finance Managers

MIKE SMIGIELSKI MADISON D. HEILMANN  
 DAVID C. ROMANO JESSICA ALVAREZ  
 SHIRLEY HSIAO SONIA RANDAZZO  
 AISTE ANKUDAVICIUTE

VP Security, Content Protection & Facilities... MATTHEW SLATOFF  
 VP Physical Production ..... TREVOR WATERSON  
 Physical Production Executive ..... MJ CABALLERO  
 Product Placement Executive..... JULIE A. KELLER  
 Physical Production Manager.....GRAHAM LAWYER  
 Story Manager ..... ANDREW REIBER  
 VP Visual Effects.....JEN UNDERDAHL  
 Visual Effects Executive.....GARY CARRILLO  
 Post Production Executive..... GISELLE JOHNSON  
 Music Executive..... FLETCHER BEASLEY  
 Post Production Manager .....HEATHER BENNERS  
 VP Content Operations.....RANDY MCGOWAN  
 Content Operations Executive .....EVA PRELLE DEBOSE  
 Localization & Mastering Executive ..... ROMANA SAMARITANI  
 Digital Operations Executive ..... BRYAN PARKER  
 Digital Asset Coordinator.....GLENN GARRIDO  
 VP Communications .....ANGELA SHAW  
 Communications Manager .....LAUREN PEREZ  
 VP Franchise Creative & Marketing..... DAVE BUSHORE  
 VP Franchise Creative & Marketing.....SARAH TRULY BEERS  
 Franchise Creative & Marketing Executive....KRISTY AMORNKUL  
 Head of Unscripted Content..... JEFF REDMOND  
 Unscripted Executive..... LISA ZUSMER DELPRETE  
 Head of Technology..... EDDIE DRAKE  
 Production Technology Executive..... KATIE HINSEN  
 Production Technology Managers .....MICHAEL MALONEY  
 KATIE MITCHELL  
 ANDREW NIELD

HR Business Partner Executive.....MAYERLING DIAZ-WILSON

Marvel Studios Parliament

STEPHEN BROUSSARD NATE MOORE  
 JONATHAN SCHWARTZ TRINH TRAN  
 BRAD WINDERBAUM

Marvel Studios Production & Development

SANA AMANAT JENNA BERGER  
 MICHELE BLOOD BRIAN CHAPEK  
 JENN COCCIMIGLIO GRANT CURTIS  
 KYANA F. DAVIDSON EMILIE FLEUETTE  
 RODERICK FLUCAS EMILY FONG  
 BRIAN GAY LAUREN GORALSKI  
 JILLIAN HENRY WENDY JACOBSON  
 KELSEY LEW MARY LIVANOS  
 ISHI METKAR ZOIE NAGELHOUT  
 NICK PEPIN JORDAN ROGERS  
 BOJAN VUCICEVIC KEVIN R. WRIGHT

Marvel Studios Physical Production,

Post Production, and Visual Effects

DIDI ASUZU ALEXIS AUDITORE  
 DANNY BROWN ANDREA FALSONE  
 BEN FROHMAN ALEXANDRA HALE  
 RANDI JACKSON BILLY JANG  
 ABHINAV KALAVAR CHRISTOPHER MONROE  
 TAMARIN PANAMA JACQUELYN RACINE  
 ANDREA REGINE REYES TANISSA POTROVITZA SCHOEN

Marvel Studios Legal

RYAN POTTER RACHEL VIGNEAUX  
 JANE BECKER NIGEL GOODWIN  
 DANIEL LOPEZ DANIEL STURM  
 MATTHEW GILBERT ASHLEY J.M. JONES

Marvel Studios Finance and Accounting

ANDREA ARCHILA WILL BJORHOLM  
 JENNY LYNN BURNETT JEANNETTE CARDONA  
 VIC CHIN SASITORN CHITRANIKROH  
 RANDELL GASKINS DAVID HEFFLER  
 NATTAKARN KULLAMART VANESSA LANDRY  
 JASON LEVINE CHANDLER MARLIN  
 JOSE RODRIGUEZ-MORALES MATT ROZZANA  
 MEL RAY SANDVIK KELSEY SCHNEIDER  
 JAN S. UTSTEIN RACHEL YOFFE

Marvel Studios Franchise Creative & Marketing

CAPRI T. CIULLA DA'QUAN DAVIS  
 ADAM DAVIS SOFIA FINAMORE  
 HAYLEY GAZDIK IRIS LEE  
 DEREK LUMPKIN NIKKI MONTES  
 JULIO PALACOL JINAH PARK  
 JACQUELINE RYAN-RUDOLPH ARIEL L. SHASTEEN  
 SUSAN WAWER

Marvel Studios Content Operations

JULIE BALDONADO-SMALLWOOD TOBIAS BATES  
 KAREN CHEN MATT DELMANOWSKI  
 JACINDA DOLWICK VINCENT C. GARCIA  
 ALY GIRLING KANDON HAYNES  
 ELI HOLMES DARYN HOUSTON  
 ANIKA HUSSEN PERCIVAL LANUZA  
 JILLIAN LARGOZA ARNDREA LEWIS  
 SUSANA LOU ASHLEY MATSUNAMI  
 LAUREN C. MEISENHEIMER ANTHEA OBA  
 SABRINA SPARLIN ANDREW STARBIN  
 JIM VELASCO JON WEAVER

Marvel Studios Technology

HECTOR BARRERA ALDO BIERY  
 VINCE CERUNDOLO WILLIAM CHANDLER  
 CHRIS COSSEY EMMA CUITINO  
 BENJAMIN DAVITT KARTIK DEO  
 ALLYSON GEIGER LUOWE GOANEH  
 JUERG GRIEDER JJ HABENICHT  
 JACQUELINE HUTCHISON HEAJUEN HWANG  
 NICHOLAS HYBL BO KOMEN  
 GEORGE KOUSAROS GILBERT LAUN  
 JUDY LIN JORDAN MCBRIDE  
 LEELA NAVARRO VINH NGUYEN  
 KARLA SILVA KEVIN VENABLE  
 ISABELLE WARD STEVE ZASLAVSKY

Marvel Studios Security, Content Protection, and Facilities  
 BARRY CURTIS  
 MARC ZORN  
 AMBER ZAZUCKI  
 MADISON GREEN  
 MARIA MATSARIDIS  
 ISAAC HUNTINGTON

Marvel Studios Costumes Team  
 WENDY CRAIG  
 HUNTER CRAIG  
 CORY PRATT  
 TY MILLER  
 DOMINICK DERASMO

Marvel Studios Plates Lab  
 CHRISTOPHER CHAPMAN  
 MEGAN FLOOD  
 XAVIER ROMO  
 Echo Created by ..... DAVID MACK  
 and JOE QUESADA

With Special Thanks To  
 ED BRISSON  
 STAN LEE  
 JIMMY PALMIOTTI  
 JOHN ROMITA SR.  
 GUILLERMO SANNA

## WALT DISNEY STUDIOS

President, Marketing ..... ASAD AYAZ  
 EVP Marketing ..... FRANK CHIOCCHI  
 SVP Marketing ..... RYAN STANKEVICH  
 SVP Creative Advertising ..... JOHN "IBBY" IBSEN  
 SVP Digital Marketing ..... JESSICA INTIHAR  
 Head of Operations ..... RACHEL HUTTER  
 SVP Global Digital Studio Operations ..... DANIEL BAMSEY  
 Mastering Executive..... ANDREW BRUTOCAO  
 VP Client Services ..... STEPHEN SWOFFORD  
 Sound Services Manager ..... DAWN BIRO  
 Projection Services Manager ..... SAL VALLETTA  
 Filmmaker Services Executive ..... SHANNON REID STEPHAN  
 Filmmaker Services

MADISON MERRITT  
 NATALIE MANGIONE  
 EVP Publicity..... MICHELLE SEWELL  
 VP Publicity ..... KARA SPECTOR  
 VP Film Production Planning ..... MARYANN HUGHES  
 VP Technology Architecture ..... SHADI ALMASSIZADEH  
 VP Insights & Analytics ..... ERIK CROUTHAMEL  
 VP Sound Post Production..... BRIAN SAUNDERS  
 Projection Engineering Supervisors..... KENT PETERSON  
 MIKE SCHUBERT  
 Post Production Engineers ..... FRANCISCO J. PAREDES  
 MEGAN LUSK  
 VAN LUONG  
 STEPHANIE HAAS

SVP Global Partnerships..... MINDY HAMILTON  
 Risk Management..... MATT RUFFNER  
 JENNIFER DOMINGUEZ  
 Credit & Title Administration Executive..... KIRK RINGBERG

Credit & Title Administration..... JENIFER BETH KAPLAN  
 JON HOEVELER  
 Walt Disney Studios Marketing  
 MICHAEL IMPERATO  
 BRIAN MCKENNA  
 STEVE NUCHOLS  
 MICHAEL TRICE

Avid Engineering  
 JEFFREY K. FU  
 BRENT KOETTER  
 STEPHEN POTTER

BARBARA A. LANGE  
 RHONA NICI PARRY  
 DUSTIN SANDOVAL  
 LAUREN WRIGHT SOBEL  
 KIEL HUNT  
 GABRIEL B. LARA  
 IAN YOUNG

## VISUALIZATION

Visualization by  
 THE THIRD FLOOR

Visualization Supervisors ..... BRI MEYER  
 JASON THIELEN  
 CAITLIN INZINNA  
 SCOTT HANKEL  
 Visualization Editors..... ETHAN MANIQUIS  
 JASON M. HARVEY  
 Visualization Producer ..... ELIZABETH MONTES  
 Visualization Line Producers..... BRETT GRISHAM  
 MEGAN HARGER  
 Visualization Production Manager ..... TANNER BRANDT  
 Visualization Coordinator..... ALYSSA NICHELE ANDERSON  
 ASH MALONE

### Asset Artists

CALVIN SHAWN TRAN  
 ERIK SHVEIMA  
 STEVEN SEYDEL  
 MARIA SERRANO  
 DOM LUKOW  
 MELANIE CELIS

### Visualization Artists

LAZARO HERNANDEZ  
 SEBASTIAN ARIAS  
 DANIEL W. BARLOW  
 EDWARD PERRY SMITH  
 JOSHUA THOMAS OGLE  
 JAEHYUN YOO  
 DANIEL WIGGINS  
 KAZUNOBU SANO  
 JUSTIN FRAZIER  
 ELIZABETH LEE  
 ROY CUNNINGHAM  
 ISAAC RAMIREZ  
 JIAMIN KINO WU  
 STEPHANIE HIDALGO  
 NICHOLAS DUBOIS  
 DAVIES RUSHING  
 JORGE DE LA CADENA  
 HANNAH LEE  
 SKY SMOOT  
 ALEXANDER J. FRENCH  
 HECTOR AGUIRRE  
 ASHLEY TRAWICK  
 LOUIE MONTOTO  
 TIMOTHY N. TEAMER  
 JASON BURNS

### Management

CHRISTOPHER EDWARDS  
 JEREMY ODDO  
 LAUREN MOORE  
 MARKUS RISTICH  
 KARA MISENHEIMER  
 DANE ALLAN SMITH  
 ALLIE KOPPEL  
 LAURA ZENTIL  
 KRISTINA LESIK



# VISUAL EFFECTS AND ANIMATION

Visual Effects and Animation by  
Industrial Light & Magic, a Lucasfilm Ltd. Company

VFX Supervisor.....STEVEN GODFREY  
Additional VFX Supervisors.....IVAN BUSQUETS  
TRISTAN MYLES  
Associate VFX Supervisor.....CHARMAINE CHAN  
CG Supervisors.....ROEL COUCKE  
EDMUND KOLLOEN  
MICHAEL WANG  
2D Supervisors.....RYAN DUTOUR  
TOM WHITTINGTON  
VFX Producer.....JAMES SCHEMBRI  
Production Managers.....ANDREA HATHAZI  
TABITHA WOODMAN  
Line Producers.....ROZALIND GREEN-INNES  
AMANDINE GUTIERREZ  
Animation Supervisors.....ALEXANDER K. LEE  
TED LISTER  
VFX Executive Producer.....JEANIE KING

## Digital Artists

ITAMAR ALONI HAE JIN AN  
LUKE ARMSTRONG LIAM BARLOW  
MIGUEL BILBAO TOM BASKAYA  
CLAIR BELLENS RICHARD BENTLEY  
ADAM BLANK STEVEN BODEN  
RAUL BOZA SHILPESH C MANE  
RONAN CARR MICHAEL CASHMORE  
JOSHUA CHAPPELL YEN-CHEN CHEN  
JULIAN CHONG CALEB CHOO  
CRAIG CHRISTIAN MARIA CORCHO  
CORINNE COWGILL SAMUAL DAWES  
ROBERT DORRIS EMILY ELLIS  
EMMA ELLUL JENZEL FANTOLGO  
VINICIUS FAVERO MARCO JUAN ROXAS FIRME  
CARLOS FLORES TAVITAS CARLOS FLORES-GOMEZ  
JULIEN FRADIN CLEMENT GERARD  
MICHELLE GOH BEE HUI DAN GRIGSBY  
JULIAN HODGE SANTIAGO ITURMENDI  
JACK JENKINS ODIGIE JOHNSON  
DONG YON KANG ZAIN KHAN  
PRAJAKTA KHATALA JACK KILYAN  
DONG KYU KIM CHRISTIAN KUNTZ  
DANE LAROCQUE ALICE LOCURATOLO  
ALEXANDRE MARASSA GODOY CABRAL GIANMICHELE MARIANI  
SCOTT MARRIOTT WILL MARTINDALE  
ALICE MC LOUGHLIN LORENA E'VERS  
RYO MIKAI DAVID MIR CUADRADAS  
SRIJITH MOHANAKRISHNAN DENNIS MÜLLER  
NICOLAS NGHIEM MARK OSBORNE  
ALESSANDRO PIERI MARNIE PITTS  
ANDREW POTTER DINESH RAJA  
CARLOTA PRIMO REBON ANTONIO RODRIGUEZ DIAZ  
ARINDAM ROY ASH RYAN  
ALBA SANCHEZ-SERRANO SHUAIQI SHAO  
BRIAN SILVA KEITH W. SMITH  
NATALIE SMITH LIAM SPENCER  
CARL ST-PIERRE MARIS STEKELS

DAISY SUMMERFIELD  
JUAN TORO GARCES  
ADAM TROWSE  
FREDERICK VALLEE  
PIMNARA VONGSUPHAR  
CHRIS WEST  
KAITLYN WILLIAMS  
JOE WONG  
DAVID WU

STEFANIE DESIRA  
ALVARO FERNANDEZ GARRUDO  
NICHOLAS LUM  
ISABEL MARIA CAMPOS NEVES  
JESSICA STEEN  
MICHELLE WAN

## Studio Operations and Technology

EMILY BLAND LOUISE ESTEPHAN  
JESSICA LOW ANTOINE MILLIEZ  
JESSICA SARGANT ALVIN TAN  
PARNIKA TIWARI RICK YANG

## ILM Executive Staff

REBECCA BARBOUR ROB BREDOW  
SPENCER KENT JANET LEWIN  
SUE LYSTER BEN MORRIS  
LUKE O'BYRNE JEFF WHITE

## Additional Visual Effects by SDFX Studios

## Additional Visual Effects by YANNIX

## Visual Effects by DIGITAL DOMAIN 3.0

VFX Supervisor.....ALADINO DEBERT  
VFX Producer.....RYAN WILK

## Supervisors and Production

ERIC M. BEAVER DAVID LIU  
LAUREL MONTGOMERY ARDA UYSAL  
ROB VIGORITO KEN NELSON  
DAVID AN JENNIFER AVERY  
FRANCIS BAYARD RAJASHEKAR BOLLARAM  
SRIDHAR EGA ELEANOR MATTHEWS  
VIJAY RANGU LILIAN ROSE SMITH  
AUBREY LADAN NEHA SANDHU  
MATTHEW WADE STOKES

## Lead Artists and Digital Artists

CYNTHIA ARAGÓN TREVINO JOE CHIANG  
ERIC COWAN JANET FREEDLAND  
VENKAT GADDAMPALLY KISHOR JOSHI  
MARION MAHU JAYMIE MIGUEL  
TANNER OWEN HAREESH POLA  
MURTHY PUTREVV HANUMANTHA RAO B  
SRINIVAS REDDY VONTELA NAGUR SHAIKH  
EDMOND SMITH III NELSON SOUSA  
PAVAN SUTRAYE CHRIS WATKINS  
EUGENE ANTSIFEROV RYAN BRIDGER  
JOSH CLOS RAFAEL FRANCISCO COLON

NAVID DADGAR	MARIA DELGADILLO RICAUD		2D Artists	
RAFAEL ECHEGARAY	JORDAN FAST	CHANG YANG		DENG HAONAN
VICTOR UTKU GOCER	JIM HATIBARUA	FENG DAN		GUO SHENGMING
THOMAS HOZE	MANUEL HUERTAS MARCHENA	HE SHUANG		HAN HUIQIN
SYED HASSAM HUSSAIN JAFRI	BRUNO KAWABATA	HU ZIYI		HUANG HAORAN
PAUL KULIKOWSKI	NEMA SAFVATI	LI AOZHE		LI XUECHEN
NICHA KUMKEAW	SEUNG JAE LEE	LIU HENGQUAN		LIU LIRONG
RAPHAEL LEGROS	ANDREW LEMA	LIU YONGLE		LU XIAOJING
MATTHEW LUCAS	PATRICK MANNING	NIU MINGLI		QIAO YIZHE
NICOLAS NDAME EBOSSE	MAXIME PELLETIER	QIAO WENFA		SUN ZE
CLARISSA PEÑA	ASHWIN SAREEN	WANG JIABIN		WANG PANPAN
YOANN SCHMID	SHRIVAS SHYAMSUNDAR	WEI LIMEI		YANG YANG
TAMARA STONE	KRISZTIAN SZEIBOLD	YIN SHUAI		ZHANG JIALIN
SUSIE THULLIEZ	JASON TRANETZKI	XU CHENGCHENG		AN MING
JEREMY YEO-KHOO	DENNIS DUHUI YOON	FENG WU		KANG JIAN
SRIHARI REDDY AMUDAM	SUDHA SRINIVAS MUSUMURU	LI YAPING		OU JUN
BALACHENDER ARROLLA		SHI YANXING		SUN YULI
		WU LIXIA		ZHANG XUEFENG
	Visual Effects by	CHANG ZHUANG		LIU HUIDAN
	BASE FX	GAO WENTING		LI JIAJIA
			3D Artists	
VFX Supervisors.....	JARED SANDREW	BI YANCANG		CHEN LONG
	WANG LEI	DU JIANGFAN		FAN PENGBO
Production Managers .....	BRON BARRY	GONG SHUAI		HE XIAOMENG
	SHEENA ZHAO	HU KUAN		HU LIJIAO
Head of Production .....	SONIA NIU	JING YIFAN		KAH YEE LEE
Asset Supervisors .....	WANG XINGAN	LI CHONG		LI JINGXIN
	HON WUI YAP	LI PINXUAN		LI RUNLIN
Effects Supervisor.....	QIN YAN	QIU KANG		RAMESH EDUPALLI
Digital Matte-Painting Lead .....	WANG LU	LI XIUCHANG		SUN PEIYANG
Lighting Leads .....	LAVENDER YUAN	WANG LIN		WANG YINGAO
	WANG HAO	WEI HAIXIA		XIE LIYAN
Rigging Lead .....	ZHANG MINGMING	XU ZHE		YANG HUIYU
VFX Editors .....	GONG KE	ZHANG QING		DONG QINGBIN
	WANG QI		IT & Pipeline Support	
Base FX Executive Producer .....	SHAD DAVIS	CAO FEI		WANG XUESONG
CEO .....	CHRIS BREMBLE	ZHANG CHUNXIAO		ZHANG YANTAO
Production Coordinators .....	DENG KUN	CHI YUREN		LIANG YUE
	LAUREN YIN	LIU ZHIWEI		QIANG BAOSHI
CG Supervisor.....	JIA GUODONG	WANG HAO		XIE MINGHUI
Effects Lead.....	DENG HONGJI		Visual Effects by	
Comp Lead .....	WU TIANGE		BARNSTORM VFX	
Roto/Paint Leads.....	ZHANG YUNFEI			
	SUN JIANWEI			
Matchmove Leads .....	LI BIN	VFX Supervisor.....	CHUN SEONG NG	
	MELODY LIU	VFX Producer .....	SUMIRE TAKAMATSU	
Production Team.....	NURUL BALKINS	CG Supervisor.....	STEFAN SCHNEIDER	
	HAIRUL ANUAR	Compositing Supervisor.....	MICHAEL CRANE	
	CEEJAY CHIN	Executive VFX Supervisor.....	LAWSON DEMING	
	LORCA ZHAO	Executive VFX Producer .....	CORY JAMIESON	
	LIU MINGYUE	Global Head of Production .....	CHAD HUDSON	
		VFX Production Manager.....	KRISTINA LEE	
	Asset Artists		Artists & Production Support	
CHUN LIANG NG	KOK KIM KHOR			JAYRAJ KHARVADI
LI XIANG	LIU MI	HONEY KHADEM		NICK CHAMBERLAIN
WANG ZHIHAN	ZHANG CHUNJIE	CLARA COULTER		BEN MCDUGAL
CHARLTON CORDOBA	TIAN FUGUO	ALEX YOUNG		BRIAN HOBERT
WANG QI	LIAO ZEEN	ANTONIO CARBAJO BESCANS		KAREN HULSE
ZHONG ZUHAO		MARC BONNEVIOT		MARC BELL
		JACOB KUHNE		KARTHIKEYAN KARUPPASAMY
		JOE SALAZAR		

RICK RAVENELL  
 SILSUNNY DSOUZA  
 RALPH DE SOUZA  
 ANDREW STEIDTMANN  
 KA CHUN CHENG  
 MURIPALA SUNIL  
 WANDA KWOK  
 SANG MYEON PARK  
 DAVE LADNER  
 MATTHEW ROBILLARD  
 MATTHEW GEORGE  
 JAMIE WONG  
 JEREMY MELTZER  
 ALEXANDER MACHI  
 AUSTIN ANDERSON  
 TIM CARRAS  
 MICHELLE PINARGOTE  
 JASON KUO  
 BHARTI JOGIA-SATTAR  
 JOSE ALEJANDRO ENRIQUEZ  
 DANIEL CORONA  
 JUSTIN FOX  
 CAITLIN KNAPP  
 BETSY BINA  
 BRADFORD DAWSON  
 NICO PUCCIARELLI  
 LUIS CANELA  
 ROBERT CENDEJAS  
 ASHLEY PERFONIC  
 JERRY WHITAKER  
 AMANDA ADAMSKI

Visual Effects by  
 LOLA | VFX

VFX Executive Producer ..... WILL ANDERSON  
 VFX Producer ..... KATHARINE MEADOWS  
 VFX Supervisor ..... TRENT CLAU  
 EP/Supervisor ..... EDSON WILLIAMS  
 VFX Coordinator ..... LAURA B. ABELLAN  
 Accounting ..... CARLOS MORENO

Digital Artists

BRIAN HAJEK  
 DAVID MYLES  
 TAKAHIDE NAKAMURA  
 MATT CORDERO  
 WEI-LING FU  
 JASON SCHAEFER  
 DAVID HERNANDEZ  
 SHANNONN ALCANTAR  
 MEGAN WHISENHUNT  
 ALLY HALL  
 ABBY HALL  
 KAYLEE HATFIELD  
 GREG MEADOWS  
 COREY LAISURE

ROBERT LAUGHLIN  
 JUAN FERRA  
 TAMARA MITCHELL  
 MICK REID  
 AKKO SINN  
 KENNETH ARMSTRONG  
 BILL PARKER  
 MARCUS RUBONE  
 DAVID WOLGEMUTH  
 VIKAS JAISWAL  
 MATT FEZZA  
 NIKHIL PATIL  
 CHRIS PARKS  
 MICHAEL ENG  
 BIBI FONTANA  
 ANGEL MURO  
 TARYN FOSTER  
 YAIZA CARRASCO  
 ERIK NELSON  
 VERONICA WANSTREET  
 JULIA PFEFFER  
 LAURA LEE  
 ASHISH RAISINGHANI  
 BENJAMIN CHENG  
 CHRIS MARTINEZ  
 PRATEEK RANGINENI  
 JORDAN SOLA  
 MJ CHENG  
 HANNAH KILLIAN  
 GLORIA PAYMANI

CHRIS CABRERA  
 RUSSELL MACK  
 NATSUKO YAMASHITA  
 SUN LEE  
 SIMON DEIGHTON  
 ANDREW STUCLIK  
 JACOB METCALF  
 CLIFF WELSH  
 SOPHIA STUEVEN  
 JAMES O'BRIEN  
 ANGELA WALSH  
 ANNIE WANG  
 ALEXANDER PAEN  
 BRIGETTE MARTINEZ

Visual Effects by  
 CANTINA CREATIVE

Senior Creative ..... STEPHEN LAWES  
 VFX Supervisor ..... TONY LUPOI  
 Systems Engineer ..... DOUGLAS RENN  
 Cantina Creative Executive Producer ..... DONNA CULLEN  
 VFX Coordinator ..... MADELEINE MCKEE  
 Office Manager ..... ADRIANA GONZALEZ

Artists

WES C. CAEFER  
 MATT EATON  
 NATE JESS  
 PALOMA SKY RODRIGUEZ  
 CARLY CERQUONE  
 ROBYN HADDOW  
 SAM RICHARDSON

Visual Effects by  
 SDFX STUDIOS

Visual Effects Supervisor ..... GRANT LEE  
 Senior VFX Producer ..... MARK SIMONE  
 VFX Associate Line Producer ..... KARI-LYN GRAVEL  
 Editors ..... JESS JANSEN  
 GARRET HENRY  
 TD ..... RYAN HIRSH

Production

KAIT BURNS  
 MAYUR SURESHRAO ADMANE  
 CHAITANYA ARUN GAUTAME  
 SIMRAN SARIF  
 RAYMOND BENJAMIN SEQUEIRA  
 MANISH WALMIKRAO MUDE  
 NITHISH GARLAPALLI  
 KAMAKHYA PRASAD SAHU  
 HAKIMUDDIN HUSAIN  
 SOUTRIK DEY  
 ASHISHKUMAR MISHRA  
 JAMIE KNOOP  
 DEO ASHISH  
 YOGESH KHEDKAR  
 VAISHALI GORADIA

Roto

AKSHAY KADAM  
 BHAVESH T. PATIL  
 RANJEET MADHUKAR PATIL  
 PRATIK DAS  
 SUMAN KUNDU  
 SUDHA NAIDU L  
 RUSHIKESH VEDPATHAK  
 WAGHMARE AWANTI ANNASAHEB  
 VAIBHAV JADHAV  
 OMKAR JADHAV  
 SUMED SALVE  
 SUKANTA KUMAR SWAIN  
 ABHILASH BABY  
 SURAJ SHINDE  
 ANKIT MISHRA  
 DHANANJAY PRAKASH MALUSARE  
 VAIBHAV DIGAMBAR KHAIRNAR  
 DHANANJAY RAJENDRA PATIL  
 RASMI RANJAN SAHOO  
 DASYAPU MADHU  
 ANSHUTOSH SINGH  
 ANKIT KUMAR ASHOKKUMAR SHARMA  
 JAYENDRA PRAKASH JADHAV  
 SANKET GURAV  
 CHANDRASHILA LALIT MANSUKH  
 MAHESH SANTOSH BAGUL  
 SOMNATH J. KASAR  
 VAIBHAV GAIKWAD  
 ANIKET SHRIRAM GUJAR  
 SURYAWANSHI KAMLAKAR  
 HARMANDEEP SINGH  
 KAPIL CHHALOTRE  
 AMLESH KOSHITA  
 MANAGOVINDA SAHOO  
 CHETANKUMAR BALASAHEB SHEWALE  
 GOVIND RAJESH DAIYYA  
 KANTILAL DNYANESHWAR YEOLE  
 NILESH SANER  
 VIJAY YADAV

Paint

PRATIK BHAUSAHEB SHINDE MOHAMMAD ABDUL WADOOD  
 AMBADAS SHESHRAO KANGARE SUDHIR KHANDEKAR  
 PARAG RAJENDRA KAWALKAR PINTU KUMAR  
 SUMIT PATIL NILESH ASHOK JAGDALE  
 VINITA CHAUHAN TUSHAR TULSIDAS BURSE  
 ANIKET SANJAY RELEKAR TIPU SULTAN  
 RAVI KUMAR BHAGAT PRATEEK MISHRA  
 ROHIT KUMAR SINGH JAYANT RAMESH BHAVSAR  
 GAIKWAD RAHUL DATTA KAKADE AKSHAY BAPURAO  
 KING KUMAR NIRAJ KUMAR  
 MANGESH GOVIND GADEKAR VISHAL D GORE  
 ARMAN MOHAMMAD AKHALAKH KHAN AJAY KUMAR PATEL  
 GOVIND CHAUHAN LAXMAN BHAGWANRAO DAFDAY  
 APURBA KUMBHAKAR SUHAS PS  
 BIKRAM SINGH ESWARA CHANDRA TOKURI  
 ANANYA SHIVHARE ROHIT KHARADE  
 SRINIVAS POTTETI PANKAJ MADHUKAR UMBARKAR  
 VENUKUMAR DEVARKONDA SATISH AMBADAS WAKCHAURE  
 CHAVAN SHAM DINANATH SUNIL KUMAR  
 AKASH KUMAR SINGH MANISHKANT NARAYAN MEHTA  
 MANOJ KUMAR MARKAM ABDULLA AJMAL AKHTER  
 RAHUL ANANDA KUMBHAR MOHAMMAD AJAZ ALAM  
 KAILASH KUMAWAT SHIPRA SRIVASTAVA  
 PRAVESH BHOYAR SINGH SANJAY RAMRAJ

Compositing

Yael Majors Victor Fernandez  
 Derek Tracy Peter Dorosz  
 Vilas Kankuntla Siva Nesan  
 Arjun Sahapurkar Vrushabh H Kumbare  
 Lee Murray Megan Graham  
 Himaram Mandali Vardhaman Patil  
 Mayank Meghraj Dahekar Naman Gupta  
 Rishabh KK Wal Gaurav Dhande  
 Saurabh Sanjay Jadhav Chandrashekhhar Challa  
 Suyog More Aditya Malwade  
 Kumar Abhishek Santosh Kumar Singh

Lidar & Cyber Scanning by  
 CLEAR ANGLE STUDIOS

NOAH PARADISO JOSH WORKMAN  
 SARAH GRIFFIE MEGAN CALAMUSA  
 JHOURDYNNE WINSTON KELLY PRESTON  
 VALERIE WILSON NELSON MENDEZ  
 TRENT SIEBENTHAL JOE WARNER  
 MELINDA DOBBS BRIAN LABREC

Main Titles by  
 SAROFSKY

Executive Creative ..... ERIN SAROFSKY  
 Creative Lead/Design & Animation .....STEFAN DRAHT  
 Titles Editor..... TOM PASTORELLE  
 Sarofsky Executive Producer..... STEVEN ANDERSON  
 Sarofsky Producer..... KELSEY HYNES

Design and Animation

ARIEL COSTA MATTHEW NOWAK  
 JENS MEBES DAN MOORE  
 JOÃO VAZ OLIVEIRA MOLLIE DAVIS  
 ANDREI POPA

End Titles by  
 EXCEPTIONAL MINDS

VFX Studio Executive.....MICHAEL SCHMUECK  
 VFX Compositing Supervisor ..... BRETT MCCONNELL  
 Lead Title Artist ..... THOMAS HARMONSON  
 Lead VFX Artist..... ISAIAH STRUM  
 Artist .....NATHAN FOLSOM

Post-Production Sound Services by  
 SKYWALKER SOUND

A Lucasfilm Ltd. Company – Marin County, California

Sound Designer..... JON BORLAND  
 Sound Effects Editors..... JESSEY DRAKE  
 TERESA ECKTON  
 Dialogue Editors ..... RYAN COTA  
 EMMA PRESENT  
 SHAUN FARLEY  
 DMITRI MAKAROV  
 ADR Editors.....MARILYN MCCOPPEN  
 CHERYL NARDI  
 Foley Editors..... DEE SELBY  
 IAN CHASE  
 Foley Artists ..... ANDREA STELTER GARD  
 SEAN ENGLAND  
 Foley Mixers ..... BONNIE WILD  
 CHRISTOPHER MANNING  
 Assistant Re-Recording Mixer..... DEREK MCGINLEY  
 Assistant Supervising Sound Editors..... MICHAEL LEVINE  
 GREG PETERSON  
 Engineering Services..... AIDEN SMITH  
 Digital Editorial Support.....SCOTT THEAKSTON  
 Post Production Sound Accountant..... DANIELA PONTORIERO  
 Client Services ..... EVA PORTER  
 Sr. Manager, Studio Capacity .....CARRIE PERRY  
 Head of Production Finance & Planning.....MIKE PETERS  
 Head of Engineering ..... STEVE MORRIS  
 Head of Production .....JON NULL  
 General Manager .....JOSH LOWDEN

ADR Recorded at  
THE WALT DISNEY STUDIOS – Burbank, CA  
ADR Mixer ..... DOC KANE  
ADR Recordists ..... BRETT VOSS  
DOUG PARKER

Sound Engineers  
ANDY WINDERBAUM  
DAN ABRAMS  
RYAN ROBINSON  
RYAN STERN  
DANIEL TAPPAN  
TREVOR WARD

Additional ADR  
IGLOO MUSIC  
SMART POST ATLANTA

ProADR Looping ..... ML GEMMILL  
BERNIE VAN DE YACHT

Loop Group  
BRENT CHARLES  
JOANNA DELANE  
DAVID HECKEL  
SANCHO MARTIN  
ELIZABETH SUTHERLIN  
TORI DANNER  
JODI HARRIS  
ALEJANDRA JAIME  
JACOB PRATT  
SERGIO VILLALPANDO

Digital Dailies Provided by  
PICTURE SHOP ON LOCATION SERVICES

Dailies Colorist ..... CORY PENNINGTON  
Dailies Assists ..... JERRELL SIMPSON  
JOEY HILL  
Sr. Color & Workflow Engineer ..... CHRIS BRANDS  
Dailies Engineer ..... CHRIS GIUFFRIDA  
Dailies Project Manager ..... DENISE WOODGERD  
Dailies Operations ..... CHRIS VAN DUYN

Dailies Viewing Provided by  
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## MUSIC

Executive Assistant to Mr. Jordan ..... AMANDA BEIR  
Orchestrations ..... TIMOTHY WILLIAMS  
Conductor ..... CHRISTOPHER GORDON  
Contractor ..... ALEX HENERY  
Choir Contractor ..... ELIZABETH SCOTT  
Pro Tools Engineer ..... JEFF GARTENBAUM  
Pro Tools Operator ..... LIAM MOSES  
Additional Mixing ..... THOR FIENBERG  
Score Mixer ..... SCOTT MICHAEL SMITH  
Score Mix Technician ..... ALBERTO CRUZ  
Scoring Engineer ..... CRAIG BECKETT  
Assistant Score Engineers ..... CHARLIE HOWE  
ISAAC ROSS  
Score Recorded at ..... THE SIMON LEADLEY SCORING STAGE,  
TRACKDOWN STUDIOS  
Score Coordinator ..... ELAINE BECKETT  
Featured Choctaw Musicians ..... PRESLEY BYINGTON  
GARRISON JOE  
Music Preparation ..... ROSS DEROCHE  
JONATHAN DEROCHE

Music Librarian ..... CAROLYN BURKE  
Music Coordinator ..... CHRISTIAN ZABALA  
Music and Song Coordination .... ENCOMPASS MUSIC PARTNERS  
Music Clearance and Legal Services ..... CHRISTINE BERGREN  
ALEXA COLLAZO

Featured Choctaw Vocalists  
BRENNER BILLY  
PHILIP BILLY  
ALISHA WILLIAMS  
BRYON BILLY  
LISA JOHNSON-BILLY  
SETH FAIRCHILD

### JINGLE DRESS SONG (WITH JINGLES)

Written by Dennis Lightning  
Performed by Northern Cree  
Courtesy of Canyon Records

### BURNING

Written by Brian Chase, Karen O, Nick Zinner,  
Robert Gaudio, and Peggy Farina  
Performed by Yeah Yeah Yeahs  
Courtesy of Secretly Canadian

### ETERNALLY

Written by Joe Benson and Steve Singleton  
Performed by Jo Jo Benson  
Courtesy of Sun Records  
By arrangement with Sugaroo!

### AIHPIYIW

Written by Olivia Tail Feathers  
Performed by Olivia Tail Feathers, Melissa Brewer,  
Stephanie Brave Rock, Patti-Joe Bruised Head, Lacey Devine,  
Amber Creighton, and Kainai Grassland Singers

### UNTIE THE RIBBON

Written and Performed by Wanda Johnson  
Courtesy of Fervor Records

### A COMANCHE BLESSING SONG

Performed by Marla Naudi

### WHEN WE REMAIN

Written by Samantha Jo Crain  
Performed by Samantha Crain  
Courtesy of Ramseur Records

Soundtrack album available on



**SPECIAL THANKS**

Sign Language Center  
Strohman Inc.  
Pearlene Utley  
Najg Santana  
Baje Whitethorne  
JP Johnson  
Jhane Myers  
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MANHATTAN BEACH STUDIOS

Camera dollies provided by  
CHAPMAN LEONARD

Filmed at  
TRILITH STUDIOS

Drone Photography Provided by  
ASCEND AERIALS

AVID equipment provided by  
EPS CINEWORKS

Digital Projection Technology and  
Managed Services provided by  
CHRISTIE

Produced with the support of incentives for the Irish Film Industry  
provided by the Government of Ireland



**Rialtas na hÉireann**  
Government of Ireland

With the participation of the Province of British Columbia  
Production Services Tax Credit



American Humane monitored the animal action.  
No animals were harmed®. (AH 11958)

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In Loving Memory of  
AMY CHANCE

