

MARVEL STUDIOS

ECHO

EPISODE 4

MARVEL STUDIOS
Presents

A
KEVIN FEIGE
Production

MARVEL STUDIOS

ECHO

Directed by SYDNEY FREELAND
Written by KEN KRISTENSEN
and JOSH FELDMAN
& 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 AMY RARDIN
JENNIFER L. BOOTH
Line Producer JASON TAMEZ
Director of Photography KIRA KELLY, ASC
Production Designer CHRIS TRUJILLO
Edited by CHRIS MCCALED, ACE
SHELBY HALL
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



This project was completed with assistance from the
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
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 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
Young Maya DARNELL BESAW
Taloa KATARINA ZIERVOGEL
Lowak MORNINGSTAR ANGELINE
Tuklo DANNIE MCCALLUM
Young Chula ISABELLA MADRIGAL
Young Bonnie WREN ZHAWENIM GOTTS
Woody WES JETTON
Caroline GERALDINE KEAMS

Ancestors.....	BRAYDEE CARDINAL PANTHER TIWA ACOSIA RED ELK ELIZABETH FRANCES JULA HARJO CRICKETT TIGER CHEROKEE JACK DAVID MIDTHUNDER DOC NATIVE ANTHONY "THOSH" COLLINS PHILLIP BREAD SETH FAIRCHILD	Concept Illustrators	MATTHIAS BEEGUER LAURENT BEN-MIMOUN
Ice Cream Vendor	KEITH CAMPBELL	Lead Set Designer.....	THOMAS MACHAN
ASL Interpreter 3.....	ALEXIS CAPOZZI	Set Designers	CHRIS MCGEE MEGAN NARDUZZI
Virtual Interpreter.....	DOUGLAS RIDLOFF	Art Department Coordinator	ADDIE BABCOCK
Voice of Virtual Interpreter	RENEE ALBERT	Digital Asset Manager.....	CHASE KLIBER
Fisk Phone Goon.....	CHRIS MCCALEB	Specialist Set Designer	CHRISTOPHER WARD
		Graphic Designer	JAMES HALL
		Art Department Production Assistants...	GRACIE SCHRECEGOST BAILEY GATES
Stunt Coordinator.....	MARC SCIZAK	Storyboard Artists.....	JEREMY SIMSER SIMEON WILKINS
Co-Stunt Coordinator	KEITH CAMPBELL		SHERMAN KEW ED LAROCHE AARON SOWD
Key Stunt Rigger	KYLE WEISHAAR	Head of Visual Development	RYAN MEINERDING
Fight Coordinators	LOYD BATEMAN MIKE WILSON	Visual Development Managers	HOLLY MYER AJ VARGAS
Asst. Fight Coordinator.....	CHRISTOPHER TROY	Visual Development Coordinator	KELLY BURROUGHS
Stunt Office Administrator.....	CHRIS NAYLOR	Visual Development Concept Artist.....	WINONA NELSON
Maya Stunt Double	CAITLIN DECHELLE	Visual Development Concept Illustrators	
Kingpin Stunt Double	JOSH DIOGO	NAOMI BAKER	KEITH CHRISTENSEN
Maya Driving Double.....	CRYSTAL HOOKS	IAN JOYNER	ANDREW KIM
Maya Motorcycle Double.....	DENA SODANO	JOSH NIZZI	MUSHK RIZVI
Stunt Drivers.....	JOEL BRAMBILA LOUIE NORTHERN REGIS HARRINGTON	PHIL SAUNDERS	JANA SCHIRMER
		HENRIK TAMM	MICHAEL UWANDI
		A Camera/Steadicam Operator	NICK MULLER
		A Camera First Assistant.....	ETHAN MCDONALD
		A Camera Second Assistant.....	NICHOLE FIREBAUGH
		B Camera Operators.....	BRIGMAN FOSTER-OWENS HUGH BRASELTON
		B Camera First Assistants	DWIGHT O. CAMPBELL ADAM CASTRO
		B Camera Second Assistants.....	ALEX WATERS MIKE FITZGERALD PAUL SANDERS
		C Camera Operator.....	JOE ALLEGRO
		C Camera First Assistant	MICHAEL FISHER
		C Camera Second Assistant.....	KYLE FORD
		Loaders.....	TOREY LENART COREY BLAKE
		Utility.....	JACK WACHTEL
		Digital Imaging Technician	DANIEL HERNANDEZ
		Crane Operator	PATRICK BARNES
		Crane Technician.....	RORY BONNIN
		Still Photographer	CHUCK ZLOTNICK
		Drone Pilot	LOUIE NORTHERN
		Drone Camera Operators.....	JON MYERS DEKE KEENER
		Drone Visual Safety	TRAVIS STEELE
		Drone Utility.....	ADAM RIOUX ZACH COST
		Drone Camera First Assistant	JOSH GARY
		Post Production Supervisors.....	KRISTI URIBES JEN BERGMAN
Stunt Performers			
KEITH ADAMS	HENRY AMOS		
STEVEN ATKINSON	BEN AYCRIGG		
DERRICK BURBAGE	BRYANT BURNETT		
PETER CHANSEYHA	JEFFERSON COX		
JUSTIN EATON	MIKE ENDOSO		
COURTLAND FULLER	DEAN GRIMES		
ADAM HART	JT HOLT		
JULIENE JOYNER	KARIN JUSTMAN		
CYRUS LEISY	BRANDY LEWIS		
RYAN MARI	TAYLOR MCDONALD		
SPENCER MULLIGAN	MATT MURRAY		
JOHN NANIA	CHRIS NAYLOR		
ATHENA PERAMPLE	LLOYD PITTS		
RYAN RASBERRY	GREG DELA RIVA		
CODY ROBINSON	BRANDON SHAW		
PAUL TRUNZ	JOLENE VAN VUGT		
WILLIAM WEBER			
Supervising Art Director.....	SEAN BRENNAN		
Set Decorator.....	MELISA JUSUFI		
Art Directors.....	LAUREN ABIOUNESS CHRIS YOO ERIC JOHNSON		
Assistant Art Directors.....	ALAN LAMPERT JAIME MARIN		

Additional Editing.....	AMELIA ALLWARDEN				VFX Coordinators
	First Assistant Editors			STEVEN BAKER	SARAH KAZUKO CHOW
TAYLOR C. ERVIN		JOEY LIEW		PATTY HAYES	HANK KILGORE
ISABELL CHAVEZ VEGA		MCKENNA COOK		TATE PUCHER	KELVIN BARROS ANDRADE
MARK SCOVIL				HELEN CHHEA	
	Second Assistant Editors				Additional VFX Coordinators
ANDRÉS GAONA		ANEESA MEADOR		MIKAEL BETRU	CAROLYN NEWES
DANIEL MARTENS		IVAN MOUTINHO		ASHLEY NIZICH	AMBER WEST
JENNY LINDAMOOD		MATTHEW FARRUGIA		SAMANTHA MACDOUGALL	
TOJ MORA					VFX Production Assistants
Apprentice Editor.....	GERI INGALL			RYAN SALAS	VINCENT CASCIANI
Post Production Coordinators.....	LAURA QUINTELA			NICOLE CASTILLO	BRIAN ELLIS
	MARIAM YACOUB			COOPER ERNST	LEONARD PEREZ
Music Editors.....	ANNLIE HUANG			Data Wranglers.....	CASSIE ESPINOZA-OGDEN
	ERIC WEGENER				CALVIN GREER
	ROGER KOSTECK				THOMAS HARRIS
Assistant Music Editors.....	KRYSTAL JOHNSON			Junior Data Wranglers.....	CAMERYN DAVIS
	REBECCA SHRAND				IAN BRUNEAU
Apprentice Music Editor.....	ZACHARY OLSON			VFX Witness Camera Operators.....	NIARA SIMONE ROBINSON
Music Editorial Coordinator.....	ASHLEY ALMADA				KALEE GRIFFIN
Supervising Marketing Editor.....	CRAIG TANNER			On-Set VFX Intern.....	ANDREW JURKA
	VFX Marketing Editors				KEVIN CESPEDES
DAVID BLACK		IAN MCCLARREN		Production Supervisor.....	AMY CHANCE
GEOFF MURILLO		RYAN O'SULLIVAN		Production Coordinator.....	MK MARTIN
MIKE STONE		AMANDA WOODS		Assistant Production Coordinators.....	ANDY SIRAVANTA
	Editorial Production Assistants				GABRIELLE CORNISH
TATYANA ARAVENA		ALEX TOMEO		Travel Coordinator.....	KALYNN LITTLETON
JOSH TENEN		CASE CONNER		Production Secretaries.....	BETHANY COHEN
JAMIR WHITE		JANSSEN SWENT			VASHTI POWELL
Head of Finishing.....	MORNING STAR SCHOTT			Physical Asset Manager.....	ALEXANDRA HALE
Finishing Production Manager.....	THEA WARREN			Asset Warehouse Coordinator.....	TIM WHITEHEAD
Finishing Colorist.....	MATT WATSON			Physical Asset Assistant.....	ALEXA MANUEL
Finishing Color Assistants.....	KAELA BROWN			Environmental Steward.....	FRANK AMOROSO
	BRIAN CHANDLER			Second Second Assistant Director.....	MEGAN MORRISON
Finishing Data Technician.....	YESOD STONE			Additional Second Assistant Directors.....	RILEY FLANAGAN
Finishing Conform Editors.....	HR BARNETT				MEAGHAN GILLENWATER
	DAVID CHRISTENSON				ADAM LEE
Production Assistant.....	ELIZABETH MOGAYZEL			Key Set PA.....	DAN DIRKS
Additional VFX Supervisor.....	SANDRO BLATTNER			Health & Safety Manager.....	ALEXANDRA CASTELLANOS
On-Set VFX Supervisors.....	DAN AKERS			Health & Safety Supervisors.....	TANEISHA POLK
	KEVIN RAFFERTY				TAYLOR THOMPSON
	JESSICA CHAMBERLIN			Script Coordinator.....	EVA TAYLOR
VFX Editor Lead.....	MICHAEL KAMENS			Script Supervisor.....	DEA CANTU
	VFX Editors			On-Set ASL Recordist.....	KYLE KING
KOSTA SARIC		ZEKE MORALES		Lead ASL Interpreter.....	AMANDA GRAZIAN
TYLER WHITMAN		ERIC STAFF			Production Assistants
ANDREW VONA		RON SOUTH		ROBERT ADAMES	MARTHA ANGER
VFX Assistant Editor.....	MARIALYSE VEGA MARTINEY			RAPHAEL BUHAY	STEPHANIE CHUAH
VFX Production Managers.....	DENNIS MURILLO			DOT DADOUN	ASHLEY DICKEY
	JULIE BROWN			DEVIN ELLERY	TREY MCPHAUL
	VERA BENNETT			MIKE RICHARDS	CHARLIE SURGENT
On Set VFX Production Manager.....	MATT EBERLE			BRIDGET WEST	
VFX Inhouse Artist.....	IAN GLAUM				
VFX Accountants.....	LANEESA LANIER				
	TONI MESSERVEY				
Assistant VFX Accountant.....	RYAN GRAY				
VFX Payroll Accountant.....	JOSHUA PHILLIP-HUMMEL				

	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
JASLYN HARRIS		BLAKE HUGHES		JOEL LANKFORD
PRESTEN JACKSON		LAUREN LAVERE		SFX Technicians
DREW LUCIANI		DEVIN MCKAY	DAVID HERON	JARED FLEURY
JOEL NELSON		NAKESHA NJIE	JEFF KNOTT	STEPHEN KNOTT
LAWRENCE OFILI		ERIN PARKER	JOSH MITCHELL	MATT MCDONNELL
MARCUS SAMPSON		EVA SEQUENS	NICK NOLAN	CARLOS PARK
GABE SUGARMAN		RASHEEM TIDWELL	JOEL STUDER	THOMAS ZELL
SIMONE WEBSTER		OCEANN WASHINGTON	Property Master.....	RUSSELL BOBBITT
KYLIE WITTMER			Co-Property Master.....	JIM STUBBLEFIELD
			Assistant Property Master.....	ASHLEE KYKER
Production ASL Interpreters.....	ASHLEY CHANGE		Property Buyer.....	ADRIANNE SKRZYPEK
	HENRY ETSITTY		Property Accountant.....	KRISTI KING
	AMANDA SHANNON		Property Assistants.....	GRANT OGDEN
				ERIN CHOROSZYLOW
Production Contoller.....	RICHARD CASTRO		Property Coordinator.....	LAURA LESTER
Production Accountant.....	JEFFREY NEUMEIER		Property Administrator.....	KRISTEN TATUM
First Assistant Accountants.....	MATT DIGENNARO		Property Warehouse Manager.....	KELSEY HICKS
	LINDSEY ELLIS		Leadperson.....	KURT ST. JEAN
	CHERI HALL		Assistant Set Decorator/Set Dec Buyer.....	PAUL DETLEFSON
Second Assistant Accountants			Set Dec Coordinator.....	MELISSA ARCARO
ZACH BRADFORD	ANNA BUTTERMORE		Set Dec Buyers.....	JESSICA BAKER
ANITA LAGRAFF	SCOTT SCHREIBER		On-Set Dressers.....	MOLLIE ALEXANDER
DANIEL STANLEY	NICHOLAS WAGGONNER			TANYA WEBB
Accounting Clerks.....	CHRIS FLIPPO		Shop Foreperson.....	CRAIG JOHNSON
	KRISTEN STEADHAM		Set Decoration Fabricator.....	ALICIA MARCHAND
	JOHN UNDERWOOD		Upholsterer.....	ZACHARY BARRETT
Marvel Streaming Accountant.....	DANIELLA LAGRAFF		Set Decoration Gangbosses.....	ROBERT SADAKA
Marvel Streaming Assistant Accountant.....	CURT KUTSCHER			DAVID DUNGAN
Key Payroll Accountant.....	KIRSTEN SHORT			KYLE HOWSER
Payroll Accountant.....	TYLER HANSEN			PARKER MORRIS
Assistant Payroll Accountant.....	TAYLOR WARD			ROBERT SACCENTI
Above-the-Line Payroll Accountant.....	BLAKELY CLARK		Set Dressers	
Payroll Clerk.....	KIAUNNA KING		MICHELE ANDERSON	TERRY COLLINS
Construction Accountant.....	JIM SCAIFE		CHRISTINE COOK	WILL EGAN
Construction Second Assistant Accountant.....	MONTAE REED		MATT PARKER	KHALIL GEORGE
Construction Payroll Accountant.....	MIKE REGINA		MATT HALLADAY	THADDEUS HIGGINS
Construction Payroll Assistant.....	SAVANNAH MARTIN		SYD HOWELL	CHRIS MCGLAMERY
Construction Clerk.....	ELIZABETH UNDERWOOD		DAVID MEAD	KASHIEF MOBARA
Choctaw Nation of Oklahoma Team.....	TERESA BILLY		ADAM SCARBROUGH	ANDREW SHEFF
	IAN THOMPSON		PAUL TYSON	
	SETH FAIRCHILD		Set Decoration Production Assistants.....	KATO LAWTON
	STACY SHEPHERD			NIKKI BLASI
	STACY HALFMOON			SARAH IMLER
IllumiNative.....	EMI AGUILAR			MACKENZIE BEARD
	CRYSTAL ECHO HAWK		Production Sound Mixer.....	CHRIS GILES
	JESSICA MCEVER		Boom Operator.....	JARED WATT
	LEAH SALGADO		Sound Utility.....	BRITTANY MYERS
Cultural Coordinator.....	PESHAWN BREAD		Music Playback.....	JOHN MASKEW
SFX Supervisor.....	DAN SUDICK		Video Assist Operator.....	JESSE OLIVARES
SFX Foreperson.....	JOEL MITCHELL		Additional Video Assist Operator.....	JORDAN ELEY
SFX Coordinator.....	MARC BANICH		Video Utility.....	CESWANNE LEWIS
Pyro Supervisor.....	BRUCE MERLIN		Computer/Video Supervisor.....	ALEXANDER SEARS
Pyro Foreperson.....	CHRIS JOHNSON		Computer/Video Playback.....	CHRIS ADAMS
SFX Accountant.....	CHAD WEAVER			

Chief Lighting Technicians.....	CARLOS BAKER BOB BATES	JOHN BARBER HANNAH GORDON	Rigging Grips	RYDER CLEGG 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 MICHAEL KLANN	BRITTANY BLANTON		MITCHELL HOBBY
Fixtures Foreperson	JOEL WARREN	CHRIS MOORE		RYAN RICHARDSON
Fixtures Best Boy.....	JASON WHITE	JAMES STILL		DIANA SUSTAITA
Fixtures Technicians.....	JUSTIN BROCK PETE KLINGENBURG	BRIAN WILLIAMS		
Rigging Chief Lighting Technician	TOM FENDLEY	Supervising Location Manager	RYAN SCHAETZLE	
Rigging Assistant Chief Lighting Technician	BRITT REGAN	Key Assistant Location Managers	KYLE CAREY	
Rigging Electric Forepersons	RICHARD HICKS MATTHEW BARNES		JOHNNY CHEN ANDREA KEENER SAMANTHA MERTEN	
Lighting Network Foreperson	NICHOLAS COOGAN	Assistant Location Manager/H&S	RICKY TYREE	
Lighting Network Technicians	JEFFREY REID ANDREWS NIKOLAS LOPEZ	Location Coordinator	SLEAN PEAVY	
Basecamp Electrician.....	JIMMY HERRING	Location Scouts.....	RENEE BROCK JAMES BRADLEY SMITH	
Lighting Technicians	FROY MADRIGAL HAILEY HANNIGAN ED O'HARE CHRIS PAULINA CORNELIUS WILLIAMS		Assistant Location Managers	EMORY HESTER REID PITTMAN EMILY ORAMA
	Rigging Electricians		Location Production Assistants	NATE GORDON EVAN KINGSFIELD
RON BETTS	JACKSON FLYNN	THOMAS BATLINER		
FERNANDO GARCIA	JAMES HASHIMOTO	DANIEL HOLTZCLAW		
CARSON MAYNE	DEREK NOEL	ANDREW ROBERTS		
PATRIC WILSON	RYAN BASSO			
TYRELLE BROWN	AUSTIN BRYAN	Assistant Costume Designers.....	KIZZIE MARTIN LILLAS	
MATTHEW CULLEN	IVAN GUIDEN		KRISTINA ELAINE TAYLOR	
ERIC ZACHARY FORD	SEAN HELPER	Costume Supervisor	AMANDA STEELEY	
MATTHEW HODGE	STEVEN KENNEDY	Key Costumer.....	LAUREN DRISKILL	
ALEX LENNEMAN	LATRONN LEWIS	Key Background Costumers	ANDREW PATTERSON JENNIFER KAMRATH	
CAMERON PUGH	KYLE RIPLEY			
ALEXANDER WHARTON	DARIELLE WILLIAMS	Set Costumers	JUSTIN ARMER RIKI LECOTEY MICHAEL LUTZ CAITLIN MCCRAW BENJAMIN GIBICSAR	
Fixtures Technicians.....	STEVEN HARALSON JUSTIN BROCK	Truck Costumer.....	MOLLY KAMRATH	
Key Grip	RUDY COVARUBBIAS	Costume Coordinator	KAITLYN MARGARET SMITH	
Best Boy Grip	ROBERT KRAFT III	Head Ager/Dyer.....	KEITH HUDSON	
A Dolly Grip.....	RALPH SCHERER	Ager/Dyer	CAITLEY SYMONS	
B Dolly Grip.....	CRAWFORD RUSSELL III	Head Cutter/Fitter.....	BEN WALSH	
Patriot Car Driver.....	MATTHEW BERNING	Shoppers	QUEENESHA GREGORY VALERIA CHELALA LA'TARCIA RILEY	
Key Rigging Grips	JERRY SANDAGER FERNANDO FRAUSTO			
Best Girl Rigging Grip	LAUNCELLE BUSTAMANTE	Costumers.....	RYAN DEMPSEY JESSIE AIKEN JACOB COOPER REGINE LINHARES	
Rigging Grip Forepersons	TOMMY DONALD JASON HAYNES MICHAEL TRAVERS			
Stratus Rig Technician	JUSTIN HARD	Costumers (LA)	RACHEL SORIANO SARAH CREAGER SHANNA KNECHT	
Stabilized Head Technicians	ROCKY BABCOCK CHRIS DAWSON			
Grips	JOSH GRAINGER DANNY COOPER CONOR DAILY JEROME NORMAN ADOLPH STEELE	Stitchers.....	SAMANTHA KINGSLAND SOPHIA PARRISH KEUMJA JULIE SHIN REBECCA SHOEMAKER	

Costume Production Assistants	ANNA MARIE SCHREIBER CHRISTINA WEBLING CASTIELLA LOMAS	Scenic Artists	CHAD HOLBROOK SAMUEL PACTOL
Hair Department Head	MICHELLE DIAMANTIDES	Sign Writer Supervisor	MICHAEL VASQUEZ
Key Hairstylist	TRACI WALKER	Labor Forepersons	ALEX AGUILAR RUBEN LAHN AJ URQUIDEZ
Hairstylists	AISHA RUSSELL TIM BLACKBURN	Welding Foreperson	CALEB PHILLIPS
Bushto Background Supervisor	LOUISA ANTHONY	Millshop Foreperson	FREDERICK ROBERTS
Makeup Department Head	JILLIAN ERICKSON	Sign Writer Foreperson	ARCHER WATKINS
Key Makeup Artist	DEVIN MORALES	CNC Modeler	MARK KLIMKO
SFX Makeup Artist (Ancestors)	JONAH LEVY	Buyer	JORDAN WATTS
Makeup Artists	JESSICA CRAIG KELSEY BOUTTE ADAM WALLS	Tool Foreperson	COLE MILLER
Atlanta Casting by	TARA FELDSTEIN BENNETT, CSA and CHASE PARIS, CSA	On-Set Construction	SHANNON MULLINS
Casting Associate (LA)	JACQUELINE GALLAGHER, CSA	Greens Gangbosses	KIERAN GILLOOLY WILLIAM TRIPPE
Casting Assistant (LA)	GREGORY KORN	Stand-by Greens	CHASE SHELTON
Executive Assistant to Ms. Finn	ADYLENE VILLANUEVA	Paint Forepersons	GREG MUSSELMAN LARRY FARRIS ELIZABETH HAGGARD MIKE TORINO
Casting Assistant (ATL)	TASHA WARD	Greens Forepersons	
Extras Casting Manager	TONY AVALOS	MIKE FLYNN	CARY GOEN
Associate Extras Casting	MARYMARGARET O'NEILL	OHN HEMPHILL	LARRY SCOTT
Unit Publicist	JOHN PISANI	MALLORY SHELTON	Propmaker Forepersons
EPK Producer	KYLE LEONARD BRAD BARUH	AMANDO CALHOUN	JEREMY ALAN COOK
EPK Sound	DANIEL FABER	JOE COUCH	SETH GARDNER
Indigenous Background Casting by	MIDTHUNDER CASTING FREIHOFFER CASTING	JOSEPH GRAY	DAVID LONG
Production & Development Manager	SAMANTHA VINZON	WILLIAM MONROE	MICHAEL O'NEAL
Executive, Office of Mr. Feige	JENNIFER HAMILTON	DUSTIN PAYNE	BILLY ANDREW WADE
Executive Assistant to Mr. Feige	MELISSA SCICLUNA	Catering by	TONY'S CATERING
Executive Assistant to Mr. D'Esposito	BRIANNA DASILVEIRA	Head Chef/Owner	TONY KERUM
Streaming & Animation Executive	LIANA OJA	Chef Driver	HOLMES JIM
Production & Development Manager	MATT WILKIE	Chef Assistants	WILL ADAN GARRY NAZAIRE
Executive Assistant to Mr. Winderbaum	CANDICE HORDE	Catering Assistants	
Assistant to Ms. Booth	SANJANA CHOWDHURY	EMELY GUADALUPE ADAN GONZALEZ	ARALIZ SOBERANIS
Assistant to Mr. Tamez	ALEC WITTSCHIEBE	ESTEFANY YANET RODRIGUEZ	RUBEN RODRIGUEZ VEGA
Assistant to Ms. Freeland	DONATELA VACCA	JORGE LUIS FRAGOSO	
Assistants to Ms. Cox	KLARISSA WEAVER CELINE MCDUFFIE	Key Craft Service	BRYAN SHANK
Writer's Assistants	ELLEN MORTON KAITLYN JEFFERS PALOMA LAMB	Supervising Medics	DERRON DELANEY NOAH HOWARD
Trainer to Ms. Cox	ANNE REUSS	Craft Service Assistants	FATEMEH AMINI INDIA MARTIN MICHAEL SAMMOUR SHELLEY SMITH
Studio Teacher	CINDY SHERWOOD	Set Medic	SHAWN DELANEY
Construction Coordinator	MIKE MILLER	Medics	SANFORD BARDEN MICHELLE STRAUSS WILLIAM WILSON
Construction Co-Coordinator	TONY MEDINA	Set Security	BREA CHILDS JASON COLLIER JOHN CULLINS JACK ROACH
General Foreperson	JEFFREY MCMAHON	Transportation Coordinator	TYSON WEATHERFORD
Paint Supervisor	LARRY CLARK	Transportation Captain	GARY WEATHERFORD
Purchasing Foreperson	ERIC DEYOUNG	DOT Coordinator	GRAHAM READY
Plaster Supervisor	ERNEST LOPEZ JR.	DOT Compliance	SHANNON YOUNG
Lead Sculptor	JAMIE MILLER	Transportation Dispatcher	LANA FISHER
Decorator Gangboss	BRETT TOMLINSON		
Greens Coordinator	DANIEL GILLOOLY		
Scenic Artist Foreperson	RALPH SARABI, JR.		

Picture Car Coordinator KEN GOLDWASSER
 Picture Car Dispatcher..... RANDI LAYNE
 Picture Car Mechanics..... BEN BLAZAVICH
 CHRIS BRUBAKER
 JORGE CASILLAS
 Transportation Production Assistants.....BRETT RENOVA
 PARKER CURTIS

Drivers

MICHAEL RENOVA SHERI BURTON
 NORRIS PITTS ALFRED BOYKIN
 RODNEY CURTIS NIK ALLEN
 RODNEY AUTREY DUMONT CAMP
 MANUEL CARLEY DAVID CATO
 RICKEY CROWE RONNIE DAVIS
 KENNETH DOBBS MIKE DOBBS
 CHARLES FARR DIMITRI FOTOPOLUS
 BRIAN GOLDMAN KEVIN HARGROVE
 SHANE HASTY WAYNE HOGAN
 RALPH HOLT NATE HOWARD
 JOEY HUEY RICK IVEY
 DALE JACKSON KEVIN KELLEY
 DONNA KOPACZ MIKE LOUGHREY
 CHARLENE MATTHEWS GUS NEWTON
 RAYMOND ODELL ROBERT OXFORD
 TRACY OXFORD PHIL PARR
 VICTOR PULLIAM GAYLE RAWLINS
 MIKE RODGERS MITCH SEIGLER
 AARON SMITH KRISTIN SMITH
 SHERRY STANLEY KEVIN STONE
 CHARLES TENNEY MARSHALL TRUMPOUR, JR.
 MARSHALL TRUMPOUR, SR. DERRELL TWEDELL
 RAYMOND VICOS TABITHA WALKER-ROGERS
 TIM TWEDELL MATTHEW WATSON
 ROBBY WELLS TRAVIS WELLS
 HELEN WESTBROOK COUNTESS WILLIAMS
 EARL WILSON MATT WITZ
 RON YOUNG JOHNNY WOODRUFF
 JENNIFER WATKINS ROBERT TAYLOR
 ZACH OXFORD COREY JONES
 KENNETH GARDNER 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 AssistantROBERTO DELGADO
 B Camera Second Assistant.....RODELL FRANCIS

Digital Imaging TechniciansQAIS KARADSHEH
 KEVIN COLBER
 Digital Utility.....LIZ METZ
 KEVIN GASPAR
 FREDERICK WYNN
 Camera Loader.....NATHANIEL POOSER
 Second Second Assistant Director RYAN PEZDIRC
 Assistant Prop MasterMATTHEW MAHANY
 Property Assistants..... ZACH RAWLINSON
 RYAN CROWLEY
 BROOKE CLAUSEN
 On-Set Dresser.....KASHIEF MOBARA
 On-Set PaintersDOUGLAS 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
 Sound Mixers PAUL KATZMAN
 GRAHAM KICKLIGHTER
 Boom OperatorsMATT THOMPSON
 BEN FARTHING
 Hair Dept HeadsRENE 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
 CHELSEA DOBRUCKI
 ANDREW CRANE
 JARON CLINKSCALES
 NATERIA BARBER
 COURTNEY HALL
 MARTHA ANGER
 GRANT PETRUCCI

CALEB GORDON-KILGORE
 ALYSSA GOLDMAN
 SANDRA YULIETH
 RANDY BURNETTE
 GARRETT SAMPSON
 MALLARY BUNDY
 MADDIE BRENT
 JEFF DAVIS

Production Assistants

KELLY BALAGURCHIK
 DARRYL BYNEM
 REBEKAH COVEY
 SAM HURLEY
 DORIEN JAEGAR
 RICO LOAIZA
 TRAVIS MEGUIRE
 RILEY O'DELL
 AARON SIMPSON
 PETER SWANSON
 CHRIS STYRON

DEJOANE BOWMAN
 STEVEN CORRADO
 MARLOWE DITTRICH
 SHAYLA JACKSON
 MATT JOHNSON
 EDUARDO LOZANO
 MALLORY PROST
 DUSTIN RILEY
 SALLIE SLEDD
 CHELSEA SOLOMON
 NICOLE TIERNAN

ADDITIONAL PHOTOGRAPHY UNIT

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

SFX Foreperson STEVE FICKE
 SFX Technicians ROY MARTINEZ
 BISHOP WATTS

Stunt Performers

TANNER BYLE
 JOHN CULLINS
 CRYSTAL HOOKS

ALEX CHANSKY
 CORY DEMEYERS
 THEO KYPRI

Set Decorator MÓNICA MONSERRATE
 Leadperson JASON OLSON
 Set Dec Coordinator COURTNEY DEES

Core Dressers

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

COLTON COMANS
 BEN COUCH
 JOHN BAYLES
 Buyer RACHEL BELL
 On-Set Dresser MATT BARR
 On-Set Dresser (Splinter Unit) DAKOTA HEATON
 Key Grip JACK CHOCHANIAN
 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

Assistant Production Coordinators JORDAN LAVELLE
 CHRIS MCINTURFF

Second Assistant Accountant RAKELL GIBBENS
 Accounts Payable Clerk ALDANY DIAZ
 SARAH OSTROFSKY

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

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
 DYLAN GENIS
 MIKE RICHARDSON
 FRANKIE ZAMORA

DAVID GENIS
 DAVID LEWIS
 TAWAND SMITH

Assistant Costume Designer KRISTINA TAYLOR
 Costume Coordinator STACIA P. CLARKE
 Set Costumers RIKI LECOTEY
 JOCELYN WALKER

Costume Assistants DWAYNE CORNELIUS
 SKYLAR SANDERS

Costume Supervisor	LESLIE ACTON	VP Security, Content Protection & Facilities	MATTHEW SLATOFF
Key Costumer	ANDREW PATTERSON	VP Physical Production	TREVOR WATERSON
Truck Costumer	MOLLY KAMRATH	Physical Production Executive	MJ CABALLERO
Ager/Dyer	ANNE LEE	Product Placement Executive	JULIE A. KELLER
Extras Casting	ALYSSA JACOBSON	Physical Production Manager	GRAHAM LAWYER
Labor Foreperson	BRYCE ALLEN	Story Manager	ANDREW REIBER
On-Set Paint	ANGIE DOVER	VP Visual Effects	JEN UNDERDAHL
Head Chef/Driver	JOSE LOPEZ	Visual Effects Executive	GARY CARRILLO
Cook Manager	KEN CARROLL	Post Production Executive	GISELLE JOHNSON
Catering Assistants	ANGEL ADAN, JR. DANIEL OSORIO CRISTIAN PADILLA BRYAN REYES	Music Executive	FLETCHER BEASLEY
		Post Production Manager	HEATHER BENNERS
Key Set Medic	CECIL CHATMAN	VP Content Operations	RANDY MCGOWAN
Medic (Splinter Unit)	ELEASA MILANO	Content Operations Executive	EVA PRELLE DEBOSE
Location Manager	DAVID WILLIAMS	Localization & Mastering Executive	ROMANA SAMARITANI
Location Coordinator	DIANA ARDILA	Digital Operations Executive	BRYAN PARKER
Assistant Location Managers	JOSHUA ACOSTA LUIS CORRALES DARRIUS TUCKER	Digital Asset Coordinator	GLENN GARRIDO
		VP Communications	ANGELA SHAW
Location Assistants	MARTIN AGUILAR JENSEN CHAN ETHAN COBB	Communications Manager	LAUREN PEREZ
		VP Franchise Creative & Marketing	DAVE BUSHORE
Hairstylists	JEROME ALLEN DAYARA CALIPOLITTI	VP Franchise Creative & Marketing	SARAH TRULY BEERS
Makeup Artists	JESSIE GAMBARDELLA ADAM WALLS	Franchise Creative & Marketing Executive	KRISTY AMORNKUL
On-Set Greens	CHARLIE TRIPPE	Head of Unscripted Content	JEFF REDMOND
On-Set Construction (Splinter Unit)	JEFF HOFFMAN	Unscripted Executive	LISA ZUSMER DELPRETE
Craft Service Assistants	SAMANTHA CUNNINGHAM CHASE STAFFORD	Head of Technology	EDDIE DRAKE
		Production Technology Executive	KATIE HINSEN
Key Craft Service (Splinter Unit)	ESMIRNA VALDEZ	Production Technology Managers	MICHAEL MALONEY KATIE MITCHELL ANDREW NIELD
Craft Service Assistant (Splinter Unit)	ORENTHAL PATTERSON	HR Business Partner Executive	MAYERLING DIAZ-WILSON
Transportation Captain	CHARLES PICKARD		
Picture Car Coordinator	JOSH FULLER		
Picture Car Driver	ROBERT TWEDELL		
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	

	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 ZSLAVSKY

Marvel Studios Security, Content Protection, and Facilities

BARRY CURTIS MAT DORNEY
MARC ZORN ALECIA EMERSON-THOMAS
AMBER ZAZUCKI PAYDEN EVANS
MADISON GREEN MELISSA DAYAO
MARIA MATSARIDIS JACOB BISSELL
ISAAC HUNTINGTON

Marvel Studios Costumes Team

WENDY CRAIG DOUG MALLETTE
HUNTER CRAIG CHRIS NEWLANDER
CORY PRATT ROSS FLEMING
TY MILLER MIKE MACFARLANE
DOMINICK DERASMO BOB MOORE, JR.

Marvel Studios Plates Lab

CHRISTOPHER CHAPMAN JOSH DAGG
MEGAN FLOOD COLLIN PELTON
XAVIER ROMO YEANN TAI
Echo Created by DAVID MACK
and JOE QUESADA

With Special Thanks To

KYLE CHARLES STAN LEE
LUCA MARESCA JIMMY PALMIOTTI
JOHN ROMITA SR. REBECCA ROANHORSE
DAVE ROSS

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 CHRISTOPHER ALLEN
NATALIE MANGIONE JASMINE OSUNA
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 BARBARA A. LANGE
BRIAN MCKENNA RHONA NICI PARRY
STEVE NUCHOLS DUSTIN SANDOVAL
MICHAEL TRICE LAUREN WRIGHT SOBEL

Avid Engineering
 JEFFREY K. FU
 BRENT KOETTER
 STEPHEN POTTER

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 by
 BASE FX

VFX Supervisors..... JARED SANDREW
 WANG LEI

Production Managers BRON BARRY
 SHEENA ZHAO

Head of Production SONIA NIU

Asset Supervisors WANG XINGAN
 HON WUI YAP

Effects Supervisor..... QIN YAN

Digital Matte-Painting Lead WANG LU

Lighting Leads..... LAVENDER YUAN
 WANG HAO

Rigging LeadZHANG MINGMING

VFX Editors GONG KE
 WANG QI

Base FX Executive Producer SHAD DAVIS

CEO CHRIS BREMBLE

Production Coordinators DENG KUN
 LAUREN YIN

CG Supervisor..... JIA GUODONG

Effects Lead.....DENG HONGJI

Comp Lead WU TIANGE

Roto / Paint Leads.....ZHANG YUNFEI
 SUN JIANWEI

Matchmove Leads LI BIN
 MELODY LIU

Production Team..... NURUL BALKINS HAIRUL ANUAR
 CEEJAY CHIN
 LORCA ZHAO
 LIU MINGYUE

Asset Artists

CHUN LIANG NG
 LI XIANG
 WANG ZHIHAN
 CHARLTON CORDOBA
 WANG QI

KOK KIM KHOR
 LIU MI
 ZHANG CHUNJIE
 TIAN FUGUO

2D Artists

CHANG YANG
 FENG DAN
 HE SHUANG
 HU ZIYI
 LI AOZHE
 LIU HENGQUAN
 LIU YONGLE
 NIU MINGLI
 QIAO WENFA
 WANG JIABIN
 WEI LIMEI
 YIN SHUAI
 XU CHENGCHENG
 FENG WU
 LI YAPING
 SHI YANXING
 WU LIXIA
 CHANG ZHUANG

DENG HAONAN
 GUO SHENGMING
 HAN HUIQIN
 HUANG HAORAN
 LI XUECHEN
 LIU LIRONG
 LU XIAOJING
 QIAO YIZHE
 SUN ZE
 WANG PANPAN
 YANG YANG
 ZHANG JIALIN
 AN MING
 KANG JIAN
 OU JUN
 SUN YULI
 ZHANG XUEFENG
 LIU HUIDAN

	3D Artists		TAMARA STONE	KRISZTIAN SZEIBOLD
BI YANCANG		CHEN LONG	SUSIE THULLIEZ	JASON TRANETZKI
DU JIANGFAN		FAN PENGBO	JEREMY YEO-KHOO	DENNIS DUHUI YOON
GONG SHUAI		HE XIAOMENG	SRIHARI REDDY AMUDAM	SUDHA SRINIVAS MUSUMURU
HU KUAN		HU LIJIAO	BALACHENDER ARROLLA	
JING YIFAN		KAH YEE LEE		
LI CHONG		LI JINGXIN	Visual Effects by	
LI PINXUAN		LI RUNLIN	LOLA VFX	
QIU KANG		RAMESH EDUPALLI		
SUN PEIYANG		WANG LIN	VFX Executive Producer	WILL ANDERSON
WANG YINGAO		WEI HAIXIA	VFX Producer	KATHARINE MEADOWS
XIE LIYAN		XU ZHE	VFX Supervisor	TRENT CLAUS
YANG HUIYU		ZHANG QING	EP/Supervisor	EDSON WILLIAMS
DONG QINGBIN			VFX Coordinator	LAURA B. ABELLAN
	IT & Pipeline Support		Accounting	CARLOS MORENO
CAO FEI		WANG XUESONG	Digital Artists	
ZHANG CHUNXIAO		ZHANG YANTAO	BRIAN HAJEK	CHRIS CABRERA
CHI YUREN		LIANG YUE	DAVID MYLES	RUSSELL MACK
LIU ZHIWEI		QIANG BAOSHI	TAKAHIDE NAKAMURA	NATSUKO YAMASHITA
WANG HAO		XIE MINGHUI	MATT CORDERO	SUN LEE
	Visual Effects by		WEI-LING FU	ROUSSELOS ARAVANTINOS
	DIGITAL DOMAIN 3.0		SIMON DEIGHTON	JASON SCHAEFER
VFX Supervisor	ALADINO DEBERT		DAVID HERNANDEZ	CLIFF WELSH
VFX Producer	RYAN WILK		LOENG WONGSAVUN	CHRISTIAN SALVADOR
	Supervisors and Production		JACOB METCALF	SHANNONN ALCANTAR
ERIC M. BEAVER		DAVID LIU	RYAN E. MURPHY	ANDREW STUHLIK
LAUREL MONTGOMERY		ARDA UYSAL	MEGAN WHISENHUNT	SOPHIA STUEVEN
ROB VIGORITO		KEN NELSON	ALLY HALL	ABBY HALL
DAVID AN		JENNIFER AVERY	ANGELA WALSH	KAYLEE HATFIELD
FRANCIS BAYARD		RAJASHEKAR BOLLARAM	ANNIE WANG	JAMES O'BRIEN
SRIDHAR EGA		ELEANOR MATTHEWS	GREG MEADOWS	ALEXANDER PAEN
VIJAY RANGU		LILIAN ROSE SMITH	COREY LAISURE	BRIGETTE MARTINEZ
AUBREY LADAN		NEHA SANDHU		
MATTHEW WADE STOKES			Visual Effects by	SSVFX
	Lead Artists and Digital Artists		VFX Supervisor	ED BRUCE
CYNTHIA ARAGÓN TREVINO		JOE CHIANG	VFX Associate Supervisor	AMREI BRONNENMAYER
ERIC COWAN		JANET FREEDLAND	Head of 2D	ROBERT HARTIGAN
VENKAT GADDAMPALLY		KISHOR JOSHI	Compositing Lead	NIALL MOONEY
MARION MAHU		JAYMIE MIGUEL	VFX Editor	SEAN HICKEY
TANNER OWEN		HAREESH POLA	Head of Technology	GARVIN MCGOLDRICK
MURTHY PUTREVI		HANUMANTHA RAO B	System Engineers	DANIELE PELLEGRINI
SRINIVAS REDDY VONTELA		NAGUR SHAIKH		ELYWELTON DE OLIVEIRA LOPES
EDMOND SMITH III		NELSON SOUSA		LUKE FRENCH
PAVAN SUTRAYE		CHRIS WATKINS		RUTH KERR
EUGENE ANTSIFEROV		RYAN BRIDGER	Studio Manager	ELAINE DONOGHUE
JOSH CLOS		RAFAEL FRANCISCO COLON	VFX Producer	LAURA MCDOWALL
NAVID DADGAR		MARIA DELGADILLO RICAUD	VFX Coordinator	KATIE REID
RAFAEL ECHEGARAY		JORDAN FAST	VFX Production Assistant	EDIANE BRUM
VICTOR UTKU GOCER		JIM HATIBARUA	Head of Studio	NICHOLAS MURPHY
THOMAS HOZE		MANUEL HUERTAS MARCHENA	Head of Production	KENNETH COYNE
SYED HASSAM HUSSAIN JAFRI		BRUNO KAWABATA	Pipeline TDs	CHLOE PIETTA
PAUL KULIKOWSKI		NEMA SAFVATI		CHRISTIAN HEIN
NICHA KUMKEAW		SEUNG JAE LEE		KENDYLL HOGG
RAPHAEL LEGROS		ANDREW LEMA		ROBERT THOMPSON
MATTHEW LUCAS		PATRICK MANNING		VALERII HUBA
NICOLAS NDAME EBOSSE		MAXIME PELLETIER	Studio Coordinator	DANIEL BRADY
CLARISSA PEÑA		ASHWIN SAREEN		
YOANN SCHMID		SHRIVAS SHYAMSUNDAR		

Compositors		Roto	
ALEKSEI SIDORENKO	ANDREI GORAN	AKSHAY KADAM	ASHUTOSH SINGH
ANNA SORGON	ALESSIO CAVALLINO	BHAVESH T. PATIL	ANKIT KUMAR ASHOKKUMAR SHARMA
BEA MUSAT	DANI PONS	RANJEET MADHUKAR PATIL	JAYENDRA PRAKASH JADHAV
EMANUEL BARTOLOZZI	GORAN KJULAVKOVSKI	PRATIK DAS	SANKET GURAV
HRISTINA PATKOVA	JORDAN LAIKING	SUMAN KUNDU	CHANDRASHILA LALIT MANSUKH
KELLY O'FLAHERTY-LANE	LIDIA ROMERO MUNOZ	SUDHA NAIDU L	MAHESH SANTOSH BAGUL
LUCIA PARIS	MIGUEL JARAMILLO POSTIGO	RUSHIKESH VEDPATHAK	SOMNATH J. KASAR
MYKHAILO TYMOSHENKO	ORIOLO ARGULLOS	WAGHMARE AWANTI ANNASAHEB	VAIBHAV GAIKWAD
RACHEL HYNDS	RODOLFO ZANI	VAIBHAV JADHAV	ANIKET SHRIRAM GUJAR
WILL SMITH	DAYNA CROSSAN	OMKAR JADHAV	SURYAWANSHI KAMLAKAR
EDUARDO FARIA	SCOTT MULHOLLAND	SUMED SALVE	HARMANDEEP SINGH
SUGEY ALCIVAR MONCAYO	CLARA PANDO	SUKANTA KUMAR SWAIN	KAPIL CHHALOTRE
IVAN GARCIA	CLAIRE CUSACK	ABHILASH BABY	AMLESH KOSHITA
KARL BROOKS	JASMINE POIANA	SURAJ SHINDE	MANAGOVINDA SAHOO
BLAISE WALSH	NICCOLO BARBERO	ANKIT MISHRA	CHETANKUMAR BALASAHEB SHEWALE
NICLA CINO		DHANANJAY PRAKASH MALUSARE	GOVIND RAJESH DAIYYA
Executive Team	JAKE WALSH	VAIBHAV DIGAMBAR KHAIRNAR	KANTILAL DNYANESHWAR YEOLE
	HUBERT MONTAG	DHANANJAY RAJENDRA PATIL	NILESH SANER
	MURA O'BRYNE	RASMI RANJAN SAHOO	VIJAY YADAV
		DASYAPU MADHU	
Visual Effects by CANTINA CREATIVE		Paint	
Senior Creative	STEPHEN LAWES	PRATIK BHAUSAHEB SHINDE	MOHAMMAD ABDUL WADOOD
VFX Supervisor	TONY LUPOI	AMBADAS SHESHRAO KANGARE	SUDHIR KHANDEKAR
Systems Engineer	DOUGLAS RENN	PARAG RAJENDRA KAWALKAR	PINTU KUMAR
Cantina Creative Executive Producer	DONNA CULLEN	SUMIT PATIL	NILESH ASHOK JAGDALE
VFX Coordinator	MADELEINE MCKEE	VINITA CHAUHAN	TUSHAR TULSIDAS BURSE
Office Manager	ADRIANA GONZALEZ	ANIKET SANJAY RELEKAR	TIPU SULTAN
		RAVI KUMAR BHAGAT	PRATEEK MISHRA
	Artists	ROHIT KUMAR SINGH	JAYANT RAMESH BHAVSAR
WES C. CAEFER	CARLY CERQUONE	GAIKWAD RAHUL DATTA	KAKADE AKSHAY BAPURAO
MATT EATON	ROBYN HADDOW	KING KUMAR	NIRAJ KUMAR
NATE JESS	SAM RICHARDSON	MANGESH GOVIND GADEKAR	VISHAL D GORE
PALOMA SKY RODRIGUEZ		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
Visual Effects Supervisor	GRANT LEE	VENUKUMAR DEVARKONDA	SATISH AMBADAS WAKCHAURE
Senior VFX Producer	MARK SIMONE	CHAVAN SHAM DINANATH	SUNIL KUMAR
VFX Associate Line Producer	KARI-LYN GRAVEL	AKASH KUMAR SINGH	MANISHKANT NARAYAN MEHTA
Editors	JESS JANSEN	MANOJ KUMAR MARKAM	ABDULLA AJMAL AKHTER
	GARRET HENRY	RAHUL ANANDA KUMBHAR	MOHAMMAD AJAZ ALAM
TD	RYAN HIRSH	KAILASH KUMAWAT	SHIPRA SRIVASTAVA
		PRAVESH BHOYAR	SINGH SANJAY RAMRAJ
	Production	Compositing	
KAIT BURNS	HAKIMUDDIN HUSAIN	Yael Majors	VICTOR FERNANDEZ
MAYUR SURESHRAO ADMANE	SOUTRIK DEY	Derek Tracy	PETER DOROSZ
CHAITANYA ARUN GAUTAME	ASHISHKUMAR MISHRA	VILAS KANKUNTLA	SIVA NESAN
SIMRAN SARIF	JAMIE KNOOP	ARJUN SAHAPURKAR	VRUSHABH H KUMBARE
RAYMOND BENJAMIN SEQUEIRA	DEO ASHISH	LEE MURRAY	MEGAN GRAHAM
MANISH WALMIKRAO MUDE	YOGESH KHEDKAR	HIMARAM MANDALI	VARDHAMAN PATIL
NITHISH GARLAPALLI	VAISHALI GORADIA	MAYANK MEGHRAJ DAHEKAR	NAMAN GUPTA
KAMAKHYA PRASAD SAHU		RISHABH KK WAL	GAURAV DHANDE
		SAURABH SANJAY JADHAV	CHANDRASHEKHAR CHALLA
		SUYOG MORE	ADITYA MALWADE
		KUMAR ABHISHEK	SANTOSH KUMAR SINGH

Visual Effects by
BARNSTORM VFX

VFX Supervisor..... CHUN SEONG NG
VFX Producer..... SUMIRE TAKAMATSU
CG Supervisor..... STEFAN SCHNEIDER
Compositing Supervisor..... MICHAEL CRANE
Executive VFX Supervisor..... LAWSON DEMING
Executive VFX Producer..... CORY JAMIESON
Global Head of Production..... CHAD HUDSON
VFX Production Manager.....KRISTINA LEE

Artists & Production Support

HONEY KHADEM JAYRAJ KHARVADI
CLARA COULTER NICK CHAMBERLAIN
ALEX YOUNG BEN MCDOUGAL
ANTONIO CARBAJO BESCANSA BRIAN HOBERT
MARC BONNEVIOT KAREN HULSE
JACOB KUHNE MARC BELL
JOE SALAZAR KARTHIKEYAN KARUPPASAMY
RICK RAVENELL ROBERT LAUGHLIN
SILSUNNY DSOUZA JUAN FERRA
RALPH DE SOUZA TAMARA MITCHELL
ANDREW STEIDTMANN MICK REID
KA CHUN CHENG AKKO SINN
MURIPALA SUNIL KENNETH ARMSTRONG
WANDA KWOK BILL PARKER
SANG MYEON PARK MARCUS RUBONE
DAVE LADNER MICHELLE PINARGOTE
TARYN FOSTER BHARTI JOGIA-SATTAR
ERIK NELSON JOSE ALEJANDRO ENRIQUEZ
VERONICA WANSTREET DANIEL CORONA
JULIA PFEFFER JUSTIN FOX
LAURA LEE CAITLIN KNAPP
ASHISH RAISINGHANI BETSY BINA
BENJAMIN CHENG BRADFORD DAWSON
CHRIS MARTINEZ NICO PUCCIARELLI
PRATEEK RANGINENI

Visual Effects by
SOHO VFX

Visual Effects Supervisor..... KEITH SELLERS
Compositing Supervisor..... DAN POWER
Lead Digital Artists..... JORGE RAZON
Visual Effects Producers..... KELLY MCCARTHY
ALLAN MAGLED
Visual Effects Production Manager..... HAKYUNG CHANG
Visual Effects Production Coordinator..... YASMEEN TAYARA

Digital Artists

DANIEL LUIZ CRUZ AZEVEDO DANIEL HUNYOUNG CHOI
DANIEL LU DANIEL ST-AMANT
GRAHAM KARTNA RUSHABH SHAH
SCOTT PATTON

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

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 RYAN STERN
DAN ABRAMS DANIEL TAPPAN
RYAN ROBINSON TREVOR WARD

Additional ADR
IGLOO MUSIC
SMART POST ATLANTA

ProADR Looping ML GEMMILL
BERNIE VAN DE YACHT

Loop Group
JOANNA DELANE DAVID HECKEL
ALEJANDRA JAIME SANCHO MARTIN
JACOB PRATT LIBERTY RAE CASPER-DOWNS
JUSTIN SHENKAROW ELIZABETH SUTHERLIN
JASON LINERE WHITE

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
PIX

MUSIC

Executive Assistant to Mr. Jordan AMANDA BEIR
Orchestrations TIMOTHY WILLIAMS
Conductors CHRISTOPHER GORDON
Contractor ALEX HENERY
Choir Contractor ELIZABETH SCOTT
Orchestra SYNCHRON STAGE ORCHESTRA
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 Librarian CAROLYN BURKE
Music Preparation ROSS DEROCHE
JONATHAN DEROCHE
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 BRYON BILLY
PHILIP BILLY LISA JOHNSON-BILLY
ALISHA WILLIAMS SETH FAIRCHILD

HEART OF A LION (ILLUSORY ALCHEMIST REMIX)

Performed by Dubkiller and Mark Victor
Courtesy of Riptide Music Group

SCHUBERT SERENADE D889 FOR SOLO PIANO

Written by Franz Schubert, arranged by Eric Artz
Performed by Eric Artz
Courtesy of BMG Production Music, Inc.

BURNING

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

THAT EMPTY FEELING

Written by Ronald E. Dove
Performed by Ronnie Dove
Courtesy of MasterRecs

SING TO ME

Written and Performed by Kallie Jean
Courtesy of Cicadelic Records
By arrangement with Mutiny Recordings

DOWN TO THE RIVER TO PRAY FROM "O BROTHER, WHERE ART THOU"

Traditional
Performed by Alison Krauss
Courtesy of Lost Highway Records
Under license from Universal Music Enterprises

BREAD & CHEESE (FT. BLACK BEAR)

Written by Dan General, Ian Campeau, and Ehren Thomas
Performed by The Halluci Nation
Courtesy of Radicalized Records
By arrangement with The Greater Goods Co.

Soundtrack album available on



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SOHONET

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PANAVISION

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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

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Managed Services provided by
CHRISTIE

Produced with the support of incentives for the Irish Film Industry
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