



# INDIANA JONES

and the  
DIAL OF DESTINY

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PARENTS STRONGLY CAUTIONED	SEQUENCES OF VIOLENCE AND ACTION, LANGUAGE AND SMOKING
<b>PG-13</b>	
Some Material May Be Inappropriate for Children Under 13	



Mounted Cop.....	JOE GALLINA	KATY BULLOCK	ANDREW BURFORD
Filthy Guitar Guys.....	NICHOLAS BENDALL	JON CALLAWAY	MAURO CALO
	THULANI STORM	BORIS MARTINEZ CASAL	CARLOS CASTILLO
Archimedes Servants.....	EDOARDO STRANO	MATT CAWLEY	YUSUF CHAUDHRI
	ANGELO SPAGNOLETTI	JONATHAN COHEN	MIKE COLLIN
Moroccan Policemen.....	HICHAM OUARAQA	DAVID COLLOM	TOM COTTON
	ADIL LOUCHGUI	CHRIS COX	JAKE COX
TV Reporter.....	DAVID MILLS	MARTIN CRAVEN	NICHOLAS DAINES
Hippie Girl.....	RHYANNA ALEXANDER-DAVIS	ANDRIUS DAVIDENAS	TIM DAVIES
Armed Intelligence Officer.....	GARY FANNIN	WILL DEVILLE	BEN DIMMOCK
Pilot - Heinkel 111.....	GUNNAR CAUTHERY	HUNG DANTE DONG	DOM DUMERESQ
Navigator - Heinkel 111.....	ARON VON ANDRIAN	JOSH DYER	JAMIE EDGELL
SS Kommando.....	NIKOLA TRIFUNOVIC	PAUL EDMONTON	RACHAEL EVEYLN
Louis - Drunk Airline Pilot.....	HENRY GARRETT	BRADLEY FARMER	JONATHAN FEE
Drunk Airline Stewardess.....	ELENA SAUREL	ADAM FRANCIS	SOFIAN FRANCIS
1944 Indiana Jones Double.....	MIKE MASSA	MIGUEL VILLALBA GARCIA	DAVID GARRICK
1944 Indiana Jones Double.....	ANTHONY INGRUBER	ÁLVARO GÓMEZ	MARTIN GORDON
Rich Kid.....	CHRISTIAN SACHA MEHJA-STOKES	CLAYTON GROVER	RICHARD HALL
Hippie Student.....	ANGUS YELLOWLEES	GEORGE HARRIS	TOM HATT
SS Guard/Comms Officer.....	MATTHEW STAITE	ELLIOT HAWKES	ROBERT HLADIK
Luigi - Italian Engineer.....	CORRADO INVERNIZZI	ROB HUNT	EROL ISMAIL
Gestapo Officer.....	JOERG STADLER	MARTIN IVANOV	JACK JAGODKA
Staff Car Officer.....	THORSTON MANDERLAY	JONNY JAMES	MATHEW KAYE
Sentries.....	BASIL EIDENBENZ	ROBBIE KEANE	BOGDAN KUMŠACKIJ
	JOHANN HESKE	RICHARD LEGGETT	TEA MARKOVA
Overalls.....	JOSHUA BROADSTONE	JACOB MARTIN	KAI MARTIN
Screaming Cabbie.....	BRUCE LESTER JOHNSON	FREDDIE MASON	MIKE MASSA
Drunk - Appliance Store.....	MARTIN SHERMAN	KIM MCGARRITY	ADRIAN MCGAW
L'Atlantique Maître D.....	ALLON SYLVAIN	THEO MORTON	ELLIOT MURRAY
Con Ed Van Driver.....	WILLIAM MEREDITH	CHRIS NEWTON	FERNANDO MARTIN-MAESTRO ORTEGA
Basil's Housekeeper.....	KATE DOHERTY	MATT PAINE	RYAN PALMER
Barricade Cop.....	DURAN FULTON BROWN	IGNACIO HERRAEZ PEREIRA	SARA LEAL PEREZ
Screaming Beauty Queen.....	ELIZA MAE KYFFIN	ANSKO PITKÄNEN	OLEG PODOBIN
Dutch Prince - Bidder.....	ANTHONY INGRUBER	JAKE POGSON	JORIAN PONOMAREFF
Maximus.....	MAURO CARDINALI	TILLY POWELL	MATT PROVOST
Pontimus.....	MARK KILLEEN	GABRIELE RAGUSA	JOTA RAMOS
Miss Jaffrey.....	BHARATI DOSHI	ANDREJ RIABOKON	SHANE ROBERTS
Henchman.....	AÏSSAM BOUALI	DOUG ROBSON	LUIS CROS RUIZ
Gunther.....	DOUGLAS ROBSON	LOUIS SAMMS	MARTA MACHUCA SASTRE
Hotel Security.....	MOHAMMED R. KAMEL	HASIT SAVANI	HAYLEY SAYWELL
Confused Student.....	BRYONY MILLER	DAVID HERNANDEZ SILVA	ANTHONY SKRIMSHIRE
Bubblegum Student.....	TIWA LADE	MARK SLAUGHTER	JON SLAYER
Sketching Student.....	BRODIE HUSBAND	ALFIE SMITH	VENICE SMITH
Student.....	HANNAH ONSLOW	MIKE SNOW	JAMIE STANLEY
Supervising Stunt Coordinator.....	BEN COOKE	ANNA STEPHENSON	GEORGE SURRY
Stunt Coordinator/Stunt Double for Mr. Ford.....	MIKE MASSA	LAURA SWIFT	KAZU PATRICK TANG
Assistant Stunt Coordinator.....	MARLOW WARRINGTON-MATTEI	KAREN TEOH	EDWARD UPCOTT
		ELMO WALKER	CALVIN WARRINGTON-HEASMAN
		MARLOW WARRINGTON-MATTEI	NATHAN WHATTON
		CHRISTOPHER WHITE	STEVEN WHITLEY
		MAXINE WHITTAKER	ALISTAIR WHITTON
		ELDREDD WOLF	ANNABEL WOOD
		JAKE YOUNG	

Stunt Performers

DAN ADAMS	JOEL ADRIAN
ALEJANDRO BERTERO ALVAREZ	RAMON ALVAREZ
RAMON MARTÍ APARICIO	JAMES APPS
MARK ARCHER	MIGUEL ARREGUI
MEHRZAD ASGI-KERMANI	DANIEL AWDE
LUCIANO BACHETA	HELEN BAILEY
RUSSELL BALOGH	CHARLIE BARRETT
ADAM BASIL	RACHELLE BEINART
MATTHEW BELL	EVONNEE BENTLEY-HOLDER
ANNA BENTON	DAVID BIRKBECK
JAMEL BLISSAT	EMMA BRITTON

Head Stunt Rigger.....JASON BROWN

Stunt Riggers

GAVIN COVENTRY	ROMAN LAUMPAA
SIMON MAHONEY	ULRICH RICHTER
LUCKY MCQUEEDE	CHRIS NEWTON
CHARLIE RAMSAY	

Stunt Department Coordinator . . . . . JOANNE FOX  
 Visualization Supervisor . . . . . CLINT G. REAGAN  
 Storyboard Artist . . . . . GABRIEL HARDMAN  
 Chief Lighting Technician . . . . . DAVID SINFIELD  
 Makeup, Hair & Prosthetics Designer . . . . . FRANCES HANNON  
 Special Effects Supervisor . . . . . ALISTAIR WILLIAMS  
 Unit Production Manager - Foreign Locations . . . . . MATT JONES  
 Production Manager . . . . . SIMON MILLS  
 Production Supervisor . . . . . KELLY LEE  
 Set Decorator . . . . . ANNA PINNOCK  
 Property Master . . . . . BEN WILKINSON  
 Construction Manager . . . . . DAN CRANDON  
 Key Grip . . . . . DAVID APPELBY  
 Supervising Location Manager . . . . . DUNCAN BROADFOOT  
 Second Unit Unit Production Manager . . . . . SAMANTHA ARNOLD  
 Second Unit First Assistant Director . . . . . FRAZER FENNELL-BALL  
 Additional Director of Photography . . . . . CORY GERYAK  
 Transport Manager . . . . . SIMON JONES  
 Producer - Morocco Unit . . . . . ZAKARIA ALAOUI  
 Line Producer - Sicily Unit . . . . . MARCO VALERIO PUGINI  
 Additional Editor . . . . . JOHN BERRI  
 Additional Re-Recording Mixers . . . . . GARY RYDSTROM  
 LUKE SCHWARZWELLER  
 WARREN HENDRIKS  
 Sound Designers . . . . . KYRSTEN MATE  
 JOSH GOLD  
 WARREN HENDRIKS

#### ART

Concept Artists . . . . . KIM FREDERIKSEN  
 DOMINIC LAVERY  
 TOM WINGROVE  
 KATREN WOOD  
 Senior Art Directors . . . . . OLIVER VAN DER VIJVER  
 PETER DORME

#### Art Directors

TIM DUTTON ISONA RIGAU  
 OLIVER GOODIER CHARLOTTE MALYNN  
 QUINN ROBINSON KATE GRIMBLE  
 Standby Art Director . . . . . HUW ARTHUR  
 Senior Draughtsperson . . . . . DORRIE YOUNG

#### Assistant Art Directors

TERI FAIRHURST OLIVIA MUGGLETON  
 GARETH SPREY CHRIS VINCENT  
 HANNAH WIESSLER LEAS KATY SCHURR  
 ROSIE HARDWICK  
 Draughtspeople . . . . . JASMIN BACKSHALL  
 EMILY CANNON  
 MAX PHILLIPS

Art Department Coordinator . . . . . VICKY RALPH  
 Junior Draughtspeople . . . . . HELENA ANTHONY  
 KYLE STEPHEN-LETT

Art Department Trainees - BFI . . . . . ANGUS BENTHAM  
 LUCY CHARLESWORTH

Art Department Assistants . . . . . WILL CAMM  
 JULIAN LEONEL

Universal Digital Asset Manager/Atris Support . . . . . KYLE WETTON  
 Digital Asset Coordinator . . . . . NAHIYAN MUHAYMEEN  
 Digital Asset Manager . . . . . GENEVIEVE FERRIER

#### SET DECORATION

Senior Assistant Set Decorators . . . . . PRUE HOWARD  
 SOPHIE NEWMAN  
 Set Decorator - Morocco . . . . . TANYA BOWD  
 Set Dresser . . . . . JULIE GRAYSMARK  
 Senior Production Buyer . . . . . MICHAEL KING  
 Assistant Set Decorators . . . . . RAFFAELLA CUVIELLO  
 JO GRAYSMARK  
 Production Buyers . . . . . DANIEL PITT  
 LAURA TWEED  
 Lead Graphic Designer . . . . . LAURA DISHINGTON  
 Assistant Buyer . . . . . EMMA FORD  
 Graphic Designers . . . . . NATASHA JONES  
 LAURA CORNUÉJOLS  
 Petty Cash Buyers . . . . . RUTHIE FALCONER  
 IMOGEN LLOYD  
 ANTHONY NOBLE  
 OLIVER TARLING  
 Junior Assistant Set Decorator . . . . . JESSICA MEREDITH  
 Graphics Assistant . . . . . KATIE SHARPE  
 Set Dec Coordinator/Assistant Buyer . . . . . ALEX ASPDEN  
 Drapesmaster . . . . . CLETUS NETHERSOLE  
 Supervising Drapesman . . . . . ALEX LEWRY  
 Painters - Set Dec . . . . . CARL LANGLEY  
 PETER LE PARD  
 Drapesmen . . . . . STEVE CASHIN  
 DANIEL O'BRIEN  
 JACKIE RAY  
 AMANDA WARD  
 Set Dec Trainee - BFI . . . . . HAZEL SINGZON

#### EDITORIAL

Post Production Supervisor . . . . . MATTHEW WELLS  
 VFX Editors . . . . . JOHN BERRI  
 MATT BLOUIN  
 First Assistant Editors . . . . . SANDY GRUBB  
 DANIEL M. NUSSBAUM  
 Second Assistant Editors . . . . . MORGAN KERN  
 DANA MADDOX  
 Assistant Editor . . . . . CHRISTOPHER RUCINSKI  
 First Assistant Editor (UK) . . . . . TOM DAVIS  
 Second Assistant Editor (UK) . . . . . BEN RENTON  
 Dialogue Editor . . . . . POLLY MCKINNON  
 Assistant Supervising Sound Editor . . . . . SKIP LONGFELLOW  
 Editorial Production Assistant . . . . . CHRISTINA RENCIS  
 Mix Stage Production Assistant . . . . . BEPPY GIETEMA  
 Post Production Coordinator . . . . . A. R. BJÖRKLUND  
 Editorial Production Assistant (UK) . . . . . CHANELLE HENRY-EDWARDS  
 Stock Footage Researcher . . . . . JODI TRIPI  
 Dailies Consultant . . . . . WIL FLUCKEY  
 20th Century Studios - Avid Technicians . . . . . SEAN YARBROUGH  
 ERIC LARSEN  
 ABRAXAS HICKS  
 Sound Engineers . . . . . DR. ERIN MICHAEL RETTIG  
 GEORGE HART  
 20th Century Studios -  
 Executive of Prod. Tech . . . . . MATTHEW SCHULER  
 20th Century Studios -  
 Sr. Image & Color Engineer . . . . . JOSHUA BERKOWITZ

20th Century Studios -  
Sr. Systems Engineer ..... DARIN DECUIR

#### VISUAL EFFECTS

VFX Additional Supervisors..... JASON VAN HAVERBEKE  
NEIL IMPEY  
VFX Lead Data Wranglers..... DAN PEARSON  
STEVEN BARHAM  
VFX Data Wranglers..... LORENZO ANTICO  
TOM HOYLE  
VFX Data Wranglers - Morocco..... JOHN HACKNEY  
BRADLEY B. MCGEE  
BFI VFX Production Assistants ..... TEHREEM FAISAL  
TOSIN OGUNLEYE  
VFX Lead Coordinators..... EREN RAMADAN  
DON GLOETZNER  
VFX Coordinator..... ASHLEY WILD  
VFX Assistant Coordinators..... MAIA GOEL  
JORDY SIEGEL  
VFX Production Assistants..... KAAAN SALIH  
ELIJAH ZAVALA  
In House Compositing Supervisor ..... FRANCESCO PANZIERI  
In House Flame Artist/Designer..... MARK P. RENTON  
In House Lead Compositor ..... CAITLIN V. CONTENT  
In House Compositors..... BRIAN HANABLE  
BEN CAMPANARO  
TONY D'AGOSTINO  
PHILIP SISK  
CHRIS INGERSOLL

#### COSTUME

Costume Supervisor ..... CHARLOTTE FINLAY  
Associate Costume Designer ..... DAVID CROSSMAN  
Assistant Costume Designer..... VIVIENNE JONES  
Assistant Costume Designer - Military..... STELLA ATKINSON  
Chief Costume Buyer..... JANE GOODAY  
Senior Costume Buyer..... CAROLINE BRETT  
Head Costume Cutters .....TIMOTHY PERKINS  
Costume Buyer - Military ..... CARA RANDELL  
JENNIFER ALFORD  
ALICE NESSLING-JESSUP  
Costume Buyer ..... CRESSIDA CONNOLLY  
Costume Coordinator ..... ZOÉ LE MOULLEC  
  
Phoebe Waller-Bridge Morocco Costume  
Designed with Upcycled Fabrics by ..... STELLA MCCARTNEY

#### Costume Makers

HELEN BRAHAM  
MARIA ENDARA  
ELOISE GEFFREYS  
DECLAN JACKSON  
INKA POLAKOVICOVA  
REBECCA SELLORS  
Co-Head Textile Artists ..... LAURA RENOUF  
JESSICA SCOTT-REED  
Senior Textile Artists .....SACHA CHANDISINGH  
CHARLOTTE IVENS  
STEPHANIE SZUMLAKOWSKI

Textile Artists ..... FRAN JEGARAJASEGARAM  
AISLING SMYTH  
HENRIETTA THOMAS  
Senior Dyers..... ALICE FITZGERALD  
LOUISA SORRENTINO  
Head Costume Props Modeller ..... IAN JONES  
Assistant Prop Modeller .....KIM PICKERING  
Military Crowd Supervisor..... NEIL MURPHY  
Military Wardrobe Master .....WILLIAM STEGGLE  
Asst. Costume Designers - Crowd.....MARTIN CHITTY  
TRACEY MILLAR  
Crowd Supervisor - Glasgow.....SHEENA WICHARY  
Crowd Designers - Glasgow .....GRAHAM HUNTER  
FINLAY MCLAY  
Crowd Mistress ..... STACEY RICHARDS-POWELL  
Crowd Master..... GARY HYAMS  
  
Principal Costumers..... LAURA BAILEY  
EMMA HEATH  
SALLY JAMES  
MARCO DE MAGALHAES  
JAMES SHUTTLEWORTH

#### Crowd Costume Fitters

HARRIET KENDALL  
CHARLIE SALMON  
JILL AVERY  
YANNICK GONDRAN  
Costume Illustrator..... RICHARD MERRITT  
Junior Principal Costumer .....HANNAH TUCKER WILSON  
Junior Crowd Costumer .....LEON MCGHIE  
Junior Costume Maker ..... SARAH MILLS  
Costume Office Trainee.....CHARLES PIGEONNIER  
Costume Trainee ..... XANTHE JAFFE  
Costume Trainees - BFI ..... ABBIE HILLS  
NERIAH MOONEEGAN  
CLEO WEBSTER  
Head of Crowd Alterations ..... JENNY POWELL  
Crowd Alterations..... LIZZIE DOUGLAS  
Asset Coordinator..... ROSIE SMITH OLIVER  
Costume Gangsman .....TOM APPLETON  
Junior Costume Buyer..... IZZY ROOK  
Junior Costume Coordinator .....ALEX BAKER  
Junior Design Assistants.....EMILY CHUNG  
LANA POWELL  
Junior Textile Assistant .....SINEAD COCKER

#### HAIR & MAKEUP

Hair & Makeup Supervisor..... KAREN COHEN  
Hair Stylist to Mr. Ford..... KAREN ASANO-MYERS  
Key Hair, Makeup & Prosthetic Artist .....CHARLIE ROGERS  
Hair & Makeup Junior ..... CATHERINE GROVE  
Hair & Makeup  
Crowd Supervisor - Glasgow..... MARILYN MCDONALD  
Hair & Makeup  
Crowd Supervisors - Morocco ..... BELINDA PARRISH  
HELEN BARRETT  
Hair & Makeup Coordinator .....CLAIRE CAMERON  
Makeup Artist to Mr. Ford ..... BILL CORSO

Hair, Makeup & Prosthetic Artists ..... SARAH NUTH  
 ZOEY STONES  
 LORRAINE HILL  
 Hair & Makeup Trainees ..... BECKY SHERIDAN  
 SARAH BLAIR  
 Hair & Makeup Crowd Supervisor - Sicily ..... EMMA ROMANS  
 Hair & Makeup Supervisor ..... ANGIE MUDGE  
 Daily Hair, Makeup & Prosthetic Artists  
 SALLY CROUCH ..... GEMMA CALDER  
 ADRIAN RIGBY ..... SOPHIE ASHWORTH  
 KIRI MELLALIEU ..... LESLEY NOBLE  
 SARAH GRISPO ..... DOREY CILIA  
 PAMELA FOSTER ..... LESLEY ALTRINGHAM  
 VICTORIA PIPE ..... KARI WOOD

PRODUCTION

Production Coordinator ..... KIRSTY BARHAM  
 Key Assistant Production Coordinator ..... HELEN OSBORNE  
 Assistant Production Coordinator ..... BOO SALTER  
 Travel & Accommodation Coordinator ... RACHEL JANE THOMAS  
 Accommodation Consultant ..... JANIE NUGENT  
 Production Assistants - BFI ..... GEORGIE PALMER MILTON  
 NNEKA OTIGBAH  
 Production Coordinator -  
 Foreign Locations ..... STEFANIA MONETTI  
 Key Production Secretary ..... SOPHIE VAN VOORST  
 Production Secretaries ..... GEMMA YIANNI  
 CHARLOTTE FRAMPTON  
 HAMISH CARMICHAEL  
 Shipping Coordinator ..... MAXWELL BOULTON  
 Physical Asset Coordinator ..... LENNARD SILLEVIS  
 First Assistant Director ..... MATTHEW PENRY-DAVEY  
 C Camera - First Assistant Directors ..... TOM TURNER  
 NICK LAURENCE  
 Floor Second Assistant Director ..... EMILY THOMAS  
 Floor Third Assistant Director ..... DAVID SOWERBY  
 Stunts & Picture Vehicle  
 Third Assistant Director ..... CHARLES OBARO  
 Key Set PA ..... FINTAN O'BRIEN  
 Coordinator to James Mangold ..... RAPHAEL GONZALEZ  
 Assistant to James Mangold - UK ..... BERTIE TUCKER HOUGH  
 Office of Kathleen Kennedy ..... ATHENA SAMMY  
 Assistant to Simon Emanuel ..... JASMIN MORADIAN  
 Production Datasat Engineers ..... DAN WILLIAMS  
 LIAM SMITH  
 Key Crowd Second Assistant Directors ..... DAISY BALDRY  
 MICHAEL MIDDLETON DOWNER  
 Base Third Assistant Director ..... LUCIA SERPINI  
 Assistant Director Trainees - BFI ..... KELLY DRAPER  
 LEON PEART  
 Base/Cast PA ..... FRANK MACPHERSON  
 Set Production Assistants ..... AHMED AMARE  
 ELISABETH RICHARDSON  
 TINA VIDMAR  
 Producers' Assistants ..... TULSI BEHL  
 DANIELLE BAINS  
 Second Assistant Director ..... JOANN (JOJO) CONNOLLY  
 Assistant to Phoebe Waller-Bridge ..... MICHAEL KEOHANE

CAMERA

A Camera Operator/Steadicam ..... JULIAN MORSON  
 B Camera Operator/Steadicam ..... STAMOS TRIANTAFYLLOS  
 Additional B Camera Operator/Steadicam ..... MATT POYNTER  
 A Camera Second Assistant Camera ..... JACK SANDS  
 Central Loader ..... MAHALIA JOHN  
 FLUX Focus Puller ..... DAN WEST  
 Assistant to DOP ..... KATERINA SARANTI  
 A Camera First Assistant Camera ..... OLLY TELLETT  
 B Camera First Assistant Camera ..... LEIGH GOLD  
 C Camera First Assistant Camera ..... DAVE PEARCE  
 B Camera Second Assistant Camera ..... FILIPPO MASO  
 C Camera Second Assistant Camera ..... MAGGIE STANASZEK  
 Camera Trainees ..... IONA GREAVES  
 APOLO WILSON

DIT

DIT ..... BEN APPLETON  
 Data Manager ..... LILY ARCHBUTT  
 DIT Trainees - BFI ..... CALVIN CAWOOD  
 PHOEBE RUSSELL  
 DIT Assistants ..... MARK DEMPSEY  
 KATE DRAZEK

SCRIPT

Additional Script Supervisors ..... NICOLETTA MANI  
 EMMA THOMAS  
 Script Coordinator ..... EMMA SAWYER  
 Script Trainee - BFI ..... ANGELICA GAYLE  
 German Language Consultant ..... THOMAS KRETSCHMANN  
 Assistant Script Supervisor/  
 C Camera Script Supervisor ..... KAYA MOORE  
 Dialect Coach ..... JILL MCCULLOUGH  
 Ancient Greek & Latin  
 Consultant/Researcher ..... MATTHEW STOCKHAUSEN  
 Researcher ..... EMILY LUTYENS  
 Additional Language Translators ..... MARCUS PUNGETTI  
 ANOUAR SMAINE  
 DAVID CHEN  
 CHRISTOS VASILOPOULOS

ACCOUNTING

Production Accountant ..... SARAH TROWSE  
 Production Accountant (US) ..... JOE BECKWITH  
 Key First Assistant Accountant ..... RACHEL WELCH  
 First Assistant Accountant ..... CHARLES LARCOMBE-FROUDE  
 Location Accountant - Morocco ..... MARK BEAUMONT  
 Second Unit Accountant ..... SEAN BROWNE  
 Supervising Payroll Accountant ..... CIARAN (CIZ) MORAN  
 Key Payroll Accountant ..... LOUISE GREEN  
 Assistant Payroll Accountants ..... KRIS MENTOR  
 FRANCESCA PETRIE  
 FIONA TURNER  
 DANIELLE POINEN  
 Insurance Accountants ..... BECKY MAXWELL  
 SAMANTHA BEDDOE  
 Junior Payroll Accountant ..... LUCY HOEY

Assistant Accountants

LOUISA BRAMMER  
 NATHAN FRANCIS  
 JOSHUA HARD  
 BETH MCCONNELL  
 TOM BOARDMAN  
 Accounts Assistant ..... HARRY OWEN  
 Accounts Trainees - BFI ..... RORY TASKER  
 CHARLOTTE QUASHIE-MCDONALD  
 Accounts Trainee ..... LUKE MCMILLAN

CASTING & CAST SUPPORT

Casting Associate (UK) ..... MARTIN WARE  
 Casting Assistant (UK) ..... MELODY GERARD  
 Assistant to Mr. Ford ..... LEV WATACH  
 Security to Mr. Ford ..... JOHN O'BRIEN  
 Cast Sports Therapist ..... RUTH MOSS  
 Cast Physiotherapists ..... FREDDIE MURRAY  
 CHRIS BULL  
 Cast Osteopath ..... TOM LOWES  
 Moroccan Casting ..... SALAH BENCHEGRA  
 Child Casting Consultant ..... MATHILDE SNODGRASS  
 Tutors to Mr. Isidore ..... MARGARET COX  
 YOLANDA SANGAREAU  
 Tutor to Mr. Isidore Double ..... PETE SUTTON  
 Cast Trainers ..... SIMON WATERSON  
 RICHARD PETERSON  
 Cast Physiotherapist - Clinical ..... JOE BADHAM

Stand Ins

RUPERT SHELBOURNE  
 GEORGE MONTAGUE  
 DEE GYASI  
 ROMAN KIEGERL  
 DOUGLAS UTTING  
 CAROLINE GREEN  
 RICHARD CURTIS  
 HADLEY KARIMLOO  
 CARL NORMAN  
 TONY WILD

SOUND

Key First Assistants Sound ..... ORIN BEATON  
 EMMA CHILTON  
 First Assistants Sound ..... CHRISTOPHER ATKINSON  
 LIBERO COLIMBERTI  
 Action Unit Sound Mixer ..... TOM WILLIAMS  
 Action Unit First Assistant Sound ..... GWENDOLEN SENA  
 Action Unit Sound Trainee ..... ALEXANDER LANGNER  
 Sound Utility ..... KEITH MORRISON  
 Sound Trainee - BFI ..... CHARLOTTE TOOLE  
 Additional Sound Recordist ..... MITCH LOW  
 Additional First Assistant Sound ..... JAMES GIBB  
 Additional Sound Utility ..... NICHOLAS AGER

VIDEO ASSIST

Video Playback Operator ..... ZOË WHITTAKER  
 Video Trainee ..... PHOEBE CULLUM  
 Network Tech ..... ALEX MCCORMACK  
 Video Operator Assistant ..... SEAN IP FUNG CHUN  
 Additional Video Assistant ..... CHRIS ATKINSON

LOCATIONS

Location Managers

LEX DONOVAN  
 ASHA SHARMA  
 CHRIS CAMERON  
 Locations Department  
 Coordinator ..... CATERINA BOSELLI VESPIGNANI  
 Studio Unit Manager ..... MITCHELL GREEN  
 Location Managers - Morocco ..... NIALL O'SHEA  
 DANNY KHOUDARY  
 Assistant Studio Unit Manager ..... JOSHUA BRADLEY  
 Unit Managers ..... CHARLIE SIMPSON  
 TOBY BLYTHER  
 Studio Unit Coordinator ..... MATTHEW (TENNESSEE) GRAHAM  
 Asst. Location Managers ..... TIMOTHY NOAKES  
 SAMMY TOMSON  
 LUCIA FEDELI  
 EVIE HARKINS  
 Unit Manager - Morocco ..... ZUHAIR SOUDI  
 Unit Manager - Sicily ..... SAM BATHER  
 Location Assistants ..... TOM ELLIOTT  
 ZAK JARVIS  
 Location Scout - Morocco & New York ..... AARON HURVITZ  
 Locations Trainee - BFI ..... GIANLUCA GILES  
 Studio Assistants ..... ANTONY (GIGGLES) GIGLI  
 EMILEE SHAW  
 Environmental Marshall ..... JAZZ RASHID  
 Unit Electrician ..... JACK HUGHES  
 Studio Marshalls ..... LLOYD STANNARD  
 MICAH HINCHLIFFE  
 ETIR VOGT  
 Studio Trainee - BFI ..... AINE DONNELLY

INDUSTRIAL LIGHT & MAGIC

Additional ILM Visual Effects Supervisor ..... JOHN KNOLL  
 Associate Visual Effects Supervisors ..... PAOLO ACRI  
 WILL REICHEL  
 Visual Effects Associate Producer ..... ALICE KAHN  
 Visual Effects CG Supervisors ..... KARIN COOPER  
 GORAN KOCOV  
 NICK PITT-OWEN  
 Compositing Supervisors ..... MICHAEL JAMES ALLEN  
 SHERRY HITCH  
 ANTON YRI

Asset & Environment Supervisors

JEAN BOLTE  
 PAUL GIACOPPO  
 JUNG-SEUNG HONG  
 MICHAL KRIUKOW  
 DAVID MENY  
 MASA NARITA  
 LI-HSIEN WEI  
 ELVIN SIEW XIANGYOU  
 KEVIN GEORGE  
 RYAN GILLIS  
 TIM JONES  
 JOHANES KURNIA  
 PATRICK T. MYERS  
 NORBERTO IDIART RITTER SUNNY  
 DAN WHEATON



Digital Artist Supervisors

JHON ALVARADO  
 CHRIS BENDING  
 DAMIAN DOENNIG  
 AARON GREY  
 ERIC LEVEN  
 NAREN NAIDOO  
 AMY SHEPARD  
 PETER TAN  
 NICK VAN DIEM  
 FLORIAN WITZEL  
 Visual Effects Art Directors . . . . . AMY CHRISTENSON SMITH  
 ALEX JAEGER  
 STEPHEN TAPPIN  
 Visual Effects Producer . . . . . JOSIANE FRADETTE  
 Visual Effects Editor . . . . . SAM WILLING

Lead Digital Artists

TSAO MIN ADRIAN  
 ASIER APARICIO  
 KIRSTIN BRADFIELD  
 CHRISTOPHER DOERHOFF  
 DAVID JAMES HENDERSON  
 FELDER KWEK WEI SIANG  
 JEBB NG  
 CHRIS UNG  
 KIAN ANG  
 MORAGOT BODHARAMIK  
 NICHOLAS CROSS  
 ALEX HALSTEAD  
 LINDSAY M. HOPPE  
 YATEEN MAHAMBREY  
 DANNY POPOVIC  
 ADOM YIP

Digital Artists

FIRDAUS AB LATIF  
 JUAN VALENZUELA ALCARAZ  
 TOM ALLEN  
 MARTIN ALVAREZ GARCIA  
 ARILD ANFINNSEN  
 NADIA ASCIONE  
 MURAT AYASLI  
 LIJO KURIAPPILLY BABY  
 DEVENDRA BALLAL  
 DIPTI BEHERA  
 GREGORY BELLIS  
 JAUME BERCH REIG  
 TAN BI  
 JADE BLIESCHKE  
 DYLAN LEIF BRINSBURY-MAGEE  
 ALESSANDRO CAPONETTI  
 EZEQUIEL CESANA  
 FADRY DREW CHANDRA  
 SUMIT CHATTERJEE  
 GEORGIE CHEN  
 YEN TING CHEN  
 EUGENE MATTHEW CHEONG  
 UMESH CHIRMURE  
 JULIAN CHONG  
 DIEGO COLLELL  
 GRANT CORDWELL  
 MICHAEL DEBEER  
 JOSH DOCHERTY  
 LISA DURAND  
 MARK ELSASS  
 GREG FAIREY  
 DAN FEINSTEIN  
 ANDY FINLAYSON  
 JACK FRENCH  
 ABDUL RAHMAN ABDUL RAHIM  
 ANTONY ALLEN  
 RAMI ABDEL QADER ALRAMAHI  
 ROSS ANDERSON  
 SIAU YENE ANG  
 NICOLE ASHFORD  
 MOHD FAHMI B MOHD RAZAK  
 MARCUS BAIN  
 MARC BEAUJEAU-WEPPENAAR  
 CLEMENCE BELLIER  
 KHOO SHU CHOON BENEDICT  
 PRASHANTH BHAGAVAN  
 ADAM BLANK  
 JORDAN BOOTH  
 ROMAIN BUIGNET  
 JULIAN CERVANTES  
 KARHOE CHAN  
 MATHIEU CHARDONNET  
 SOHAN CHAUDHARI  
 JANE CHEN  
 EUNICE CHEN YIAN LU  
 RICKY CHEUNG  
 PRIYANKA CHITNIS  
 SHEREE CHUANG  
 EMANUELE COMOTTI  
 DAVID COSTELLO  
 SHRIPAD DESHMUKH  
 AMY DUARTE  
 KHALED ELMELIGY  
 DEVIN FAIRBAIRN  
 CONNY FAUSER  
 JAKE FERRIS  
 CARL FORSELL  
 JAMES GACZKOWSKI

NACHO GARCIA  
 JASON GARDNER  
 ANGELA GIANNONI  
 STEPHANIE GOLDBERG  
 RAKESH SHRINIVAS GOWDA  
 BENJAMIN WOO GU  
 CHRISTIAN HALEY  
 LUCY HARCUS  
 COLLIN HEE  
 LOK SANG HO  
 ANNALIESA HORNE  
 SACHIN ILAMKAR  
 JAFIN JACOB  
 TIM JARICK  
 SEUNG RYONG JEON  
 LEE JIA MIN  
 GERMAINE PHOO HUI JUN  
 RAHUL KADATHARA RAJU  
 ADRIANNA KER  
 JINYOUNG KIM  
 CHEANG KIT  
 WOSING KOH  
 MATEUSZ KRZASTEK  
 YEOW KUANG LAI  
 NATHAN LANE  
 EDISON LAU  
 ENRICO LEASA  
 ALANA LENNIE  
 KEITH LEUNG  
 BEE BEE LIM  
 DESMOND LIN  
 WILLIAM LIN JIAHUI  
 MINJUN LOGAN KIM  
 JESSICA LOW  
 BRIAN LUZZI  
 KEITH MAK  
 ALISHA JOY MAKWANA  
 ROBERT MARINIC  
 GUY MASONWELLS  
 DARYL MC MAHON  
 JAROD MCLAREN  
 DAVID LENNOX MEIKLE  
 MEHERZAD MINBATTIWALA  
 NATHAN MITCHELL  
 DHARA MODHWADIA  
 SARAH MONAGHAN  
 TOM MORRISON  
 MELISSA MULLIN  
 IKUE NAGANO  
 YUHON NG  
 PHUNG NHAT HUY  
 BEN NICOLOFF  
 MONIQUE O'HALLORAN  
 MINWOO PARK  
 ANDREW PINSON  
 PARIS PREMDAS  
 EDWARD QUAH  
 ABDUL HAFIZ RAMLI  
 ALESSIO ROSIO  
 AZHAR SALIM

ANDY GARCIA, III  
 GOURAV GHOSH  
 ERIN GOLDBERG  
 CHELSEA GOODCHILD  
 BRANKO GRUJCIC  
 MING K.S. HADDOCK  
 SHANIQUE HALLGREN  
 NICHOLAS HARDING  
 BARBRA SEE WAI HO  
 YEU WING HONG  
 JESSICA HSIEH  
 JACEK IRZYKOWSKI  
 SWAPNIL JADHAV  
 EVAN JENKINS  
 LAM JIA JUN  
 RYAN L. JONES  
 SAMUEL CHEW JUNYAN  
 TIMOTHY KELLY  
 PRAJAKTA KHATAL  
 HARRY JAMES KIRBY  
 JEAN LE KOH  
 GABRIEL TAN CHYE KOON  
 OSEONG KWON  
 TEGAN LAING  
 ADAM LAU  
 ASIER HERNAEZ LAVINA  
 LENNY LEE  
 ARTHUR LEUNG  
 JOHN-HENRY LIENARD  
 LOO KIM LIM  
 TANG LAI LIN  
 BAK LIPING  
 ANDREW LOVE  
 LO WAI LUN  
 THOMAS LINUS MAHER  
 SURAJ MAKHIJA  
 MARK MARCIN  
 MARCEL MARTINEZ  
 MARIAN MAVROVIC  
 DEIRDRE MCCARTHY  
 ARIYAWAT MEECHOU  
 ADRIAN MILLINGTON  
 CHELSEA KHOO HUI MING  
 PRITAM MODAK  
 SRIJITH MOHANAKRISHNAN  
 ALLISON MOON  
 JIUN YIING MOW  
 NICK MULREAN  
 PRACHI  
 LUAN NGUYEN  
 MATTHEW TOBIT NICHOLS  
 BEN O'BRIEN  
 GURPREET PANNU  
 REBEKAH PILBROW  
 DOMINIK PLATEN  
 LYNN TAN QIANLING  
 KHALID ALI QURESHI  
 MATT ROE  
 ARINDAM ROY  
 POONNAWAT SANTIYOTHIN

SASHA SAZANOVICH	RAMYANTH KUMAR SEEPANA	Visual Effects Production Assistants	
RENE SEGURA	ANDRES SEMPRONII	ELISABETH BLANK	AGNES CHAN
ELHAM SENIN	GINA PHOO HUI SHAN	NGAH KE YU, EILEEN	JADE FALZON
MOHAMED IRFAN SYARIAL B SHARIF	VINEET SHARMA	JAMES GUY	LAQUISHA MONIQUE
HUANG SHICONG	MICHAEL SIEGEL	JOE NIHAL KAROTUA SHANKAR	STACEY SUSS
EDWARD LIM SIN YONG	TAY CHIN SIONG	Visual Effects Executive Producers . . . . .	LAURENCE BERKANI
VINCENT SNG	JASON SOCHIN		JILL BROOKS
KARTHIHEYAN SOMU	PAUL SULTAN		KACY MCDONALD
JONATHON SUMNER	MICHAEL KING SUTANTO	Visual Effects Production Accounting . . . . .	CHOW YEW KAY
CHRIS SUTHERLAND	NICK SWARTZ		TEO CHAY TENG REBECCA
ALEX SZETO	BINOD TALUKDAR		CAMILLE TORION
ELOHIM TAMPUS	KEN TAN	Software & Technology	
LUCAS TAN	YANNICK TAN	JEANNINE ABIVA	MARK ADAMS
ALEX TANG	DEBBIE TAY MEI TANN	LAURA ALDRIDGE	SCOTT A. ALLEN
SEOW TAI TEE	GAIUS TEOH	LISA ARON	DAN BAILEY
JORDI COLLET TEXIDO	DANIEL THOMSON	STEVE BESSELMAN	MOHAMED NOOR BIN RASHID
REKHA THORAT	VARSHITHA THOTA	STEPHEN BOWLINE	ZACK BUNKER
LESLY TIMMER	THIAGO TIRAPELLE	TOMMY BURNETTE	MEGGIE CAPRI
GIULIA TIRELLI	NUTCHA TIWTRAKUL	MICHAEL CHAN	DYLAN COATES
WOO YING TONG	LEVI TRAPPEL	PAUL DEBAUN	MICHAEL DICOMO
SARAH TROP	LAZE TUTKOVSKI	PHILIP ECCLES	KYLE FAWCETT-SHELL
LEWIS V TAYLOR	RAM VERMA	DADO FEIGENBLATT	ADAM FERRALL-NUNGE
SÖREN VOLZ	CHUQIAO WANG	DAVID GALEANO	CHEE JUN GHAI
PAIGE WARNER	DAVID WASHBURN	SIRAK GHEBREMUSSE	CHRIS GILMER
JIUN WEE	PUAH JUN WEI	JOSE GOMEZ DIAZ	STEPHANE GRABLI
GREGORY WEINER	PHAN WIANTRAKOON	ALEX GRANT	STEFAN HABEL
NEHA WICKRAMASEKARAN	BENJAMIN GEORGE WILSON	ERIC HABER	RICKY HERRERA
GRACE WILSON	DAVID WORTLEY	PAUL HOGBIN	SAM HOLLOWAY
GILLES WOUTERS	BENJAMIN WRIGHT	PETER HRICAK	DARYLL JACOBSON
RICK YANG	ONN SEN YE	EDWARD JONES	RICHARD JONES
JACK YEUNG	MAX MAK TSZ YEUNG	FERIT TANKUT KALAYCIOGLU	ANISHA KAUL
NICHOLAS YOON JOO KUANG	LIN YUANJING	ZACH KENEMER	ELVIN KORKUTI
KANG YUNG HO	HOSSEIN ZOLFAGHARI	FREDERICK LEMASTER	PETER LORD
Assistant Visual Effects Editors . . . . .	KATHY FREEMAN	DAVID MARTE	NICK MCCOMBER
	COLIN LIM SHEN-MIN	MARTY MIRAMONTEZ	BILLY MITCHELL
	ERIK PAMPEL	STEVEN MUNIZ	JEFFREY NAGASUGA
	DANIEL RICHARDSON	JACEK NARUNIEC	MATTHEW O'NEIL
Visual Effects Production Managers . . . . .	ASHLEY DOSS	HARRISON PARKER	MAYUR PATEL
	LINLI LIM	CARY PHILLIPS	RATINDER PREET
	KAROLINA O'BRIEN	NICK PROULX	MEGAN REITAN
	EWA OTWINOWSKA	JOHN RELOSA	BARNABY ROBSON
Visual Effects Associate Production Managers . . . . .	CELINE LAM	DANE ROCKINGHAM	ROBERT SANTOS
	KATIE MITCHELL	MATTHIAS SCHARFENBERG	JEROEN (J) SCHULTE
	SHELDON NEILL	RANDY SEVERSON	KIRK SHIMANO
Visual Effects Production Coordinators		TED SLOMINSKI	MARIEL SONG
SAM BUSH	CHRIS DORAN	TIM STRAUBINGER	JILL THOMAS
KYLEE FITTIPALDI	ENG SZE JIA	CHERYL JEAN (CJ) TOLLOLA	JAMES TOMLINSON
CHRISSEY KAVANAGH-COLE	TANG KUAN HUI	SELIM TUVI	MARVIN VASQUEZ
KAYLA LANE	NICOLE LIM SHEN-YI	RENEE YANG	JEFFERY YOST
JAMIE LOUISE LIPSHAM	MOLLY MCLAREN	GASPARD ZOSS	
JACQUELYN MONTELLATO	CHANEL OH FANG QI	Studio Operations Support	
MICKEY PUGLISI	RUCHIKA RAWAT	MELISSA ABAD	JOREN ANDERSON
JEAN KATHERINE SALVADOR	SAPPHIRE SHEEDY	GEMMA-LEA BARBELER	TRACEY BAXTER
WONG SHI TENG	SARAH SIMPSON	LORI BECK	AMANDA BURNS
SHARANPREET SINGH	ISABELLA STEVENSON	NATHAN CAMP	CHELSEA CASTRO
DANIEL TAN	LIVIA TENG	CASSIDY CHAN	JESSICA CHAN
RACHEL HO PUI YI		SHEREEN CHATTUN	FRANCESCA CHRISTOPHER
		PAUL CHURCHILL	LOGAN CRIST
		JASMIN DANIC	SAMANTHA DARK
		DANIELLE DE LA TORRE	MELISSA DE SANTIS

ROBBIE DERRY	JESSICA DIGBY	Additional Visual Effects by	
MICHELLE EISENREICH	JENNY ELY	SDFX STUDIOS	
CINDY ENSIGN	RITA FLORES		
KENT KEVIN GANNABAN	DIEGO GARCIA	MARK SIMONE	ADNAN SIDDIQUE
JESSICA GILLAN	LAUREN GLOVER	ARJUN PAWAR	SAYALI PAWAR
ALEXANDER GUSTAVESON	JUDITH GUZMAN RAMIREZ	POOJA BADEKAR	SAIKAT GHOSAL
ALLISTER HAIRE	LYNDAL HEATHWOOD	TARUN JOSHI	VIVEK SONI
JULIA JAMES	MARY ROSE JANG	SKYE MORANDIN	MARA SPENCE
KYLE JOHNSON	ELIZABETH LEE SHU JUN		
PEI SAN KANG	SIMRAN KHALSA	Visual Effects by	
IAN KINTZLE	DEIRDRE KRUPA	RISING SUN PICTURES	
JEAN LI	ALBERTO LOPEZ		
MARGARET LYNCH	JOE LYONS	Visual Effects Supervisor .....	JULIAN HUTCHENS
GARY MARTINEZ	WENDY MASHBURN VIZARD	CG Supervisor.....	MATHEW MACKERETH
KRISTY MCINTYRE	JESSICA L. MCNAMARA	Associate Visual Effects Producer .....	BRENT ST. MARY
YVES METRAUX	IAN MILHAM	Visual Effects Editor .....	CRAIG FIELD
AMY MOORCROFT	MICHAEL MUELLER	Senior Visual Effects Producer .....	IAN COPE
CHERYL MURATA	RACHEL NARTIA	Compositing Supervisors.....	TONY COLE
FABIOLA NODAL	MARGIT NOROM		CHRISTOPHER JANSSEN
DANIELLE O'HARE	ERI OHKUBO	Senior Production Manager .....	MARK STORY
KIMBERLY PARIS	SOPHIE PEAKE	Visual Effects Production Coordinators.....	ELOISE GROVER
DEANNA SEITZ	MARIO SOTELO-HERRERA		GEORGIE BROWN
MORGAN STILWELL	KIMBERLY TEO		HEMA SAJNANI
BERTHA DAHLIA TJAHYADI	ANGELA SUK-MAN TO		MIKAELA PONTECORVO
MARK TUDO	ELIZABETH TUFFIN		STEPHANIE LOWRY
KIRA VAUGHN	JESSICA VERRAN-LINGARD	Lead Digital Artists	
LAUREN WALKER	PATRICIA WALLACE	ALPHY ANTO	ARUN RAJ KUMAR M
JAYNE WESTACOTT	PAMELA YAMZON	MATT CRUMP	NATHAN ZEPPEL
ANDREA ZAVALA		RICHARD ALEC COLLIS	SHAWN MCCARTEN
		WAYNE HOWE	
	ILM Executive Staff		
DAN AMIN	FRANCOIS CHARDAVOINE	Digital Artists	
ROB COLEMAN	KHUYEN DANG	ADAM PETTIGROVE	ADARSH LANGTHASA
GREG GRUSBY	LUKE HETHERINGTON	AKSHAY SACHDEVA	ALBERT COEN
SPENCER KENT	JEANIE KING	AMY THO NGUYEN	ANDREW BURLES
SUE LYSTER	BEN MORRIS	ANDY PEEL	ASHLEY MASON
LUKE O'BYRNE	NIGEL SUMNER	ASHLEY MEARS	BARBARA VALENTE
JESSICA TEACH	JEFF WHITE	BATAILLE ZI-JIAN FOO-BRADY	BENJAMIN COOKE
AMBER WONG		BHARGAVA A J	BRADLEIGH MCKAY
		BRADLEY PEACOCK	BRIDGET DINNING
		CAMERON BROWN	CHARLES KIM
		CHRIS CLOUGH	CONNOR SULLIVAN
		CRAIG BAXTER	DALLY GARCIA ARREAZA
		DANIEL CARLIN	DANIEL GOODWIN
		DANIEL NEES	DANIEL VELIKOV
		DAVID GURREA HERNANDEZ	DAVID OZOLS
		DOMINIC STEPHENSON	DYLAN SHAW
		EDWARD FOKKEMA	EMMA SULLIVAN
		ESWARAN MATHIYAZAKAN	GABRIEL MANDALA
		GANESH KUMAR SELVARAJAN	GEORGE MANOLACHE
		GIOVANNI MANILI	GOURAV KUMAR
		GUIDO WOLTER	HOWIE LAUNDY-BEST
		JACK FAULDS	JACK WEST
		JAMES DEAN	JAMES KHOU
		JAYMES RUFFIN	JOEL AGUILAR
		JOEL MICHAEL	JONATHAN WENBERG
		JOSH ELLEM	JOSHUA RUGGIERO
		JULIEN ROMEO	JUSTIN GREENWOOD
		KATE BERNAUER	KATIE MCCABE-SORTINI
		KAYLEE BODEN	KAYLEE FORNAIS HAPTAS
		KERRIE MOSS	KONSTANTIN KOVALENKO

In Memory of  
MICHAEL DEBEER

Additional Visual Effects by  
VIRTUOS

DUONG HUYNH CHAU	HUYNH HOANG NHUT
MAI XUAN THANH	NGUYEN QUOC VIET
NGUYEN THI NGOC MY	

Additional Visual Effects by  
YANNIX

NOINA WINSUTH	JAMES P. NOON
DANNY TURNER	JIK PUENGCHOMPOO
BIG SONGSANA	

KRIS CARSON	LALIT DESAI	Visual Effects by
LIAM GARE	JESSICA LIN	SOHO VFX
LUIS CANCIO VILLALONGA	LUKE VALE	
MADDISON GREEN	MANGESH KRISHNA GOSAVI	Visual Effects Supervisors..... BERJ BANNAYAN
MARK TOMCZYK	MARTIN KINDL	KEITH SELLERS
MASAHIRO YANAGIYA	MATTHEW COOMBE	CG Supervisor..... JORGE RAZON
MATTHEW SHAW	MAX KERR-HISLOP	Production Manager..... HAKYUNG CHANG
MIKE RING	MICHAELA DANBY	Visual Effects Producers..... KELLY MCCARTHY
NARENDER KOSHIYARI	NATHANIA NEMA	ALLAN MAGLED
NATWAR SINGH	NICHOLAS GLASSON	Compositing Supervisor..... DAN POWER
NIKHIL KAMBOJ	NIMISHA SETHI	
OLIVIA MITCHELL	ORLANDO CAMIÑA DOMINGUEZ	Lead Digital Artists
OWEN WILLIAMS	PAULA OLSZOWSKA	JAMES ALBIEZ
PETER KUMIC	PRANEETH PATAKAM	MATTHEW D'ORAZIO
PREETAM SAHA	RANJITH BUDDOLLA	INGYUN HWANG
RENEE MARSLAND	RENGANATH K	DANIEL LU
RINKI RAI	ROBERT BEVERIDGE	DOMINIC PILEGGI
ROHINI PARADKAR	ROSELYN TAY	RUBEN I. SALAZAR
RYAN WOODCOCK	SASKIA ELLIOTT	NATALIE THORSLEY
SHIVANGI SHRIVASTAVA	SIJU MURUGAN	Digital Artists
SOGO IWAI	STEFANIA CANCEMI	NAO ADACHI
STEVE MCGEE	SUJEEN NEPALI	CHRISTOPHER CABRAL
TAIGA ISHIBASHI	THOMAS BAXTER	DAVID CLAIR
TOM MALCOLM	THOMAS STEINER	SIDDHANT DHANDA
VITTORIO DI TORO	YOGESH P. BADHE	JOSE DIMATERA
ZHIYONG LIU		CIRIACO JULIAN GARCIA
		ELEONORE GRACE
		DONG GUO
		CAMERON HEALD-BROWN
		LUKAS HEUVEL
		JOSHUA KIYOSHI HUESTIS
		KEN JUSTO
		JINHYUN KANG
		MINYOUNG KIM
		HAO-TING LIAO
		QUANYUN LIN
		DANGEE LO
		TARA MASON
		NOAH MCLAUGHLIN
		HARSHAL M. MISTRY
		BENJAMIN PABLO
		RISHABH PATEL
		JACOB PETRAKOS
		ARTEM RUDZISH
		RUSHABH SHAH
		HYEWON SHIN
		DANIEL ST-AMANT
		PETE THORNE
		AHAD TUNIO
		PAUL WOJDYLO
		Production & Technical Support
		YASMEEN TAYARA
		LINDSEY MARTIN
		TIKU ROEMELLO FISHER
		M. TODD SMITH
		WILL CRANE
		WAYNE HOANG
		DANIELLA HRABACHKO
		PETER MACDONALD
		COLE PHILLIPS
		CHRISTOPHER BOZZETTO
		WARREN DOUGLAS
		GRAHAM KARTNA
		VAMBERTO MADURO
		VASISHT RAMACHANDRAN
		MIKE TERRIGNO
		SUNNY WONG
		BAKAR
		DANIEL HUNYOUNG CHOI
		ROSELI AMORIM CRUZ AZEVEDO
		KENNETH DIETRICH
		SOPHIA FESEL
		ANSHAJ GOYAL
		GURSAHAJ SINGH GREWAL
		PRASHI GUPTA
		A RYANG HEO
		TURENNE HUANG
		AMELIA IM
		VARUN KAMMANNI
		MANUEL KINAMBUTA
		WEI LI
		LUIS LIMA
		DEBO LIPEDE
		CHRIS MACKNEY
		ANDREW MAYNARD
		ARUN MIDHA
		JASON NUGENT
		DAKSH MUKESHKUMAR PANDYA
		SCOTT PATTON
		JANINE RAZON
		MICHAEL SANTIAGO
		LINYI SHI
		JON SHIN
		PHILIP SY
		JOSEPH TRIOLO
		MICHAEL WILSON
		RONG ZHOU
		YIYI ISABELLE ZHANG
		JANEANE ARANAS
		JACQUELINE MANIVONG
		MAXIME BOURASSA
		INES ESPINOLA
		YVONNE JENSEN
		BECKY KRISTOFFERSEN
		JESSICA MARDYLA
		DANIELLE SUKMAN

JUSTIN STEWART  
JIALIN ZHANG

ANDREW WONG  
LEON ZHU

Visual Effects by  
THE YARD VFX

Visual Effects by  
IMPORTANT LOOKING PIRATES

Visual Effects Supervisor .....NICOLAS HERNANDEZ  
VFX Production Manager.....BRADLEY JORDAN  
Visual Effects Executive Producer ..... MÅNS BJÖRKLUND  
Visual Effects Producer .....EMMA CUMMINS  
VFX Production Coordinators.....REBECCA FORSMARK  
ANDREA HED

Supervisors & Leads

MARTIN ENEROTH JOHAN GABRIELSSON  
CORBIN MAYNE VIKTOR ANDERSSON  
TIMO VON WITTKEN NORA HÄNSENBERGER  
STEFAN ANDERSSON ADRIAN TSANG  
NICOLAS GUIRAUD GUSTAV ALEXANDERSSON  
MATTEO DI LENA CRAWFORD REILLY  
SVEN SCHÖNMANN NIKLAS NYQVIST  
MATTIAS SANDELIUS PER BERGSTÉN  
ELIAS ATTO BILJANA TEMELKOVA  
TOM BALOGH

Digital Artists

ANDREAS FRICKINGER ANDREAS KRIEG  
ANTON STATTIN BASILISA CÁNOVAS RUBIO  
BENJAMIN PHILIPPOVICH BIRGIT RANDBY KRISTENSEN  
CHRISTOPH HETTICH CHRISTOPHER KARLBERG  
DANIEL RODRIGUES DAS NEVES DANIEL SCHINDLER  
DAVID ALLAN ELEONOR LINDVALL  
ELIN LAVÉN EMMA HILDESTRAND  
FREDRIK JALKER GUILLAUME DUPARCHY  
GUSTAV AHRÉN HAKON LOBERG  
HAMPUS ERIKSSON HECTOR FERNANDEZ  
HEIKE KLÜGER JANNES KREYENBERG  
JASON MARTIN JED FISHER  
JOSE ZEA NOMBELA JOSH PARKS  
JURIAN WEERKAMP KARIN ENGSTRÖM  
KIM LINDQVIST KONSTANTINOS PANAGIOTOPOULOS  
KRISTIAN STRÖM LENA BELMONTE  
LÉO COHEN LOKA VEGBORN  
MARCUS RUHMKE MARGOT DE SMET  
MATTEO GRASSI MAXIMILIAN GSELL  
MELINA TANCHEVA CVETANOSKA NICKLAS ANDERSSON  
NICOLAS HELUANI NIKLAS WALLÉN  
NIKLAS WÄNGGREN NIKO JUNGE  
NILS LEMONNIER OLIVER SPINDLER  
PATRICK TOPF PATRIK WEDINGER  
PETER MARIN PETTER GUSTAFSON  
PETUR ARNORSSON RIKARD HULTMAN  
RODIONS JEPEJEV SILKE FINGER  
SIMON DECOMBEL TERENCE FARLOT  
THURE KOCH VALTER SVENSTEDT  
WILL ELSDALE YOLAN GAILLARD

Visual Effects Supervisors..... LAURENS EHRMANN  
JULIEN MARTINS  
Visual Effects Producers ..... VIRGINIE WINTREBERT  
DIEGO CORDIER-ROYER

Digital Artists

SANDRO BERTCHI TIPHAINE COURBO  
STEPHAN DUMOULIN VIANNEY DURIEUX  
ANTOINE GANDON PIERRE HERZIG  
VICTOR JARNOUX PIERRE JURY  
AURELIA LEBAIN RYOMA LENEUF  
LANCELOT MAESTRINI GABRIEL MARTINEZ  
HADRIEN PALANCA ROMAIN PERRIN  
MATTHIEU RICHET BRUNO SERRE  
MATHIEU TREVISAN

Production & Support

ALEXIS OBLET ARNAUD ORTMANN  
CONSTANT BOURGON FABIAN NOWAK  
GEORGES GLADYS GREGORY GINSBURGER  
HARRY BARDAK JULIEN HAUDEGOND  
LUCAS COULMANCE MADEN ROUBERT  
MARIE AFRIAT NOEMIE CAUVIN

Additional Visual Effects by  
MIDAS VFX

Visual Effects Supervisors..... MARC HUTCHINGS  
WILLIAM JONES  
Visual Effects Producer .....ANDREY POLEZHAYEV  
Digital Artists  
ANTONIA PALMER COURTNEY PRYCE  
DAVID ROSS EMILIANO ACUNA CARMONA  
GABRIELLA KASSINOU JONNA ISOTALUS  
JOSEP ANTONI RIBAS KOREN MORGAN  
LIONEL HEATH MARIYA ANDRIICHUK  
MATT CARTER MATT FOSTER  
OLE-ALEKSANDER NORDBY PAOLO D'ARCO  
Visual Effects Production Coordinators..... HANNAH STARKINS  
HELENA DU CROSS  
LILY-MAY LICORISH  
ANTONIA VLAD

Additional Visual Effects by  
CRAFTY APES

Visual Effects Supervisor ..... ALEX KNUDSEN  
Visual Effects Producer .....GEORGINA POUCHKINE  
Digital Artists  
YONGSOO JUNG YOUNG MIN KIM  
ISH CAMARILLO CHIP BADEN  
JANICE TSO NATE RODRIGUEZ  
KATIA LEVY KEVIN CROWE  
NICHOLAS DANIELS  
Production ..... JASON SANDFORD  
SARA LOGAN HOFSTEIN

Additional Visual Effects by  
ONYX

JOHN STEWART  
JOHN WECKWORTH  
JOY TIERNAN

CHAPEL FOLGER  
MARK ROBBEN  
MATTANIAH YIP

Additional Visual Effects by  
CAPITAL T

JAMIE HALLETT  
H HADEN HAMMOND

LINDSAY HALLETT  
JACKIE K. MURPHY

Cyber & LiDAR Scanning by  
CLEAR ANGLE STUDIOS LTD.

RICK HARRIS  
MARCO LEE  
DAN HAZELTINE  
ALEX KRON  
MAX HICKS

STUART GARDINER  
JOERG GEIDEL  
REETU AGGARWAL  
GEORGE MANTON  
ALEX STILLINGFLEET

Visualization Services by  
PROOF, INC.

Visualization Supervisors . . . . . CRAIG MCPHERSON  
JOHNATHON RANDALL CORMIER  
MICHAEL SOLORZANO  
STUART ALLAN  
ERIC BENEDICT

Visualization Producer . . . . . PATRICE AVERY  
Lead Visualization Artists . . . . . AARON ARENDT  
JEREMIAH FORKKIO  
BAO ER HO (FIONA)  
JAIME E. RIVEROS

Technical Supervisor . . . . . ANNA LEE  
Visualization Production Manager . . . . . ALEXANDRIA JOHNSON  
Visualization Production Coordinator . . . . . TAYLOR AREVALO

Visualization Artists

MIKKO EUSTAQUIO  
JIAMIN (KINO) WU  
JOEY FILIPIAK  
MOSES HOOD  
ZIYANG PAN  
KAUSHAL MAGODIA  
DAVID DRURY ALLEN  
LAWSON JIANG  
PHILIP BALLARD  
MICHAEL GRAWERT  
JORDAN NOUNNAN  
Lead Asset Artists . . . . . BENNY VARGAS  
STEFANO ABAD

Postvis Trackers . . . . . JEFF W. SMITH  
KEVIN BOLIVAR

Asset Artists . . . . . CARL VAZQUEZ  
JASON TAYLOR  
LUIS ZULETA

Postvis Compositors

DARYL W. KLEIN  
MEGAN OMI  
LINDA HENRY  
ARJUN CHADHA

SEBASTIAN BROWN  
ZACHARY GOODSON  
NATHAN KOGA

Medusa Performance Capture by . . . . INDUSTRIAL LIGHT & MAGIC  
DISNEYRESEARCH|STUDIOS

S. M. DANGLER  
LAURA MILLAR  
TOM SZENHER

POST SOUND

Post Production Sound Services by  
SKYWALKER SOUND  
A LUCASFILM LTD. COMPANY  
MARIN COUNTY, CALIFORNIA

Sound Effects Editors. . . . . ERIC A. NORRIS  
LEE GILMORE  
SAMSON NESLUND  
DAVID CHRASTKA  
RICH DANHAKL

Assistant Supervising Sound Editor . . . ANTHONY DE FRANCESCO  
Foley Artists . . . . . JANA VANCE  
RONNI BROWN

Foley Mixer . . . . . RICHARD DUARTE  
Engineering Services. . . . . DONNIE LITTLE  
Post Production Sound Accountant. . . . . JESSICA ENGEL  
Senior Studio Capacity Manager. . . . . CARRIE PERRY  
Head of Engineering . . . . . STEVE MORRIS  
Foley Supervisor . . . . . BRIAN CHUMNEY  
Foley Editors. . . . . CHRIS MANNING  
GREG PETERSON

Assistant Re-Recording Mixers. . . . . DANIELLE ADAMS  
TERAH (BISHOP) WOODLEY II

Digital Editorial Support. . . . . DAVID PEIFER  
Client Services . . . . . TRAYNOR KATZER  
Head of Production Finance & Planning. . . . . MIKE PETERS  
Head of Production . . . . . JON NULL

General Manager . . . . . JOSH LOWDEN  
Post Sound Services Provided by . . . . JOHN FORD MIXING STAGE  
CENTURY CITY, CA

Recordist . . . . . TIM GOMILLION  
ADR Mixer . . . . . DAVID BETANCOURT  
ADR Engineer. . . . . DAVE TOURKOW  
Sound Operations Coordinator. . . . . ANA HERNÁNDEZ  
Re-Recording Engineer. . . . . BILL STEIN  
ADR Recordist . . . . . CHRISTINE SIROIS  
VP, Post Sound Operations . . . . . STACEY ROBINSON

Post Sound Services Provided by  
GOLDCREST POST PRODUCTION

Head of Operations ..... SIMON RAY  
ADR Mixers ..... MARK APPLEBY  
SIMON DIGGINS  
MIKE TEHRANI  
Audio Producers ..... LIZZIE CAMPBELL-KELLY  
LILIAN CROCK  
ADR Assistants ..... ALEX STYLIANOU  
SEAN MILLER

Additional Post Sound Services Provided by  
PALMA MUSIC STUDIOS (MALLORCA)  
DUBBING BROTHERS (PARIS)  
TOMI GRAN ENTERTAINMENT (SHREVEPORT)  
SOUND ART 23 (ROME)  
DALLAS AUDIO POST (CARROLLTON)  
TONEWORK PRODUCTIONS (HILVERSUM)  
BIGMOUTH ELBA (GLASGOW)  
BAM STUDIOS (CHICAGO)  
THE AUDIO CAFE (WREXHAM)  
PARABOLIC (NEW YORK)  
MOBY DICK (MALAGA)

ADR Voice Casting ..... R.A.W. VOICE CASTING  
ASHLEY LAMBERT  
RANJANI BROW  
ARIANNA TRAMES

Additional Voices

PETER ARPESELLA  
MONIA AYACHI  
ANDREAS BECKETT  
A.R. BJÖRKLUND  
RANJANI BROW  
EMILY DEBINIE  
CHASE FEIN  
MARK IVANIR  
KURT LEITNER  
TERRY MARATOS  
JAYLEN MOORE  
CHRISTIAN OLIVER  
CHRISTOPHER PALLE  
ARIANNA QUINCY  
CLAY SAVAGE  
KEVIN SINIC  
SHANE SWEET  
KIRK THORNTON  
TOMM VOSS  
SCOTT WHYTE  
KAI WULFF

SITARA ATTAIE  
ANTHONY BATARSE  
DAVID BERÓN  
JIM BOEVEN  
HÉLÈNE CARDONA  
FRANCESCA FANTI  
BRIDGET HOFFMAN  
ASHLEY LAMBERT  
MATT LINDQUIST  
TERENCE MATHEWS  
DINA MORRONE  
JOEY NABER  
DEVIKA PARIKH  
GIUSEPPE RUSSO  
HANS SCHOEBER  
ANOUAR SMAINE  
JAQUITA TA'LE  
CHRISTOS VASILOPOULOS  
FILIP WATERMANN  
MATT WOLF  
RUTH ZALDUONDO

**MUSIC**

Music Orchestrated and Conducted by ..... JOHN WILLIAMS  
WILLIAM ROSS  
Music Contractors ..... TIMOTHY LOO  
SANDY DE CRESCENT  
Music Librarian ..... MARK GRAHAM

Music Preparation ..... JOANN KANE MUSIC SERVICE  
Scoring Coordinator for William Ross ..... MARY WEBSTER  
Assistants to William Ross ..... ZACHARIAH ROSE  
ANNA KENNEDY  
Score Recorded & Mixed by ..... SHAWN MURPHY  
Additional Engineer ..... FRED VOGLER  
Scoring Editors ..... ROBERT WOLFF  
DAVID CHANNING  
Mixing Assistant ..... ERIK SWANSON  
Concertmaster ..... ROGER WILKIE

Music Recorded at  
STREISAND SCORING STAGE, SONY PICTURES

JULIANNE MCCORMACK  
DAMON TEDESCO  
RYAN NELSON  
GREG DENNEN  
KEITH UKRISNA  
BRIAN VAN LEER

Music Mixed at ..... BARBARA MCLEAN MIXING STAGE  
& ROBERT WISE MIXING STAGE, CENTURY CITY, CA

Musicians

NICO ABONDOLO  
EUN-MEE AHN  
TED ATKATZ  
CHARLIE BISHARAT  
JOHANNA BORENSTEIN  
JACOB BRAUN  
ROBERT BROPHY  
ROBERTO CANI  
STUART CLARK  
GIOVANNA CLAYTON  
MEREDITH CRAWFORD  
VICTOR DE ALMEIDA  
DREW DEMBOWSKI  
GEORGE DOERING  
BRUCE DUKOV  
PETER ERSKINE  
KATELYN FARAUDO  
ALMA FERNANDEZ  
DON FOSTER  
MATTHEW FUNES  
LORENZ GAMMA  
GREGORY GOODALL  
JESSICA GUIDERI  
TREVOR HANDY  
THOMAS HARTE  
CHRISTIAN HEBEL  
STEVEN HOLTMAN  
MATTHEW HOWARD  
BENJAMIN JACOBSON  
JULIE JUNG  
MICHAEL KAUFMAN  
BRIAN KILGORE  
KEVIN KUMAR  
ANA LANDAUER  
SONGA LEE  
PHILLIP LEVY  
JASON LIPPMAN  
LORAND LOKUSZTA  
MARK ADAMS  
ALLISON ALLPORT  
STEVEN BECKNELL  
WILLIAM BOOTH  
JACQUELINE BRAND  
LAURA BRENES  
CAROLINE BUCKMAN  
GLORIA CHENG  
HEATHER CLARK  
ROSE CORRIGAN  
WADE CULBREATH  
ZACH DELLINGER  
MARCIA DICKSTEIN  
STEVE DRESS  
STEVE ERDODY  
NINA EVTUHOV  
JUDITH FARMER  
ALLEN FOGLE  
VANESSA FREEBAIRN-SMITH  
JUAN GALLEGOS JR.  
ROSS GASWORTH  
MARVIN GORDY III  
NEEL HAMMOND  
DYLAN HART  
TAMARA HATWAN  
DANIEL HIGGINS  
LUANNE HOMZY  
ALEX ILES  
MAIA JASPER-WHITE  
DENNIS KARMAZYN  
PHILLIP KEEN  
CHRISTIAN KOLLGAARD  
MARISA KUNEY  
BENJAMIN LASH  
NATALIE LEGGETT  
JON LEWIS  
DANE LITTLE  
SHAWN MANN

JOANNE PEARCE MARTIN  
WILLIAM MAY  
EDWARD MEARES  
JONATHAN MOERSCHEL  
HELEN NIGHTENGALE  
JENNIFER OLSON-STACK  
ALYSSA PARK  
ANTHONY PARNTHER  
BARRY PERKINS  
RADU PIEPTEA  
ADRIANNE POPE  
THOMAS RANIER  
TEAG REAVES  
LELIE RESNICK  
MARK ROBERTSON  
GERALDINE ROTELLA  
ROBERT SCHAER  
ERIC SHETZEN  
BEN SMOLEN  
JONATHAN STEHNEY  
SCOTT SUTHERLAND  
NIALL TARO FERGUSON  
ROBERT THIES  
DOUGLAS TORNQUIST  
JOANN TUROVSKY  
MICHAEL VALERIO  
SHALINI VIJAYAN  
DIANA WADE  
BING WANG  
DON WILLIAMS

**ELECTRICAL**

Best Boy ..... DAVE BRENNAN  
Floor Best Boy ..... IAN SINFIELD  
HOD Electrical Rigger ..... MICHAEL HEATH  
Electrical Rigging Supervisor ..... GEORGE BIGGERESTAFF  
HOD Practical Electrician ..... GARY THORNHILL  
Chargehand Electrical Riggers..... ANTON MARTIN  
RICHARD HAYDEN

Standby Electrical Rigger ..... STEVE READ  
Rigging Gaffer ..... TOM O'SULLIVAN  
Supervising Rigging Electrician..... FRED BROWN  
Chargehand Rigging Electricians ..... BOBBY BROWN  
DAN O'DONNELL

HOD Lighting Programmer..... ADAM BAKER  
Supervising Practical Electrician ..... BILLY THORNHILL  
Chargehand Practical Electrician..... RYAN THORNHILL  
Rigging Lighting Programmers..... MATT HICKIN  
RYAN NIXON  
JANE GODBOLD

**Floor Electricians**

ANDY PURDY  
CHARLIE BELL  
JOE CHAPMAN  
TRACY-JOE KARAM  
STUART HURLEY

LUKE MAURER  
KENNETH MCGRATH  
EDUARDO MENESES  
DAMIAN MONTANO  
GRACE OH  
GEOFF OSIKA  
SARA PARKINS  
JESSICA PEARLMAN  
STEPHEN PFEIFER  
CAROL POOL  
LINNEA POWELL  
JOSHUA RANZ  
WILLIAM REICHENBACH  
RAFAEL RISHIK  
DANIEL ROSENBOOM  
ERIK RYNEARSON  
JAMES SELF  
STEFAN SMITH  
TEREZA STANISLAV  
TED SUGATA  
LISA SUTTON  
GAVIN TEMPLETON  
SARAH THORNBLADE  
CECILIA TSAN  
CHARLES TYLER  
INA VELI  
IRINA VOLOSHINA  
DAVID WALTHER  
LARA WICKES  
SARAH WILLIS

NICK REID  
STEVE FUSCO  
JACK ROSIER  
HARRY COLEMAN  
KEN MONGER  
OLIVER WHISKIN  
JACK MAKEPEACE  
DEREK MAYLE  
MARK FARROW  
ANTON OSBORNE  
MICHAEL GARDNER  
TONY O'DONNELL  
KENNY RICHARDS  
SONNY RODGERS  
JOHN HANKS

**Rigging Electricians**

DAN MARTIN  
LAURENTIU MARIA  
SEAN TIMLIN

**Practical Electricians**

CLIFF JONES  
LEWIS HAYWARD  
SIMON SMITH  
LUKE FIELD

**Electrical Riggers**

SAM PATIENCE  
PAUL BARKER  
CHARLIE GRAVES  
RYAN FALLON  
TOM BUTLER  
LLOYD PELLING

**GRIPS**

Best Boy Grip ..... JIM CROWTHER  
Grip Trainees..... JACOB CRIDLIN  
JOSH HARRISON  
Libra Head Tech..... JOSH MILNE  
Crane Tech..... KURT KEMBLE  
Standby Carpenter..... GARRY MOORE  
Standby Painter..... KEITH CONNOLLY  
Standby Green & Blue Screens..... BEN HENSHALL  
Green & Blue Screens Stagehand ..... DAVE ROBERTS  
A Camera Dolly Grip..... JACK FLEMMING  
B Camera Dolly Grip..... CRAIG SHIELS  
C Camera Dolly Grip..... GARY ROMAINE  
Rigging Grip ..... BENJAMIN GOODE  
Standby Rigger ..... BRENDAN FITZGERALD  
Standby Stagehands ..... GERARD O'CONNOR  
WESTLEIGH BUSHELL  
Grip Trainee - BFI..... RAJAB MAHMOOD

**PROPS**

Assistant Prop Master ..... MATT COOKE  
Props Supervisors..... PETER BIGG  
PETER WATSON  
Action Prop Supervisor..... SONNY MERCHANT  
Supervising Standby Props ..... JASON TORBETT  
Standby Props ..... ROBBIN CHIU  
Supervising Armourers..... JOSS SKOTTOWE  
STEVE WILKERSON  
Technical Armourer ..... DAVE EVANS  
Prop Store Supervisor ..... TOM GARDNER  
Action Prop Buyer..... JONATHAN DOWNING  
Chargehand Prophands ..... JOHN BOOTH  
PAUL BURGESS  
STACEY WATTS  
JAKE WELLS  
TONY PRICE  
Workshop Supervisor ..... CHRISTIAN SHORT  
Workshop Chargehands..... JACK FERGUSON  
TERRY WHITEHOUSE  
Workshop Prop Modeller..... LUKE DANIELS  
Workshop Prophand ..... ANDY ROLFE



Prop Painters .....	DEAN HAWLEY STUART HALL	Action Vehicles Coordinator .....	ALEX BARRETT
		Supervising Fabricator .....	JON HOAR
		Action Vehicle Assistant Coordinators .....	BETH SMITH MATT BISHTON
	Dressing Props	Action Vehicles Buyer .....	RICKY CAMERON
MICHAEL FLEMING	ROSS WILLIAMSON	Action Vehicles CAD Engineer .....	JON ALLISON
LAUREN CONLON	GARY IXER		
DANNY IRVINE	PAUL COLBURN		Senior Action Vehicles Technicians
MANU VILESCA VAYA	STUART DANIELS	NICK BASS	ROB CAMPBELL
RYAN DYER	DAVID FORSYTH	JASON HILL	TOM KERSLAKE
RUPERT HANCOCK	KEVIN HERBERT	ROB STONER	MIKE SHUTTLEWORTH
LUCIEN SANDS	MARK TIMSON	WITOLD WAWROWSKI	
JAK LAWSON-WELLS	HARLEY WILKINSON		Action Vehicles Lead Technicians
SIMON WILKINSON	LAIRD GALLOWAY	NICK D'SOUZA	MARC HOLLENS
RICHARD PRESTON		MARK LEE	CHRIS PACKMAN
			Senior Action Vehicles Fabricators
Props Petty Cash Buyer .....	NATALIE MARQUIS	MARCUS BENNETT	ANTHONY BUSH
Props Concept Artist .....	PAUL GERRARD	STEVE CHILDS	LUKE DEON
Props Coordinator .....	MEGAN ARMITT	MATT RICHARDSON	ANTHONY SPARROW
Junior Dressing Props .....	AUSTIN TIMSON JAKE CHANCELLOR SEBASTIAN DIMITROFF	Action Vehicles Storeman/Technician .....	WAYNE PARKHOUSE
		Action Vehicles Graphics/Ageing .....	PHILIP REID
Archive Storeman .....	JAMES COOKE	Action Vehicles Senior Painter .....	MATT HAYWOOD
Location Storeman .....	DANIEL PYE	Action Vehicles Trainee .....	OLLIE FORTY
Junior Floorman .....	NATHAN HARP	Second Unit - Morocco Assistant	
Stores Trainees .....	JESSICA PEARSON NATALIE ANDERSON SASKIA LANE	Stunt Vehicle Supervisor .....	GRAHAM KELLY
			Action Vehicles Technicians - Morocco
Senior Prop Modellers .....	CLEMENCY BUNN NICHOLA GIRARD STEVE HAGON ROB HAYWARD	DAVE ATKINSON	DAVE CLARK
		DUNCAN JARVIS	ROBERT JONES
		SIMON LORENZO	RALPH WILCOX
		JAMES WILSON	
			<b>SPECIAL EFFECTS</b>
Senior 3D Prop Modeller .....	STEPHEN DRING	SFX Lead Workshop Supervisor .....	JASON MARSH
HOD Prop Modeller .....	CRAIG NARRAMORE	SFX Floor Supervisor .....	NICK JOSCELYNE
Assistant HOD Prop Modellers .....	ANDREW AINSCOW CLINT WHELAN	SFX Prep Supervisor .....	GEORGE BUCKLETON
Prop Making Buyer .....	VICKY RHODES		
Prop Making Coordinators .....	SAM CONNOR SUZY FINK	SFX Buyer .....	KATIE GABRIEL
		SFX Assistant Workshop Supervisors .....	PETER BRITTEN JULIAN BUTTERFIELD
Senior 3D Prop Modeller .....	STEPHEN DRING	SFX Health, Safety & Training Manager .....	KEVIN MCGILL
3D Prop Modeller .....	KATIE HYATT	SFX Assistant Prep Supervisor .....	JAKE DIMMER
	Prop Modellers	SFX Coordinators .....	FIONA COUSINS JANNIE HOEKMAN
SEAN BIRKBY	SIMON FLINTOFF	SFX Co-Design Leads .....	ALEXANDER FABRE SIMON RAFFERTY
TOM HADDON	STEVE HAYWARD	SFX Breakaways Lead Senior Technician. . .	ROBIN SCHOONRAAD
JAMIE KNIGHT	LESLIE LOVELACE	SFX Breakaway Senior Technician .....	CHARLES TYCER
LORNA MOON	EMILY PARKER		
MARIA SLATER	CODRINA SPATARU	SFX Lead Senior Technicians .....	PAUL DUNN PETE HARAN CURTIS IGGULDEN DAVID POOLE
SEAN TOBIN-DOUGAN	AILISH UNDERWOOD		
Junior Prop Modellers .....	MARCUS DANTE AMELIA HALL		SFX Senior Technicians
Trainee Prop Modeller .....	EMILY SHOEMARK	SEAN CLARKE	PAUL DAVIN
Prop Modelling Trainees - BFI .....	PAUL BRISLEY ELKIE MCCRIMMON	NICK MARTIN	HUW MILLAR
		DARREN SHEARWOOD	MARCUS TAYLOR
		PAUL TAYLOR	JONATHON TIMLIN
		BARRY WHITE	
	PICTURE VEHICLES		
Action Vehicles Supervisor .....	ALEX KING		
Action Vehicles Floor Supervisor .....	SEAN HASKETT		
Action Vehicles Workshop Supervisor .....	GEOFF FORTY		
Action Vehicles Department Coordinator .....	LILLY BLAZEWICZ		
Action Vehicles CAD Engineer .....	MATTHEW SALE		

SFX Technicians

SAM BATCHELOR  
 NICK CHURCHILL  
 JOSH DOOLEY  
 ROBERT EVES  
 JAN KURMANOWSKI  
 DAVID PASZKOWSKI  
 CHRIS WELLS  
 CHARLIE WHITE  
 SFX Engineers ..... MARK BASSIL  
 KARL LIZAITIS  
 LEON VAN DER WALT  
 GREG PYMM  
 SFX Head Workshop Technician..... ROSS CRAWFORD  
 Modellers..... RONNIE DAVIS  
 EDDIE TYCER  
 BEN BUTCHER  
 SFX Driver/Assistant Technician..... DARREN ANDREE  
 SFX Office Assistants ..... KERI FOSTER  
 MEGAN WILLIAMS  
 SFX Trainee - BFI ..... ETHAN WILLIS  
 SFX Motion Control Technician ..... AARON CROWE  
 SFX Lead Senior Wireman ..... SCOTT STEPHENS  
 SFX Design Technician ..... CALUM SINCLAIR  
 SFX Design Assistant ..... AARON STREET  
 SFX Design Junior..... MICHAEL CALVERT

SFX Trainees

JACQUES CLEMSON  
 HAMISH FARRANT  
 LUKE HAMMOND  
 CAI RICHARDS  
 LOGAN SCHOONRAAD  
 SUSANNAH COLLINS  
 AILBHE FRAZER  
 TOM HARDWICK  
 KAI SCHOONRAAD

Fire Safety Vehicles & Technicians Provided by  
 CINIFIRE TECH LTD.

Fire Officers

PETE MAWHOOD  
 BILL LAMBRICH  
 JAMIE TIMMS  
 SIMON KNELLER  
 CHRIS CATON  
 JON FRANKLIN  
 STEVE BAILEY  
 SCOTT MAGDALANI  
 JOHN WINWOOD  
 ISAAC WILKINS  
 DAMIAN FINDLOW  
 NAT PURCELL

SECURITY

Executive, Lucasfilm Security ..... JOHN CALDWELL  
 Senior Manager, Lucasfilm Security ..... CRAIG ETHERTON  
 Manager, Lucasfilm Security ..... MATTHEW THORNE  
 Security Coordinator ..... CHRISTOPHER DAVIES  
 Security Access Administrators ..... ISABEL JOINER  
 KIERAN KAVANAGH  
 ATL Security Supervisor ..... GARY DYKE  
 Studio Hub Security ..... MALWINA PALUS

Technology Support

VLADIMIR BOGAK  
 ADRIAN DIACONU  
 GREG GARSON  
 CHRIS GILMER  
 JOHN HANNON  
 JAY KASHIWABARA  
 JEFF ODELL  
 CAITLIN TORSNEY  
 ZACK BUNKER  
 TIM FOGARTY  
 JASON GEIGER  
 ERIC HABER  
 DAVID HIGGINS  
 MATT MARTINIS  
 CHARLIE SMITH

HEALTH & SAFETY

Production Safety Head of Department ..... DREW COOK  
 Production Main Unit Safety Advisor ..... BOB HUDSON  
 Unit Nurse ..... FAYE CARNEY  
 Cast Testing Technician ..... KEVIN AKINTOMIDE  
 COVID Production Manager ..... MARK SOMNER  
 COVID Coordinator ..... TIAN BOYCE  
 COVID Coordinators/Storemen ..... LIZ D'ESTERRE  
 IVAN GERMANO  
 SIMON PHIPPS  
 COVID Secretaries ..... MILENA BOLOURI  
 LAUREN LEIGH  
 CHARLIE MCDONNELL  
 ELODIE TAYLOR  
 Production Safety Coordinator ..... HAFIZA MUSAMMAD  
 Production Construction Safety Advisor ..... DAVID DOWNING  
 Construction Nurses ..... ERIC MCGILL  
 MICHELLE KIRTON  
 ANDY ATKINS  
 COVID Unit Manager ..... ARIEL MURRAY  
 Compliance Officer ..... ADAM LEWIS  
 Key COVID Production Assistants ..... FABIAN ROOS  
 CHARLIE HARRIS  
 COVID Production Assistant - BFI ..... MATTHEW MULCAHY  
 COVID Production Assistants ..... CAMERON DAVIES  
 JÁNOUX GERBER  
 JAKE HOBDEN  
 ISABELLA SCHEMBRI  
 Prenetics Senior Site Manager ..... JULIE IMPENS  
 Prenetics Senior Lab Technician ..... DAVID DE LORENZO  
 Prenetics HGV Driver ..... PAUL BUSHELL  
 Disney - EMEA Regional Executive ..... LAURA REECE  
 Disney - Health & Safety Supervisors ..... RICHARD TAYLOR  
 DAVID FREEDMAN  
 Disney - Health & Safety Managers ..... JIMMY MCSPARRON  
 DAVID BAUM

ANIMALS

Animals & Insects Provided by..... BIRDS & ANIMALS  
 AHA Representative..... NATALIA SLONINA  
 Veterinarian .....SAMANTHA CASTLE  
 Horses Provided by ..... THE DEVIL'S HORSEMEN  
 Horse Masters.....DAN NAPROUS  
 CAMILLA NAPROUS  
 Asst. Horse Master .....REBECCA HORAN  
 Horse Riders ..... OLIVER GILES  
 LOUIS ALBIN  
 LEIA MCDADE  
 JESSICA WHITNEY  
 HUW WHITNEY

CATERING & CRAFT SERVICES

Catering Provided by..... RED CHUTNEY LTD.  
 Catering Manager..... HUGO SOARES  
 Catering HOD.....FIONA GILBERT  
 Managers..... MICHELLE POKOATI  
 LUKE HESTER  
 GRANT CUNNINGHAM  
 ALICE TAYLOR  
 COLIN STREDWICK  
 Head Chefs .....BEN PARKER  
 MARK ROBINSON

Front of House

BERNADETTE MCKEOWN SKY RYAN  
 WESLEY RODRIGUES CHLOE KNAGGS  
 LINDSAY DEAN JOSIE KEMP  
 KATHLEEN DE LA CRUZ ANNA KUPCHENKO  
 CALLUM CLARK-DILLON

Chefs

JACK LAMMING DAVINA THOMPSON  
 YILD MUSTAFA MARK WORBEY  
 JACK SNEATH DAVE MOORE  
 SALAH BOULEBANE DANIEL BRUNDLE  
 MICHAEL FORD

Above The Line Catering Provided by.....BONDI KITCHEN LTD  
 Cast Chef Assistants..... FENELLA BLAG  
 ZARA GAMBIER  
 ATLANTA THOMPSON  
 Cast Chef .....SARAH SUGDEN  
 Craft Services Manager..... MELISSA EDWARDS  
 Craft Services Assistants.....SANDRA MUTUSZEWSKA  
 ALICIA GILES  
 MILLIE BRAZIER

CONSTRUCTION

Construction Coordinator .....SIOBHAN WALSH  
 Construction Assistant ..... ORLA DORAN  
 HOD Carpenter ..... STEVE WILSON  
 HOD Scenic Artist ..... RUSSELL OXLEY  
 Construction Storeman ..... DANIEL KELLY  
 Assistant Construction Manager..... CARADOC CURTIS-ROUSE  
 Financial Administrator .....SARJ MAHIL  
 Construction Buyer ..... USHA CHAMAN

Accounts Assistants ..... LARA DAVEY  
 DANIELLE HOWARD

Supervising Carpenters

STEVE DEANE RHYS GRIFFITHS  
 CLINT HELLYER GARY JOBBER  
 GARY PLEDGER ALEX WELLS

Chargehand Carpenters

BEN CARTY LEE DEANE  
 TERRY KELLY DANNY PITON  
 ED SALISBURY KEVIN SWABEY  
 HARRY TRUDGILL

Carpenters

GRAHAM ANSELL SIMON ATKINSON  
 RANJITH AVUTHIYANDE DANNY BRYANT  
 JAMES BURLAK DANIEL BYRNE  
 FERGUS CAMPBELL CALLUM CHERRY  
 JACK CHURCHILL JOHN CONROY  
 GARY DARWOOD ROY DAVIS  
 ROSS DEVINE SCOTT ELMS  
 ARRIAN FERNEE XAVIER FOX  
 GREGORY FOX BRIAN FRANEY  
 CHRISTOPHER FRASER LEE GAWTHROP  
 LAURIE GRIFFITHS GRAHAM GURNEY  
 CASEY LEE HARRIS SIMON HARVERSON  
 CHRISTOPHER HAWKSWORTH DANIEL HOCKMAN  
 EDDIE HOLDBROOK PAUL HOUSTON  
 DAVE HOWARD AARON JENNER  
 JOSH KEENE SAM KEENE  
 CHAD KING NATHAN LAWRENCE  
 TIM LEE TOM MAKEN  
 SIMON MALLINSON MATTHEW MASON  
 ANDREW MCCREADY DAYNE MOIR MULLAN  
 ROBERT NOBLE ALEXIS O'BRIEN  
 DAN O'BRIEN MICHAEL O'CONNOR  
 TIM PEARSON CHARLIE PENDRY-PETERS  
 ALEX RAINE LEE REGAN  
 LUKE RICHES PAUL RIGBY  
 ANTHONY ROXAS GEORGE RUDELHOFF  
 MARTYN RUSSELL JON SANDERS  
 MARK SANSFIELD NICK SMITH  
 PETER SQUIRES CRAIG STANTON  
 JOSEPH SWABEY OLLIE TAPLIN  
 CHRIS WHITE PAUL WHITE  
 MARTIN WILLIAMS KEVIN WILLIAMS  
 JOSEPH WILLMOTT LESLIE WYLIE

Carpenter First Year Improvers..... DERMOT HARDY  
 JOSEPH SOWTER-MARTIN  
 OLIVER TOSSELL

Carpenter Second Year Apprentice .....LEE BYFORD  
 Carpenter First Year Apprentice..... MAX JONES

HOD Painter .....BRUCE GALLUP  
 Supervising Painters ..... RHYS COURT  
 MARK HARRIS  
 JOHN PINKERTON  
 TONY POWER

Chargehand Painters.....	JAI BATTERHAM LAURA BENSON LIAM GOOCH	KEVON RICHARDS PAUL ROBERY JOE ROSS	MARK RIDING JOHN ROBERY BILLY ROWBOTHOM
Chargehand Painter's Labourer.....	IAN TANSEY	RYAN TARIN JOE WEBB	RICHARD WARD IAN WILSON
Painters			
RICHARD BARCOCK	SEBASTIAN BARSZCZ	Plasterer Second Year Apprentice.....	GEORGE BOWE
JAMIE DAVIES-EVANS	PHILIPPE DELESTRE	Plasterer First Year Apprentices .....	JAKE BUCKLEY
LEE EDWARDS	ALAN EDWARDS		GEORGE SAMPSON
CHRIS FRENCH	LLOYD GENTLES	Plasterer's Labourers	
LARRY GOOCH	ALAN GOOCH	JOE DAVIES	DAVID HOPKIN
BILLY HANCOX	IAN HAZLEWOOD	CHARLIE MCEARY	BARRY MCDONALD
CHAZ MARLOW	JOHN MCALEES	JAMES RUMSEY	BARRIE WHITE JNR
JOSEPH NORTON	ANTHONY O'CALLAGHAN	HOD Sculptor.....	EMMA HANSON
NATALIE ANN PERKINS	STACEY PERKINS GRANT	Supervising Sculptors.....	CHRISTOPHER BARNETT
KATIE RAMSDEN	MICHAEL REGAN		MARK CRUISE
THOMAS SAVERY	FRANCIS SEARLESS	Chargehand Sculptors	FRANCIS POIRIER
PHIL WHEELER			
Painter's Labourers.....	NATHAN BARRETT JOHN FRANEY SEAN GANNON STEVEN PARTRIDGE STEWART WESTERN	JAMES ANTHONY MERLE FARMER DARREN FITZSIMONS KEITH MALLINSON MARK STOWE	FRANCIS BECK EDWIN FEREDAY RUTH HARRISON MATTHEW O'DONOVAN JOHN DARREN SUTTON
Scenic Artists .....	MATTHEW BROTHERHOOD SEAN CUNNINGHAM	Sculptors .....	MATTHEW CURRIER LIAM HARRISON RIA KNOWLES
Painter Second Year Improver .....	SATI JHUTTI WALLIS	Modellers.....	STEFAN CORDIOLI NATALIE HUTTON BEN O'SHAUGHNESSY
Painter First Year Improvers.....	AARON BATTERHAM HARRIET HICKMAN	Advanced Improver Sculptor .....	DAVID MOHAMMADI
Glaziers.....	MURRAY JONES TODD JONES	Sculptor First Year Improvers .....	STEFANO FERRARA SIMON MARTIN KATHRYN NEWMAN VERITY POWELL FRED RILEY
HOD Metal Worker .....	PETER BUCKLEY	Trainee Sculptors .....	SARAH AKBAR JACK ALLEN JOSH HENDERSON LAWRENCE MCMILLAN
Supervising Metal Worker .....	JIM WALLIS	Sculptor Second Year Apprentices .....	GUSTAV BOGACZ SAM JONES MARC MATTA ELLIE SEABOURNE
Metal Workers		Tilers .....	MICHAEL FLAHERTY VINCENT WAHLERS
JAMES ASHBY	HARRY ASHMORE	HOD Rigger.....	DARREN FLINDALL
ALEX BYNOTH	ANNIE CHAPTER	Supervising Riggers.....	BARRY BROWN IAN NORGATE
JAMES COOMBER	ROB FITZGIBBON	Rigging Labourers .....	PAUL TATTERSFIELD JIM TUCK
TOM PATTULLO			
Chargehand Machinist .....	STEPHEN WESTERN		
Machinist First Year Improver .....	TOM WELLS		
HOD Plasterer.....	MARK BEWLEY		
Supervising Plasterers.....	GEOFF LOWEN SHAUN NORCOTT SNR SHAUN NORCOTT JNR ANDREW WESCOTT		
Supervising Plasterer's Labourer .....	ANTHONY MCCREARY		
Plasterers			
LUKE BAGNALL	ANDREW BEANGE		
DENHOLM BEWLEY	CHARLIE CHANT		
PAUL COLEMAN	EDRIC COVE		
KEITH EDWARDS	DAVID EYLES		
DAVID GILES	MELLONEY HARVEY		
STEPHEN HOLLINGWORTH	ADAM HOLTON		
LIAM JAMES	MICHAEL JAMES		
BRETT JANES	ALEX KING		
TERRY KIRKUM	STEWART LOBB		
PETER MCALLISTER	CRAIG MORAN		
TOM MORRISON	SEAN MURRAY		
SCOTT MYERS	CHRISTOPHER NICOLS		
DAVID PAGE	OLIVER PELLOWE		
EDDIE QUAYLE	JAN REHDEES		

HOD Stagehand ..... ADAM MORONEY  
Supervising Stagehands. .... DAVID CHRISTOPHER CARLO  
PAUL DAVIES

Stagehands NVQ

MARK ANDREWS ..... KARL BEAVIS  
CHARLIE BELLCHAMBERS ..... ROBERT FAHERTY  
REECE KING ..... JESS MCAVOY  
LENTSE MEALIN ..... CAMERON NEALON  
CHARLIE ORSMOND ..... WILLIAM THOMPSON

Stagehand Labourers

DANIEL HINGERTON ..... BILLY LEE KNOWLES  
LIAM MCALLISTER ..... SCOTT MCNALLY  
ANDREW MORONEY ..... SONNY NELIS  
BOBBY TOSSELL  
HOD Greensman ..... PETER HOOPER  
Greens Standbys ..... BENITO CAVALLARO  
GEORGE BENNETT  
ROBBIE FLETCHER

Greens Level 3 ..... CONNOR STEPHENS  
Greens Level 2 ..... CAMERON CLARK  
GEORGIO PITSIALIS

Greens Level 1 ..... BIANCA POARA  
DANIEL MORRIS  
JACOB KNIGHT  
MATTHEW HAYES

Greens Supervisor ..... ROBERTO OLIVIERI  
Greens Coordinator/Buyer. .... KRISTINA O'REILLY  
Supervising Chargehands ..... ZEPHYR DOUGLAS  
STEVEN MURPHY  
JAMIE CLARKE

Lead Dressers ..... GEORGIE WHETSTONE  
LYDIA MATTHEWS

Greens Painter ..... ANDREA MARSDEN  
Chargehand Carpenter (Glasgow) ..... JAMIE MCCALLUM  
Carpenters (Glasgow)

CHRIS FRANCHI ..... JOHN HOWLEY  
NEIL MACINNES ..... NIALL SCOTT-MARTIN  
FRANK CAMERON ..... NICK SMITH  
Chargehand Stagehand (Glasgow). .... NATHAN SIMPSON  
Stagehand Labourers (Glasgow) ..... DARREN GILBERT  
MICHAEL COLLIER-PRICKETT  
DAVID NELSON  
JADEN LEMAY  
CRAIG ROSS

Supervising Painter (Glasgow) ..... LYNSEY SINNAMON  
Stagehand Labourers (Glasgow) ..... ROSIE JACOB  
ROSIE SIMS  
HARRIET TRITTON  
AMY HASTIE  
ROBERT GEE

Supervising Rigger (Glasgow) ..... ROSS PEARSON  
Riggers (Glasgow) ..... STEPHEN KEOGH  
JORDAN PELGRIN  
FRANK MURRAY

Painter's Labourer (Glasgow) ..... STUART WILEMAN

## FRANCHISE & PUBLICITY

Stills Photographer. .... JONATHAN OLLEY  
Unit Publicist ..... MOIRA HOULIHAN  
Franchise Supervisor ..... LAURA EVANS  
Physical Assets Team ..... ANNA HALL  
ANDY SCOTT  
MAUDIE MERCHANT

Franchise Accountant ..... POLLY FLETCHER  
Behind-the-Scenes Filmmaker ..... IAN BUCKNOLE  
Behind-the-Scenes Camera ..... CALLUM JOHNSON  
Additional Behind-the-Scenes Camera ..... HANNAH MITCHELL  
Behind-the-Scenes Trainee - BFI ..... ANNISHAH RAZAQ  
Portrait Gallery & Second Unit Photographer. .... ED MILLER  
Portrait Gallery Photographer ..... HAYLEY BENOIT  
Franchise Coordinator ..... DIANE POGNAN  
Lead Photo Editor/Retoucher ..... BARRY HURLEY  
Show Photo Editors ..... PAUL MCCONNELL  
ROBIN YOUNG

Clearances ..... FINOLA MOORE

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Supervisor, Digital Asset Management ..... GABRIELLE LEVENSON

KATHERINE BELL ..... ALLISON BIRD  
JACKY CABRERA ..... ELINOR DE LA TORRE  
PORTIA FONTES ..... NICK MIANO  
BRYCE PINKOS ..... ERIK SANCHEZ  
MICHAEL TROBIANI ..... SARAH WILLIAMS

Rights & Clearances by ..... BARBOUR & COMPANY  
CASSANDRA BARBOUR

## TRANSPORTATION

Transport Captain ..... CHRIS NUTTALL  
Transport Office Coordinator ..... GRACE JONES

### Unit Drivers

ALAN CANTY ..... MIKE CURRAN  
DEREK DUSSARD ..... DARREN FOSTER  
NATHAN GILES ..... KASH HAMEED  
DANE HEAVENS ..... MARC HICKMER  
DAVE IVES ..... MOHAMMED KHAN  
MASON MCQUEEN ..... RICHARD MILES  
GIDEON MULLINS ..... JAMES OTT  
JOHN SCHOLEY ..... GAVIN SHEPHERD  
JOE SHEPHERD ..... BILLY WEST  
PAUL ZANELLI

Mini Bus Drivers ..... DANIEL MUNCEY  
KELSEY JENKINS  
GEORGE MUNCEY  
TERRY READ

Facilities Vehicles Provided by ..... TRANSLUX INTERNATIONAL  
Standby Vehicles Provided by ..... LAYS INTERNATIONAL  
Facilities HOD ..... LAURENTUI NEASCU  
LAYS HOD ..... BARRY COYLE  
LAYS Baseman ..... ANDY HAWKINS

Main-On-End Design by . . . . . PICTUREMILL & F. RON MILLER  
End Credits Design by . . . . . SCARLET LETTERS  
Digital Opticals by . . . . . OUTBACK POST  
. . . . . RON BARR

VFX Pulls by  
COMPANY3

Portal Manager . . . . . IAN KRASSNER  
Portal Support . . . . . MARTIN AVITIA  
Portal Producer . . . . . KEVIN BEIER  
Portal Engineer . . . . . MARY QUAN

Dailies Processing by  
COMPANY3

Dailies Colourist . . . . . JAMES SLATTERY  
Additional Colourist . . . . . BRETT RAYNER  
Dailies Technical Supervisor . . . . . TOM MITCHELL  
Mobile Supervisor . . . . . LIAM DONAGHY  
Technologists . . . . . BEN JONES  
WARREN INCE  
CALEB JOHNSON  
PAUL DOOGAN  
Dailies Producer . . . . . GEMMA SAUNDERS  
Dailies Operators . . . . . LULU LADD  
PATRICK COAKLEY  
SEAN OLDING  
Head of Dailies Operations . . . . . JAMES LONG  
Account Executive . . . . . JON GRAY  
Operations Manager . . . . . CLAIRE MCGRANE

Color & Finish by  
COMPANY3

Supervising Colorist . . . . . SKIP KIMBALL  
Finishing Producer . . . . . JARED ARKULARY  
Finishing Production Coordinator . . . . . JACK MOLITOR  
Sales Executive . . . . . SHERYL GOODHEAD  
Finishing Editor . . . . . CRAIG C. PRICE  
Image Scientist . . . . . MICHAEL KANNARD  
CO3 Executive Producer . . . . . STEFAN SONNENFELD

## SECOND UNIT

Production Supervisor . . . . . RHYS SUMMERHAYES  
Production Assistant . . . . . KODOU WILLIAMS  
Second Assistant Director . . . . . JOSIE MORGAN  
Second Assistant Director - Morocco . . . . . LUKE TOLEN  
Assistant to Second Unit Filmmaker . . . . . JENNIFER EDDY  
Production Coordinator . . . . . BEN KOZEL  
Assistant Production Coordinator . . . . . JORDAN BARBOUR  
Second Second Assistant Director . . . . . LIBERTY CHEESMAN  
Standby Art Director . . . . . CASSANDRA VIRDEE  
Third Assistant Directors . . . . . EMMA REYNOLDS  
JULIET KIRBY  
CHESSIE WILTON  
CAMERON LAWTHER

Set Production Assistants

BILLIE MAK  
JOEY HISCOCKS  
NICOLE ABLOTT  
BEN ROBLES-ACOSTA  
AARON GORDON  
DEBBIE BELLO

Hair, Makeup & Prosthetic Supervisor . . . . . JENNIFER HARTY  
Key Hair, Makeup & Prosthetic Artist . . . . . LORNA STIMPSON  
Hair & Makeup Junior . . . . . JADE WINTERTON  
Hair & Makeup Trainee . . . . . LAUREN HUGHES  
Armourers . . . . . NIK WILKERSON  
DAVID SILLERY  
Script Supervisor . . . . . LAURAJANE MILES  
A Camera Operator . . . . . MICK FROEHLICH  
B Camera Operator . . . . . TOM WADE  
Addtl. Camera - First Assistant Camera . . . . . RICHARD DAVIS  
Addtl. Camera - Second Assistant Camera . . . . . BRUCE CARMICHAEL  
Addtl. Camera - First Second Camera . . . . . JACK CARTER  
DIT . . . . . PAUL DEANE  
DANIEL ALEXANDER

DIT Data Manager . . . . . DIMITER DIMITROFF  
Second Unit Wardrobe Supervisor . . . . . AARON TIMPERLEY  
Principal Costumers . . . . . BENJAMIN ALLARD  
GEMMA BATES  
Junior Principal Costumer . . . . . GIORGIA MUSHET  
Supervising Standby Props . . . . . BUDDIE WILKINSON  
Standby Props . . . . . DANIEL VALENTINE  
Assistant Script Supervisor . . . . . EMILY RICHARDSON  
A Camera First Assistant Camera . . . . . OLIVER DRISCOLL  
B Camera First Assistant Camera . . . . . LUKE SELWAY  
A Camera Second Assistant Camera . . . . . BEN JONES  
B Camera Second Assistant Camera . . . . . DAN LILLIE  
Central Loader . . . . . DAFYDD BATES  
Camera Trainees . . . . . CONOR SPENCER  
LUCIEN FRANK  
ROSAMUND FREEMAN

Video Playback Operator . . . . . CAMERON DAVIDSON  
Video Assist Assistant . . . . . JACK KELLY  
DIT Assistants . . . . . FINN SHERITON  
KATE DRAZEK  
CARRIE COOKSLEY

Production Sound Mixer . . . . . TOM WILLIAMS, AMPS  
Production Safety Advisor . . . . . DAN WILLIAMS  
Security Supervisor . . . . . CHAS CHARLTON  
Technicians . . . . . JIM TAMBLING  
DEBS BREAM  
SIMON HALLIDAY

Key Grip . . . . . ALEX MOTT  
Electrical Gaffer . . . . . TOBY TYLER  
Electrical Best Boy . . . . . DAVID TYLER  
Electrical Lighting Desk Operator . . . . . RICHARD ALLEN  
First Assistant Sound . . . . . GWENDELON SENA  
Sound Trainee . . . . . ALEXANDER LANGNER  
COVID Compliance Officer . . . . . NATHAN LONG  
COVID Production Assistant . . . . . LUKE ROSS  
Grip Best Boy . . . . . MICK RICH  
Grips . . . . . DANNY BRENNAN  
NIC CUPAC  
TOM GRAHAM

Electrical Floor Best Boy .....	DANIEL TYLER	Divers	
Standby Electrical Rigger .....	TOM BIGGERSTAFF	JOSH TUERSLEY	JOE BOURNE
Lighting Technicians .....	DEAN CHAMBERS	PAUL DANIELS	JONATHON DOLAN
	AARON DUNNING	SIMON OCKENDEN	ADRIAN GORST
	BEN SUTER	LIZ COURT	SAM PURNELL
	BRADLEY WILSON		
	JAMIE HUNT	LUCASFILM LTD.	
Key Rigging Grip .....	DAVE CROSS	EVP/General Manager .....	LYNWEN BRENNAN, CBE
Rigging Grip .....	GARY JAMES	EVP, Physical Production .....	MOMITA SENGUPTA
Grip Trainee .....	JAKE LAVAN	SVP, Post Production .....	PIPPA ANDERSON
Crane Technician .....	NEIL FOLLY	SVP, Lucasfilm VFX/General Manager, ILM .....	JANET LEWIN
Crane Technician .....	GEORGE POCOCK	SVP, Creative Innovation/ Chief Creative Officer, ILM .....	ROB BREDOW
Libra Head Techs .....	SEAN ROGERS	SVP, Business Affairs & Legal Counsel .....	RHONDA HJORT
	JAMIE TOCHER	SVP, Licensing & Franchise .....	PAUL SOUTHERN
	NEIL (MUNKEH) TOMLIN	SVP, Franchise Content & Strategy .....	JAMES WAUGH
Precision Drivers .....	ROB HERRING	Assistant Chief Counsel .....	DAN AMIN
	LEO FORSTER	VP, Finance .....	LORI AULTMAN
E-Bike Driver .....	REGIS HARRINGTON	VP, Immersive Content Innovation .....	VICKI DOBBS BECK
Crane Arm Operator .....	DUNCAN MORE	VP, Post Production .....	MIKE BLANCHARD
Stabilised Head Tech .....	CHRIS DAWSON	VP, Human Resources .....	BLAIRE CHAPUT
SFX Lead Senior Technician .....	ANDREW AITKEN	VP & Executive Creative Supervisor .....	DOUG CHIANG
SFX Floor Supervisor .....	CHRIS GILES	VP, Production Finance .....	JOSEPH CHO
SFX Senior Technicians .....	BARRY WHITE	VP, Publicity & Communications .....	CHRIS COXALL
	JON TIMLIN	VP, Franchise Marketing .....	MEGAN CRUMPACKER
SFX Assistant Technicians .....	JOSH CROCKETT	VP, Lucasfilm VFX .....	TJ FALLS
	DAVID PASZKOWSKI	VP, Production Technology .....	LORI GIANINO
Standby Stagehands .....	DERRY FURR	VP, Social & Digital .....	THERESA HELMER
	STEVE MATTHEWS	VP, Business Affairs & Legal Counsel .....	KENSIE KIM
Standby Carpenter .....	PETE (SMITHY) SMITH	VP, Lucasfilm Games .....	DOUGLAS REILLY
Standby Painters .....	DARYL KING	VP, Marketing & Franchise Creative .....	ANNA YEAGER
	JAY SOTHERAN		
Standby Riggers .....	GARY FROST		
	JACK ROBERTS		
Unit Nurse .....	ELSPETH DYKSTRA	Lucasfilm Production & Development	
		ROMEO ALBANO	RUBY AVARDS
		VIMANI BAXTER	SAMANTHA BLOOMFIELD
		VICTORIA CADIOU	JOANNE KAWASAKI
		MICHAEL KOHN	MATTHEW MCGUIRE
		BIOLA OLAGBEGI	MARRO PARK
		ANNA RINGUET-BROWN	ADAM TEEUW
		CODY VANDENBERG	ANINA WALAS
		SAMANTHA WALLACE	
		Lucasfilm Business Affairs & Legal Counsel	
		LUXIE AQUINO	ALISON DAHER
		ALEXIS DONOGHOE	SHARRON DRAKE
		BRIAN G. FARRAR	SARAH GARCIA
		JASON GEE	CHRISTOPHER HOLM
		NAUREEN Z. HOQUE	NICHOLAS KANE
		DAVID MENDENHALL	JULIA PORTER
		CHRISTINE TALARIDES	
		Lucasfilm Studio & Franchise	
		TROY ALDERS	ALEXA ALYESHMERNI
		STEVE BLANK	DOUGLAS BOETHLING
		TRISH BRUNNER	ANNIE BUKOWSKI
		MICKEY CAPOFERRI	LELAND CHEE
		LYN COWAN	JANET DAY
		QUEEN DENCHUKWU	CRAIG DERRICK
		MELCHER FABI	MATTHEW FILLBRANDT
		ALISON FISHER	BARBARA GAMLEN
		CHRIS GOLLAHER	PABLO HILDAGO
PINWOOD - UNDERWATER UNIT			
Underwater Director of Photography .....	IAN SEABROOK		
Underwater First Assistant Camera .....	MATT WESSON		
Underwater Housing Technician .....	BEN PARISH		
Underwater DIT .....	JOE STEEL		
Underwater Gaffer .....	AARON KEATING		
Gaffer .....	ANDY PURDY		
Electrician .....	TOM LAMOTTE		
Electrical Rigger .....	AARON DUNCAN		
Underwater Electricians .....	MATT DICKINSON		
	CHRIS BROOMFIELD		
	RYAN HUFFER		
Diving Doubles .....	SIMON ANDREWS		
	JESS GAMBLE		
Diving Team Provided by .....	DIVING SERVICES UK LTD		
Diving Coordinators .....	DAVE GREEN		
	LISA BIRCH		
Diving Supervisors .....	NICK VARGASSOFF		
	DAVID REES		
Lead Diver .....	PETER HARCOURT		
Dive Technician .....	IMOGEN DANKS		

COLE HORTON  
 CARL JORDAN  
 JAROD KEEL  
 GRACE LEE  
 KERRI MARTIN  
 CORINNE MEDEIROS  
 EMILY NERVIANI  
 LAUREN OLSEN  
 KEVIN PARKER  
 ANTHONY RODRIGUEZ  
 KELSEY SHARPE  
 NICHOLAS SNELL  
 JEFF TERRA  
 KIM TRINH  
 DAVID YEE  
 ROLANDO ZEGARRA

Lucasfilm Technology Support & Systems

RYAN BUTTS  
 PAUL DENTON  
 AKIL HIGGINS  
 ELEFThERIA KARAPIPERI  
 TIM VOLKER  
 NIK WOODLEY

AMIR HOSSEINZADEH  
 CONNIE KANG  
 AKASH KUMAR  
 BRUCE MARCHANT  
 MATT MARTIN  
 JOHN NEIRA  
 DANIELLE O'HARE  
 SABRINA ORTIZ  
 LACEY PRINCE  
 LUCAS SEASTROM  
 EMILY SHKOUKANI  
 DEREK STOTHARD  
 LEANDRE THOMAS  
 PETE VILMUR  
 LAUREN YENOKIDA

DANNY DAO  
 ABIGAIL DUNCAN  
 DARYLL JACOBSON  
 JENNIFER LEWICKI  
 ALEXANDER WEBB

Assistant Production Coordinator . . . . . ELVIRA ELISABET VERON  
 Crowd Assistant Director . . . . . GIORGIA GEMINIANI  
 Crowd Production Assistant . . . . . ATHENA CESARI  
 Stunt Coordinator . . . . . GIORGIO ANTONINI

Stunt Performers

AGOSTINO DE CESARIS  
 EDUARDO XAVIER DE SILVA  
 GABRIELE DOMENIGHINI  
 LORENZO FARAGLIA  
 EMANUELE FREDDO  
 FEDERICO GRILLO  
 PATRIZIO LICATA  
 SIMONE RANIERI  
 DANILLO REGINI  
 ENRICO SALAMON  
 GABRIELE SCILLA  
 ROBERTO SGARBI  
 ALESSANDRO UBALDI  
 BRUNO VERDIROSI  
 MAJCOL VINANTE

ALESSANDRO XAVIER DE SILVA  
 CRISTIAN DOMENIGHINI  
 STEFANO DOMENIGHINI  
 ROCCO MARIA FRANCO  
 ANDREA GIGLIO  
 ANDREI JDANOV  
 DANIELE NGUYEN  
 FEDERICO REGAZZO  
 EMANUELE ROMANO  
 STEFANO SAVERIANO  
 GIANLUIGI SCILLA  
 MASSIMO TARTAGLIA  
 MASSIMILIANO UBALDI  
 VITTORIO VERDIROSI

Italian Casting by . . . . . FRANCESCO VEDOVATI  
 Featured Puppeteers . . . . . VINCENZO MANCUSO  
 ANTONIO GUARINO  
 GIOVANNI BATTISTA RAPPA  
 Stand-ins . . . . . DESIRÉE ANNA D'AGUANNO  
 FABIO LO MEO  
 GIADA LA BARBERA  
 EMANUELE GERACI  
 ANTONINO BERTOLINO

Featured Musicians - Pintorno & Wedding Bands

VINCENZO BARRACO  
 GIOELE CORSO  
 CLAUDIO CURRERI  
 SEBASTIANO DI GESARE  
 FRANCESCO GUGLIUZZA  
 DOMENICO PORTERA  
 Art Director . . . . . ROBERTA FEDERICO  
 Assistant Art Director . . . . . COSTANZA GELARDI  
 Art Department Coordinator . . . . . CLAUDIA LUZZI  
 Art Department Assistant . . . . . TOMMASO BARAZZUTTI  
 Assistant Set Decorator . . . . . RAFFAELLA CUVIELLO  
 Set Dec Assistants . . . . . SIVIA MAIMONE  
 EMANUELE MICARI

Greens Labourer . . . . . SEBASTIANO ALIA  
 Greenery PA . . . . . LUDOVICO MUSCO  
 Associate Costume Designer . . . . . STEFANO DE NARDIS  
 Costume Coordinator . . . . . ELENA ROTATORI  
 Costume Buyer . . . . . EMANUELA NACCARATI  
 Key Fitters - Assistants . . . . . CLAUDIO LAGANÀ  
 PRISCILLA MINNITI

Costume Assistants . . . . . ALESSIA ROMANAZZI  
 SAVERIO CICALA  
 EIRINI PANDI

Senior Fitters . . . . . LAURA GIUSTINI  
 GIOVANNI PARIS

Senior Breakdown Artist . . . . . PAMELA PAOLINI  
 Cutter/Head Seamstress . . . . . GIULIA ORSACCHIOTTO  
 Breakdown Artist . . . . . AMBRA SCHUMACHER  
 Seamstress . . . . . LUISA CORDA

**WALT DISNEY STUDIOS**

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 EVP, Marketing . . . . . FRANK CHIOCCHI  
 EVP, Publicity . . . . . MICHELLE SEWELL  
 SVP, Promotions & Special Events . . . . . LYLLE BREIER  
 SVP, Digital Marketing . . . . . JESSICA INTIHAR  
 SVP, Business Affairs . . . . . DAVID TRYGSTAD  
 VP, Production Finance . . . . . JOHN ALEXIADES  
 VP, Creative Advertising . . . . . ELY ORIAS  
 Executive, Credit & Title Administration . . . . . KIRK RINGBERG  
 EVP, Business Affairs . . . . . BERNARDINE BRANDIS  
 EVP, Media Planning & Strategy . . . . . KIMBERLY FLASTER  
 Chief Counsel . . . . . PAIGE OLSON  
 SVP, Creative Advertising . . . . . ARNALDO D'ALFONSO JR.  
 SVP, Marketing . . . . . RYAN STANKEVICH  
 SVP, Media Planning & Strategy . . . . . ALLYSON WHITFIELD  
 VP, Creative Print Services . . . . . STEVE NUCHOLS  
 VP, Publicity . . . . . MELISSA STONE

**LOCATION UNITS**

**SICILY UNIT**

Unit Production Manager . . . . . FILIPPO BALDASSO  
 Production Supervisor . . . . . SABRINA MANNA  
 First Assistant Director . . . . . GWEN SANNIA  
 Second Assistant Director . . . . . YVONNE OLIVIERI  
 Floor Second Assistant Director . . . . . GIANMARCO FORMICA  
 Third Assistant Director . . . . . GIANLUCA LA ROSA  
 Stunt Supervisor . . . . . FRANCO SALAMON  
 Assistant Stunt Coordinator . . . . . GABRIELE RAGUSA  
 Production Accountant . . . . . MARILENA LA FERRARA  
 Production Coordinators . . . . . CLARA O'KEEFFE  
 MONA BERNAL



Crowd Fitting Junior Hair & Makeup Artist	FEDERICA RUTIGLIANO	Assistant Location Managers	SERGIO ANDRIANOV
Breakdown Artist Junior	KATIA FOLCO		SERENA ROMANO
Production Secretary	DARIA SANTILLI		MARGHERITA DI PAOLA
Travel Coordinator	JAYNE JOHNSON	Location Production Assistants	
Assistants to Production Managers	CAMILLA PUGINI	CHRISTIAN DI MAURO	VINCENZO LOMBARDO
	MATTEO PLUCHINO	GIOVANNI DI NATALE	VALERIO TODARO
Assistant Travel Coordinator	ILARIA PROSCIA	GIOVANNI NAVARRA	COSIMO LIPPARINI
Accommodation Coordinator	GIULIA NENNA	First Assistant Camera - D Cam	GIANNIS ROZEAS
Key Set Production Assistant	MARCO DELLA TORRE	DIT Utility	GUIDO NOVARA
Assistant Accommodation Coordinators	SIMONE GRUSSU		FRANCESCO ROMANO
	CHIARA PROCACCI	Video Utility	ELVIS FRASCA
Key Office Production Assistant	FILIPPOAMATO AGOSTINO	Boom Operator - C Cam	ANDREA PASQUALETTI
		Video Assist - C Cam	ELENA SANI
Production Assistants		Marine Consultant	LORENZO PUCCINI
CARLA COPIA	FRANCESCO PANSINI	Marine Technician	DAVIDE UNICH
EMILIANO COMPOSTA	LUCA ESPOSITO	Trireme Boat Captain	GIOVANNI LI CAUSI
FEDERICA GENOVESE	LORENZO AMADIO	Underwater Unit Electrician	MAURIZIO MATANIA
ANGELO PINCO		Helicopter Pilot	FRANCESCO COMENSOLI
		Helicopter Techs	GIULIANO COMENSOLI
Production Assistant to Producers	DANIELLE BAINS		GIUSEPPE BLANDINO
Unit Assistant	ALBERTO SCUDERI	Props Master	MASSIMO ELEONORI
Production Runner	GIULIO PENNA	Prop Storeman	STEFANO NAGNI
Unit Assistant/Crew Labour Hire	STEFANO POMARICI	Props Coordinator	LAURA NINNI
Cast Assistant	LIAM TESTASECCA	Prop Maker	ANTONIO MURER
Assistant to Marco Valerio Pugini	ISABELLA ROBERTO	Props Buyer	BRUNELLO TERRACCIANO
Assistant to Producers	FEDERICA RUSSO	Standby Set Dressers	GIOMARIA CHESSA
Legal Assistant (Intern)	ANGELICA ZAZZA		FABIO BONDÌ
Extras Casting Coordinator	ANTONINO (NINNI) TARTAGLIA	Armourer	MASSIMO CARDAJOLI
Extras Assistants/Marshalls	INGRID TARTAGLIA	Armoury Labourers	MARCELLO D'ALBA
	FRANCESCO PAOLO TARTAGLIA		FRANCESCO SALERNO
	PASQUALE DI GIOVANNI	Chargehand Dressing Props	COSIMO GIANNUZZI
Extras Assistants	CATERINA MAGLIOZZO		DIEGO MARIA MARAZZI
	GIUSEPPA DI MAIO	Props Head Painter	VALERIO CAPPELLETTI
	ILENIA MAGLIOZZO	Props Painter	JACOPO DUBLA
Extras Dept Driver	UMBERTO LEPRE		Dressing Props
First Assistant Accountant	RAFFAELLA RICCI	DANIELE BRAIDA	GIULIANO MIGNACCA
Second Assistant Accountant	DANIELA BUCONI	ADRIANO MAGGI	PAOLO D'ANGELI
Head Payroll Accountant	GIAMPAOLO NUSCA	ALESSIO DI CICCIO	ANDREA VENTURA VITETTA
Payroll Accountant	MARZIA GIAMBERINI	SALVATORE BRIOLA	
Tax Credit Accountant	MARINELLA MARINELLI		Animal Handlers
Assistant Payroll Accountants	MARCO MOSOLO	EDOARDO MARTINO	ANNA EWA SMALARZ
	LORENZO CINTIO	MARTINA BUONAVENTURA	PIETRO LO PINTO
Data Entry Accountants	ELENA TIBERI		
	TULLIA PALMA RAMBAUD	Picture Vehicles Coordinator	SIMONE CENTIONI
Panorama Films Accountant	PATRIZIA PIZZINI	Picture Vehicles Floor Coordinator	ADRIANO MONETTI
Accounts Trainee	LAURA TRIBAUDINO	Picture Vehicles Office Coordinator	SUSY ANN BIANCO
Cashier	IRENE TARTAGLIA	Picture Vehicles -	
Tax Credit Consultant	SMART CONSULTING GROUP	Office Production Assistant	MATTIA PIETRANGELI
		SFX Workshop Supervisor	DANIEL ACON
Key Location Manager	MAURIZIO LICCIARDELLO	SFX Senior Technician	SILVANO SCASSEDU
Location Manager	ELISABETTA TOMASSO	SFX Labourer Technician	MARCO FIACCAVENTO
Assistant Location Manager	DAFNE GRASSO	Set Mechanic	GIUSEPPE MARSELLA
Locations Coordinator	MARZIA COLTELLACCI	Tow Truck Driver	DAVIDE COLANERA
Key Assistant Location Manager - Sicily	DAVIDE DE CARO	Truck Driver	MASSIMILIANO NOVALDI
Assistant Locations Coordinator	GIORGIA BOTTIGLIERO	SFX Production Buyer	ANDREA PIGRUCCI
Junior Location Managers	MICHELA SESSA	SFX Technicians	FERNANDO CESARITTI
	GIULIA ODOARDI		EUGENIO GUALTIERI
	ANTONIO SCIMENI	Pyro Supplier	LUCIANO RAFFAELE

Catering Provided by.....	C.L.I.C. SERVICE S.R.L. MAURO BIANCHETTI CRISTINA LEURINI DAVIDE MELCHIORRE	COVID Office Assistant .....	ELISABETTA IULIANO
		COVID Extras Test Loggers.....	GIOVANNI MARCHESE SABRINA CUSENZA MILENA BLUNDA
Transport Managers.....	MELINA FRIAS GIUSEPPE (PEPPE) SANTONI	COVID Facilities .....	FABRIZIO RAPEZZI DARIO MALUSARDI GIUSEPPE CINQUEGRANI
Transport Captains.....	JOHN LINES FILIPPO DEL BELLO MARCO FERRERI ALESSANDRO PANTANO	Key COVID PA .....	GIULIO RIVELLI
Transport Coordinators.....	CARLA PURRINOS SIMONE OLIVIERI		
Transport Co-Captain/Crew Van Driver.....	MARCO TAGLIONI		
Transport Assistant.....	ANTONIO SANCHEZ		
	Unit Drivers		
LORENZO LUZZI CONTI	PIERFRANCESCO ANCILLAI		
SACHA PLATEO	STEFANO PIOVESAN		
ANTONINO SANTORO	ANGELO RINAUDO		
GIULIA FRITTELLINI	ANGELO ARANCIO		
GIULIO BOEMO	FRANCESCO BARRECA		
ANDREA FEDELI	NINO ROMANO		
LUIGI GRASSADONIA	ALESSANDRO CARPINETA		
ANGELO BOTTARO	FRANCESCO CAROLLO		
IAN BIANCHI	MAURO CECCHINI		
MARCELLO SEREGNI	ALFIO GUERCIO		
MASSIMO BENEDETTO	EZIO FIORAVANTI		
	Truck Drivers		
CARMINE DI STEFANO	FABIO SALSICCIA		
MASSIMO VERGARI	MAURO FIORI		
RINO RASPANTI	IVAN SALATINO		
CARLO PUCCIARMATI	LUCIANO MARINO		
MAURIZIO SPERATI	EDOARDO PECHISOLIDO		
RENATO MARANO	MAX CARDILLO		
DANIELE GENCO	LUCIANO IEVA		
ANTONIO NIGRO			
Facilities HOD.....	RENATO LATELLA		
Facilities Labourers.....	IVAN SANSICA VINCENZO SPANÒ		
Facilities Team .....	PRIMO SETTEMBRINI ANGELO BERLINI DANIELE FORNACIARI GIUSEPPE ERCOLANO DIEGO FANINGER		
	Security Team		
VIRÁG KACZIBA	RAFFAELE SEPE		
ANTONINO CLAUDIO ALESTRA	GIOSUÉ ARCURI		
AIMAN SABER	UBEL GONZALEZ GOMEZ		
Health & Safety Supervisor .....	VALENTINA CESTARI		
Health & Safety Officer .....	MARCO CONTE		
COVID Manager.....	VALERIA CORREALE		
COVID Office Coordinator .....	LAURETTA PILOZZI		
Crew COVID Test Loggers.....	FRANCESCO DI STEFANO ROSITA MARCHESANO LISA ROMANO		
Occupational Physician .....	ERNESTO CARBONE		
On Set Medic .....	GIULIO TURCO		
Key Nurse.....	MASSIMO DI GREGORIO		
		Checkpoint Production Assistants	
		ALESSANDRO SIGNORINI	LAURA GIANNATIEMPO
		GIANCARLO SCORSONE	FABIO MESSINA
		ANGELO APRILE	GAVINO COSSU
		TIZIANA CANDINO	VALENTINA INGRASSIA
		GIOVANNA COLOMBO	CRISTINA CIVILETTI
		GIANCARLO BARBATA	ROCCO FODALE
		ERIKA NATALE	PIETRO MACAIONE
		COVID Production Assistants	
		UMBERTO CALAIÒ	PIETRO MACELI
		MANFREDI PIPITONE	FAUSTO RUSSO
		LENA DE ECCHER	ANTONINO BRUNO
		MAURO TODARO	MARIA ANGELA GENOVA
		Legal Consultant .....	STUDIO PONTI
		Labor Consultant .....	STUDIO PANTANO
		Fiscal Consultant .....	STUDIO SFORZINI
		Italian Insurances .....	CINESICURTÀ INTERNATIONAL
		SICILY - MARINE UNIT	
		Marine Coordinator .....	IAN CREED
		Assistant Marine Coordinator.....	LORENZO PUCCINI
		Diving Tech Specialist .....	NICK HARINGTON
		Dive Supervisor.....	EAMON FULLEN
		Marine Office Supervisor .....	ALISTAIR EALES
		Marine Supervisor .....	SEDRİK SCIACCA
		Marine Technicians.....	MAX FINZI ROD MCKENZIE DAVIDE UNICH PHIL ANDERSON-HANNEY PAUL JACKSON
		Marine Supervisor - Background Boats.....	ZELJKO RADOLA
		Trireme Boat Supervisor.....	CHARLIE CHETWODE
		Junior Marine Technician.....	STEPHEN BAINBRIDGE
		Safety Divers.....	VASIL TERZIEV IVAN PAVLOV ROBERTO FERMO SIMONE BELLASSAI
		Diving Doubles .....	MISHA RICHARDS PHIL ANDERSON-HANNEY ROD MCKENZIE
		Marine Engineer Mechanic .....	DEAN OMARA
		SICILY - AERIAL UNIT	
		Helicopter Pilot .....	GILES DUMPER
		Aerial Coordinator .....	ANDY STEPHENS
		Aerial DOP.....	JEREMY BRABEN
		Aerial Camera System Tech .....	SAM THURSTON
		Mount Technician.....	OLIVER WARD
		Helicopter & Equipment Supplied by.....	HELICOPTER FILM SERVICES

## MOROCCO UNIT

First Assistant Director .....AHMED ERIC HATIMI  
 Second Assistant Directors ..... YANN-MARI FAGET  
 HAMZA REGRAGUL  
 Crowd Second Assistant Directors ..... DALLAN SHOVLIN  
 KATHARINA HOFMANN  
 Production Supervisors ..... DRISS GALDI  
 MARK LAYTON  
 Production Coordinators ..... REBECCA IOANNOU  
 KHADIJA KOULLA  
 Assistant Production Coordinator.....BOUCHRA BENTAYEB  
 Third Assistant Directors ..... MOHAMED AABACH  
 OUMAIMA ELACHGAR  
 Stunt Performers  
 ABDELAZIZ ATTOUGUI ..... ESSADIK SAMALI  
 AIMAD MGHAR ..... YOUSSEF MARCHOUKI  
 TARIK NBEZARI  
 Crowd Marshalls  
 YOUSSEF TAKI ..... MOHAMMED AMINE CHTAIBI  
 TOUYER JANNA MOHAMMED ..... BRAHIM BENKHADA  
 KHALID EL ADNANI ..... FARES MOHAMED  
 MOHAMED AKRAM OUCHATER  
 Production Assistants  
 MEHDI AANDAM ..... ADAM FASSI-FIHRI  
 CHALMAE HNAYNOUCH ..... KARIM EL KORCHI  
 FATIMA MOTOUSSE ..... SALAH RAKOUCH  
 YOUSSEF TANAJI  
 Head of Crowd Casting..... MOUNIR SAGUIA  
 Key Assistant Casting..... MOHAMED AGHROUD  
 Casting Assistant..... REDOUANE MIFTAH  
 Shipping Coordinator .....WIDAD TAHA  
 Production Accountant ..... MYRIAM LOUKILI  
 Assistant Shipping Coordinator..... RAJA KHEZRAJI  
 First Assistant Accountant ..... ABDESALLAM AIT ABDELLAH  
 Assistant Art Directors..... ISSAM JABIR  
 ABDELLAH BAADIL  
 Second Assistant Accountant..... ANIS EL MOUBARIK ALAOUI  
 Graphic Designer .....TARIK EL ASMAR  
 Assistant Accountant..... BRAHIM KODSI  
 Sign Writer..... HAMID RAFIQ  
 Costume Supervisor .....ZINEB EL IDRISSE  
 Crowd Costume Supervisor ..... KARIM AKKELACH  
 Costume Coordinator ..... SARA KHABIR  
 Costume Assistant ..... ADAM BELMEJDOUB  
 Costume Dyers/Agers .....MUSTAPHA BELLARI  
 ISMAIL BAMOUH  
 ADIL EL FATA  
 ZOUBAIR AJEDIGUE  
 Costume Tailors/Cutters  
 MALIKA BLENZAR ..... RACHID ETTALIBI  
 CHAFIKA KHANOUS ..... M'HAMED ABRAM  
 Costumers  
 MOHAMED FALAHI ..... FATIMA MADDOUN  
 MOHAMED IMIDDIOUEN ..... KHALID DJAJI  
 MOHAMED BOUKHOUIMA ..... AFIFA TAMLI  
 MOUHCIN MOJATI SELAMA ..... EL HOUSSAINE DIMRI  
 Head of Makeup Department ..... HAYAT OULED DAHHOU

Makeup Assistants ..... AMINA AL HALHOU  
 ORLANDO PIERRE  
 PHILIP GARSARD  
 MOR Head of Hair Department .....SALIAM OULED DAHHOU  
 Hair Stylists ..... HIAD ADIL  
 TRIBAK MECHICHI SOUAD  
 Construction Manager ..... LAHCEN EL OURTI  
 Lead Carpenter ..... RASHAD ZEIDAN  
 Painters.....AHMED LEMTAAD  
 NOUH OURTI  
 ABDELLAH KARKASSE  
 MARZOUG MOHAMED  
 Carpenters  
 ABDELLAH KABOUS ..... MOHAMED ZAHIR  
 LAHCEN EL OURTI ..... BARTAL ISMAIL  
 AHMED ZAOUAL ..... REDOUAN BOURIK  
 Best Boy Electrician ..... MOHAMED CHANTOUFI  
 Electricians ..... ALAMI MOHAMED SAHOUI  
 IBRAHIM BOUAA  
 COVID Supervisor ..... RACHID GAIDI  
 COVID Unit Manager..... OTHMANE BADAOU  
 COVID Coordinator.....BADR LARAQUI  
 COVID Testing Coordinator .....OUMAIMA WAHID  
 COVID Compliance Officer.....SAID ERRIFAAI  
 COVID Testing Secretaries ..... ALI HAKAM  
 EL MAHDI KORCHYOU  
 Unit Doctor .....MUSTAPHA OIKIL  
 Unit Nurse .....GHITA OURDA  
 Nurses  
 HAJAR MAZOUZ ..... FATIHA ZAYYOU  
 SAFAE ELYARMANI ..... GHITA ALT HAMMOU  
 SAMIA EZ ZHARL ..... OUMAIMA FILALI  
 COVID Production Assistants  
 ZOUBIR CHARKAOUI ..... MOHAMED KHABIR  
 YASSINE AFRACHE ..... IBRAHIM ERRAQI  
 WIAM RACHIDI ..... KENZA SALAH EDDINE  
 GHARMILI ILIAS ..... LAMIAE BENMADANI  
 Veterinarian ..... ABDELGHAFOUR BELARABI  
 Animal Wrangler ..... YOUNESS BEN BAKRIM  
 Key Location Manager ..... OMAR DRIOUCHE  
 Key Unit Manager..... FAICAL HAJJI  
 Location Manager..... KHALID BOUSLAMTI  
 Unit Manager ..... IMAD EL GHAZI  
 Assistant Location Managers  
 REDOUANE FIHI MOULAY ..... AHMED EL BILK  
 MOULAY AHMED EL BILK ..... YASSINE SOUMANI  
 AZIZ AJALAH ..... MOHSSINE MANNAN  
 ADIL HAJJI ..... MHAMED DOUHA  
 YOUSSEF HAJJI ..... NASSIM DRIOUCHE  
 RACHID DERROUICH  
 Location Coordinator ..... MOHAMED MAHMOUD  
 Base Camp Manager ..... AHMED AIT M'BAREK  
 Location Electricians ..... ABDELHAKIM OUISKI  
 ABDELLATIF EDARRAZ  
 Assistant Base Camp Manager ..... ABDERRHIM AMIRATE  
 Security Supervisor ..... CHAS CHARLTON  
 On Set Manager ..... SAMIR BENAYYAD

Location Lock-off Assistants

RACHID CHOUTRIK MOHAMMED OUIKANE  
 ISMAIL BADDOU MLY HICHAM LAHBIBI  
 KARIM MOUJANE ABDELAZIZ BOUKDAM  
 ABDELALI BAHADI ABDELLAH MOUDNIB  
 ALI AKAJJAJ ABDENNOUR EL MORO  
 Picture Vehicles Coordinator..... MOUNIR BADIA  
 Picture Vehicles Assistants..... MOHAMED ELBAKKALI  
 LABCHIR YOUNESS  
 HASSAN BOUKHARI  
 Picture Vehicles Car Technician .....JILALI ESSAQY  
 Action Vehicles Mechanic .....SAID CHAGDALI  
 Action Vehicles Welder ..... AZIZ LAAFOU  
 Assistant Props Master ..... AMIN RHARDA  
 Chargehand Props ..... ABDELGHANI DARIF  
 MOHAMED MEZOUARI  
 Props Buyer.....MOHAMED BOUHFID  
 Stand-by Props ..... ANASS LFNATSA  
 YOUSSEF BARIGOU

Dressing Props

MOHAMED ABDECHAFFY RADOUANE EZZAHIR  
 MOHAMED ZARZAR HAMID BOUGTIFA  
 ABDELAH BOUGHTIFA ABDELGHANI DARIF  
 SAID RASSOURANCE MOHAMED EL BARJ  
 Props Maker ..... MOHAMED CHATMA  
 Props Storekeeper ..... RAJA ACHOUKHANE  
 Props Agers/Painters..... HAFSA RAADA  
 ISMAEL KARMOUN  
 QASSEM BENHAYOUN SADAFI  
 Set Dec Swing Gang .....HAMD AGOURAM  
 MOHAMED MEZOUARI  
 Set Decorator..... ABDENBI IZLAGUEN  
 Set Dec Buyer..... IMAD QUASI  
 Transport Manager.....MIKE O'SHEA  
 Assistant Transport Manager .....COLM LAWLOR  
 Transport Coordinator ..... NABIL JALIL  
 MOR Second Unit Driver ..... ABDERRAHIM TAHIRI  
 Transport Captain..... NAOUFAL AIT MOUDOUD  
 MOR Fuel Monitor..... REDOUAN ZIDANI  
 Transport Office Coordinators .....KATY ANDERSON  
 SANAE AMZAZ  
 MOR Base Camp Transport Assistant..... AMINE BOUZIAN

Transport Assistants

IAN BROWN DAVID GLEESON  
 BERNARD LUCAS AZIZ JALAL  
 JAMAL MACHICHI JAOUAD TAKHCHI  
 SFX Supervisor..... HANIN OUIDDER  
 SFX Workshop Welders.....TIP ABDERRAHIM  
 AIT ABDERRAHMEN ABDELLAH  
 SFX Buyer..... ISMAIL AIT LAHCEN MOR  
 SFX Floor Technician ..... BELAID AIT FOUGDAL

AUSTRIA PLATE UNIT

Production Services - LEON Films..... ERNST VOGEL  
 Insert Car Team .....ROMAN SCHNELLER  
 KRZYSZTOF CHEBLINSKI  
 Location Manager.....PEREGRIN RAMML  
 Production Drivers ..... MARIAN STEMSCHEGG  
 STEFAN CHRISTANDL

Production Assistant ..... JULIA PROSCH  
 Helicopter Services..... HELI AUSTRIA GMBH

SONGS

"LILI MARLEEN"

Written by HANS LEIP and NORBERT SCHULTZE

"MAGICAL MYSTERY TOUR"

Written by JOHN LENNON and PAUL MCCARTNEY  
 Performed by THE BEATLES  
 Courtesy of CALDERSTONE PRODUCTIONS LIMITED  
 (A DIVISION OF UNIVERSAL MUSIC GROUP)  
 and APPLE CORPS LIMITED  
 Under license from UNIVERSAL MUSIC ENTERPRISES

"SPACE ODDITY"

Written and Performed by DAVID BOWIE  
 Courtesy of RZO MUSIC

"THE GIRL FROM IPANEMA"

Written by ANTÔNIO CARLOS JOBIM,  
 VINÍCIUS DE MORAES and NORMAN GIMBEL  
 Performed by STAN GETZ and JOÃO GILBERTO  
 featuring ASTRUD GILBERTO  
 Courtesy of THE VERVE MUSIC GROUP  
 Under license from UNIVERSAL MUSIC ENTERPRISES

"PULSE OF THE CITY"

Written by WILLIAM ROSS

"FLY ME TO THE MOON"

Written by BART HOWARD  
 Performed by TOM JONES  
 Courtesy of CHRYSALIS COPYRIGHTS LTD.  
 Under license from BMG RIGHTS MANAGEMENT (US) LLC

"CHOMBO MERINGUE"

Written by RAYMOND CELINI and MICHEL NERPLAT  
 Performed by LES AIGLONS DE BASSE TERRE  
 Courtesy of SOUNDWAY RECORDS

"LA FOGARACCIA"

Written by GIOVANNI ROTA  
 Performed by NINO ROTA  
 Courtesy of CREAZIONI ARTISTICHE MUSICALI C.A.M. S.R.L.  
 and DECCA MUSIC GROUP LTD.  
 Under license from UNIVERSAL MUSIC ENTERPRISES

"I SCREAM, YOU SCREAM, WE ALL SCREAM FOR ICE CREAM"  
 Written by HOWARD JOHNSON, ROBERT KING and BILLY MOLL

Soundtrack Available on



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CBS/VERITONE

Footage Provided by  
SID & MARTY KROFFT PICTURES

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The Filmmaker wishes to express his gratitude to  
ERIKO NAKAMURA  
for Wisdom and Creative Counsel

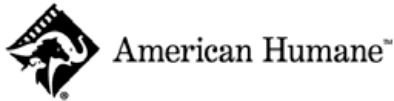
The Filmmaker also wishes to express profound thanks to  
ALEXANDER MACKENDRICK  
MILOS FORMAN  
CONNOR MANGOLD  
HUDSON MANGOLD

Special Thanks to  
DR. FREDRIK HIEBERT  
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JOHN GRAYDON  
NIGEL WALDE  
ISLA MACGILLIVRAY  
and

THE FAMILIES OF OUR CREW AND CAST FOR  
THEIR PATIENCE AND GENEROSITY

In Memory of  
NIC CUPAC

American Humane monitored some of the animal action.  
No animals were harmed® in those scenes. (AH 11541)



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**MPA**



**ATRIS**

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AFFILIATED WITH  
A.F.L.-C.I.O.-C.L.C.

Filmed at PINEWOOD STUDIOS, LONDON, ENGLAND  
Produced with the support of the British Film Commission  
and the UK Government's Film Tax Relief.

This film has benefitted from production support  
from the Kingdom of Morocco



With the participation of the  
Film or Video Production Services Tax Credit

Canada 

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



Supported by the Australian Government  
through the PDV Offset



Australian Government

VFX Produced in part in Sydney, New South Wales, Australia  
with the assistance of the New South Wales Government



Digital and Visual Effects work undertaken in South Australia  
with the support of the South Australian Film Corporation



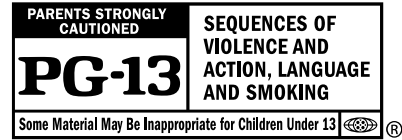
The film benefited from the French Tax Rebate  
for International Production



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# INDIANA JONES

and the  
DIAL OF DESTINY

From acclaimed writer-director James Mangold comes the final chapter in the saga of one of cinema's greatest heroes. *Indiana Jones and the Dial of Destiny* sees Academy Award®-nominated actor Harrison Ford reprise his iconic role as the whip-smart archaeologist one last time for a thrilling, globe-trotting adventure.

It's 1969, and Indiana Jones is ready to call it quits. Having spent more than a decade teaching at New York's Hunter College, the esteemed professor of archaeology is preparing to retire to his modest apartment where, these days, he lives alone. Things change after a surprise visit from his estranged goddaughter Helena Shaw (Phoebe Waller-Bridge), who is seeking a rare artifact that her father entrusted to Indy years earlier—the infamous Archimedes Dial, a device that purportedly holds the power to locate fissures in time.



An accomplished con-artist, Helena steals the Dial and swiftly departs the country to sell the artifact to the highest bidder. Left with no choice but to go after her, Indy dusts off his fedora and leather jacket for one final ride. Meanwhile, Indy's old nemesis, Jürgen Voller, a former Nazi now working as a physicist in the U.S. space program, has his own plans for the Dial, a horrifying scheme that could change the course of world history.

Starring alongside Harrison Ford are Phoebe Waller-Bridge ("Fleabag"), Antonio Banderas ("Pain and Glory"), Karen Allen (*Raiders of the Lost Ark*), John Rhys-Davies (*Raiders of the Lost Ark*), Shaunette Renée Wilson ("Black Panther"), Thomas Kretschmann ("Das Boot"), Toby Jones ("Tinker Tailor Soldier Spy"), Boyd Holbrook ("Logan"), Olivier Richters ("Black Widow"), Ethann Isidore ("Mortel") and Mads Mikkelsen ("Another Round").

Directed by James Mangold ("Ford v Ferrari," "Logan"), the film was written by Jez Butterworth & John-Henry Butterworth and David Koepp and Mangold, based on characters created by George Lucas and Philip Kaufman. Kathleen Kennedy, Frank Marshall and Simon Emanuel served as the film's producers, with Steven Spielberg and George Lucas as executive producers.

John Williams, who has scored each Indy adventure since 1981's *Raiders of the Lost Ark*, composed the score. The production's below-the-line talent includes director of photography Phedon Papamichael ("Ford v Ferrari"); production designer Adam Stockhausen ("West Side Story"); film editors Michael McCusker, Andrew Buckland and Dirk Westervelt ("Ford v Ferrari"); costume designer Joanna Johnston ("Lincoln"); visual effects supervisor Andrew Whitehurst ("Ex Machina"); and visual effects producer Kathy Siegel.

*Indiana Jones and the Dial of Destiny* races into theaters June 30, 2023.

## IF ADVENTURE HAS A NAME ... IT'S INDIANA JONES

There's no question that Indiana Jones remains one of the most beloved characters ever brought to the screen: the American Film Institute ranked the adventurer as the second greatest movie hero of all time—only Gregory Peck as Atticus Finch in “To Kill a Mockingbird” could top him. Yet it's simply hard to imagine Indy would have enjoyed the same staying power in the cultural consciousness without Harrison Ford in the battered brown fedora.

The moment Indy appeared on screen for the first time in Steven Spielberg's 1981 landmark *Raiders of the Lost Ark*, it was obviously the perfect marriage of character and star. With his rugged, rough-around-the-edges masculinity, Ford was undeniably charismatic yet also deeply, endearingly charming. He deployed a knowing smirk at all the right moments and escaped seemingly impossible scrapes through some combination of ingenuity, resourcefulness and just plain luck.



Of all the indelible characters Ford has portrayed, he's always felt a special affinity for Indiana Jones, and the actor would periodically ask producers Kathleen Kennedy and Frank Marshall about potentially reprising the role one last time. “Harrison loves this character as much as the audience, and he didn't want to see it end,” Kennedy says. “He kept asking ‘Is there another story?’”

To find the answer, Kennedy, Ford and Spielberg turned to James Mangold, the masterful storyteller behind such critically acclaimed, commercially successful films as “Walk the Line,” “Logan,” and “Ford v Ferrari.” A two-time Academy Award® nominee, Mangold had extensive experience telling emotionally satisfying stories about historical figures from Johnny Cash to Carroll Shelby, and he was equally adept with dramatic tales about outsider figures. His movies, which often centered on captivating, conflicted protagonists, were always expertly crafted, uniquely thought-provoking, and keenly entertaining.

“I think all of us involved have recognized for a long time that Jim is an exceptional filmmaker,” says Kennedy. “He's also one of those rare filmmakers who really studies movies. He is a scholar when it comes to talking about movies. The minute Jim's name came up, Harrison was already 100 percent on board. That meant a lot to me. It meant a lot to Steven. It meant a lot to Frank [Marshall].”

Already personally acquainted with Mangold, Ford says it was the writer-director's body of work that underlined why he was the right person to take the reins from Spielberg on the final *Indiana Jones* adventure. “There are a lot of aspects of Jim Mangold's filmmaking skill that I admire,” Ford says. “But as a storyteller, he's got a particular perception, born of his own experience, understanding, and his ambition is consistent with the ambition that we've had all the way through this series of films to create large-scale entertainment with a kind of wry humor and an emotional reality that engages the audience.”

Says Spielberg: “He was a director who shared my sensibilities about editing, pacing, character development, balancing scenes. I thought, If I don't do another *Indiana Jones* movie, James Mangold should.”



Echoed Marshall, “Jim was so knowledgeable about the character of Indiana Jones and the series and what makes it work. Based on the work he had already done and the movies he had made, we really felt confident that he was the right person to do this.”

For Mangold, the experience of watching *Raiders* as a 17-year-old at the Orange County Mall in upstate New York on opening day—June 12, 1981—is one he’s never forgotten. He was riveted by the rollicking spirit of the classic adventure, which borrowed styles and techniques from the early decades of the cinematic artform. It was an equal mix of chases, cliffhangers, fisticuffs, romance, and wit, with a uniquely modern sensibility.

However, Mangold’s abiding love and respect for what Spielberg had created was exactly why he was initially hesitant to sign on. He only agreed to step behind the camera once he knew he would have the time to craft a compelling adventure worthy of the *Indiana Jones* series: *Raiders*, 1984’s *Indiana Jones and the Temple of Doom*, 1989’s *Indiana Jones and the Last Crusade* and 2008’s *Indiana Jones and the Kingdom of the Crystal Skull*, all of which were directed by Spielberg.



Setting to work on a script, he reunited with “Ford v Ferrari” screenwriters Jez and John-Henry Butterworth, the acclaimed duo whose filmography also includes “Fair Game,” “Get on Up,” and “Edge of Tomorrow.” In conceptualizing the story, they understood it was vitally important to preserve all the qualities that made Indy such a flashpoint for generations of moviegoers.

“Indiana Jones is a character that always surprises us,” Mangold says. “He can be selfish, he can be empathic, he can be brave, he can be a coward. And Harrison holds all these contradictory elements together. Indiana Jones is not a Greek hero on Mount Olympus, he’s a very human character. I think all his eccentricities and anxieties and neuroses and foibles are part of his appeal. But he does have a superpower, and it’s that he’s incredibly lucky.”

While they sought to honor the character, they also felt it was important to offer audiences something exciting and new. Additionally, they wanted to acknowledge the character’s age, given that Ford would be (an admittedly spry) 79 during the shoot. So, they set the movie at the end of the 1960s, an era when an adventurous Greatest Generation hero inspired by the classic movie serials of the 1930s and ’40s would feel like a bit of a relic himself.



“The obvious challenge is that you’re returning to a genre without re-casting,” says Jez Butterworth. “You’ve got the same actor who was playing this in his thirties playing it in his late seventies. I think that what had been perceived perhaps as a disadvantage was all the advantage. You had to absolutely run with the idea that what happens toward the end of people’s stories [can be just as fascinating] as what happens at the beginning of them. It

started to feel authentic, and it gained a reality that was playable. If you embrace the opportunity, all sorts of storytelling doors open up.”

The approach strongly resonated with Ford, who felt it aligned with his innate understanding of the character. “We haven’t avoided the fact that Indy has aged 40 years over the period we’ve been telling his story—we’ve embraced it,” Ford says. “We faced the challenges he faced, and we’ve brought a real humanity and warmth to the story. It’s a remarkable job of imagination that’s been performed to conceive the context that the story takes place in. Very bold. Very exciting. Very courageous.”



When the film opens, it’s the end of the line for Indiana Jones. As he prepares to retire from teaching, he finds himself spending his nights alone in a modest New York apartment. “The Indiana Jones we meet in 1969 is the result of the experience that we’ve had with him throughout the other films,” Ford explains. “This is what happens when you’re a broken-down archaeologist/professor and you’re frustrated in your career and it’s your last day

on the job before retirement and you maybe occasionally have a drink in the middle of the day. He’s dispirited, he’s cynical, he’s hurt, but the circumstances that are about to befall him lead to a great adventure in which there is a degree of redemption but renewal as well.”

Explains Mangold, “I wanted to start Harrison’s character as far from being Indy as we could, so that the audience would feel the elation when circumstances force him to pull that hat on again. 1969 is a time where no one really believes in heroes like Indiana Jones anymore. In many ways, the adventure we’ve concocted is a reckoning between an old-school hero and an ambivalent and ever more cynical modern world.”

The sought-after artifact that drives the narrative, the Archimedes Dial, was inspired by a real-world artifact, the Antikythera mechanism. A mechanical device thought to be used in ancient Greece to calculate and display information about astronomical phenomena, it’s been described as the oldest known example of an analog computer.

“The moment I knew the movie was about time, opportunities missed, opportunities lost, choices made, irrevocable mistakes, then the question [became], ‘What would be the only thing that would allow me to fix time itself?’” explains Mangold. “The research that I found about the Antikythera, rumored to be an invention by Archimedes, has been speculated to be a kind of time compass.”

The writers did take the liberty of investing their version of the Antikythera mechanism with a little extra magic to make it the perfect MacGuffin for the story. “Archimedes’ Dial, big, bold concept,” Ford says. “I think it was a genius choice. Other items that we’ve used in the other films always had a religious aspect to them—Sankara Stones, the Holy Grail, Ark of the Covenant. But this was fooling with the nature of science.”

Resolving to retrieve the item, Indy leaves New York behind to recapture the Dial, but he’s not the only party pursuing Helena. Indy’s old nemesis, Jürgen Voller, is after her too, in the hopes of intercepting the Dial. “The best villains in *Indy* movies are Nazis,” says John-Henry Butterworth. “If you write down a wish list of what you want to see in an *Indy* film, it’s Indy slugging it out with Nazis, and eventually prevailing. It was kind of like a crossword clue to try to work out how to fit that into the time frame that we wanted the main story to take place in.”

To that end, the filmmakers created an action-packed prologue set in 1944 in which a younger Indy does battle with Nazi enemies. “In this case doing a sequence—and a really elaborate one—with Indiana at his prime fighting

Nazis would be a kind of miracle,” Mangold says of the writers’ thinking. “It would allow the audience to remember something they might not have seen for a while. I felt like I wanted the chance to make a movie with a young Harrison. The ambition in me wanted a crack at it, so we wrote a sequence, a kind of elaborate adventure that opens the film.”



As *Indiana Jones and the Dial of Destiny* was coming together, Mangold frequently consulted with executive producer Spielberg, who was working on his own directorial pursuits, including 2022’s intensely personal family drama, “*The Fabelmans*.” Alongside producers Kennedy, Marshall, and Simon Emanuel (*Rogue One: A Star Wars Story*, *Solo: A Star Wars Story*) and fellow executive producer George Lucas, Spielberg shared creative ideas for the adventure with Mangold, who welcomed his input on all aspects of the production.

“His instincts and eye for story and staging are incredible,” Mangold says of Spielberg, adding, “The biggest thing Steven said that resonated with me every day was about pace—that effectively making an *Indiana Jones* movie is like making a feature-length trailer. The movie can only stop so long because the whole movie itself is almost like a coming attraction trailer that just goes for two hours. And that simple aphorism, that simple idea stayed with me.”

## CASTING ‘DESTINY’

From the start, there was never any doubt that it would be Ford returning as Indiana Jones. That fact enabled the filmmakers to assemble a gifted ensemble of supporting players who would match the actor’s consummate professionalism and skill, and who would be great scene partners for the vaunted performer.



“There’s always been this unique charisma to Harrison,” says Kennedy, who, along with Marshall, has produced every installment in the *Indiana Jones* franchise. “No one’s like him. Everything he does is a part of who he is. I don’t think there’s artifice around much of what he does. Clearly, he’s performing, but, as he would say himself, he’s playing. He’s pretending. He’s doing something that I think he did long before he even became an actor. I think that that’s always been at the core of his performances and why he’s so relatable.”

The pivotal role of Helena Shaw went to Phoebe Waller-Bridge, the three-time Emmy® Award-winning writer and actress famed for her highly acclaimed comedy “*Fleabag*.” The character demanded someone who could believably go toe-to-toe with Indy, and Waller-Bridge, whose credits also include a memorable turn as activist droid L3-37 in *Solo: A Star Wars Story*, was an ideal fit for the part.



Intelligent, charming yet dangerously unpredictable, Helena has been estranged from her godfather for years. “She’s fiercely independent, knows what she needs to survive, and she’s going to go and get it,” Waller-Bridge says. “All while she’s being very witty and funny.”

Mangold likens Waller-Bridge to great stars of Hollywood’s Golden Age like Katharine

Hepburn and Barbara Stanwyck. “I think that she’s unlimited,” says the director. “You know there’s a pretty damn clever Swiss watch operating behind those eyes, and you better be careful. She’s sharp and fast. So, who better to have Harrison jockeying with than someone with all that skill? One of the hopes you have for every movie is that there’s a kind of chemistry, a kind of music between your actors, and Harrison and Phoebe had a great dynamism together.”

Of Ford, Waller-Bridge says, “He is one of the most vibrant human beings I’ve ever met. He’s incredibly smart and very, very funny, makes exceptional acting choices and brings such a glorious energy to the set. He’s incredibly generous and kind and lovely. Whenever he’s around, everyone has a smile on their face.” Adds Ford, “Phoebe brings her rich comedic skills as well as her genuine warmth and humanity to the part. She’s an incredible actress.”

As Jürgen Voller, the filmmakers cast veteran Danish actor Mads Mikkelsen. Widely known for his work in blockbusters including “Fantastic Beasts: The Secrets of Dumbledore,” *Rogue One: A Star Wars Story*, “Doctor Strange” and “Casino Royale,” as well as the TV series “Hannibal,” Mikkelsen has also delivered memorable performances in such dramas as the Oscar®-winning “Another Round,” which featured the actor as a high school teacher in the grips of alcoholism. Mangold lauds Mikkelsen as “an extremely powerful, tenacious actor who committed to the role 100 percent.”



Although he’s clearly the villain of the piece, neither Mangold nor Mikkelsen ever wanted Voller to feel overly caricatured.

“We tried to avoid the cliché of the German or the Nazi with the extreme accent and the extreme madness,” Mikkelsen explains. “We wanted him to be a man who kind of blended in once he moved to America because he’s predominantly a scientist. Voller’s pragmatic. He’s a restrained character. He’s a man you would pass on the street.” Notes Ford, “Mads is an actor that I have tremendous admiration for, both for his energy and investment in the process.”



Stepping into the role of Voller’s neo-Nazi lackey Klaber was actor Boyd Holbrook, who previously worked with Mangold on “Logan” and has appeared in such films as “The Predator” and “Gone Girl” and TV series including “The Sandman,” “The Fugitive,” and “Narcos.” “He becomes Voller’s lapdog, but he’s also a bit of an opportunist, wanting to get in on the ground floor of this great enterprise that Voller is starting

up,” Holbrook says. “Klaber is there to serve those purposes.”

But Indy has some key allies on his side as well. Notes Mangold: “Part of what we expect in an *Indiana Jones* film is a tumbling menagerie of characters coming at us while they travel the world.”



Respected Spanish actor Antonio Banderas, a 2020 Academy Award® nominee for his role in Pedro Almodóvar’s “Pain and Glory,” plays Renaldo, a sailor friend of Indy’s to whom he turns when he needs the services of an expert diver in Greece. “Renaldo is a fisherman now, but he was probably a partisan who fought for freedom, maybe in the Spanish Civil War, maybe later in the Second World War,” says Banderas. “Renaldo is a courageous man, a little bit crazy but in a good way. And he’s a loyal friend to Indy. I think at this particular time in history, Indy needs that.”

John Rhys-Davies (“The Lord of the Rings” trilogy) returned to reprise his signature role as Indy’s longtime companion Sallah, the loyal and good-natured excavator from *Raiders of the Lost Ark* and *Indiana Jones and the Last Crusade*. When we meet him in *Dial of Destiny*, he’s made a home in the United States, earning a living as a New York City cab driver.

As warm and thoughtful as his character, Rhys-Davies was delighted to see Sallah ride with Indy once more. “It is wonderful being back, wonderful being in the orbit of that great sun,” he says, adding, “*Indiana Jones* didn’t just change my life—it actually changed the nature of film.” Notes Mangold of Rhys-Davies “He’s an actor of incredible gravity, yet he has this beautiful laugh and this sense of levity. And he’s a great foil for Harrison.”

Helena has her own helpful associate in Teddy, played by 16-year-old French actor Ethann Isidore in his feature film debut. Isidore, who was 14 during production, describes his character as “resourceful and kind of cool, and he knows how to act and how to be in every situation. He thinks he’s an adult and that he’s the best guy in the world, which is real. He doesn’t like Indiana Jones at first because he’s best friends with Helena. I think he has a crush on her.”



Helena’s father, Basil Shaw, who appears in the film’s nail-biting opening sequence, is played by British actor Toby Jones, known for his work in “Tinker Tailor Soldier Spy,” “The Hunger Games,” “Captain America: The First Avenger” and “Jurassic World: Fallen Kingdom,” among many other films.

Although the character has never before been depicted on screen, Basil is an archaeologist and an academic who taught at Oxford and is also one of Indy’s oldest and dearest friends—a man who was his “partner in crime” for decades. “There’s genuine affection between them,” says Jones of Basil and Indy’s rapport. “They obviously share a fascination with the past but also there’s enough emotion in the scenes that I have to show that he has great concern for me.”

That concern, however, is not necessarily enough to protect Shaw from Thomas Kretschmann's Colonel Weber, the man overseeing Hitler's operation to loot art and artifacts from Nazi-occupied territories and ship them to Germany. Although he was playing a formidable figure, the East German-born actor ("King Kong," "The Pianist," "U-571") found himself a bit cowed in his first scenes opposite Ford.

"Harrison's like my size, my height, he's very lean," says Kretschmann. "And he was sitting in front of me, and I was thinking, 'He's so big!' I felt like a child standing there with my Nazi uniform. It was almost a bit intimidating. He didn't do anything intimidating, but just, you know, his presence, that was awesome."

Completing the principal cast are Shaunette Renée Wilson ("Black Panther," "Billions") as Agent Mason, a CIA agent hunting for Indy; and Olivier Richters ("Black Widow," "The King's Man") as Voller's henchman Hauke.

## ***ABOUT THE PRODUCTION***

*Indiana Jones and the Dial of Destiny* was filmed on location in Morocco, Sicily, Scotland, and England, in addition to stages at Pinewood Studios just outside of central London. To work with him on the film, Mangold recruited an exemplary team of behind-the-scenes creative talent, a group that included production designer Adam Stockhausen, director of photography Phedon Papamichael, costume designer Joanna Johnston, special effects supervisor Alistair Williams and visual effects supervisor Andrew Whitehurst.

Together, they developed the movie's awe-inspiring visuals and its incredible action sequences, including the film's largest set-pieces: the 1944 train sequence; the horseback chase through a ticker tape parade that leads into New York's subway system; a frenzied tuk tuk chase through the streets of Tangier; a tension-filled underwater dive in Greece; and the film's spectacular climactic sequence.

To remain true to the feeling of an *Indiana Jones* film, the production visited North Africa, Sicily, and sites across the United Kingdom to capture the spectacular vistas as a backdrop for the transporting adventure. "It's critical," says Harrison Ford. "You want to go to many places around the world. You want to feel these places, you want to smell them, as it were. And so, we want as much as possible to have practical sets, practical locations where there's a different culture, where there's a different feeling to the place."



Adds production designer Stockhausen, an Oscar® winner known for his longtime partnerships with both Wes Anderson ("The Grand Budapest Hotel," "Moonrise Kingdom," "The French Dispatch") and Steven Spielberg ("West Side Story," "Ready Player One," "Bridge of Spies"), "I think that is core to what makes these movies special; it's different to be in a place than to pretend you're in a place. Being in a place brings all the authenticity of the real thing, and it brings all the surprises of being able to twist and turn around corners that you wouldn't have imagined to build into a set."

Still, Stockhausen strove to match the visual grandeur of the real-world locations with the massive and richly

detailed sets he constructed at Pinewood. The explosive opening sequence was a prime example of the way the film smartly married impressive locations—including England’s Bamburgh Castle and the North Yorkshire Moors Railway station—with Stockhausen’s inventive designs. The nighttime set piece sees the younger Indy attempting to rescue his friend Basil Shaw from Nazi captors while on board a moving train. “I wanted to give the audience what they want right up front so we indulge in this *Indiana Jones* classic experience,” Mangold says.

Stockhausen did exhaustive research into trains of the period, drawing inspiration from archival photographs for the individual cars. The commander’s communications carriage features walnut paneling and high-end fixtures and fittings, all inspired by Hitler’s wartime train, the Führersonderzug. The treasure carriage is a wooden freight wagon with reinforced windows and doors and contains a stash of rare objects that includes copies of some of the real art and antiquities plundered by the Nazis.

Among the items are recreations of the Lance of Longinus or the Spear of Destiny, which is believed to be the weapon that pierced the side of a crucified Jesus at Golgotha; there was also the Imperial Regalia of the Holy Roman Empire, which were stolen in 1938 and hidden in the tunnels under Nuremberg Castle until being recovered after World War II.



Of course, one of the most challenging aspects of the tremendously complex sequence involved de-aging the then 79-year-old Ford to appear as though he was age 37. Visual effects supervisor Andrew Whitehurst from Industrial Light & Magic (ILM) joined the filmmakers in early pre-production to help design all of the visual effects in the film; his goal being to bring exactly what was needed to serve the story without drawing undue attention to the

computer graphics (CG) elements, which included entire digital environments, multiple CG extensions to set builds and locations, complex creature animation, and simulations of natural weather phenomena.

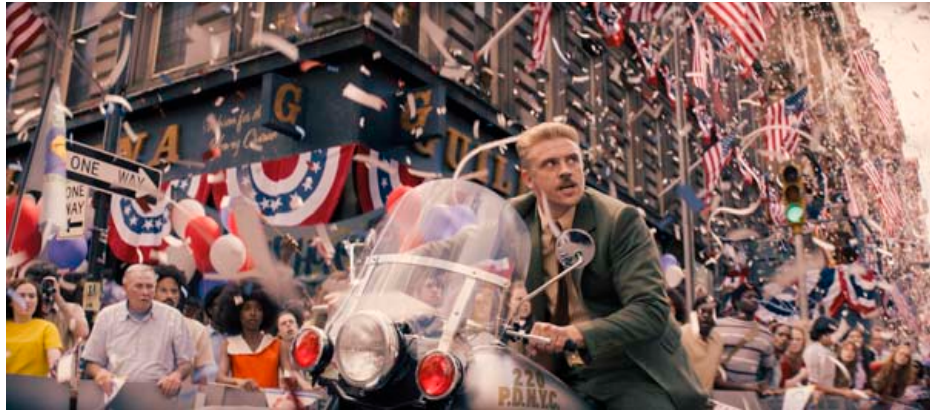
Still, turning back the clock on Indiana Jones himself was arguably the most challenging job for the visual effects team at ILM. If the end result didn’t look credible, the entire opening would fall flat. Fortunately, the effect was seamless.

To accomplish this, ILM utilized a combination of proprietary techniques that involved cutting-edge face replacement technology (ILM FaceSwap), which leverages every nuance of an actor’s performance. Through a combination of artistic skill and the use of artist-driven machine-learning tools, the facial performances made by Ford on set were mapped onto a digital version of the star’s face.

The artists at ILM had access to Lucasfilm’s vast archive of Harrison Ford footage from his starring turns in previous *Indiana Jones* movies, and by using the new technology and the catalog of archival imagery, they delivered a convincingly youthful Indiana Jones.

“ILM went about creating a system by which every day when I wrapped shooting this opening sequence, two days later, I already had in my cutting room, young Harrison,” Mangold says. “You could see that it was getting what he was doing, meaning it was coming from his soul. He was driving the expressions, the intensity, the passion of the character.”

Following the prologue, the film jumps in time to August 1969, when an estimated 4 million people lined the streets of Manhattan to fete NASA astronauts Neil Armstrong, Buzz Aldrin, and Mike Collins and celebrate the success of the Apollo 11 mission to the moon. Staging the parade and the chase that follows was an enormous challenge that required considerable on-the-ground preparation in Glasgow, Scotland, which doubled for Manhattan. “We needed a location for the chase and parade sequence through Midtown east and up towards Hunter College, and the scale of the buildings in Glasgow were really great for that,” Stockhausen says.



Stockhausen looked at period footage and photos, especially photographer Stephen Shore’s images of 1970s America, for inspiration on how to dress the streets and what vehicles to include in the parade. “We saw some really fun things in the photographs and footage that we ended up including in the scene,” he says. “Like a station wagon with the rear gate down and a camera crew—that kind of detail is a really fun thing to grab because it’s really specific, really authentic. It is the real thing. We added a few of our own things, parade floats and pieces that weren’t in the original, but the skeleton of it is really from the actual parade.”

Action vehicles supervisor Alex King was keen to include the 1952 Chrysler Imperial Parade Phaeton, which carried Armstrong, Aldrin and Collins through the ticker tape parade up Broadway. But only three versions of the car were ever made, so King was forced to procure a similar Chrysler, remove the roof, and paint it black.



The team spent three weeks dressing Glasgow’s main artery, St. Vincent Street, which was then closed to the public for seven days as filming took place. “You can’t walk into a downtown metropolitan area and just take it over for three months,” Stockhausen says. “You have to do your work in as compressed a period of time as you can possibly manage and then get out and let people get back to their lives. So, there was an incredible intensity for everyone to rush in and do all this dressing, put up all these signs, put up all this bunting. It was go-go-go.”

Fortunately, the weather cooperated. The shooting days—which employed up to 1,000 background actors as parade-goers and Vietnam War protestors—were bathed in blue skies and sunshine, a godsend for Papamichael, who felt that the sequence should be colorful and vibrant to contrast with the 1944 prologue. The shifting palette indicated how much the world had changed around Indy.

“Although it was all shot in Glasgow, it felt like we were really in New York in the late ’60s—the scale of it, the colors, the hippies, the pipers, the big band, the cheerleaders and the cars and police on horses,” Papamichael says. “The contrast couldn’t be greater than the sequence that precedes it. You explode from the night and the Nazis into





this whole new visual bouquet of colors and tone. It worked as a great visual device for a transition of time.”

A two-time Academy Award® nominee for his work on “The Trial of the Chicago 7” and “Nebraska,” Papamichael has collaborated with James Mangold on six films, including “Ford v Ferrari” and “Walk the Line.” Filmmaking is clearly in Papamichael’s DNA.

His father was a gaffer on the classic MGM musical “Singin’ in the Rain”; his grandfather, a prop man on John Huston’s “The African Queen.”

In both the film’s grandest moments and its most emotional scenes, Mangold and Papamichael were keen to pay homage to the work of Oscar®-winning British cinematographer Douglas Slocombe, who served as director of photography on the first three *Indiana Jones* films. “This movie has such a wide arc of visuals, which is the most fascinating part for me as a cinematographer,” Papamichael says. “What’s amazing about this is we enter all these different visual environments—from Morocco to Sicily to underwater—that all allow for their very own specific lighting and palette. There’s so much variety.”

The parade sequence itself required more than one approach. As the chase progresses, Indy finds himself, on horseback, riding underground through Manhattan’s subway tunnels, racing an oncoming train. For those scenes, Stockhausen created a full-scale replica of a subway station on Pinewood’s 007 Stage, the largest soundstage in the world, complete with paint and tile work that was aged to make the set feel as authentic as possible.

For that portion of the sequence, Papamichael developed a “grittier” approach to the lighting. “There’s less with the cinematic theatrical palette,” the cinematographer says. “It’s dialed back a bit, with a touch of ‘Taxi Driver’ or ‘The Conversation.’” (Notably, the latter film, directed by Francis Ford Coppola in 1974, featured Harrison Ford in a small yet memorable supporting role.)

“Gritty” was a word that was also used by costume designer Joanna Johnston to describe the brief she received from Mangold about how she should approach the characters’ wardrobe. “Jim wanted the designs to reflect a gritty realism,” Johnston says. “It was a less glamorous time. Because we’re now in the late ’60s, it wasn’t about stylization.”



Johnston, a two-time Academy Award® nominee (“Allied,” “Lincoln”), also wanted to honor the legacy of her former mentor, revered costume designer Anthony Powell. Johnston had worked under the three-time Oscar® winner (“Travels with My Aunt,” “Tess,” “Death on the Nile”) on *Indiana Jones and the Temple of Doom*, and she co-designed the costumes for *Indiana Jones and the Last Crusade* with him. “I felt strongly that I wanted to hold his torch through the film,” Johnston says of Powell, who died only a few days before *Dial of Destiny* began shooting.



Johnston hewed closely to the spirit of Indy's established wardrobe—the fedora and leather jacket were non-negotiable, of course. When Ford arrived to try on the old costume, he found he was able to slip right back into the character's signature look. "It's a short story," Ford says. "It fit." Adds Frank Marshall, "It was unbelievable. There we were standing around and suddenly, there's Indy."

Johnston developed complementary costumes for the other principal characters, including Waller-Bridge's savvy Helena and Mikkelsen's understated yet fiendish Voller. For Helena, Johnston created looks that were practical, mostly jackets and trousers, with a little bit of extra flair. When Helena's in action mode, she wears baggy masculine shirts, jodhpur-like trousers and boots.

"That was my favorite costume—I could basically live in that all the time," says Waller-Bridge, adding, "Helena's so many different things, but that's what created the challenge. Joanna really threaded it all the way through so brilliantly to make it feel like there is somebody who knows who she is and that comes through the clothes."



For Voller, Mikkelsen says that he and Johnston avoided anything that might appear too flashy. "We didn't want him to stand out," says Mikkelsen. "He's not in it for the vanity. But like Indiana Jones, he's a man of his time, so when we see him in the '60s, his look is reminiscent of him still being from the '40s."

When the story's action moves to Morocco, exteriors were shot on location in the city of Fez, while the lavish interiors of the Hotel L'Atlantique—where Helena goes to auction off her ill-gotten loot—were again built at Pinewood. Knowing that the hotel would be the site of a big, chaotic brawl, Stockhausen designed the space to accommodate the ambitious action. "The starting point for that was the nightclub sequence at the beginning of the second film [Temple of Doom], how beautiful that sequence was," explains the production designer.

The hotel brawl afforded Ford some classic Indy moments, with only quick-thinking and dumb luck saving his hide. "Harrison can play with your expectations of an action hero and undermine them, defeat the kind of macho tropes," Mangold says. "He finds more delight as an actor failing than succeeding."

As the filmmakers developed an approach to the physical action with stunt coordinator Ben Cooke ("Jurassic World: Dominion," "Casino Royale"), they wanted as many of the stunts as possible to be performed for real and to keep the feats of derring-do from straying too far over the top. That approach extended even to the breakneck tuk tuk chase, with the tiny vehicles, essentially motorized rickshaws, careening through the winding streets with motorcycles trailing behind.

Roughly a dozen tuk tuks were employed for the sequence, which culminates with Indy and company plummeting down a set of steep stairs, the vehicle miraculously coming to a rest with its occupants rattled but still alive. “Almost all the human action in the movie is for real,” Mangold says, with Ford adding, “I think it’s very important to maintain a human scale to action. Too much of something is too much. When you’re able to keep it to a physical reality with some embellishments, that feels real and more visceral for the audience.”

Sicily stood in for Greece, where Indy and Helena meet up with Indy’s old pal Renaldo and undertake a dangerous dive into vast caverns as they follow the trail of Archimedes. “You’re almost trying to think mathematically, what kind of arrangement have I not seen in an Indiana Jones movie?” Mangold says. “One kind of treasure hunting I felt I had never seen was underwater in a wreck. Just like in a cave, you could have underwater catacombs, treasure, traps, underwater animals.” (And naturally, those animals are eels, the closest possible creature to Indy’s mortal enemy, snakes.)



“These were all, without fail, inspiring experiences,” Mangold says. “And everyone had so much fun.”

Perhaps Ford most of all—his joy was exciting for the filmmaker to behold. “He is the definition of a movie star,” Mangold says of the legendary performer. “He knows the camera, he knows timing, he knows how cuts work. And that’s one of the real positives, beyond his incredible charm and his instincts. He’s a great actor, but he also understands what a movie is and how to make one.”



And how did Harrison Ford feel on the very last day of filming, saying goodbye to his truly iconic character some 40 years after he first donned the fedora and cracked the whip? “I was thrilled!” Ford says with a laugh. “I was really happy.”

“I’ll miss the people who I’ve worked with on the film—everyone at Lucasfilm, at Disney, Jim Mangold, and the actors,” Ford continues. “But I’m not going to miss Indy because he’s fulfilled his purpose, and I’m really happy to have seen it come around to the end. I felt good. I felt that we had made a film that the audience deserved. For those people who had been fans of the earlier films, had enjoyed seeing them, had shared them with their families, I feel confident that we’re going to knock their socks off with this one.”

## THE SCORE

The most revered living film composer in the world, John Williams again leant his genius to the *Indiana Jones* franchise, composing the score for *Indiana Jones and the Dial of Destiny* as he has for every installment in the series dating to *Raiders of the Lost Ark*.

“John Williams brings the special sauce to the movie—the music,” says producer Frank Marshall. “The themes that he writes for these movies are so recognizable and so identifiable with the movie, it’s just an amazing thing.”

Adds Mangold, “John Williams is a legend. He came up in the Golden Age of soundtracks. He played in the orchestras of Franz Waxman. He was a jazz musician in his 20s. He’s run the Boston Pops. He’s played around the world as a concert master. He’s one of my real artistic heroes in filmmaking, and he’s had such a profound and inspiring effect on so many careers and films.”



The five-time Academy Award® winner and 53-time nominee John Williams (“Jaws,” *Star Wars*, “E.T. the Extra-Terrestrial”) was excited to write music that would not only amplify the excitement of Indy’s last adventure, but would also underscore its most moving, deeply resonant emotional moments, including those at the very end of the film.

“What I tried to do is bring an aspect of nostalgia into this piece,” Williams says. “Indiana Jones is wonderful because Harrison Ford has this ability to do the most dramatic scenes with a slight tongue in his cheek or a twinkle in his eye. He does action-comedy dialogue as well as anybody ever could.”



Although Williams initially agreed to write just a few themes for the new film, once he began composing the individual pieces, he soon decided to write the entirety of the score. “I didn’t know if John would do the whole movie when I jumped on,” Mangold says. “I only prayed.”

Of all the new material he composed, Williams’ theme for Helena is a stand-out, featuring the outstanding contributions of violin soloist Anne-Sophie Mutter. “Jim Mangold said to me, write a theme for Helena that’s like some woman from the ‘40s or the ‘30s,” Williams says. “She’s adventurous with lovers here and

there—all the while doing all these things looking ravishingly beautiful.”

Notes Mangold of Williams’ traditional, and exceptional, approach to his artistry, “John creates melodic themes for the characters all written with a pencil, all written with notes. So many composers now have the film on a video, and they use a synthesizer, and the midi on the synthesizer turns it into notes. Then they hand it to an arranger who turns that into an arranged piece for orchestra. It all sounds really good—but John’s way sounds better.”

## ABOUT THE CAST

**HARRISON FORD (Indiana Jones)** has starred in some of the most successful and acclaimed films in cinema history, including the landmark *Star Wars* and *Indiana Jones* franchises and a total of eight Best Picture Oscar®–nominated movies. Ford has garnered a number of Best Actor award nominations including one Academy Award®, three Golden Globe® Awards and one BAFTA® Award.

Over the course of his illustrious career, Ford has also been repeatedly honored for his contributions to the film industry, including the British Academy of Film and Television Arts' Albert R. Broccoli Britannia Award, the Hollywood Foreign Press Association's Cecil B. DeMille Award, and the American Film Institute's Lifetime Achievement Award, in 2000. In 1994, the National Association of Theater Owners named him the Box Office Star of the Century.

Ford executive produced Annapurna's drama series, "The Staircase," a docuseries following the murder trial of Michael Peterson. Antonio Campos also served as an executive producer.

Ford can be seen starring in the AppleTV+ series "Shrinking," co-starring Jason Segel and Jessica Williams, and opposite Helen Mirren in the Paramount+ series "1923."

In 2020, Ford starred in the family adventure film "The Call of the Wild." Prior to that, in his first animated role, Ford voiced the no-nonsense farm dog Rooster in "The Secret Life of Pets 2" with Kevin Hart and Tiffany Haddish. Ford was also seen alongside Ryan Gosling in "Blade Runner 2049," the sequel to Ridley Scott's 1982 science fiction classic "Blade Runner," in which he starred. He reprised his role as Han Solo in Disney's *Star Wars: Episode VII—The Force Awakens*, directed by J.J. Abrams. The film broke multiple box office records including highest-grossing domestic film of all time.

A native of Chicago, Ford launched his film career in 1973 with the breakthrough role of hot-rodder Bob Falfa in George Lucas' seminal hit, "American Graffiti." Four years later, he reunited with Lucas to play the iconic role of Han Solo in *Star Wars: Episode IV—A New Hope*. The sci-fi epic earned 12 Oscar® nominations, including Best Picture, and went on to become the top-grossing film in history, a record it held for 20 years. Ford reprised the role of Han Solo in the sequels *The Empire Strikes Back* and *Return of the Jedi*.

In 1981, Ford created another legendary screen character, Indiana Jones, in Steven Spielberg's Oscar®-nominated mega-hit *Raiders of the Lost Ark*. During the 1980s, he starred in the blockbuster sequels *Indiana Jones and the Temple of Doom* and *Indiana Jones and the Last Crusade*. In 2008, he returned to the title role in the hugely successful *Indiana Jones and the Kingdom of the Crystal Skull*.

Ford's many other film credits include Francis Ford Coppola's Oscar®-nominated features "The Conversation" and "Apocalypse Now"; Mike Nichols' Oscar-nominated romantic comedy "Working Girl"; the title role in the Nichols-directed drama "Regarding Henry"; Alan J. Pakula's "Presumed Innocent" and "The Devil's Own"; Phillip Noyce's "Patriot Games" and "Clear and Present Danger," both based on the Tom Clancy bestsellers; Wolfgang Petersen's "Air Force One"; Robert Zemeckis's "What Lies Beneath"; Kathryn Bigelow's "K-19: The Widowmaker," which he also executive produced; Roger Michell's "Morning Glory"; Jon Favreau's "Cowboys & Aliens"; Robert Luketic's "Paranoia"; Brian Helgeland's "42"; Lee Toland Krieger's "The Age of Adeline"; and Gavin Hood's "Ender's Game."

Ford currently serves as vice chair of the board of directors for Conservation International, a nonprofit group that protects biodiversity in trouble spots internationally. He has been a member for over 25 years.

**PHOEBE WALLER-BRIDGE (Helena)** is a multi-award-winning writer and actor, known for the BBC Three/Amazon series “Fleabag,” which she starred in, created and produced. Waller-Bridge won three Primetime Emmy® Awards for the second season, including Best Comedy Series, Outstanding Lead Actress in a Comedy Series and Outstanding Writing for a Comedy Series. She also won two Golden Globe® Awards (Best Actress—Television Series Musical or Comedy and Best Television Series—Musical or Comedy), two Critics Choice Awards (Best Actress in a Comedy Series and Best Comedy Series) and a Screen Actors Guild Award® (Outstanding Performance by a Female Actor in a Comedy Series), in addition to a BAFTA Television Award for Best Female Performance in a Comedy Program.

Waller-Bridge is currently writing and developing a new series for Amazon Prime Video based on the popular video game turned action movie “Tomb Raider.”

As a writer and producer, Waller-Bridge is known for her work on season one of the critically acclaimed BBC America series “Killing Eve.” She contributed to the script of the latest James Bond film, “No Time to Die,” which released in October 2021 and was the fourth-highest grossing film of that year. It earned a BAFTA nomination for Outstanding British Film. On television, she has been seen in “Crashing,” which she also wrote; “Broadchurch”; and “Run,” which she executive produced with Vicky Jones. On film, Waller-Bridge has appeared in Solo: A Star Wars Story, “Goodbye Christopher Robin” and “The Iron Lady.”

A graduate of the Royal Academy of Dramatic Arts, her debut play “Fleabag” earned a 2014 Olivier Award nomination and a Special Commendation from the Susan Smith Blackburn Prize for 2013-2014. In addition to the hit television series, the play spurred celebrated Off-Broadway and West End runs of the production (Lucille Lortel, Drama League, Drama Desk and Olivier Award nominations), and the publication of “Fleabag: The Scriptures.” Waller-Bridge has established her own production company, Wells Street Films, and serves as the co-artistic director of DryWrite Theatre Company.

**MADS MIKKELSEN (Jürgen Voller)** has had great success in film in both his native Denmark and in Hollywood with leading roles in a wide range of films.

Most recently, Mikkelsen starred in the Warner Bros. film “Fantastic Beasts: The Secrets of Dumbledore” (2022).

Prior he starred in the Academy Award®-winning film “Another Round” (2020). Mikkelsen received a BAFTA Award nomination and a European Film Award for the film, which marked Mikkelsen’s return to Danish cinema. This was his second film with director Thomas Vinterberg, following his searing lead performance in the award-winning “The Hunt” (2013), which won him the prize for Best Actor at the Cannes Film Festival.

Mikkelsen also starred in in Anders Thomas Jensen’s “Riders of Justice” (2020) which reunited Mikkelsen with Jensen, with whom he has worked several times. Mikkelsen received the Lifetime Achievement Honorary Heart of Sarajevo Award at the 26th Sarajevo Film Festival the same year.

Mikkelsen’s additional film credits include “Arctic” (2019), “Polar” (2019), “Doctor Strange” (2016), *Rogue One: A Star Wars Story* (2016), “Casino Royale” (2006), “King Arthur” (2004), as well as the title role in the celebrated TV series “Hannibal” (2013-2015). In 2011, Mikkelsen received the European Film Award for his contribution to World Cinema and presided on the 2016 Cannes jury.

Mikkelsen was also seen in the action video game “Death Stranding” (2019) from game designer Hideo Kojima, where he provided the voice, appearance, and motion capture for the character Clifford Unger. His work earned

him the award for Best Performance at The Game Awards in 2019.

Upcoming, Mikkelsen will star in “The Bastard” for director Nikolaj Arcel.

Mikkelsen has had prominent roles in Danish films such as “Men & Chicken” (2015), the international smash hit and Oscar®-nominated “A Royal Affair” (2012), and Susanne Bier’s “After the Wedding” (2006), which was also nominated for an Academy Award®. He has also headlined several of Anders Thomas Jensen’s modern classics, including “Adam’s Apples” (2005), “The Green Butchers” (2003), and “Flickering Lights” (2000). Apart from his cinema career, Mikkelsen also appeared in the Emmy® Award–winning series “Unit One” (2000-2004).

Mikkelsen trained at Aarhus Teater’s Drama School, graduating in 1996, and received his breakthrough in Nicolas Winding Refn’s debut film, “Pusher” (1996). Their collaboration continued through “Bleeder” (1999), “Pusher II” (2004) and “Valhalla Rising” (2009).

Next Mikkelsen will reunite with “Hannibal” creator Bryan Fuller in the horror film “Dust Bunny.”

Since his introduction to American cinema, **ANTONIO BANDERAS (Renaldo)** has become one of the leading international actors of his generation. He has received critical praise for his performances in film, television and theater, as well as behind the scenes as a director. In 2005, he was honored with a Star on the Hollywood Walk of Fame.

In 2020 Banderas received Academy Award® and Golden Globe® nominations for Best Actor for his compelling portrayal of Salvador Mallo in Pedro Almodóvar’s autobiographical drama “Pain & Glory.” He also won Best Actor at the 2019 Cannes Film Festival and Best Actor at The New York Film Critics Circle Awards for this incredible performance, as well as the Spanish Academy Goya award for Best Actor.

In 2019 Banderas launched Teatro del Soho CaixaBank with the Spanish language production of the classic musical “A Chorus Line,” in which he directed and starred. In 2021, he directed, produced, wrote and co-hosted the 35th Goya Awards in a live-streamed ceremony from his theater, and in 2022, he directed and starred in the Spanish language production of “Company.”

In 2018 he starred in National Geographic’s limited series “Genius: Picasso,” for which he received Emmy®, Golden Globe®, Critics Choice and SAG Award® nominations for Lead Actor in a Limited Series.

Banderas recently voiced the sequel to the animated film “Puss in Boots,” “Puss in Boots: The Last Wish,” which garnered an Oscar® nomination for Best Animated Feature.

His most recent films include the Spanish comedy/drama “Official Competition,” opposite Penélope Cruz and Oscar Martínez; “The Enforcer” for Millennium Media; the action adventure film “Uncharted” starring opposite Tom Holland and Mark Wahlberg; Steven Soderbergh’s “The Laundromat,” opposite Meryl Streep and Gary Oldman; “Dolittle,” alongside Robert Downey Jr., Emma Thompson and Rami Malek; and “Hitman’s Wife’s Bodyguard,” alongside Ryan Reynolds, Salma Hayek and Samuel L. Jackson.

In 1982, Banderas was cast by writer/director Pedro Almodóvar in “Labyrinth of Passion.” It was the first of eight films he would do with Almodóvar, some of the others being “Matador,” “Law of Desire,” “Women on the Verge of a Nervous Breakdown” and “Tie Me Up! Tie Me Down!” The international success of these films introduced him to Hollywood. He later starred in “The Skin I Live In” and “I’m So Excited,” both written and directed by Almodóvar.

Banderas has worked with some of Hollywood's best directors and leading actors in films including: Alan Parker's "Evita" opposite Madonna, for which he received his first Best Actor Golden Globe® nomination; Robert Rodriguez's "Desperado," opposite Salma Hayek, and its sequel "Once Upon a Time in Mexico," opposite Johnny Depp; "Original Sin" opposite Angelina Jolie; Martin Campbell's "The Mask of Zorro" opposite Catherine Zeta-Jones, for which he received his second Best Actor Golden Globe® nomination, and its sequel "The Legend of Zorro"; Brian de Palma's "Femme Fatale"; Neil Jordan's "Interview with the Vampire: The Vampire Chronicles" with Tom Cruise and Brad Pitt; Bille August's "The House of the Spirits" with Meryl Streep and Glenn Close; and Jonathan Demme's "Philadelphia," opposite Tom Hanks and Denzel Washington. He was nominated for his third Best Actor Golden Globe® for his performance as the infamous Pancho Villa in HBO's "And Starring Pancho Villa as Himself."

In 2003, Banderas earned a Tony® nomination for Best Actor in a Musical for his Broadway debut in the Roundabout Theater Company production of "Nine," a musical inspired by Fellini's "8 ½." He also received a Best Actor Drama Desk Award, Outer Critics Circle Award, Drama League Award and Theatre World Award. "Nine," directed by David Leveaux, also starred Chita Rivera.

He made his directorial debut with "Crazy in Alabama" starring Melanie Griffith. His second directorial feature was the Spanish film "El camino de los ingleses" (titled "Summer Rain" in the U.S.), a coming-of-age story that follows the first loves, lusts and obsessions of friends on vacation at the end of the 1970s.

Other film credits include: "Life Itself," "Beyond the Edge," "The Music of Silence," "Security," "Black Butterfly," "The 33," "Automata," "Knights of Cups," "The Expendables 3," "The SpongeBob Movie: Sponge Out Of Water," "Machete Kills," "Justin and the Knights of Valour," "Ruby Sparks," "Haywire," "Day of the Falcon," "You Will Meet a Tall Dark Stranger," "The Big Bang," "The Other Man," "Shrek 2," "Shrek the Third," "Shrek Forever After," "Take the Lead," the "Spy Kids" trilogy, "Miami Rhapsody," "Four Rooms," "Assassins," "Never Talk to Strangers," "Two Much," "The 13th Warrior," "Play It to the Bone" and "Ballistic: Ecks vs. Sever."

Born in Málaga, Spain, Banderas attended the School of Dramatic Art in his hometown, and upon graduation he began his acting career working in a small theater company based there. He later moved to Madrid and became an ensemble member of the prestigious National Theatre of Spain.

**KAREN ALLEN (Marion)** is an award-winning actor and director. After making her film debut in "National Lampoon's Animal House," she became widely known for her portrayal of Marion Ravenwood in *Raiders of the Lost Ark* opposite Harrison Ford. She would later reprise this role in *Indiana Jones and the Kingdom of the Crystal Skull*. She has starred in over 50 films and done many roles in television projects as well. Select film credits include "Starman" opposite Jeff Bridges; "Scrooged" opposite Bill Murray; "The Perfect Storm" with George Clooney; "The Glass Menagerie" opposite Joanne Woodward and John Malkovich; "The Wanderers"; "Shoot the Moon" opposite Albert Finney; "Until September" opposite French actor Thierry Lhermitte; "A Small Circle of Friends"; "White Irish Drinkers"; "Bad Hurt"; "Year by the Sea"; and Netflix's "Things Heard & Seen."

In 2020, she was nominated for an Independent Spirit Award for Best Actress for her performance in "Colewell." The film was also nominated for the Independent Spirit John Cassavetes Award.

Karen has starred in numerous plays both on and off Broadway.

She also directs, having most recently directed John Patrick Shanley's play "Outside Mullingar" with Jeffrey DeMunn, and an award-winning film version of Carson McCullers' short story "A Tree. A Rock. A Cloud."



She is a lifetime member of the Actors Studio.

**JOHN RHYS-DAVIES (Sallah)** is one of modern cinema's most recognizable character actors. While best known as Gimli in "The Lord of the Rings," or as Indiana Jones' comic sidekick Sallah in three of Lucasfilm's *Indiana Jones* adventure films, Rhys-Davies has appeared in over 150 television shows and films since the early '70s.

Rhys-Davies made his first regular television series appearance in 1972 in the BBC's "Budgie." In 1975, he joined John Hurt in the television film "The Naked Civil Servant," and re-teamed with Hurt, as well as Derek Jacobi and Patrick Stewart, for the BBC's highly acclaimed miniseries "I, Claudius," which aired in the U.S. on PBS's Masterpiece Theater. He subsequently starred in NBC's "Shogun," which earned him both an Emmy® nomination and the attention of directors Blake Edwards and Steven Spielberg. Edwards cast him in "Victor/Victoria" with Julie Andrews, and Spielberg cast him as Sallah in *Raiders of the Lost Ark*, the first installment of the Indiana Jones movies.

For the next two decades, the actor worked on numerous films and television shows, including "Murder, She Wrote," "Star Trek: Voyager," "Ivanhoe," "King Solomon's Mines," "The Living Daylights," "War and Remembrance" and *Indiana Jones and the Last Crusade* once again as Sallah.

Beginning in 1995 Rhys-Davies starred in the U.S. television series "Sliders" for three seasons. He recorded voice work for such animated films and series as "Aladdin and the King of Thieves," "Cats Don't Dance," "Animaniacs," "Batman: The Animated Series," "Gargoyles," "Pinky and the Brain," "Fantastic Four" and "The Incredible Hulk."

Rhys-Davies also starred in such video games as "Wing Commander III: Heart of the Tiger," "Dune 2000," "Baldur's Gate: Dark Alliance" "Quest for Glory IV: Shadows of Darkness" and the upcoming "Squadron 42."

He portrayed the warrior dwarf Gimli in all three films of Peter Jackson's "The Lord of the Rings" trilogy and also voiced Treebeard, a computer-generated character in the second installment.

In 2004, Rhys-Davies returned to U.S. television in "The Lady Musketeer" opposite Gérard Depardieu. Shot in Croatia in 2002, this film nearly ended his life when a 55' long and 12' high wall and roof blew over onto him, breaking his back in five places.

He has narrated for the Nova Scotia Symphony Orchestra, the German heavy metal group Van Canto, and co-starred with the opera singer Deborah Voight in the 2013 Mormon Tabernacle Choir production of A Dickens Christmas. He serves as narrator in "King James Bible: The Book That Changed the World."

Recently, Rhys-Davies starred in "Aquaman" as the Brine King; the sci-fi actioner "G-Loc" starring opposite Stephen Moyer and Casper Van Dien; the Victorian horror thriller "The Gates"; and next will be seen in the upcoming Terrence Malick film "The Last Planet."

**SHAUNETTE RENÉE WILSON (Agent Mason)** will next be seen in Kahlil Joseph's upcoming feature, "BLKNWS" for A24. On the TV side, she will next be seen in Hulu's highly anticipated limited series "Washington Black" opposite Sterling K. Brown. She was most recently seen in the role of Mina Okafor in Antoine Fuqua's Fox medical drama "The Resident."

Wilson graduated from the Yale School of Drama and was awarded the prestigious Princess Grace Award in

theater while in her final year. Immediately upon graduating, she booked a seven-episode arc on season two of “Billions” for Showtime opposite Damian Lewis and Paul Giamatti, and a small role in Marvel’s “Black Panther” right after. She also appeared in an episode of “Into the Dark” for Blumhouse/Hulu. Originally from Guyana, Wilson is typically based out of New York City.

**THOMAS KRETSCHMANN (Colonel Weber)** most recently wrapped a co-starring role in the Amazon Studios feature film, “Upgraded,” opposite Marisa Tomei and the recently released “Last Sentinel,” opposite Kate Bosworth. Kretschmann will also soon be seen in the independent feature film “Kill the Child.” He recently starred in Michael Samuels’ BAFTA-nominated independent feature “The Windermere Children” where he played the lead role of Oscar Friedmann; and was recently seen in the Showtime series “Penny Dreadful: City of Angels” and HBO’s tentpole series “Westworld.”

On the feature side, Kretschmann appeared in “American Traitor: The Trial of Axis Sally,” the Michael Polish film featuring Al Pacino. Previously, he starred opposite Daniel Radcliffe in Greg McLean’s independent feature “Jungle,” and appeared in the EPIX series “Berlin Station”. Kretschmann starred opposite Emily Blunt in 2009’s “The Young Victoria.” Additional memorable performances in features include “Avengers: Age of Ultron,” “U-571,” “Central Intelligence,” “King Kong,” “Valkyrie,” “Wanted,” “Transsiberian,” “Eichmann,” “Grimm Love,” “Blade II” and the Oscar®-winning film “The Pianist.” A gifted voice actor as well, Kretschmann lent his voice to the role of Professor Zündapp in Disney•Pixar’s “Cars 2.”

He has had an extensive career in Europe, starring in multiple films and TV series for the last four decades. Most recently, he can be seen in the German television series “Biohackers” and “Das Boot.” His film “Stalingrad” was one of the highest grossing Russian films ever. He can also be seen opposite Daniel Brühl, Vera Farmiga and John Malkovich in the Russian-British drama “In Transit.” Additional European film credits include “Balloon,” “Mogadischu,” “Downfall,” “Immortal” and “My Father.”

He is internationally renowned and has worked with iconic directors including Peter Jackson, Roman Polanski, and Guillermo del Toro.

**TOBY JONES (Basil Shaw)** is a BAFTA Award-winning actor, whose work can be seen in two of last year’s leading films, Sam Mendes’ “Empire of Light” and Netflix’s “The Wonder.” With a huge collection of critically acclaimed work, along with being a BAFTA and London Film Critics Circle winner, he is also Golden Globe® and Emmy® nominated, with roles in projects like “Infamous” (2006), where Jones played Truman Capote; in the Oscar®-nominated adaptation of John le Carre’s classic crime novel “Tinker Tailor Soldier Spy” (2011); as Alfred Hitchcock in the HBO/BBC television movie “The Girl”(2012); as well as on stage in productions such as “Uncle Vanya” (2020) and “The Birthday Party.”

Jones can also currently be seen in Scott Cooper’s film “The Pale Blue Eye” on Netflix, as well as the joyous return to our screens over Christmas alongside Mackenzie Crook in the iconic television series, “Detectorists.” 2023 will see him play Robert Stein in Apple’s upcoming feature film “Tetris.”

**BOYD HOLBROOK (Klaber)** has amassed an impressive resume of meaningful, challenging, and varied roles starring alongside some of Hollywood’s most well-respected actors and working with the industry’s most visionary filmmakers, proving to be one of the industry’s most engaging and thoughtful artists.

Holbrook was recently seen in BJ Novak's fish-out-of-water black comedy "Vengeance" for Focus Features. He was also seen in the adaptation of Neil Gaiman's graphic novel "The Sandman" that premiered on Netflix in August. He stars as the Corinthian, who is the Dreaming World's biggest nightmare. In Summer 2023, Holbrook will be seen in FX's "Justified: City Primeval", the limited series inspired by Elmore Leonard's "City Primeval: High Noon in Detroit." Co-starring Timothy Olyphant, Aunjanue Ellis, and Norbert Leo Butz, the limited series returns to U.S. Marshal Raylan Givens' story seven years following the end of FX's "Justified." In the fall, he will be seen opposite Tom Hardy and Austin Butler in Jeff Nichols' next movie, "The Bikeriders."

His other recent theatrical projects include the lead role in Sam Ellis' fantasy-horror film "The Cursed" opposite Kelly Reilly; the lead in Shane Black's "Predator" reboot, "The Predator"; James Mangold's Oscar®-nominated film "Logan" opposite Hugh Jackman; Jason Lew's "The Free World" opposite Elisabeth Moss and Octavia Spencer; 20th Century Fox's sci-fi thriller "Morgan" with Kate Mara and Paul Giamatti; Gavin O'Connor's "Jane Got A Gun" with Natalie Portman and Ewan McGregor; and Warner Bros.' "Run All Night" with Liam Neeson and Ed Harris. His early projects included scene stealing roles in David Fincher's adaptation of Gillian Flynn's novel "Gone Girl" and Craig Johnson's character-driven indie "The Skeleton Twins" starring Kristen Wiig and Bill Hader. Preceding this success, Holbrook had a prolific role in Gus Van Sant's Academy Award®-nominated drama "Milk." His streaming debut was in the critically acclaimed Netflix original series "Narcos" which received a 2016 Golden Globe® nomination for Best TV Series—Drama. For two seasons he starred opposite Pedro Pascal portraying real-life DEA agent Steve Murphy who helped Colombian authorities track down Pablo Escobar.

**OLIVIER RICHTERS (Hauke)** is a Dutch-born actor, professional bodybuilder and entrepreneur known around the world as "The Dutch Giant." At 7'2" (2.18 meters) and 342 pounds (155 kilograms) he holds the Guinness World Record as the tallest actor and bodybuilder currently active.

Having started weightlifting at age 19, Richters has used his unique stature to make a name for himself in the Netherlands and was fortunate enough to gain a worldwide audience by having cameos in the feature films "The King's Man" and Marvel's "Black Widow."

Later this year, Richters will be seen in a supporting role in "Borderlands" starring Cate Blanchett and Jamie Lee Curtis.

Not just pure brawn, Richters is also a hugely successful entrepreneur, having founded three companies thus far: the online sports supermarket Muscle Meat; his supplement brand Dutch Giant Nutrition; and the online clothing store Tall Origin, for people of exceptional height.

Though he is mainly known on screen as the big baddie, Richters is loved for his down-to-earth demeanor and infectious personality. Combining those characteristics with his bigger than life stature makes Richters truly one of a kind.

**ETHANN ISIDORE (Teddy)** was born on January 25, 2007, in Le Chesnay, Yvelines, France. He is a French actor of Franco-Mauritian-Brazilian descent. At the age of 6, two years early, he joined the Theater Arts on Stage course in Chatou, Yvelines, France. From the age of 11, passionate about cinema, he acted in various short films.

In 2018, he played the character of Nadir in "Au revoir Tom Selleck" by Ridwane Bellawell, which won the Grand Prix CinéBanlieue 2019. The young actor was awarded the special mention 'best male interpretation' by the Jury. In 2019, he starred, in motion-capture, as the child in the Franco-Canadian interactive virtual reality experience

“Les Passagers” by Ziad Touma, (Canadian Screen Prize Best Immersive Work 2022). He was then noticed by the artists’ agency Noma Talents and has since appeared in the television series “Sam” (seasons 4 and 5, Netflix and AMC+) and “Mortel.”

Isidore learned English by watching American movies and TV shows.

At the beginning of 2023, he began his seventh year at the Orléans Conservatory, studying theatre and dramatic art.

## ***ABOUT THE FILMMAKERS***

**JAMES MANGOLD (Director/Writer)** is an Oscar®-nominated writer-director whose body of work resists easy categorization; that challenges us to consider that a filmmaker’s voice is not merely defined by genre or repeated motif, but rather by how their films make us feel. Mangold has moved from Sundance Independent to a superstar cop noir, from mental institution drama to romantic fantasy, and from pulp horror to musical biopic. He oscillates through traditional westerns to round-the-world capers, from two films about a beloved comic book hero to a period car racing film which was nominated for Best Picture.

Some award-winning films Mangold has written and directed include “Heavy,” “Cop Land,” “Girl, Interrupted,” “Walk the Line,” “3:10 to Yuma,” “Logan” and “Ford v Ferrari.”

The son of renowned painters Robert Mangold and Sylvia Plimack Mangold, James was raised in New York’s Hudson Valley. He graduated in film and acting from The California Institute of the Arts, where he studied under Alexander Mackendrick (“Sweet Smell of Success,” “The Ladykillers”). He broke into the film business at the age of 21, the recipient of a prestigious writer-director deal with Disney Studios. After a few years in Hollywood, he decided to go to Columbia University’s film school, where he began writing a feature, “Heavy” (1995), while studying under Oscar®-winning director Miloš Forman. That film went on to win Special Jury Recognition for Directing at the 1995 Sundance Film Festival and was selected to represent the United States at Director’s Fortnight in Cannes.

Following the critical success of “Heavy,” Mangold began production on his second film “Cop Land” (1997), an urban Western which was set in modern-day New Jersey starring Sylvester Stallone, Harvey Keitel, Robert De Niro, Ray Liotta and Janeane Garofalo. The film premiered at the Venice Film Festival and played in the U.S. to strong reviews.

Mangold followed his all-male police thriller with a period psychological drama starring an entirely female cast, adapting Susanna Kaysen’s “Girl, Interrupted” (1999). Angelina Jolie went on to win a Best Supporting Actress Golden Globe® and Oscar® for her performance as Lisa, the charming sociopath who befriends the protagonist played by Winona Ryder. Mangold then went on to make the fantasy/romantic comedy “Kate & Leopold” (2001), starring Meg Ryan and Hugh Jackman, followed by the mind-bending thriller “Identity” (2003), starring John Cusack and Ray Liotta.

In 2005, “Walk the Line” was a breakthrough film for Mangold as a co-writer and director. It was an enormous success with critics and audiences alike, starring Joaquin Phoenix and Reese Witherspoon as the legendary musical couple Johnny Cash and June Carter Cash. Both actors performed their own vocals and took home Golden Globes® for their performances. The film also won the Golden Globe® for Best Motion Picture—Musical or Comedy. At the Oscars®, the film received five nominations and Witherspoon won Best Performance by an Actress. A project Mangold had in the works for years, “Walk the Line” was developed with the assistance and

collaboration of John and June Carter Cash.

Next, Mangold co-wrote and directed a remake of the classic western, “3:10 to Yuma” (2007), based on the Elmore Leonard short story, which showcased Oscar®-winning actors Christian Bale and Russell Crowe. The film was released by Lionsgate and was met with much critical acclaim.

In 2010, Mangold directed Twentieth Century Fox’s action film “Knight and Day,” which proved to be an international box office success, grossing over \$250 million worldwide. The film starred Tom Cruise and Cameron Diaz.

2013 saw the release of Mangold’s action/adventure/sci-fi fantasy “The Wolverine,” starring Hugh Jackman, based on the popular Marvel Comics character. The film was produced by Twentieth Century Fox and Marvel Entertainment.

The character of Wolverine was laid to rest in the landmark 2017 film “Logan,” which Mangold directed and co-wrote. Set in the near future, the film co-starred Patrick Stewart (returning as a nonagenarian Charles Xavier) and 11-year-old Spanish-British actress Dafne Keen in her feature film debut as young mutant X-23. The film received enormous critical acclaim, becoming the best-reviewed film of the “X-Men” franchise. The script (which Mangold co-wrote) was nominated for Best Adapted Screenplay at the Oscars®, and the film was one of the highest grossing films of 2017 and is widely considered one of the best films of the genre.

His next film was the critically acclaimed “Ford v Ferrari” (2019), Oscar®-nominated for Best Picture, starring Matt Damon as legendary car racer and sports car builder Carroll Shelby opposite Christian Bale as renegade driver Ken Miles. A triumphant yet bittersweet story straight out of history, the film follows Shelby, Miles, and their ragtag crew as they attempt to defeat the indomitable Enzo Ferrari at 1966’s 24 Hours of Le Mans while battling corporate interference from Henry Ford II’s title-hungry Ford Motor Co. Written by Jez Butterworth, John-Henry Butterworth, and Jason Keller, “Ford v Ferrari” marks Mangold’s second collaboration with Bale and first with Damon.

Mangold is currently in active prep on “A Complete Unknown,” an adaptation of “Dylan Goes Electric!” by Elijah Wald. The film (co-written by Mangold and Jay Cocks) chronicles young Bob Dylan’s arrival in New York City in the early sixties and his relationships with Pete Seeger, Woody Guthrie, Joan Baez and the turbulent folk music scene, culminating with Dylan ‘going electric’ at the Newport Folk Festival of 1965. Timothée Chalamet will star. The film starts shooting for Searchlight in August 2023.

Mangold’s films have been recognized with Academy Award®, Golden Globe®, SAG, BAFTA, Sundance Film Festival and various guilds’ and critics’ wins and nominations.

**JOHN-HENRY BUTTERWORTH (Writer)**, born in London in 1976, went to school in St. Albans and university at Cambridge.

John-Henry’s screen credits include “Fair Game,” directed by Doug Liman and starring Sean Penn and Naomi Watts; “Get on Up,” directed by Tate Taylor and starring Chadwick Boseman and Octavia Spencer; “Edge of Tomorrow,” directed by Doug Liman and starring Tom Cruise and Emily Blunt; French language cult movie “Malgré la nuit,” directed by Philippe Grandrieux; and “Ford v Ferrari,” directed by James Mangold and starring Matt Damon and Christian Bale.

For television he wrote an adaptation of Liane Moriarty’s novel “Nine Perfect Strangers” together with David E.

Kelley and Samantha Strauss for Hulu, starring Nicole Kidman and Melissa McCarthy and directed by Jonathan Levine, and he's currently writing climate change drama "Endgame" with Georgia Lee for AMC starring Andrew Lincoln.

**JEZ BUTTERWORTH (Writer)** was born in London in 1969 and studied English at St. Johns College, Cambridge.

His first play, "Mojo" (Royal Court Theatre, 1995), won seven major awards, including the Olivier Award for Best Comedy. Other plays include "The Night Heron" (2002), "The Winterling," (2006), "Parlour Song" (2008), "Jerusalem" (2009), "The River" (2012) and "The Ferryman" (2017).

"Jerusalem" transferred from the Royal Court to the West End, breaking box office records for a new play. It won Best Play at the Evening Standard Theatre Awards 2009, and the UK Critics' Circle Theatre Award for Best Play 2009, before travelling to Broadway where it won Best Foreign Play at the New York Drama Critics' Circle Awards 2011. It received six Tony® nominations, winning two, including Best Actor for Mark Rylance. "The River" transferred to Broadway in 2014, starring Hugh Jackman.

His sixth play for the Royal Court, "The Ferryman," directed by Sam Mendes, was extended during its transfer to the West End. It received 15 five-star reviews in the UK daily press and won Best Play and Best Director at the Evening Standard Theatre Awards in 2017, the UK Critics' Circle Award for Best Play, and 3 Olivier Awards for Best Play, Best Director and Best Actress in 2018. In 2018 "The Ferryman" transferred to Broadway and was nominated for nine Tony® Awards, winning four including the award for Best Play 2019.

Jez's screenwriting credits include "Fair Game" (2010), directed by Doug Liman and starring Sean Penn and Naomi Watts; "Get on Up" (2014), directed by Tate Taylor and starring Chadwick Boseman and Octavia Spencer; "Edge Of Tomorrow" (2014), directed by Doug Liman and starring Tom Cruise and Emily Blunt; "Black Mass" (2015), directed by Scott Cooper and starring Johnny Depp and Dakota Johnson; "Spectre" (2015), directed by Sam Mendes and starring Daniel Craig and Naomie Harris; and "Ford v Ferrari" (2019), directed by James Mangold and starring Matt Damon and Christian Bale.

For TV, Jez has created and written the comedy series "Mammals" for Amazon Studios starring James Corden, Sally Hawkins, Melia Kreiling and Colin Morgan. Jez also created the historical fantasy drama "Britannia," which was the first co-production between Sky and Amazon Prime. It stars David Morrissey, Zoë Wanamaker and Mackenzie Crook and ran for three seasons.

In 2007, Jez won the E. M. Forster Award from the American Academy of Arts and Letters. In 2019 he was elected as a Fellow of the Royal Society of Literature.

**DAVID KOEPP (Writer)** has written or co-written the screenplays for more than 30 films, including "Apartment Zero" (1988), "Bad Influence" (1990), "Death Becomes Her" (1992), "Carlito's Way" (1993), "Jurassic Park" (1993), "The Paper" (1994), "Mission: Impossible" (1996), "The Lost World: Jurassic Park" (1997), "Snake Eyes" (1998), "Panic Room" (2002), "Spider-Man" (2002), "War of the Worlds" (2005), *Indiana Jones and the Kingdom of the Crystal Skull* (2008), "Angels & Demons" (2009), "Inferno" (2016) and "Kimi" (2022).

"Cold Storage," which Koepp adapted from his debut novel, is currently in production with StudioCanal. His second novel, "Aurora," was published by HarperCollins in 2022. His story "Yard Work," narrated by Kevin Bacon, was released by Audible Originals in 2020.

As a director, his work includes the films “The Trigger Effect” (1996), “Stir of Echoes” (1999), “Secret Window” (2004), “Ghost Town” (2008), “Premium Rush” (2012), and “You Should Have Left” (2020). “Ghost Town” and “Premium Rush” were co-written with the enigmatic John Kamps.

He was born in Pewaukee, Wisconsin, and graduated from UCLA’s film school in 1986. He lives in New York City with his wife and children.

Recipient of the Academy’s prestigious 2018 Irving G. Thalberg Memorial Award, the Producers Guild of America Milestone Award, and an eight-time Academy Award® nominee, **KATHLEEN KENNEDY (Producer)** is one of the most successful and respected producers in the film industry today. As president of Lucasfilm, she oversees the company’s three divisions: Lucasfilm, Industrial Light & Magic and Skywalker Sound. Kennedy was the producer of *Star Wars: Episode VII–The Force Awakens* (2015), which broke the record for the biggest domestic opening of all time that year, and *Rogue One: A Star Wars Story*, the number one grossing movie in 2016. She went on to produce *Star Wars: Episode VIII–The Last Jedi* (2017), the highest grossing movie worldwide in 2017, as well as *Solo: A Star Wars Story* (2018) and *Star Wars: Episode IX–The Rise of Skywalker* (2019). Kennedy has recently executive produced the Emmy® Award–winning series *The Mandalorian* (2019–present), as well as *The Book of Boba Fett* (2021), *Obi-Wan Kenobi* (2022), “Willow” (2022) and *Andor* (2022), which has been roundly praised by fans and critics alike. She is currently producing all of Lucasfilm’s live action titles in production, including *Andor Season 2* and more.

Kennedy has produced or executive produced more than 70 feature films, which have collectively garnered 120 Academy Award® nominations and 25 wins. Among her credits: “Jurassic Park,” “E.T. the Extra-Terrestrial,” “The Sixth Sense,” the “Back to the Future” trilogy, “Who Framed Roger Rabbit,” “Gremlins,” “The Goonies,” “Poltergeist,” “Empire of the Sun,” “Lincoln,” “War Horse,” “The Curious Case of Benjamin Button,” “The Diving Bell and the Butterfly,” “Schindler’s List,” “The Color Purple” and “The Adventures of Tintin.”

Kennedy has produced the films of such directors as Steven Spielberg, David Fincher, Martin Scorsese, Clint Eastwood, Robert Zemeckis, J.J. Abrams, Julian Schnabel, Marjane Satrapi, M. Night Shyamalan, Frank Oz, Peter Bogdanovich and Richard Donner.

Kennedy recently received the Fellowship Award, the highest honor that the British Academy of Film and Television Arts can bestow. She is also the recipient of the distinguished CBE award (Commander of the Most Excellent Order of the British Empire) and was elected Chair of the AFI Board of Trustees. Aside from her executive and producer roles, she was one of the founding Council Members of Hollywood Commission to Eliminate Sexual Harassment and Advance Equality and is currently on the board of the LA Promise Fund, Library of America, and USC’s School of Cinematic Arts.

Prior to joining Lucasfilm in 2012, Kennedy headed the Kennedy/Marshall Company, which she founded in 1991 with director/producer Frank Marshall. In 1980 she co-founded the phenomenally successful Amblin Entertainment with Marshall and Steven Spielberg.

With a career spanning over 50 years and more than 80 films, **FRANK MARSHALL (Producer)** has helped shape American cinema, producing some of the most successful and enduring films of all time. Starting in 1967 as an assistant to Peter Bogdanovich on their first film, “Targets,” and then as location manager on “The Last Picture Show,” Marshall worked closely with Bogdanovich for years, eventually making ten pictures together. By 1980, Marshall was working as a producer on *Raiders of the Lost Ark* with Steven Spielberg and future wife Kathleen

Kennedy. Shortly thereafter, the trio formed industry powerhouse Amblin Entertainment and together produced movies such as “E.T. the Extra-Terrestrial,” “Gremlins,” the “Back to the Future” trilogy, “Who Framed Roger Rabbit,” “The Goonies,” “Empire of the Sun” and the Indiana Jones trilogy.

In 1991, Marshall and Kennedy left Amblin to form their own production company, the Kennedy/Marshall Company, where, from 1991 to 2012, they produced over 25 films, including “The Sixth Sense,” “Signs,” “Seabiscuit,” “The Curious Case of Benjamin Button,” “War Horse,” “Lincoln,” all five films in the “Jason Bourne” series and the feature documentaries “The Armstrong Lie” and “Sinatra: All or Nothing at All.” In 2012, Marshall took over as sole principal of the company when partner Kathleen Kennedy became president of Lucasfilm. Since then, Marshall has broadened its slate beyond feature films to include television, documentaries and Broadway musicals. Most recently, he produced the Tony®-winning musical “A Strange Loop” and the GRAMMY®-winning documentary “Jazz Fest: A New Orleans Story.”

Along with five Academy Award® nominations for Best Picture, Marshall and Kennedy received the Irving G. Thalberg Award in 2018, awarded to “creative producers, whose bodies of work reflect a consistently high quality of motion picture production.” In addition to his prolific producing career, Marshall is also an accomplished director, having helmed “Arachnophobia,” “Eight Below,” “Alive,” “Congo” and the HBO documentary “The Bee Gees: How Can You Mend A Broken Heart,” which was nominated for six Emmys®.

His most recent project, “Good Night, Oscar,” is currently running on Broadway at the Belasco Theater.

**SIMON EMANUEL (Producer)** is a respected member of the international film industry for over 30 years, having worked with some of the biggest directors on the largest productions, including several of the “Batman,” “James Bond” and “Harry Potter” films.

He is currently an executive producer on Lucasfilm’s Disney+ series *The Acolyte*. Prior to this, he served as executive producer on Matt Reeves’ “The Batman” for Warner Bros., executive producer on season one of Netflix’s global hit “The Witcher,” and produced both *Solo: A Star Wars Story* and *Rogue One: A Star Wars Story* for Lucasfilm.

Additionally, Emanuel was unit production manager on Lucasfilm’s and J.J. Abrams’ *Star Wars: Episode VII—The Force Awakens*, Justin Lin’s “Fast & Furious 6” and Christopher Nolan’s “The Dark Knight Rises,” and served as production manager on David Yates’ “Harry Potter and the Deathly Hallows: Part 1” and “Part 2,” “Harry Potter and the Half-Blood Prince” and “Harry Potter and the Order of the Phoenix.”

Having worked his way up the ranks from third to first assistant director, Emanuel’s other major credits include Michael Apted’s “The World is Not Enough” and “Enigma”; Roger Spottiswoode’s “Tomorrow Never Dies”; Taylor Hackford’s “Proof of Life”; Len Wiseman’s “Underworld”; Michael Hoffman’s “A Midsummer Night’s Dream”; Stefan Fangmeier’s “Eragon”; Paul W.S. Anderson’s “Resident Evil” and “AVP: Alien vs. Predator”; Stephen Daldry’s “The Hours”; and Jane Campion’s “The Portrait of a Lady.”

Emanuel also worked with Alfonso Cuarón and Chris Columbus on “Harry Potter and the Prisoner of Azkaban” and “Harry Potter and the Chamber of Secrets,” respectively.

**STEVEN SPIELBERG (Executive Producer)** is one of the world’s most successful and influential filmmakers, and is currently chairman of Amblin Partners, a corporate descendent of DreamWorks, SKG, which he co-founded in 1994. Among a host of career accolades, he is a three-time Academy Award® winner, a Kennedy Center Honoree,



a recipient of the Irving G. Thalberg Award from the Academy of Motion Picture Arts and Sciences and received the Presidential Medal of Freedom in 2015 from President Barack Obama.

Spielberg is the top-grossing director of all time, having helmed such blockbusters as “Jaws,” “E.T. the Extra-Terrestrial,” the *Indiana Jones* franchise and “Jurassic Park.” He took home his first two Oscars®—Best Director and Best Picture—for the internationally lauded “Schindler’s List,” which received a total of seven Oscars. The film was also named the Best Picture of 1993 by many of the major critics’ organizations, in addition to winning seven BAFTA Awards and three Golden Globe® Awards, both including Best Picture and Director. Spielberg also won the Directors Guild of America (DGA) Award for his work on the film.

Spielberg won his third Academy Award®—Best Director—for the World War II drama “Saving Private Ryan,” which was the highest-grossing release (domestically) of 1998. It was also one of the year’s most honored films, earning four additional Oscars®, as well as two Golden Globe® Awards, for Best Picture—Drama and Best Director, and numerous critics’ groups awards in the same categories. Spielberg also won another DGA Award and shared a Producers Guild of America (PGA) Award with the film’s other producers. That same year, the PGA also presented Spielberg with the prestigious Milestone Award for his historic contribution to the motion picture industry.

He has also earned Academy Award® nominations for Best Director for “The Fabelmans,” “West Side Story,” “Lincoln,” “Munich,” “E.T. the Extra-Terrestrial,” *Raiders of the Lost Ark* and “Close Encounters of the Third Kind.” Additionally, he earned DGA Award nominations for those films, as well as “Amistad,” “Empire of the Sun,” “The Color Purple” and “Jaws.” With 13 to date, Spielberg has been honored by his peers with more DGA Award nominations than any other director. In 2000, he received the DGA’s Lifetime Achievement Award. He is also the recipient of the Hollywood Foreign Press’s Cecil B. DeMille Award, the Kennedy Center Honor and numerous other career tributes.

In 2012, Spielberg directed “Lincoln,” based in part on author Doris Kearns Goodwin’s “Team of Rivals.” The film garnered 12 Academy Award® nominations, winning two Oscars®, for Best Actor for Daniel Day-Lewis’ portrayal of the iconic 16th President and for Best Production Design.

Spielberg’s 2015 dramatic thriller “Bridge of Spies,” starring Tom Hanks, received six Academy Award® nominations including Best Picture, with Mark Rylance winning the Oscar® for Best Supporting Actor. That same year, he was also an executive producer on “Jurassic World,” which earned over \$1.6 billion worldwide. Directed by Colin Trevorrow and starring Chris Pratt and Bryce Dallas Howard, it was the fourth film in the “Jurassic” series. A follow-up to the blockbuster, “Jurassic World: Fallen Kingdom,” directed by J.A. Bayona, was released in 2018, with a sixth film, “Jurassic World: Dominion,” released in 2022.

Spielberg directed and produced the 2017 drama “The Post,” starring Meryl Streep and Tom Hanks. The film earned two Academy Award® nominations, one for Best Picture, as well as Meryl Streep’s 21st nod for Best Actress. He also directed the 2018 film “Ready Player One,” based on the science fiction novel by Ernest Cline, which became an instant blockbuster and would go on to earn over \$580 million worldwide.

His 2021 film “West Side Story”—a reimagining of the classic Broadway show from Jerome Robbins, Leonard Bernstein, Stephen Sondheim and Arthur Laurents—earned seven Academy Award® nominations, including Best Picture, and won the Best Supporting Actress Oscar® for Ariana DeBose.

In 2022, Spielberg’s “The Fabelmans” debuted at the Toronto International Film Festival, where it won the coveted People’s Choice audience award. The film, a deeply personal portrait of a 20th century American childhood,

and a cinematic memory of the forces, and family, that shaped the filmmaker's life and career, would go on to win Golden Globe® Awards for Best Director and Best Picture—Drama. "The Fabelmans" was nominated by the Producers Guild of America, the Directors Guild of America, the Screen Actors Guild of America for Best Ensemble and by the Writers Guild of America for Spielberg's original screenplay with Tony Kushner. In early 2023, "The Fabelmans" received seven Academy Award® nominations, including Best Director, Best Original Screenplay, Best Actress and Best Picture.

Spielberg's career began with the 1968 short film "Amblin'," which led to him becoming the youngest director ever signed to a long-term studio deal. He directed episodes of such TV shows as "Night Gallery," "Marcus Welby, M.D." and "Columbo," and gained special attention for his 1971 telefilm "Duel." Three years later, he made his feature film directorial debut on "The Sugarland Express," from a screenplay he co-wrote. His next film was "Jaws," which was the first film to break the \$100 million mark at the box office.

In 1980, Spielberg formed his own production company, Amblin Entertainment. Under the Amblin Entertainment banner, he served as producer or executive producer on such hits as "Gremlins," "Goonies," the "Back to the Future" trilogy, "Who Framed Roger Rabbit," "An American Tail," "Twister," "The Mask of Zorro" and the "Men in Black" films.

Ten years later, Spielberg partnered with Jeffrey Katzenberg and David Geffen to form the original DreamWorks Studios. The studio enjoyed both critical and commercial successes, including three consecutive Best Picture Academy Award® winners: "American Beauty," "Gladiator" and "A Beautiful Mind." In its history, DreamWorks also produced or co-produced a wide range of features, including the "Transformers" blockbusters; Clint Eastwood's World War II dramas "Flags of Our Fathers" and "Letters from Iwo Jima," the latter earning a Best Picture Oscar® nomination; "Meet the Parents" and "Meet the Fockers"; and "The Ring," to name only a few. Under the DreamWorks banner, Spielberg also directed such films as "War of the Worlds," "Minority Report," "Catch Me If You Can" and "A.I. Artificial Intelligence."

Spielberg founded Amblin Partners in 2015 with investment partners Reliance Entertainment, Entertainment One, Alibaba Pictures, Participant Media and Universal Pictures. The company's recent theatrical releases include "1917," which won three Academy Awards® and grossed \$385 million at the global box office, and "Green Book," which won three Academy Awards®, including Best Picture, and grossed more than \$320 million worldwide.

Spielberg has not limited his success to the big screen. He was an executive producer on the long-running Emmy®-winning NBC TV drama "E.R." On the heels of their experience on "Saving Private Ryan," he and Tom Hanks teamed to executive produce the 2001 HBO miniseries "Band of Brothers," based on Stephen Ambrose's book about a U.S. Army unit in Europe in World War II.

Among its many awards, the project won both Emmy® and Golden Globe® Awards for Outstanding Miniseries. He and Hanks then reunited to executive produce the acclaimed 2010 HBO miniseries "The Pacific," this time focusing on the Marines in WWII's Pacific theater. "The Pacific" won eight Emmy Awards, including Outstanding Miniseries. A third series, "Masters of the Air," is currently in post-production for Apple TV+.

Among the shows Spielberg also executive produced were the Emmy®-winning Syfy Channel miniseries "Taken," the TNT miniseries "Into the West," the Showtime series "United States of Tara," NBC's "Smash," TNT's "Falling Skies," as well as CBS's "Under the Dome" and "Extant." He was also an executive producer on the HBO Films movie "All the Way," starring Emmy® winner Bryan Cranston, and the Netflix docuseries "Five Came Back." Amblin Television was a producer of FX's "The Americans," which earned four Emmy® wins, including two wins for Margo Martindale for Outstanding Guest Actress in a Drama Series. The series also won Peabody Awards in

2015 and 2019 and was a perennial recipient of the AFI Award for TV Program of the Year.

Spielberg also executive produced the 2021 film “Oslo” for HBO, which received two Emmy® nominations, including Outstanding Television Movie, for its recounting of the previously secret true story of the back-channel negotiations in the development of the pivotal Oslo Peace Accords between Israel and the Palestinian Liberation Organization.

Spielberg has devoted much of his time and resources to many philanthropic causes. He formed the Righteous Persons Foundation by using all his profits from the release of “Schindler’s List,” and soon thereafter founded the Survivors of the Shoah Visual History Foundation, which in 2006 became the USC Shoah Foundation—The Institute for Visual History and Education. The Institute has recorded more than 55,000 video testimonies with survivors and other witnesses of the Holocaust and other genocides and is dedicated to making the testimonies a compelling voice for education and action.

In 2019, Spielberg and Kate Capshaw formally launched The Hearthland Foundation, a philanthropic fund to help build a more just, equitable, and connected America. Inspired by the words of the poet Langston Hughes, “O, let America be America again—The land that never has been yet—And yet must be,” Hearthland is founded on the belief that creating a better shared future for our country calls for relationships that cross divides and the moral imagination for what is possible. To that end, the foundation has three overlapping areas of focus: building a shared democracy; telling an honest and generative narrative about this country; and fostering a culture of accompaniment.

**GEORGE LUCAS’ (Executive Producer)** devotion to timeless storytelling and cutting-edge innovation has resulted in some of the most successful and beloved films of all time. The creator of *Star Wars* and *Indiana Jones*, Lucas brought to life characters who have become bedrocks of worldwide popular culture, entertaining generations of filmgoers and inspiring young people to look to the stars and follow their imaginations and dreams.

Lucas pioneered new standards for visual and aural sophistication, revolutionizing the film industry by forming Industrial Light & Magic to create the visual effects for *Star Wars* and furthering innovation in film and television sound via the founding of Skywalker Sound. His ongoing research and development led to the first digital editing system (later becoming AVID) and the Pixar Image Computer, which eventually led to Pixar Animation Studios.

Lucas received the prestigious Irving G. Thalberg Memorial Award from the Academy of Motion Picture Arts and Sciences for his body of cinematic work, and two Emmy® Awards from the Academy of Television Arts & Sciences for his work in animation.

He has been honored with the nation’s highest award for technological achievement, the National Medal of Technology, presented by the President of the United States for over three decades of innovation at Industrial Light & Magic. In 2013, Lucas was awarded the National Medal of Arts, the highest award presented to artists and patrons of the arts by the United States Government, bestowed upon him by the President in recognition of lifetime achievement in the creation and production of the arts in the United States.

He received the prestigious NAACP Vanguard Award, given to persons whose groundbreaking work increases understanding and awareness of racial and social issues. Lucas was also presented with the James Smithson Bicentennial Medal for distinguished contributions to the advancement of areas of interest to the Smithsonian Institution.

Taking a philanthropic leadership role in applying his technical and storytelling expertise to the classroom, Lucas founded the George Lucas Educational Foundation in 1991 to highlight proven strategies, tools and resources for creating lifelong learners.

Lucas serves on the Board of Directors of the Film Foundation, the USC School of Cinematic Arts Board of Councilors and is currently building the Lucas Museum of Narrative Art, emphasizing American illustrative, digital, comic, cinematic and animation art as an avenue for the exploration of the great storytelling history, populist works and artistic innovation of the past 150 years.

**PHEDON PAPAMICHAEL, ASC, GSC (Director of Photography)** is a versatile Oscar® and BAFTA-nominated cinematographer whose work spans more than three decades, ranging from feature films to television series, commercials and music videos. *Indiana Jones and the Dial of Destiny* is Papamichael's sixth film with director James Mangold, whose previous joint efforts include "Ford v Ferrari," "Identity," "Walk the Line," "3:10 to Yuma" and "Knight and Day."

In 2020 Papamichael filmed "The Trial of the Chicago 7," directed by Aaron Sorkin. Based on the true story of the Chicago Seven, the film follows a group of defendants charged by the U.S. federal government with conspiracy relating to anti-Vietnam War protests. The film earned several Oscar® nominations, including one for Best Cinematography for Papamichael.

His prior film, "Ford v Ferrari," focused on the true story of a determined group of American and British engineers who are tasked with building a car for Ford to beat rivals, Ferrari, in the 1966 24 Hours of Le Mans race. Papamichael earned a BAFTA nomination for Best Cinematography for "Ford v Ferrari."

He is perhaps best known for his Oscar® and BAFTA-nominated work on "Nebraska." Directed by Alexander Payne, the film follows an estranged father and son on a road trip from Montana to Nebraska in an attempt to claim a million-dollar sweepstakes prize. "Nebraska" debuted at the Cannes Film Festival where it was nominated for the Palme d'Or.

Papamichael has worked on more than 100 commercials, including the iconic George Clooney Nespresso commercials. He also collaborates with Mangold in this space, shooting commercials for both Samsung and Duralast. His other credits include spots for Apple, Mountain Dew, Cigna, Aegean Airlines, Milco and Calzedonia.

Continuing his work with Clooney, Papamichael also lensed several features directed by the filmmaker: "The Monuments Men" and "The Ides of March," the latter of which debuted at the Venice Film Festival. Clooney and Papamichael also worked together on Alexander Payne's "The Descendants," which debuted at the Toronto International Film Festival.

Papamichael now counts more than 46 feature films to his credit, including: "While You Were Sleeping," "Cool Runnings" and "Phenomenon," all directed by Jon Turteltaub; "The Pursuit of Happyness," starring Will Smith and directed by Gabriele Muccino; the critically acclaimed "Unstrung Heroes," directed by Diane Keaton; and "27 Missing Kisses," directed by Nana Djordjadze.

Award-winning **Production Designer ADAM STOCKHAUSEN** has worked with directors such as Steven Spielberg, Wes Anderson, Steve McQueen, and with Wes Craven on the films "Scream 4" and "My Soul to Take."

Stockhausen first worked with Steve McQueen on “12 Years a Slave,” for which he received his first nominations for an Academy Award®, a BAFTA Award and an ADG Award. Subsequently they made “Widows” together and are currently working on the World War II film “Blitz.”

Stockhausen received an Academy Award®, a BAFTA Award, and an ADG Award for his work with Wes Anderson on “The Grand Budapest Hotel,” as well as a second ADG Award for his work on “Isle of Dogs.” They also worked together on “Moonrise Kingdom,” “The French Dispatch” (for which he received nominations for a BAFTA and an ADG Award), “Asteroid City,” which premiered at Cannes in May, and the upcoming “The Wonderful Story of Henry Sugar.”

Stockhausen’s collaborations with Steven Spielberg include Ernest Cline’s “Ready Player One,” as well as “Bridge of Spies” and “West Side Story,” which both received nominations for an Academy Award®, a BAFTA Award and an ADG Award.

**MICHAEL McCUSKER, ACE (Editor)** is an accomplished film editor, having begun his career under the mentorship of the prolific David Brenner. He was nominated for an Academy Award® for Best Editing in 2006 for “Walk the Line” and won the Oscar® in 2020 for “Ford v Ferrari.” McCusker is a frequent collaborator of filmmaker James Mangold and has worked across several genres, including action, drama, superhero, and musical, as well as on major franchises for Marvel and Disney.

**ANDREW BUCKLAND, ACE (Editor)** is an Academy Award®–winning film editor who won the Oscar® for his work on “Ford v Ferrari” alongside Michael McCusker, ACE.

He received his B.F.A. in Film Directing from Purchase College and began his career working in locations on “Seinfeld” before transitioning into editing. Landing his first job on Alan J. Pakula’s “The Devil’s Own,” Buckland was fortunate to have been a part of the editorial teams on many high-profile films including Mike Nichols’ “Closer” and “Charlie Wilson’s War.”

Buckland subsequently directed two documentary films, “The Long Walk Home” and “Somos Wichi,” which won the 2012 Documentary Expose Award at Chicago’s The Peace on Earth Film Festival.

Buckland first collaborated with James Mangold on “The Wolverine” as an additional editor. Other credits include co-editing Tate Taylor’s “The Girl on the Train” and additional editing on “Get on Up.”

**DIRK WESTERVELT, ACE (Editor)** has worked in many different film genres, including action, drama, and comedy. No matter what the genre, his primary focus is always on storytelling. After working for a time in the camera department, Westervelt moved to the cutting room on the first two features directed by F. Gary Gray (“Friday” and “Set It Off”). While living and working in Prague, Westervelt served as VFX editor for Guillermo del Toro on “Blade II” and “Hellboy.” He has enjoyed repeat collaborations with directors George Tillman Jr. and Rick Famuyiwa. More recently he has been working on “Logan” and “Ford v Ferrari” for James Mangold and “Deadpool 2” for David Leitch. He splits his time between California and the Czech Republic, and wherever location work takes him.

**JOANNA JOHNSTON (Costume Designer)** began her career assisting Academy Award®-winning costume designers Anthony Powell, Tom Rand and Milena Canonero on such films as Roman Polanski's "Tess" and Karel Reisz's "The French Lieutenant's Woman" and Sydney Pollack's "Out of Africa."

Her first film as a designer was Robert Zemeckis' "Who Framed Roger Rabbit." Since then, she has collaborated with him many times on such films as "Forrest Gump," "Death Becomes Her," "The Polar Express," "Contact," "Cast Away," "Allied" (earning Academy®, BAFTA and Critics Choice Award nominations), "The Witches," "Pinocchio" and the recently completed "Here."

Johnston has also worked extensively with Steven Spielberg, designing "Saving Private Ryan," "Munich," "War of the Worlds," "War Horse," "Lincoln" (for which she received Academy®, BAFTA and CDG nominations) and "The BFG."

Other credits include M. Night Shyamalan's "The Sixth Sense" and "Unbreakable," Richard Curtis' "Love Actually" and "The Boat That Rocked," Bryan Singer's "Valkyrie" and "Jack the Giant Slayer," Guy Ritchie's "The Man From U.N.C.L.E." and Christopher McQuarrie's "Mission: Impossible—Rogue Nation."

In a career spanning more than six decades, **JOHN WILLIAMS (Music)** has become one of America's most accomplished and successful composers for film and for the concert stage. He has served as music director and laureate conductor of one of the country's treasured musical institutions, the Boston Pops Orchestra, and he maintains thriving artistic relationships with many of the world's great orchestras, including the Boston Symphony Orchestra, the New York Philharmonic, the Chicago Symphony and the Los Angeles Philharmonic. Mr. Williams has received a variety of prestigious awards, including the National Medal of Arts, the Kennedy Center Honors, an honorary KBE from Her Majesty Queen Elizabeth II, the Olympic Order, and numerous Academy Awards®, GRAMMY® Awards, Emmy® Awards and Golden Globe® Awards. He remains one of our nation's most distinguished and contributive musical voices.

Mr. Williams has composed the music and served as music director for more than one hundred films. His 50-year artistic partnership with director Steven Spielberg has resulted in many of Hollywood's most acclaimed and successful films, including "Schindler's List," "E.T. the Extra-Terrestrial," "Jaws," "Jurassic Park," "Close Encounters of the Third Kind," the *Indiana Jones* films, "Saving Private Ryan," "Amistad," "Munich," "Hook," "Catch Me If You Can," "Minority Report," "A.I. Artificial Intelligence," "Empire of the Sun," "The Adventures of Tintin," "War Horse," "The BFG" and "Lincoln." Their latest collaboration, "The Fabelmans," was scored in early 2022. Mr. Williams composed the scores for all nine *Star Wars* films, the first three "Harry Potter" films, "Superman," "JFK," "Born on the Fourth of July," "Memoirs of a Geisha," "Far and Away," "The Accidental Tourist," "Home Alone," "Nixon," "The Patriot," "Angela's Ashes," "Seven Years in Tibet," "The Witches of Eastwick," "Rosewood," "Sleepers," "Sabrina," "Presumed Innocent," "The Cowboys," "The Reivers" and "Goodbye, Mr. Chips," among many others. He has worked with many legendary directors, including Alfred Hitchcock, William Wyler and Robert Altman. In 1971, he adapted the score for the film version of "Fiddler on the Roof," for which he composed original violin cadenzas for renowned virtuoso Isaac Stern. He has appeared on recordings as pianist and conductor with Itzhak Perlman, Joshua Bell, Jessye Norman, and others. Mr. Williams has received five Academy Awards® and 53 Oscar® nominations, making him the Academy's most-nominated living person and the second-most nominated person in the history of the Oscars®. His most recent nomination was for "The Fabelmans." He has also received seven British Academy Awards (BAFTA), 25 GRAMMYS®, four Golden Globes®, five Emmys®, and numerous gold and platinum records.

Born and raised in New York, Mr. Williams moved to Los Angeles with his family in 1948, where he studied

composition with Mario Castelnuovo-Tedesco. After service in the Air Force, he returned to New York to attend the Juilliard School, where he studied piano with Madame Rosina Lhévinne. While in New York, he also worked as a jazz pianist in nightclubs. He returned to Los Angeles and began his career in the film industry, working with a number of accomplished composers including Bernard Herrmann, Alfred Newman, and Franz Waxman. He went on to write music for more than 200 television films for the groundbreaking, early anthology series “Alcoa Theatre,” “Kraft Mystery Theatre,” “Chrysler Theatre” and “Playhouse 90.” His more recent contributions to television music include the well-known theme for “NBC Nightly News” (“The Mission”), the theme for what has become network television’s longest-running series, NBC’s “Meet the Press,” and a new theme for the prestigious PBS arts showcase “Great Performances.”

In addition to his activity in film and television, Mr. Williams has composed numerous works for the concert stage, among them two symphonies, and concertos for flute, violin, clarinet, viola, oboe and tuba. His cello concerto was commissioned by the Boston Symphony Orchestra and premiered by Yo-Yo Ma at Tanglewood in 1994. Mr. Williams also has filled commissions by several of the world’s leading orchestras, including a bassoon concerto for the New York Philharmonic entitled “The Five Sacred Trees,” a trumpet concerto for the Cleveland Orchestra, and a horn concerto for the Chicago Symphony Orchestra. “Seven for Luck”, a seven-piece song cycle for soprano and orchestra based on the texts of former U.S. Poet Laureate Rita Dove, was premiered by the Boston Symphony at Tanglewood in 1998. At the opening concert of their 2009/2010 season, James Levine led the Boston Symphony in the premiere of Mr. Williams’ “On Willows and Birches,” a new concerto for harp and orchestra. In 2021, Williams premiered his second violin concerto with the Boston Symphony Orchestra at Tanglewood along with soloist Anne-Sophie Mutter, for whom he composed the work.

In January 1980, Mr. Williams was named 19th music director of the Boston Pops Orchestra, succeeding the legendary Arthur Fiedler. He currently holds the title of Boston Pops Laureate Conductor which he assumed following his retirement in December 1993, after 14 highly successful seasons. He also holds the title of Artist-in-Residence at Tanglewood.

One of America’s best known and most distinctive artistic voices, Mr. Williams has composed music for many important cultural and commemorative events. “Liberty Fanfare” was composed for the rededication of the Statue of Liberty in 1986. “American Journey,” written to celebrate the new millennium and to accompany the retrospective film “The Unfinished Journey” by director Steven Spielberg, was premiered at the “America’s Millennium” concert in Washington, D.C. on New Year’s Eve, 1999. His orchestral work “Soundings” was performed at the celebratory opening of Walt Disney Concert Hall in Los Angeles. In the world of sport, he has contributed musical themes for the 1984, 1988, and 1996 Summer Olympic Games, the 2002 Winter Olympic Games, and the 1987 International Summer Games of the Special Olympics. In 2006, Mr. Williams composed the theme for NBC’s presentation of “Sunday Night Football.”

Mr. Williams holds honorary degrees from 22 American universities, including Harvard University, the Juilliard School, Boston College, Northeastern University, Tufts University, Boston University, the New England Conservatory of Music, the University of Massachusetts at Boston, the Eastman School of Music, the Oberlin Conservatory of Music, and the University of Southern California. He is a recipient of the 2009 National Medal of Arts, the highest award given to artists by the United States Government. In 2020, Mr. Williams received Spain’s prestigious Princess of Asturias Award for the Arts as well as the Gold Medal from the Royal Philharmonic Society in the UK. In 2016, he received the 44th Life Achievement Award from the American Film Institute—the first composer in history to receive this honor. In 2003, he received the Olympic Order, the IOC’s highest honor, for his contributions to the Olympic movement. He served as the Grand Marshal of the 2004 Rose Parade in Pasadena and was a recipient of the Kennedy Center Honors in December of that year. In 2018, he received the Trustees Award from the National Academy of Recording Arts and Sciences. Mr. Williams was inducted into the

American Academy of Arts & Sciences in 2009, and in January of that same year he composed and arranged “Air and Simple Gifts” especially for the first inaugural ceremony of President Barack Obama. He was awarded an honorary knighthood of the British Empire as one of the final awards approved by Her Majesty Queen Elizabeth II.

**ANDREW WHITEHURST (Visual Effects Supervisor)** is an Academy Award®–winning visual effects supervisor with over 20 years of experience in film, commercials and television.

Change to: Whitehurst has worked with director Sam Mendes on the visual effects for two James Bond films, first on “Skyfall” and later on “Spectre.” He earned an Academy Award® and a BAFTA Film Award nomination for his work on Alex Garland’s “Ex Machina,” which led to supervising Garland’s next two projects, “Annihilation” and the mini-series “Devs.” Whitehurst also served as second unit director on “Devs.” In 2008, he had the opportunity to collaborate with Guillermo del Toro and visual effects supervisor Mike Wassel to design and realize the Stone Giant in “Hellboy II: The Golden Army.”

For more than 30 years as both VFX supervisor and VFX producer **KATHY SIEGEL (Visual Effects Producer)** has overseen the planning, budgeting, filming and creation of visual effects for features, music videos, television series and award-winning national commercials.

She is unique in the current production landscape with her vast experience in traditional animation, puppetry, practical effects and opticals, as well as modern digital techniques.

Looking for new challenges in her chosen field, Kathy turned feature film VFX producer, moving quickly through the ranks to VFX produce the critically acclaimed “Ford v Ferrari” for producer/writer/director James Mangold.

Her other projects include “Maze Runner: The Death Cure,” both “Thor” and “Captain America: The First Avenger” for Marvel Studios, as well as season two of “Banshee” for Cinemax.

Trained in the visual arts, music and economics, Siegel came to visual effects by chance but finds it offers the exact combination of science, math and art that excites her boundless creativity.

**INDUSTRIAL LIGHT & MAGIC (Visual Effects)**, a division of Lucasfilm Ltd., was founded in 1975. The company has become synonymous with groundbreaking visual effects work and continues to be a recognized leader in the field. ILM has operations in San Francisco, Singapore, Vancouver, London, Sydney, and Mumbai which work hand in hand to produce cutting-edge visual effects and animation for feature films, television, commercials, themed attractions, and immersive entertainment experiences via its award-winning ILM Immersive division. ILM currently operates state-of-the-art StageCraft virtual production LED stages in Los Angeles and Vancouver and constructs bespoke pop-up volumes for productions around the world. The company has been awarded 15 Academy Awards® for Best Visual Effects and 34 Scientific and Technical Achievement Awards by the Academy of Motion Picture Arts and Sciences. To learn more, visit ILM online at <http://www.ilm.com>.

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