

# **AVATAR**

**Written and Directed by  
JAMES CAMERON**

**Produced by  
JAMES CAMERON  
JON LANDAU**

**A TWENTIETH CENTURY FOX  
Presentation**

**In Association with  
DUNE ENTERTAINMENT**

**And  
INGENIOUS FILM PARTNERS**

**Director of Photography  
MAURO FIORE, ASC**

**Production Designers  
RICK CARTER  
ROBERT STROMBERG**

**Edited by  
STEPHEN RIVKIN, A.C.E.  
JOHN REFOUA, A.C.E.  
JAMES CAMERON, A.C.E.**

**Senior Visual Effects Supervisor  
JOE LETTERI**

**Animation Supervisors  
RICHARD BANEHAM  
ANDREW R. JONES**

**Costume Designers  
MAYES C. RUBEO  
DEBORAH L. SCOTT**

**Executive Producers**

**COLIN WILSON  
LAETA KALOGRIDIS**

**Music Composed by  
JAMES HORNER**

**Casting by  
MARGERY SIMKIN**

**SAM WORTHINGTON  
ZOË SALDANA  
STEPHEN LANG  
MICHELLE RODRIGUEZ  
GIOVANNI RIBISI  
JOEL DAVID MOORE  
CCH POUNDER  
WES STUDI  
LAZ ALONSO  
and SIGOURNEY WEAVER**

**WETA Producer  
EILEEN MORAN**

**WETA Visual Effects Supervisors  
STEPHEN ROSENBAUM  
ERIC SAINDON  
DAN LEMMON  
GUY WILLIAMS**

**Conceptual Design,  
Costume and Specialty Props by  
RICHARD TAYLOR**

Unit Production Manager **COLIN WILSON**  
First Assistant Director **JOSH McLAGLEN**  
Second Assistant Director/Additional Unit First Assistant Director **MARIA BATTLE CAMPBELL**  
Virtual Production Supervisor **GLENN DERRY**  
Visual Effects Producer **JOYCE COX**  
ILM Visual Effects Supervisor **JOHN KNOLL**  
ILM Animation Supervisor **PAUL KAVANAGH**  
Visual Effects Supervisors **JOHN BRUNO**  
**STEVEN QUALE**  
Stan Winston Character Design Supervisor **JOHN ROSENGRANT**

Supervising Virtual Art Director **YURI BARTOLI**  
Lead Creature Designer **NEVILLE PAGE**  
Vehicle Designer **TYRUBEN ELLINGSON**  
Initial Creature Concepts by **WAYNE BARLOWE**  
Initial Casting by **MALI FINN**  
Associate Producer/Post Production Supervisor **JANACE TASHJIAN**  
Supervising Sound Editor & Sound Designer **CHRISTOPHER BOYES**  
1st Assistant Editor **JASON GAUDIO**  
Digital Effects Supervisor **NOLAN MURTHA**  
Technical Supervisor **DAN NEUFELDT**  
Giant Studios Performance Capture Supervisor **MATTHEW MADDEN**  
Virtual Environment Supervisor **ROB POWERS**  
Chief Technology Officer **TIM BICIO**  
Na'vi Language Created by **PAUL FROMMER, Ph.D.**  
Dialect Coach **CARLA MEYER**  
New Zealand Production Manager **BRIGITTE YORKE**  
Los Angeles Unit Director of Photography **VINCE PACE**  
Stunt Coordinator U.S. **GARRETT WARREN**  
Co-Producers **BROOKE BRETON**  
**JOSH McLAGLEN**

#### CAST

Jake Sully **SAM WORTHINGTON**  
Neytiri **ZOË SALDANA**  
Grace **SIGOURNEY WEAVER**  
Colonel Miles Quaritch **STEPHEN LANG**  
Trudy Chacon **MICHELLE RODRIGUEZ**  
Parker Selfridge **GIOVANNI RIBISI**  
Norm Spellman **JOEL DAVID MOORE**  
Moat **CCH POUNDER**  
Eytukan **WES STUDI**  
Tsu'tey **LAZ ALONSO**  
Dr. Max Patel **DILEEP RAO**  
Corporal Lyle Wainfleet **MATT GERALD**  
Private Fike **SEAN ANTHONY MORAN**  
Cryo Vault Med Tech **JASON WHYTE**  
Venture Star Crew Chief **SCOTT LAWRENCE**  
Lock Up Trooper **KELLY KILGOUR**  
Shuttle Pilot **JAMES PITT**  
Shuttle Co-Pilot **SEAN PATRICK MURPHY**  
Shuttle Crew Chief **PETER DILLON**  
Tractor Operator **KEVIN DORMAN**  
Dragon Gunship Pilot **KELSON HENDERSON**  
Dragon Gunship Gunner **DAVID VAN HORN**  
Dragon Gunship Navigator **JACOB TOMURI**  
Suit #1 **MICHAEL BLAIN-ROZGAY**  
Suit #2 **JON CURRY**  
Ambient Room Techs **JULENE RENÉE • LUKE HAWKER • WOODY SCHULTZ**  
Horse Clan Leader **PETER MENSAH**  
Link Room Tech **SONIA YEE**  
Basketball Avatars **JAHNEL CURFMAN • ILRAM CHOI**  
Na'vi Child **KYLA WARREN**

Stunt Coordinators New Zealand **STU THORPE • ALLAN POPPLETON**

Troupe

**KEVIN DORMAN JULENE RENÉE JAHNEL CURFMAN WOODY SCHULTZ  
LISA ROUMAIN DEBRA SKELTON TAYLOR KIBBY JODIE LANDAU  
CHRIS MALA JULIE LAMM CULLEN B. MADDEN JOSEPH BRADY MADDEN  
FRANKIE TORRES AUSTIN WILSON SARA WILSON TAMICA WASHINGTON-MILLER**

Op Center Staff

**LUCY BRIANT NATHAN MEISTER GERRY BLAIR MATT CHAMBERLAIN  
PAUL YATES WRAY WILSON JAMES GAYLYN**

Stunts

**ILRAM CHOI ALICIA VELA-BAILEY MARK GINTHER FRANK TORRES  
REUBEN LANGDON STELLA ANGELOVA SIMONE BARGETZE RYAN BROWN  
J.J. DASHNAW NITO LARIOZA JASON RODRIGUEZ DAVID SCHULTZ  
COLIN FOLLENWEIDER STEVE UPTON RICHARD EPPER SHANE DAWSON  
ANTONIO MARSH VINNIE ROXBURGH MIN WINDLE ROB YOUNG  
ALBERT HELMISLI JUSTIN CARTER RODNEY COOK RAYNER JAHNKE  
SIAOSI FONUA RYAN CAREY HANK AMOS**

Dancers

**MELVIN LENO CLARK, III CARVON FUTRELL BRANDON JELKES SARA ROSE MEDINA  
MICAH MOCH HANNIYAH MUHAMMAD CHRISTOPHER NOLEN CHRISTA OLIVER  
APRIL THOMAS BRAVITA A. THREATT**

Character Designs by

**STAN WINSTON STUDIO**

Key Character Designers **SCOTT PATTON, JOSEPH C. PEPE, JOEY OROSCO,  
CHRISTOPHER SWIFT, JASON MATTHEWS, MICHAEL ORNELAZ, JIM CHARMATZ**

**ART DEPARTMENT**

Lead Character Sculptor **JORDU SCHELL** • Concept Art Directors **BEN PROCTER, SETH ENGSTROM, DYLAN COLE**  
Concept Illustrators **RYAN CHURCH, JAMES CLYNE, STEVEN MESSING, VICTOR MARTINEZ, CRAIG SHOJI, DAPHNE YAP, BARRY HOWELL,  
DORIAN BUSTAMANTE** • Lead Supervising Art Director **KIM SINCLAIR** • Supervising Art Directors **KEVIN ISHIOKA, STEFAN DECHANT,  
TODD CHERNIAWSKY** • Virtual Production Art Directors **ANDREW L. JONES, NORM NEWBERRY** • Art Directors **NICK BASSETT,  
ROB BAVIN, SIMON BRIGHT, JILL CORMACK, SEAN HAWORTH, ANDREW MENZIES, ANDY McLAREN** • Assistant  
Art Directors **MICHAEL STASSI, JEFFREY WISNIEWSKI** • Property Master **ANDREW M. SIEGEL** • Asset Manager **REYMUNDO PEREZ**  
Creature Artists **TULLY SUMMERS, ALEX ALVAREZ** • Coordinator **ANDREA CARTER** • Archivist **ZACK BUNKER**  
Administrators **JASON BEALE, MARTHA MITCHELL** • Assistant **HOLLY JETER** • Costume Illustrator **RAFAEL BUGOS**

**VIRTUAL PRODUCTION**

Virtual Production Conceived by **ROB LEGATO** • Virtual Production Line Producer **PETER M. TOBYANSEN**  
Virtual Production Manager **HEIDE WALDBAUM** • CG Supervisors **BRADLEY ALEXANDER, JERRY K. KUNG, ALBERT HASTINGS**  
Simulcam Supervisor **CASEY SCHATZ** • Lead Virtual Stage Operators **DAN FOWLER, DAVID STRIPINIS, IGNACIO PENA, TYLER THOMSON**  
Virtual Stage Operators **PAOLO ZIEMBA, JERRY ZIGOUNAKIS** • Lead Virtual Cinema Artists **A.J. BRIONES, ANDREW GREENLEE,  
ANDREW MOFFETT, EVELYN COVER, IAN ADAMS, STEPHEN DEANE, STEPHEN J. PAVELSKI, THOMAS BLAND** • Virtual Cinema Artists  
**ANDREW ROSE, BEN SHUPE, BUFFY BAILEY, ED KNIGHT, ERIC OLIVER, GEOFF LOU, JASON STELLWAG, JEREMY AGAMATA,  
JESSICA WU, JOHN BUCHOLTZ, JUSTIN STOCKTON, KIRSTEN JELLIFFE, MARGARET LANGLEY, NICHOLAS BROWN, SHANE KEMP,  
STEVEN LO, STEVEN TOM, STEPHEN GREENBERG** • Virtual Camera Operator **ANTHONY ARENDT** • VAD Leads **BRIAN PACE,  
LEONARD BARRIT, DEAN LEWANDOWSKI, MOTOKI NISHII, PATRICK PETERSON, APRIL WARREN** • VAD Artists **JEFFREY APCZYNSKI,  
JOSE ASTACIO JR., BRYAN BURRIGHT, ANTHONY JACOB** • 3D TDs **ERIC LALUMIERE, FRANK BONNIWELL**

Lead Compositors **NATE HOPKINS, LLOYD LEE BARNETT** • Compositors **AARON SINGER, ADAM GHERING, CHRISTOPHER IVINS**  
Tracking **DARYL BARTLEY, DON L. McCOY** • Virtual Lab Coordinators **FERDINAND TORRES, HELEN JEN** • Lab Asst. Coordinator **VAL KELLER**  
Virtual Environment Administrators **SAUL SANTELL, KATRINA KAUFMAN** • Virtual Production Assistant **SVETLANA TESNES**  
Render Department **MICHELLE HALL, BEN LOVE, DUSTIN HARRISON, CHRIS BLAZICK, MEGAN GOLDBECK** • Digital Save  
Operators **STEPHEN SUETTINGER, JASON CHEN, JAMES LU, TRENT JONES, PEDRO HONESS** • Prototype Line Producer **RON AMES**

#### **PRODUCTION**

Production Supervisor **JENNIFER TEVES** • Lightstorm VP Production Services & Technology **GEOFF BURDICK**  
Lightstorm Chief Financial Officer **CAROL HENRY** • Lightstorm VP Finance & Administration **KATHY GRANT**  
Lightstorm Technology **JOE HAGG, CHARLIE PALAFOX, JOHN CLISHAM** • Assistants to James Cameron **TERRI DEPAOLO, KRISTIN BERBAE, TED CAHN** • Assistant to Jon Landau **NICOLE PITESA** • Still Photographer **MARK FELLMAN**  
Lead Systems Administrator **MIKE REED** • Production Controller **NOUR DARDARI** • Assistant Accountants **TROY McGATLIN, MICHAEL LING, DANIEL GONZALEZ, VALERIE SUAREZ, ANNETTE ENCINAS** • Post Production Controller **KEVIN BUXBAUM**  
Post Production Accountant **MAUREEN CRUTCHFIELD** • Post Production Assistant Accountants **HELEN SIDERIS, BRANDON LINVILLE**  
Post Production Payroll Accountants **BOYSIE JEREZA, DAVID HICKEY** • Casting Associate **JUSTINE HEMPE**  
Casting Assistant **ASHLEY SLATER** • Digital Assets Manager **BILLY BARNHART** • Digital Assets Assistant **DAVID LO**  
System Technician **RYAN ROMANSKI** • Licensing Liaison **MARIA WILHELM** • Lightstorm Runner **NICK PHAD**  
Lightstorm Receptionist **MIKE SANTOS** • Botany Consultant **DR. JODIE S. HOLT** • Ethnomusicologist **DR. WANDA BRYANT**  
Anthropological Consultant **DR. NANCY LUTKEHAUS** • Military Training by **JOHN DAVID CAMERON**  
Military Dialogue Advisor **CAPT. BARRY EDWARDS USMC** • Behind The Scenes by **MOB SCENE**

#### **EDITORIAL**

Assistant Editors **CLAUDIA HUERTA, JUSTIN SHAW** • VFX Editors **CRAIG TANNER, CHRIS MARINO**  
Assistant VFX Editors **ROXANNE DORMAN, WILLIAM PALEY** • Performance Capture Assistant Editors **KRISTEN YOUNG, DAWN MARQUETTE**  
Performance Capture Sound Editor **NOAH KATZ** • Post Production Coordinator **WENDY CHESEBROUGH LOWE**  
Post Production Assistant **DANIEL MEI-TAL** • Post Wrangler **ROB YAMAMOTO** • AVID Support Provided by **WEXLER VIDEO**

#### **PERFORMANCE CAPTURE UNIT**

Production Coordinators **JAMIE R. ROBINSON, SUSAN DUKOW** • Na'vi Movement Coach **TERRY NOTARY**  
Systems Engineer **STEVE MADONNA** • Production Secretary **EDITH VIRAMONTES** • Assistant Prop Master **BENSEN HO**  
Video Engineering Supervisor **IAN KELLY** • Video Assist **DANIEL HERNANDEZ, DANIEL F. MOORE** • Head Rig Supervisor **GARY MARTINEZ**  
Lead RF Technician **PAUL TOBYANSEN** • Facial Capture Technicians **TIMOTHY A. BRUNS, KURT HERBEL, ROBERT DERRY**  
Virtual Camera Assistant **TIMOTHY STUTTS** • Senior Pipeline Development **STEVE ROSENBLUTH** • Software Developers **BOB NOLTY, ZEKE BURGESS, HERMANN CHONG** • Systems Administrators **JOSHUA OWENS, MATT NELSON**  
Additional 2nd Assistant Director **MICHAEL J. MUSTERIC** • Script Supervisor **LUCA KOUIMELIS** • Reference Camera Technicians  
**MARK BROWN, AJ RAITANO, KIRBY WASHINGTON, KEVIN MCGILL, VERNON KIFER** • Key Grips **DENNIS HOERTER, PAUL FARLEY**  
Production Sound Mixers **JIM TANENBAUM, WILLIAM B. KAPLAN** • Boom Persons **JESSE KAPLAN, THOMAS GIORDANO**  
Costume Supervisor **ANTONIO ALMARAZ** • Assistant Costume Designer **JEANNIE FLYNN** • Set Costumers **ALEJANDRO HERNANDEZ, LILIA ACEVEDO** • Seamstress **PATRICIA LOPEZ-PADILLA** • Make-up **TEGAN TAYLOR** • Additional Make-up Artist **NADEGE SCHOENFELD**  
Construction Coordinator **JOHN VILLARINO** • General Foreman **BOBBY MARA** • Labor Foreman **EDDIE CALDERON** • Welding Foreman  
**JOSHUA KING** • Paint Foreman **TOM HRUPCHO** • Welding Gang Boss **AL DROEGER** • Prop Maker Gang Bosses **FRED O'CONNOR, BRUCE RICHTER, MARK RIGGS, OLY SUNDT, DARIN WOLDMAN** • Prop Maker **JACK CORNELIUS** • Standby Painter **AJ LEONARDI**  
Na'vi Dance Choreography by **LULA WASHINGTON** • Transportation Coordinators **JAMES WAITKUS, DENNY CAIRA**  
Transportation Dispatchers **KAREN CHANG, JAYSON CHANG** • Drivers **CHRIS ALVIANI, VAUGHN R. BLADEN, CODY FLEMING, VICTOR YBIERNAS** • Craft Service **NICK MESTRANDREA, STACY KASUBOWSKI** • On Set Medic **CHRIS LUM**  
Assistant to Ms. Saldana **ALEXIS ALEXANDER** • Production Assistants **MEGAN FISCHER, TIM PATTERSON, ANDREW DECESARE, SARA DOCKSEY, JASON BROWN, SARAH GOLLER, MIKE WEAVER, JAMIE LANDAU, ALEXANDER HAMILTON WESTMORE, BILL WHIRITY, JENNA PITULA, MORGAN ELAM, JOHN MEYERS** • Animal Trainer Coordinator **TITUS REYNOLDS** • Playa Vista  
Studio Support **WILLI SCHMIDT, GERARDO DE SANTOS** • Payroll Services by **CAST & CREW ENTERTAINMENT SERVICES**

Performance Capture Technology  
and Production Services Provided by

## GIANT STUDIOS, INC.

Performance Capture Producer **CANDICE ALGER** • Performance Capture Project Manager **JAMES G. H. KNIGHT**  
Lead Capture TD **ADDISON BATH** • Simulcam TD **RYAN CHAMPNEY** • Pipeline TD **VAUGHN CATO** • Stage Managers **GREG ALLEN, ELLIOT PERRIGO** • Real-Time Operators **SCOTT OWEN, MICHAEL SPENCE** • Character TDs **FRANCOIS LAROCHE, KEVIN CUSHING**  
Integration TDs **XIAHONG LIU, SARAH MATTES** • Lead Motion Editor **DON DE CASTRO** • Co-Lead Motion Editor **LENNON MONTEJO**  
Senior Motion Editors **STEVE GUEVARA, THOMAS SHIN** • Motion Editors **XOU FANG, DAVID PRECIADO, CRYSTAL RAINONE, CHRIS STARWALT, MICHAEL WALSH, KEVIN WANG, ERICK WARD, MICHAEL VAVERKA, JASON TONG, JIM ORLIK, ANTHONY PINTOR**  
Software Engineer **BILL LORTON** • Lead Studio Tech **RYAN ADAMS** • Studio Technicians **CONNOR MURPHY, CHRIS GAEDE, ANDREW HEPP, RYAN QUINLAN, JUAN RODRIGUEZ** • Motion Processing Lead **KEN MURANO** • Motion Processors **CAROL MADRIGAL, ERIC LEIDENROTH, ALAN HODGES, JUSTIN LOUIS**

## POST PRODUCTION SOUND

Re-recording Mixers **CHRISTOPHER BOYES, GARY SUMMERS, ANDY NELSON**  
Additional Re-recording Mixer **JUAN PERALTA** • Sound Mixing at **HOWARD HAWKS STAGE, TWENTIETH CENTURY FOX**  
Recordists **RYAN COLE, TIM GOMILLION** • Re-recording Engineers **TOM LALLEY, BILL STEIN, PAUL PAVELKA**

Post-Production Sound Services by

### SKYWALKER SOUND

Supervising Sound Editor **GWENDOLYN YATES WHITTLE** • Supervising Sound Editor & Addl. Sound Design **ADDISON TEAGUE**  
Sound Effects Editors **KEN FISCHER, SHANNON MILLS, TIM NIELSEN, CHRISTOPHER SCARABOSIO** • Dialogue Editors **CHERYL NARDI, KIM FOSCATO, MARSHALL WINN** • ADR Editors **STEVE SLANEC, STUART McCOWAN, RICHARD HYMNS**  
Foley Editors **LUKE DUNN GIELMUDA, JIM LIKOWSKI** • Sound Effects Assistant **FRANK CLARY** • Foley Artists **JANA VANCE, DENNIE THORPE** • Foley Mixer **FRANK RINELLA** • Foley Recordist **SEAN ENGLAND** • Field Recordist **DEE SELBY** • Mix Technician **TONY SERENO** • Digital Transfer **JOHN COUNTRYMAN, MARCO ALICEA** • Recordist **JAMES SPENCER** • Video Services **JOHN TORRIJOS**  
Chief Engineer & Facility Design **STEVE MORRIS** • Engineering Services **HOWIE HAMMERMANN** • Digital Editorial Services **TIM BURBY, DAVE HUNTER** • Post-Production Sound Accountant **RENÉE RUSSO** • Client Services **EVA PORTER, MIKE LANE, GORDON NG**

## MUSIC

Supervising Music Editor **JIM HENRIKSON** • Music Editor **DICK BERNSTEIN** • Additional Music Editing by **MICHAEL BAUER**  
Music Recorded and Mixed by **SIMON RHODES** • Electronic Music Arranger **SIMON FRANGLEN** • Synthesizer Programming **IAN UNDERWOOD, AARON MARTIN** • Score Conducted by **JAMES HORNER** • Orchestrations **JAMES HORNER, J.A.C. REDFORD, JON KULL, NICHOLAS DODD** • Digital Score Recordist **KEVIN GLOBERMAN** • Recorded at **THE NEWMAN SCORING STAGE, TWENTIETH CENTURY FOX STUDIOS** • Recordist **TIM LAUBER** • Stage Managers **TOM STEEL, DOMINIC GONZALES**  
Engineer **DENIS ST. AMAND** • Score Mixed at **RECORD ONE RECORDING STUDIOS** • Music Preparation **BOB BORNSTEIN, EMMETT ESTREN, DAVID WELLS** • Music Contractor **PETER ROTTER, SANDY DeCRESCENT** • Choir Contractor **JASPER RANDALL**  
Music Scoring Coordinator **SYLVIA WELLS** • CueTime Software Product Manager **DAN BROCK** • CueTime Software Engineer **DAVID LANDON**

## VISUAL EFFECTS

Visual Effects Producer **MARICEL PAGULAYAN** • Visual Effects Production Managers **BRUCE FRANKLIN, KIMBERLY JASE**  
Additional Visual Effects Producers **TONI PACE-CARSTENSEN, JODY ECHEGARAY** • NZ Visual Effects Producer **CYNDI OCHS**  
3D Visual Effects Specialist **CHUCK COMISKY** • Visual Effects Coordinators **STEVE RIERA, BRYAN SEARING, KMARIE WALTERS, BRICE LIESVELD** • Assistant Visual Effects Coordinators **MANASI ASHISH, MIKE ZAVALA** • Asset & Database Coordinators **RON POGUE, ANDREW TURNER** • Assistant Coordinator **TOVA WEINBERG** • Animation Coordinator **LUIS PAZOS**

Visual Effects &  
Animation Created by  
**WETA DIGITAL LTD.**,  
Wellington, New Zealand

VFX Supervisor **WAYNE STABLES**  
VFX Supervisor **R. CHRISTOPHER WHITE**  
VFX Supervisor **ERIK WINQUIST**

Animation Supervisor **DAVID CLAYTON**  
Motion Capture Supervisor **DEJAN MOMCILOVIC**  
Digital Effects Producer **MARVYN YOUNG**  
Models Supervisor **MARCO REVELANT** Supervising VFX Editor **MATT HOLMES**  
Creatures CG Supervisor **DANA PETERS** VFX Editor **LUCAS PUTNAM**  
Creature Art Director **GINO ACEVEDO** Associate VFX Editor **AARON CUBIS**  
Shaders Supervisor **MARTIN HILL** Head of Digital Imaging **PETE WILLIAMS**  
Head of Layout/Animation Tech **SHAWN DUNN** Digital Imaging Supervisor **NICK BOOTH**  
Massive Supervisor **JON ALLITT** Rotoscope Supervisor **SANDY HOUSTON**  
Textures Supervisor **TOM MIKOTA** Paint Supervisor **QUENTIN HEMA**  
Shots R&D Supervisor **NICK McKENZIE** Chief Technology Officer **PAUL RYAN**  
Compositing HOD **MATT WELFORD** VFX Executive **ROBIN PRYBIL**  
FX Supervisor **KEVIN ROMOND** Head of Research and Development **SEBASTIAN SYLWAN**  
Camera Supervisor **LEE BRAMWELL** Senior R&D Software Developer **LUCA FASCIONE**  
On-Set Production Manager **HANNAH BIANCHINI** Lead On-Set VFX TD **MATT SLOAN**  
Pre-Production CG Supervisor **MATT AITKEN** On-Set Surveyor **BRIAN McMILLIN**  
Pre-Production Manager **MARA BRYAN** Motion Capture Pipeline Supervisor **PHILIP BOLTT**  
Senior Production Manager **CLARE BURGESS** Creature Simulation Supervisor **ANDREA MERLO**  
Senior Production Manager **ANNETTE WULLEMS** Facial Team Lead **JEFF UNAY**  
Senior Production Manager **KEVIN L. SHERWOOD** Water Team Lead **CHRISTOPH SPRENGER**  
Shots Production Manager **KRISTINA FLACH** Digital Colourist **JOERG W. BUNGERT**  
Animation Production Manager **NICKY MUIR** Special Projects Supervisor **MARK SAGAR**

#### ANIMATION DEPARTMENT

Lead Animators **DANIEL BARRETT, ALEXANDER BURT, MICHAEL COZENS, JAN PHILIP CRAMER, BEN FORSTER, ROBYN LUCKHAM**  
Senior Animators **ALVISE AVATI, GRAHAM BINDING, ANDREW CALDER, NICK CRAVEN, SCOTT DACE, TOM DEL CAMPO, RICHARD DEXTER, KEVIN ESTEY, OLIVER EXMUNDO, AARON GILMAN, VICTOR HUANG, TODD LABONTE, SHAHAR LEVAVI, GREG LEWIS, JEE YOUNG PARK, ERIC REYNOLDS, MATTHEW RIORDAN, JALIL SADOOL, JASON SNYMAN, JOHN SORE, MIKE STEVENS, PAUL STORY, DENNIS YOO**  
Animators **MICHAEL AERNI, JAMES BENNETT, PETER CHEN, GERALD CLEVY, SIMEON DUNCOMBE, AUSTIN EDDY, NEIL GLASBEY, TOBY M. HARUNO, MARCHAND JOOSTE, PATRICK KALYN, ANTHONY McINDOE, ROBERT McINTOSH, JONATHAN PAQUIN, BRETT PURMAL, JANCE RUBINCHIK, BEN SANDERS, ANDREW SILKE, MARK STANGER, TIMOTHY STEVENSON, DANNY TESTANI, LINDSAY THOMPSON, DANIEL ZETTL** • Senior Animation TD **KEITH LACKEY** • Animation TDs **JUAN ANTONIO AMBLES, DERRICK AUYOUNG, REGINA PAULA CACHUELA, TAYLOR J. CARRASCO, JEREMY HOLLOBON, ORLANDO MEUNIER, LORI SMALLWOOD, TAISUKE TANIMURA**

#### CG SUPERVISORS

**SHADI ALMASSIZADEH, SIMON CLUTTERBUCK, DAN COX, ERIC ADRIAN FERNANDES, GRAEME DEMMOCKS, ALLEN HEMBERGER, SEBASTIAN MARINO, MATTHIAS MENZ, KEITH F. MILLER, SERGEI NEVSHUPOV, MIKE PERRY, THRAIN SHADBOLT, ROGER SHORTT, KEVIN ANDREW SMITH, MARK TAIT**

#### LEAD TDs

**PHIL BARRENGER, DAVID BASALLA, THELVIN TICO CABEZAS, JEFF CAPOGRECO, FRANK DÜRSCHINGER, NICK EPSTEIN, MARK GEE, CHRISTOPHER GEORGE, KENNETH C. GIMPELSON, ALEX HESSLER, CHANGEUI IM, BALAZS KISS, MIAE KANG, JEAN MATTHEWS, JANE S. O'CALLAGHAN, JEREMY PICKETT, FRANK ANTHONY SABIA JR., GAKU TADA, ALAN WOODS**

#### SENIOR TDs

**MIKAEL HAKANSSON, SANDIP KALSY, RYAN LEASHER, HIROAKI MURAMOTO, DANIELE TOSTI**

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Layout Artists **BRAD BLACKBOURN, DANIEL BUHIGAS, SIMON CARLILE, STEVE HARDY, JAMES HARMER, KEIR LONGDEN, JORGE PIMENTEL, MELVYN POLAYAH** • Modellers **MYLES ASSETER, ATANAS ATANASOV, MATTHEW BEALE, JEREMY BERRUEL, JAKOB KOUSHOLT, BEN LAMBERT, STUART PENN, ROMAIN SEGURADO, JAMES SUTTON, MARY SWINNERTON** • Riggers **MATTHIEU GOUTTE, JAMES NICHOLL, ANDY PHILLIPS** • Texture Artists **MIKE BAIN, RON BOWMAN, VIRGINIE DEGORGUE, DAVID EDWARDS, CHRISTIAN FURR, DAVID SWIFT**  
Digital Matte Painters **RENE BORST, PAUL CHANDLER, CHRISTIAN KESLER, DAMIEN MACE** • Lead Animator **ALDO GAGLIARDI**  
Animators **ANDREA CASTAGNOLI, PAUL CLAESSENS, SAMY FECH, LINA KOUZNETSOVA, LAURENT LABAN, AMBRE MAURIN, KEVIN O'SULLIVAN, LIAM RUSSELL** • Lead TDs **DAVID FISH, ANTOINE MOLINEAU, PAUL OAKLEY, IAN WARD**  
Lighting TDs **WILLIAM ALEXANDER, ANUJ ANAND, CHARLIE BATHO, CHRISTOPHE BREJON, BERTRAND BRY-MARFAING, NICOLAS CHOMBART, JOANNA DAVISON, UMMI GUDJONSSON, VOLODYMYR KAZANTSEV, STEVEN MOOR, DAVID MUCCI, JEFF NEWTON, CHRIS NICKELS, GARY NOBLE, ROB O'NEILL, MARK OSBORNE, FLORIAN SALANOVA, LAURENT SOLIGNAC, WILSON STOCKMAN, RUPERT THORPE, CAROLINE THOUMIRE, MARK WAINWRIGHT, RACHEL WILLIAMS, MARK WILSON** • FX TDs **THOMAS BOLT, GUILLAUME FRADIN, BEN FROST, GUNNAR RADELOFF, ADRIEN CAYUS TOUPET** • Pipeline TDs **LORENZO ANGELI, FELIPE BOHORQUEZ, KARL ERLANDSEN, LEO HILLS, JAMES LIU, JOÃO MONTENEGRO, ROBIN REYER, ANDREAS ROHR** • Lead Compositors **TOM BASKAYA, JAN DUBBERKE, THEODOR GROENEBOOM, DAVID SHERE** • Compositors **ADAM AZMY, JARNAIL BHACHU, STEVE CHO, JAMES D. FLEMING, RUDI HOLZAPFEL, NICHIA KUMKEAW, RICK LEACH, REBECCA MANNING, JESSE PARKHILL, STEVE PARSONS, TOM PEGG, ANGELO PERROTTA, ALED PROSSER, HOWARD PROTHEROE, MICHAEL RALLA, RAJAT ROY, JUAN SALZAR, FOAD SHAH, BEN TURNER, GIULIANO VIGANO, TIM YOUNG** • Motion Trackers **MATTHEW BOYER, DANIELA CAMPOS LITTLE, CHRIS COOPER, KATE ELLIS, CHRIS HARDMAN, RYAN PILCHER, PETR ROHR, GRAHAM WOOD** • Digital Paint Artists **KATARZYNA ANCUTA, THOMAS MONTMINY BRODEUR, HELEN CARR, RONAN CARR, RICHARD FRAZER, AARON LEAR, CONRAD OLSON, MARC RICE, LAURENCE SMITH, MARGARET WALBY** • Avid Editors **LUKASZ BUKOWIECKI, ROB WOIWOD**

Visual Effects And Animation by  
**PRIME FOCUS**

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Visual Effects Producer **CHRIS DEL CONTE**

Visual Effects Digital Producer **TRICIA PIFER** • Compositing Supervisor **JANE SHARVINA** • Graphics Supervisor **NEIL HUXLEY**  
CG Supervisor **MITCH GATES** • Matte Painting Supervisor **KENNETH NAKADA** • Roto/Paint Supervisor **TAMMY SUTTON-WALKER**

Tracking Supervisor **PHI TRAN** • Animation Supervisor **DANIEL LOEB** • Visual Effects Editor **STEVE MOORE**

Visual Effects Coordinators **CHRIS McCLINTOCK**, **CHARLYN GO**, **MATTHEW SABOURIN**, **MOLLY PABIAN**, **CRYSTAL CHOO**  
Production Assistant **NICOLE BOSSIER** • Compositing Sequence Supervisor **CHRISTINE ALBERS** • Compositors **TATJANA BOZINOVSKI**,  
**TODD CARSON**, **TIM CHRISTENSEN**, **ANTHONY DAVIS**, **AUORE DE BLOIS**, **BRIAN FISHER**, **JUSTIN JONES**, **PATRICK KAVANAUGH**,  
**JIWOON KIM**, **WING KWOK**, **LORI MILLER**, **PATRICK MURPHY**, **BOBBY SILMAN**, **RYAN SMOLAREK**, **JERRY WHITAKER**, **WADE IVY**,  
**RONY SOUSSAN** • Matte Painters **MANNIX BENNETT**, **ELIAS GONZALEZ** • Matte Painting Intern **RUTUL PATEL** • CG Artists **AYMERIC AUTE**,  
**CHARLEY CARLAT**, **NICK DAMICO**, **ROBERT DIAZ**, **CONRAD DUECK**, **FRED HARO**, **MICHAEL JAHNKE**, **BRETT McGLAUGHLIN**,  
**NATHAN MILLSAP**, **JON MITCHELL**, **JOHN LINDSTEIN**, **JONATHAN REYNOLDS**, **ANDREW ROBERTS**, **GAVYN THOMPSON**, **TONG TRAN**,  
**THARYN VALAVANIS**, **ANSLEM VON SEHERR**, **MIKE WALLS**, **ROB WARD** • Graphics Artists **PAUL BEAUDRY**, **SHANE JACKSON**, **TOM LEPP**,  
**BEN MYERS**, **RICK RAVENELL**, **KYLE SPIKER** • Roto Lead **SHANE DAVIDSON** • Roto Artists **ALEX CARNEY**, **ALEX BARKER**, **BRIAN REIMER**,  
**MIKE BODEN**, **MATT GIAMPA**, **TIM JONES** • Tracking Lead **DEVIN FAIRBAIRN** • Trackers **IDO BANAI**, **IAN NORTHPROP**, **NICK SINNOTT**,  
**PHILIP ROSADO**, **WINFIELD SCOTT O'BRIEN**, **JAMES SWEENEY**, **GENEVIEVE YEE** • Senior Pipeline Developers **BORISLAV "BOBO" PETROV**,  
**LASZLO SEBO** • Rigging TDs **JASON LABBE**, **ERIC LEGARE**, **PAUL HORMIS** • Editors **ALLEN TRACY**, **TYLER HOCKETT**, **DARRYL DOHERTY**  
Pipeline Designer **TRINA ESPINOZA** • Pipelines **MATTHEW MACHNEE**, **MICHAEL REMPEL** • Systems **SEAN CODY**, **SHAWN WALLBRIDGE**  
Prime Focus Senior Executive **MICHAEL FINK** • Prime Focus Senior Executive **TERRY CLOTIAUX**

Visual Effects by

**HYBRIDE**

Visual Effects Supervisor & Producer **DANIEL LEDUC**

Visual Effects Supervisor **RICHARD MARTIN**

Visual Effects Executive Producer **PIERRE RAYMOND** • Visual Effects Financial Controller **MICHEL MURDOCK**

Computer Graphics Supervisors **PHILIPPE THÉROUX**, **JOSEPH KASPARIAN**, **LAFLÈCHE DUMAIS**, **NICOLAS ALEXANDRE NOËL**  
Compositing Supervisors **THIERRY DELATTRE**, **MICHEL BARRIÈRE**, **JEAN-PIERRE FLAYEUX** • Visual Effects Coordinators **NANCY LAMONTAGNE**,  
**ANOUK L'HEUREUX**, **MYLÈNE GUÉRIN**, **LOUISE BERTRAND** • Digital Artists **OLIVIER BEAULIEU**, **MICHAËL BENTITOU**, **DIDIER BERTRAND**,  
**RAPHAËLE BLANCHARD**, **MARYSE BOUCHARD**, **FRANÇOIS CHANCRIN**, **JOANIE CROTEAU**, **CHRISTOPHE DAMIANO**, **MATHIEU DUPUIS**,  
**YANICK GAUDREAU**, **NADINE HOMIER**, **ANNE KIM**, **ALAIN LACROIX**, **MATHIEU LALONDE**, **VASSILLIOS LANARIS**, **MATHIEU LECLAIRE**,  
**FRANÇOIS LEDUC**, **STEPHANE MAILLET**, **FRÉDÉRIC MEDIONI**, **FRANÇOIS MÉTIVIER**, **MARTIN MOUSSEAU**, **SEAN O'CONNOR**,  
**STEVE PELCHAT**, **PATRICK PICHÉ**, **SONIA PRONOVOST**, **JOAO SITA**, **GUILLAUME ST-AUBIN-SEERS**, **MARCO TREMBLAY**,  
**VÉRONIQUE TREMBLAY**, **CONAL WENN**, **HUBERT ZAPALOWICZ**

Visual Effects by

**[hy\*drau"lx]**

**COLIN STRAUSE**, **GREG STRAUSE**, **SAM EDWARDS**, **JOSEPH M. HARKINS**, **JOSHUA CORDES**, **CHRIS HANEY**, **SHIGEHARU TOMOTOSHI**,  
**TONY MEAGHER**, **DANIEL CHAVEZ**, **KIM LEBRANE**, **KENNETH BROWN**, **LOENG-WONG SAVUN**, **LAURA SEVILLA**, **GIZMO RIVERA**,  
**CHRIS PAYNE**, **CHRIS FREGOSO**, **JEROME WILLIAMS**, **BRUNO PARENTI**, **CAMERON COOMBS**, **YORK N. SCHUELLER**, **TJ BURKE**,  
**MARCO CAPPARELLI**, **BILLY VU LAM**, **NANDO MARTINEZ**, **TULIO HERNANDEZ**, **ROB HUBBARD**, **MARCUS ERBAR**, **CHRIS RADCLIFFE**,  
**MIGUEL GUERRERO**, **DAVID MICHAELS**, **KRYSTAL SAE EUA**, **CHUN SEONG NG**, **TAMER ELDIB**, **JARROD AVALOS**, **ANDREW COLLINS**

Visual Effects by

**BUF**

Visual Effects Supervisors **PIERRE BUFFIN**, **MATHILDE TOLLEC**, **ANTHOINE DESCHAMPS**, **LUCAS SALTON**

Visual Effects Producer **ALAIN LALANNE** • Digital Artists **DAVID ROUXEL**, **AUDREY FERRARA**, **LAURENT LAUNES**, **OLIVIER LOURRY**

Visual Effects by **BLUR STUDIO**

Visual Effects Supervisor **DAVID STINNETT** • Visual Effects Executive Producer **AL SHIER** • Lead Matte Painter **JAIME JASSO**

Visual Effects by **PIXEL LIBERATION FRONT**

Creative Supervisor **STEPHEN LAWES** • Executive Producer **SEAN CUSHING** • VFX Producer **LAURA ZENTIL**

Compositors **DAN BLANK, VENTI HRISTOVA, SARAH BLANK**

Screen Graphics Design by **SPY POST**

Visual Effects Supervisor **JONATHAN ROTHBART** • Senior Visual Effects Producer **AMY HOLLYWOOD WIXSON** • Lead Designer **DAV RAUCH**

Motion Graphics Designer **HEATH KRAYNAK** • Graphics Designers **BEE JIN TAN, MARK CHRISTIANSEN** • Stereoscopic Supervisor  
**MICHAEL LESTER** • Match Move Artist **BRIAN TOLLE** • Rotoscope Artist **HEATHER HAN** • Production Coordinator **SCHUYLER PAPPAS**

#### ADDITIONAL VISUAL EFFECTS

**LOLA VISUAL EFFECTS** • Visual Effects Supervisor **EDSON WILLIAMS** • Visual Effects Producer **THOMAS NITTMANN**

**LOOK EFFECTS, INC.** • Visual Effects Supervisor **MAX IVINS** • Visual Effects Producer **JENNY FOSTER**

**STEREO D** • **GERONIMO MORALES, NICK STEVENS, WILLIAM MORRISON, ARTHUR VAIL, BRIAN TABOR, SARAH REESE-EDWARDS**

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Production Coordinator **ANDREW COCHRANE** • Assistant Production Coordinators **THEA GOVORKO, HELENE TAKACS**

Production Office Assistants **CALE HETARIKI, GEORGIA MAHAFFIE** • Production Office Runners **ADAM MILNES, MIKE MINOGUE**

New Zealand Casting **MIRANDA RIVERS** • Script Supervisor **SARAH HINCH** • Production Accountant **AVERIL MAWHINNEY**

First Assistant Accountant **LINUS MURPHY** • Payroll Accountant **SEBASTIAN MARR** • Second Assistant Accountant **ANNE DAVENPORT**

Second Second Assistant Accountants **FA SULUVAVE, MARC TYRON** • Accounts Assistants **DANIEL CHEN, WILL MAWHINNEY**

Location Manager **JOCK FYFE** • Locations Assistant **KEVIN MAGILL** • Unit Managers **BORIS KUNAC, CHRIS WALKER**

Unit Assistants **SIMON NOAKES, GABE PAGE** • Catering **BILLIONAIRES CATERING, CHRIS BOSWELL**

Second Assistant Directors **STEPHANIE WESTSTRATE, RICHARD MATTHEWS** • Second Second Assistant Director **DARREN MACKIE**

Third Assistant Directors **BYRON DARLING, JACQUI PRYOR, DEL CHATTERTON, JUDITH WAYERS** • On Set Production Assistants

**DANIELLE BANEHAM, KENDALL FINLAYSON, SIMON GARRATT, BRUNO DU BOIS** • Cast Assistants **BRENNA TOWNSHEND,**

**SEAMUS KAVANAGH, PHILIP NIXEY, SOPHIE HARRIS, NINA GRIFFITH, NIKKI LATHAM** • Assistants to Mr. Cameron **JAMIE LAWRENCE,**

**GRANT ROA** • Extras Casting Coordinator **SEAN ALLAN** • Extras Casting Assistants **GILLIAN DAVIES, YVETTE REID**

Medical Advisor **DR. JONATHAN ADLER** • Health and Safety Coordinator **ANDY BUCKLEY** • Medics **SIDELINE SAFETY, KEITH RAYMOND**

Cast Stand-ins **LAUREL DEVENIE, FRANCIS BIGGS, CARLY NEEMIA, JAIME HARRISON, LUKE HAWKER**

Transportation Captain **GLENN SHAW** • Transport & Locations Coordinator **KYLIE GAUDIN** • Drivers **TIM HARRIS, BRUCE BARTLEY,**

**KOSTA VATSELIAS** • IT Systems **REECE GERAGHTY** • Assistant Editors New Zealand **JAMES MEIKLE, MARK HAWTHORNE**

Second Unit Director **STEVEN QUALE** • Second Unit Director of Photography **RICHARD BLUCK** • Studio Facility Provided by **STONE STREET STUDIOS**

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Steadicam Operators **DAVID EMMERICHS, ROBERTO DE ANGELIS** • Camera Operator **RICHARD BLUCK**

Camera First Assistants **LAWRENCE W. NIELSEN, DEAN McCARROLL, ROGER FEENSTRA** • Camera I.O. Pullers **BRENDEN HOLSTER,**

**SEAN KELLY** • Camera Second Assistants **PHIL SMITH, GARTH MICHAEL, JESSE NEVILLE** • 3D Camera Supervisors **FRANK FISHER,**

**MANNING TILLMAN** • 3D HD Camera Engineer **ROBERT BRUNELLE** • DIT **RYAN SHERIDAN** • HD Camera Playback **MICHAEL TAYLOR,**

**DANNY HERNADEZ** • Video Playback Operator **NIGEL BURTON** • Video Assistants **SIMON WARD, JASON NARAN, ROHAN SATYANAND**

#### ART DEPARTMENT

Set Decorator **KIM SINCLAIR** • Assistant Art Directors **JACQUI ALLEN, VANESSA COLE** • Set Designers **PAUL OZZIMO, SCOTT BAKER,**

**ANDREW CHAN, DAVID CHOW, SCOTT HERBERTSON, JOSEPH HIURA, ROBERT JOHNSON, TEX KADONAGA, TAMMI LEE,**

**DARRYL LONGSTAFFE, KARL MARTIN, RICHARD MAYS, SAM PAGE, ANDREW REEDER, MICHAEL SMALE, JOHN LOTT, LUKE CASKA,**

**JONATHAN DYER** • Lead Props **MELISSA SPICER** • Props Buyers **PHRED PALMER, SVEN WIIG** • Standby Props **JOSH BARRAUD,**

**BEJAMIN MILSOM** • Standby Props Assistant **CHRIS ULUSELE** • Props Assistants **NICOLE SPACKMAN, PIERCE CLARKE**

Weapons Handlers **PETER ASHFORD, MIKE CAHILL** • Screens Standby **KATE PILOT** • Props Designers **ADAM ELLIS, MARK STEPHEN**

Props Fabrication Companies **HUMAN DYNAMO, IZZAT** • Lead Set Dresser **TANEA CHAPMAN** • Set Dressers **AMBER RICHARDS,**

**GILLIAN WEST WALKER, BEN WHALE, ELIZA MELDRUM, MILTON CANDISH, DAVID KOLFF, DANIEL BIRT** • Art Department

Electrician **TONY SLACK** • Assistant Set Dressers **RUBEN ALLEN, SHAUN BOLTON, ANDREW DRIVER, RUPERT GROBBEN, ANTHONY RUSSELL,**

**DEAN HUDSON, DARRYN SIGLEY** • Construction Supervisor **NEIL KIRKLAND** • Greens Supervisor **JOSH PATTERSON**

Construction Managers **NIK NOVIS, ED MULHOLLAND** • Lead Scenic **ALISTAIR MAHER** • Lead Fabricator **GRAHAM ASTON**

Lead Metal Worker **MICHAEL PLANT** • Construction Auditor **KAT STEPHENS** • Construction Office Manager **ALICE TAYLOR**

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Graphics Assistant **MARK WILLIAMS** • Screens Assistant **JOE HITCHCOCK** • Model Makers **GREG JEIN, JASON MAHAKIAN**  
Coordinators **JANELLE HOPE, REBECCA JELLIE** • PAs **DANIEL HORTON, FRANCIE McGIRR, TASHA LANG, SALLY FORD**

#### HAIR/MAKE-UP

Hair and Make-up Supervisor **RICK FINDLATER** • Make-up Artists **GEORGIA LOCKHART-ADAMS, ANGELA MOOAR, FRANKIE KARENA,**  
**MICHELE BARBER, MICHAL BIGGER** • Sigourney Weaver Make-up & Hair **LINDA DEVETTA**

#### GRIPS & ELECTRIC

Gaffer **CHRIS CULLITON** • Best Boy Electric **GILES COBURN** • Key Grip **RICHARD MALL** • Key Grip **TONY KEDDY**  
Board Operator **RUEBEN MORRISON** • Electricians **JAMIE COUPER, ANTONY FARRELL, RYAN O'DONNELL, BYRON SPARROW,**  
**ANTONY WATERHOUSE, CHRIS CHANDLER, CHRIS SMAILES, EDDIE TYRIE, ALAN WILSON, LEE SCOTT, MATT SHARPE,**  
**TAIPUA ADAMS** • Rigging Gaffers **DAVE BROWN, MATT ANDREWS** • Rigging Best Boys **ANDY AYRTON, STEPHEN RENWICK**  
Rigging Electricians **GLEN AYRTON, CHRIS PERT, JAMES KEARNEY, RICHARD SAXON, IAN WORTHINGTON, GLEN WATTS,**  
**WILL HUTCHISON** • CAD Board Operator **NIGEL PERCY** • Generator Operator **HANSEL VERKERK** • Lighting Coordinator **PETER MANSELL**  
Practical Electrician **WARWICK PEACE** • Practical Lighting Technicians **DAVE ANDERSON, SAM FORDHAM, BRENDON FRANK,**  
**GERALD MORSE, CHRIS MURPHY, MARK NEWNHAM, DAMON SELKIRK, BEN THURSTON** • Best Boy Grip **HUW GRIFFITHS**  
Dolly Grips **KAYNE ASHER, DAVID SHAW** • Company Grips **DANIEL WILSON, DARREN BRADNOCK, CONRAD HAWKINS, GRANT HARVEY,**  
**ANTHONY WEINBERG, ANTHONY GUS SALLA, HENARE MATO** • Techno Crane Technician **DAIMON WRIGHT**  
Remote Head Technician **MICHAEL PAGEN** • Lead Rigger **WARREN JONES** • Rigging Lead Hand **JASON ROBERTSON**  
Rigging Grips **ROSS JONES, JASON REI, MICHAEL BRAID, BEN VERE JONES, KEITH WATKINS**

#### SOUND

Production Sound Mixers **TONY JOHNSON, DAVIS LEE** • Boom Operators **MARK WILLIAMS, SAM SPICER**  
Cable Operators **KYLE GRIFFITHS, STACEY PARISH**

#### SPECIAL EFFECTS

Special Effects Coordinator **STEVE INGRAM** • Special Effects Technicians **KARL CHISHOLM, DAVE BOOTH, SCOTT HARENS, ROSS ANDERSON,**  
**DOUG FALCONER, ROD FORD, SVEN HARENS, IAIN HUTTON, MIKE McDONALD, PHIL McLAREN, MARK ROBSON, PETE ZIVKOVIC,**  
**DEAN BUSHBY, SARAH BAILEY HARPER, AMY INGRAM, PAUL DAVENPORT, JOHNNY GRINDLEY**

#### COSTUMES

New Zealand Costume Designer **JOHN HARDING** • Costume Supervisor **CARO FENTON** • Costume Design Assistant **LESLEY BURKES-HARDING**  
Head Costume Standby **EMMA HARRE** • Lead Costume Standby **JENNY RUSHTON** • Costume Standby **ANDREA PLESTED, CHANTELLE BOWKETT**  
Extras Costume Standby **SOPHIE MILLS, MAJA NEUMANN** • Costume Coordinators **CILLA LECKIE, WANDA LEPIONKA STRONG**  
Costume Buyers **AMANDA NEALE, REBEKAH EDWARDS, SARAH MILNE, KATE TRAFFORD** • Lead Textile Artist **LOIS GIRDWOOD** • Dye Room  
Assistant **SONIA MURRAY** • Extras Coordinators **PAUL BOOTH, REBECCA JOHNSTON** • Head Cutter **PAULINE LAWS** • Cutter **MIRIAM CHRISTIE**  
Head Machinist **JULIE ZAVALA RON-JACKETT** • Machinists **LACHLAN MAYCLAIR, MELISSA MUNDT, ALICE PATON, SHAREE ROUD,**  
**AMY JANSEN LEEN, LORRAINE WILLIS** • Breakdown Artists **TOM CADDY, HAMISH BROWN, GRANT GEBBIE, BEN PRICE**  
Na'vi Textiles **CLAIRE PREBBLE** • Costume Assistants **SHEILA HORTON, HANNAH GOLDBLATT, YVONNE AUTRIDGE, ZOE FOX,**  
**SALLY GRAY, RACHEL CALLINAN, KERSTIN KARY**

Additional Conceptual Design, Weapons, Costumes

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New Zealand

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Accounts **WENDY BAMBRO-TILYARD, NICK CLEVERLEY, SANDY DAYAL** • Production Assistants **MELISSA DODDS, EMILY-JANE STURROCK,**  
**SHERRYN MATTHEWS** • Office Coordinator **TRACEY MORGAN** • Purchasing Officer **JONATHAN EWEN**  
Assistants to Richard Taylor **RI STREETER, LINDA HUGHES** • Runner **ROSS COLLINGE** • Design Department Coordinator **KATE JORGENSEN**  
Stills and Videographer **STEVE UNWIN** • Designers **AARON BECK, GUS HUNTER, LERI GREER, STEPHEN LAMBERT, STEPHEN CROWE,**  
**CHRISTIAN PEARCE, DANIEL FALCONER, BRAD GOFF, NICHOLAS KELLER, PAUL TOBIN, GREG BROADMORE, HEATH TODD**

3D Modeling Supervisor **CHARLOTTE KEY** • 3D Milling Supervisor **JORDAN THOMSON** • 3D Model Support **JOHN McMULLEN, AKSHAY PARBHU**  
3D Modellers **CLAIRE PREBBLE, RUPERT GROBBEN, CATHY HARRIS, NADINE JAGGI, JASMIN VAN LITH, MIKE GREALISH,**  
**PRANEE McKINLAY, DARIN GORDINE, SIMON HALL, HALEY MAY, GABRIELLE BERTOOG, TIRA O'DALY, SAMANTHA MORLEY**  
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Fiberglass Supervisor **MICHAEL REITTERER** • Engineering Supervisor **DAVE IRONS** • Prop Makers **DUNCAN BROWN, CALLUM LINGARD,**  
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**JAMES FRENCH, CARLOS SLATER, IAN RUXTON, NEIL MARNANE, JOE PAICE, ERIN PALMER, VIBOL MOEUNG, PETER OSBORNE,**  
**DALLAS POLL, LINDSEY CRUMMETT, BILL THOMSON, DANIEL COCKERSELL, DANIEL WICKHAM, PAUL WICKHAM, ROBERT JU,**  
**HECTOR MORALES, JOHNNY FRASER ALLEN, SHARI FINN, NEIL SHRADER, DANIEL BENNETT, PAUL HAMBLETON, JOBEEN TSE,**  
**JAMIE BESWARICK, DON BROOKER, HIROSHI TANGE, DOROTHY HSU, COLIN JACKMAN, RICHARD MATTHEWS, GARY HUNT,**  
**ANDREW GILLESPIE, ANDREW GORDON, ANDREW MOYES, RYK FORTUNA, BEN HAWKER, GREG TOZER, BILL HUNT, CHARLOTTE BOWIE,**  
**CHRIS COVICH, DARREN MOSHER, DAVID MENG, MATT WARD, EDEN SMALL, ERIC BON, ROBERT IRONS, GARETH JENSEN, MIN WINDLE,**  
**NICHOLAS ANTUNOVIC, WAYNE THOMAS, STEPHEN EDWARDS, DAVID MACCLURE, DANIEL KELLY, MARC DUTILLOY, CLAIRE MIDDLETON,**  
**ALEX KEEGAN, KANE LOCKHEAD, TRISTAN McCALLUM, FRANCES RICHARDSON, GREG ALLISON**  
Mold Making Supervisor **MICHAEL WALLACE** • Mold Makers **SIMON GODSIFF, BRIAN STENDEBACH, PIETRO MARSON, MASAYASU MINOURA**  
Painting Department Supervisor **SOURISAK CHANPASEUTH** • Painters **LES NAIRN, JOHNNY BROUGH, DORDI MOEN**  
On Set Weapons and Props Supervisor **JOE DUNCKLEY** • On Set Link Unit Supervisor **ROB GILLIES** • On Set Amnio Tank Supervisor  
**PHILIP SHARPE** • On Set Technicians **BILL THOMPSON, TIM TOZER, SIMON HALL, PETER OSBOURNE, ALEXANDER FALKNER**

Character Designs and Specialty Props Manufacturing by  
**STAN WINSTON STUDIO AND LEGACY EFFECTS**

Model Shop Supervisor **DAVE MERRITT** • Key Model Makers **KENNETH CORNETT, EDWARD LAWTON, JOHN ERIC TUCKER, JEFFREY PYLE,**  
**NICK SELDON, JAMES SPRINGHAM, RAYMOND MOORE, DANIEL FREY, MICHAEL POSSERT, GREG APRAHAMIAN, KEITH MARBORY**  
Key Artists **TREVOR HENSLEY, JOHN CHEREVKA, MIKE MANZEL, EDDIE YANG, GREGORY SMITH** • Art & Mold Mechanical  
Technicians **TIM NORDELLA, BRIAN NAMANNY, RODRICK KHACHATOORIAN, SPENCER WHYNAUCHT, DAVE COVARRUBIAS, CORY CZEKAJ,**  
**BODIN SERBA, THEODORE HAINES, DAMIAN FISHER, DARNELL ISOM, CHRISTINE MANSFIELD, GARY YEE, KEN CULVER, IAN STEVENSON,**  
**JAVIER CONTRERAS, CAROLYN FINKEN, LOUIS DIAZ, CHRISTOPHER BURKE, MARK MAITRE, CHRISTOPHER CHEATHAM, ALYSSA TSCHANN,**  
**JAMIE GROVE, JUSTIN DITTER, BRIAN CLAUS, CHRISTOPHER GROSSNICKLE, AIMEE MACABEO, PAUL STEEVES,**  
**TAMARA CARLSON WOODARD, ALFRED KUAN, ROB RAMSDELL, GUSTAVO FERREYRA** • Digital System Administrator **JASON LOPES**

#### LOS ANGELES LIVE ACTION

Production Supervisor **MIKA SAITO** • Script Supervisor **ANA MARIA QUINTANA** • HD Engineer **BRITT CYRUS** • Gaffer **JOHN BUCKLEY**  
Key Grip **DON REYNOLDS** • Make-up Department Head **MIKE SMITHSON** • Make-up Artist **RICHIE ALONSO**  
Hair Department Head **ROXANNE GRIFFIN** • Motion Control System **CAMERA CONTROL** • Motion Control Technicians **CHRIS TOTH, JASON RAU**  
Motion Control Operators **SIMON WACKLEY, TIM DONLEVY** • Costume Supervisors **BETH KOENIGSBERG, LISA LOVASS** • Cutter Fitter **JON ATROUNI**

#### ADDITIONAL POST PRODUCTION SERVICES

ADR Casting **LOOP DE LOOP: JOHNNY GIDCOMB, HOLLY DORFF** • Negative Cutter **GARY BURRITT** • Lab Color Timer **JIM PASSON**

Film Recording Services Provided by **EFILM** • End Titles by **SCARLET LETTERS, BEN SCHOEN**

Image Processing by **LOWRY DIGITAL**

**R. PATRICK COOPER, IAN GODIN, MICHAEL INCHALIK, ELAINE NASPO, MARINO PASCUAL, KEILA N. RAMOS,**  
**MORNING STAR SCHOTT, KIMBALL THURSTON, ANDRES URIBE**

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Senior DI Colorist **SKIP KIMBALL** • Additional Color **ERIC BIDINGER** • Senior IQ Artist **ROGER BERGER** • IQ Artists **MANNY DUBON, CHAD COLE,**  
**CRAIG PRICE** • IQ Assistants **KARLO BABAKHANIAN, VAHE GIRAGOL** • DI Producers **ZARA ROBERTS, CHRISTINE CARR**  
DI Coordinator **ALEX CHEN** • DI Technologist **MARVIN HALL** • Color Science and Technology **SAM GALL, WALT BIGELOW, STAN LEHMAN**  
Data Management I/O Lead **ED THOMPSON** • Data Management I/O **DANIEL HAWLEY, KRIS GREGG, RENE CLARK, CARL JACOBSON,**  
**PETER MOC, STEVE DANHIEUX, EDUARDO CISNEROS** • Digital Cinema Imaging **JORGE ZEPEDA, CHRIS KIRKPATRICK**  
Digital Cinema Technology **COLIN O'REILLY** • DI Quality Assurance **JASON MODICA** • Additional QC **ISMAEL SALAS**

Electronic Graphics **CASEY LEMING, MARC DECASTRO, RAFI POGOSYAN, CORINA ZUNIGA** • 3D Visualization and Optimizing **DAVID CARRIKER, EROC MORALLS, MARK INTRAVARTOLO, MILES DELONG**

Special Thanks to  
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THE THIRD FLOOR, HALON ENTERTAINMENT, REAL D, DOLBY 3D, IMAX® CORPORATION, AND VEECO INSTRUMENTS**

**A  
LIGHTSTORM ENTERTAINMENT  
PRODUCTION**

**“I SEE YOU (THEME FROM AVATAR)”**

Performed by **LEONA LEWIS**

Music by **JAMES HORNER** and **SIMON FRANGLLEN** • Lyrics by **SIMON FRANGLLEN, KUK HARRELL** and **JAMES HORNER**

Produced by **SIMON FRANGLLEN** and **JAMES HORNER** • **LEONA LEWIS** performs courtesy of **SYCO MUSIC**

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