

MilsatMagazine

September 2016

PUBLISHING OPERATIONS

Silvano Payne, *Publisher + Writer*
 Hartley G. Lesser, *Editorial Director*
 Pattie Waldt, *Executive Editor*
 Jill Durfee, *Sales Director, Editorial Assistant*
 Simon Payne, *Development Director*
 Donald McGee, *Production Manager*
 Dan Makinster, *Technical Advisor*

SENIOR CONTRIBUTORS

Tony Bardo, *Hughes*
 Richard Dutchik, *Dutchik Communications*
 Chris Forrester, *Broadgate Publications*
 Karl Fuchs, *iDirect Government Services*
 Bob Gough, *Carrick Communications*
 Jos Heyman, *TIROS Space Information*
 Koen Willems, *Newtec*

AUTHORS

Simon Davies
 2nd Lt. Darren Domingo
 Rebecca Cowen-Hirsch
 Jos Heyman
 Jennifer Thibault
 Ryan Schradin

TABLE OF CONTENTS

Dispatches.....	4 to 21
Space Mission Force: Developing Space Warfighters For Tomorrow.....	22
POV: How SATCOM As A Service Can Help The DoD Modernize.....	24
By Rebecca Cowen-Hirsch	
The Heyman Report: Spaceplanes That Never Were	28
By Jos Heyman, Senior Contributor	
New Technologies & Better Methods To Acquire Them.....	34
By Ryan Schradin	
Portable Products Must Exceed The Weight Of Expectation	36
By Simon Davies	
Spreading Critical DoD Space Capabilities Over More Satellites.....	38
MILCOM 2016—Offering 35 Years Of MILSATCOM Knowledge	40
Cross Domain Collaboration With Radios.....	44

ADVERTISER INDEX

Agile MILCOMS, an ACS Company	23	SmallSat Symposium Silicon Valley 2017	2
AvL Technologies	15	SMi Group — Air Missile Defence Technology	27
Comtech EF Data.....	9	SMi Group — Global MilSatCom 2016.....	47
CPI Satcom Products.....	7	Superior Satellite Engineers — SSE	19
EM Solutions, Inc. (EMS)	17	Teledyne Paradise Datacom LLC	13
iDirect Government.....	21	Ultra Electronics, Gigasat.....	11
SES Government Solutions.....	5	W.B. Walton Enterprises, Inc.....	cover + 3

MilsatMagazine is published 11 times a year by Satnews Publishers, 800 Siesta Way, Sonoma, CA, 95476, USA, Phone: (707) 939-9306, Fax: (707) 939-9235 — © 2016 Satnews Publishers

We reserve the right to edit all submitted materials to meet publication content guidelines, as well as for grammar and spelling errors, or to move articles to an alternative issue to accommodate publication space requirements, or remove content due to space restrictions. Submission of content does not constitute acceptance of said material by SatNews Publishers. Edited materials may, or may not, be returned to author and/or company for review prior to publication. The views expressed in SatNews Publishers' various publications do not necessarily reflect the views or opinions of SatNews Publishers. All rights reserved. All included imagery is courtesy of, and copyright to, the respective companies and/or named individuals.