

## **Harris Proprietary Information - Do Not Distribute**

## KingFish System, Accessories & Training Man-Portable and/or Dual-Mode Vehicular Platform



for CDMA, GSM, & iDEN Configuration PLEASE REQUEST FORMAL QUOTE

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Date:	3/18/2011
	147 . 00044

A3 - KF A3b - KF MP B - TRAINING C - MAINT

SingRay   Webicular System	Technology	Part Number	Description		Price (ea.		Pric		
COMA Controller Software   \$ 2,000   \$						, ,			
COMMACSMIDEN   COMM	StingRay II Vehicular System	STINGRAY-II	StingRay II System Kit <sup>1</sup>	\$	148.000		\$	-	
Mult 17 and RX. 4-ado transciever for Registration, Direction Finding, Isolation & Collection Multi-Transmit Capability. Each power arry is specified to an air interface (GSM. BRAY-II-ISDENSY U. DEN. COINGE, Systems may be ordered spearately. Power arrivation of the control	CDMA/GSM/iDEN	SRAY-II-CDMA-SW		\$	22,000		\$	-	
Registration, Direction Finding, Isolation & Collection Multi-Trainmant Capability, Each power amp is specific to an air inferface (GSM, Bernovert amp is specific to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is precised to an air inferface (GSM, Bernovert amp is specific to an air	Multi TX and RX. 4-radio transciever for	SRAY-II-GSM-SW	GSM Controller Software		22,000			-	
Collection Multi-Transmit Capability, Each power amp is specific to an air interface (CMP pART-300W DEN 800 — Harpoon High Power Filtered 30V PA K1 - Single Band L0F 800 — \$ 1,6400 — \$ - PART-30W DEN 800 — Harpoon High Power Filtered 30V PA K1 - Single Band L0F 800 — \$ 1,6400 — \$ - PART-30W DEN 800 — Harpoon High Power Filtered 30V PA K1 - Single Band 200 — \$ 1,6500 — \$ - PART-30W DEN 800 — Harpoon High Power Filtered 30V PA K1 - Single Band 200 — \$ 1,6500 — \$ - PART-30W DEN 800 — PA		SRAY-II-iDEN-SW	iDEN Controller Software		22,000			-	
DEN_COMA_Systems may be ordered separately.   Ambert.dark.W (IDEN800850900180019002100)   \$ 20,200   \$ - ALW ADD TRAINING ADD TRAINING ADD MAINTENANCE   Ambert.dark.W (IDEN800850900180019002100)   \$ 38,400   \$ - ALW ADD TRAINING ADD MAINTENANCE   StingRay Vehicular System Control of the C	Collection Multi-Transmit Capability. Each							-	
PARTT-30W 2100	power amp is specific to an air interface (GSM,	PA-KIT-30W iDEN 800	Harpoon High Power Filtered 30W PA Kit - Single Band iDEN 800	\$	16,400		\$	-	
Apply   AmberJack-Wy (iDEN8001850900180019002100)   \$ 38.400   \$ -	iDEN, CDMA). Systems may be ordered	PA-KIT-30W Dual-Band CONUS	Harpoon High Power Filtered 30W PA Kit - Dual-Band 850/1900	\$	20,200		\$	-	
A.P.W   Anti-per Label-W (IDEN-800/850/900/1800/1900/2100)   \$ 38.400   \$ .	separately.	PA-KIT-30W 2100	Harpoon High Power Filtered 30W PA Kit - Single Band 2100	\$	18,550		\$	-	
StingRay   System Only   S   COMA/GSM/IDEN   STINGRay System Kg    STINGRay System Kg  System Kg    STINGRay System Kg  System Kg    STINGRay System Kg	' '	AJ-W	AmberJack-W (iDEN800/850/900/1800/1900/2100)	\$	38,400		\$	-	
StingRay Vehicular System   STINGRAY   StinoRay System Kg    \$ 75.100   \$		ADD TRAINING	·						
SRAY-CDMA-SIV   CDMA-Controller Software   \$ 22,000   \$ -		ADD MAINTENANCE		Sting	Ray II Sys	tem Only	\$	-	
SRAY-CDMA-SIV   CDMA-Controller Software   \$ 22,000   \$ -									
Single XT/mult RX -4-ratio transciever for Registration, Direction Finding, Isolation 8, Collection Multi-Transmit Capability. Each power amp is specific to an air interface (ISSM, DEN, CDMA). Systems may be ordered separately.    SRAY-GSM-SW			StingRay System Kit <sup>1</sup>					-	
Sequence								-	
Collection Multi-Transmit Capability. Each power amp is specific to an air interface (GSM, DEN, CDMA). Systems may be ordered separately.    Den								-	
Description	Registration, Direction Finding, Isolation &							-	
AW   AmberJack-W (IDEN800850900/1800/1900/2100  \$ 38.400 \$ -	Collection Multi-Transmit Capability. Each	Laptop PC (2009523-101)	Dell Latitude D630 Laptop PC Controller or equivalent spec	\$	3,500		\$	-	
CONV-2100/1700-W/BP   StingRay 2100 MHz Band IV - AWS Down Converter   \$ 19,800   \$ \$ - \$	power amp is specific to an air interface (GSM,	25W CONUS PA KIT	25W PA	\$	11,500		\$	-	
ADD TRAINING   ADD MAINTENANCE   StingRay System Only   S   C   COMA.GSM/IDEN   S   C   COMA.GSM/IDEN   S   C   C   COMA.GSM/IDEN   S   C   C   C   C   C   C   C   C   C	iDEN, CDMA). Systems may be ordered	AJ-W	AmberJack-W (iDEN800/850/900/1800/1900/2100)	\$	38,400		\$	-	
ADD MAINTENANCE   StingRay System Only   S   C	separately.	CONV-2100/1700-W/BP	StingRay 2100 MHz Band IV - AWS Down Converter	\$	19,800		\$	-	
ADD MAINTENANCE   StingRay System Only   S   C									
KingFish Man-Portable System (Option 2):   KingFish Man-Portable System (Some Man-Portable System (Some Man-Portable System (Some Man-Portable System (K-CDMA-SW (CDMA-controller software Some Man-Portable Stude as a vehicular platform. Full-size laptop makes it easier to use in moving vehicle.   Some Man-Portable System (K-DEN-SW (CDMA-SW (CDMA-CONTROLLER) Some Man-Portable Subtotal: Some Man-Portabl							L		I.
Registration, Dir Finding, Isolation & Collection   Registration, Dir Finding, Isolation & Collection   Registration, Dir Finding, Isolation & Collection   RF-GSM-SW   GSM controller software   \$ 18,100   1 \$ 18		ADD MAINTENANCE		Sting	Ray Syste	m Only	\$	-	
Registration, Dir Finding, Isolation & Collection   Registration, Dir Finding, Isolation & Collection   Registration, Dir Finding, Isolation & Collection   RF-GSM-SW   GSM controller software   \$ 18,100   1 \$ 18	KingEich Man Bertahle System (Ontion 2).	KINGEISH	KingEich Systom	T e	27 900	1	Te o	7 900	
Registration, Dir Finding, Isolation & Collection Optional Dual-Mode enables KingFish to be used as a vehicular platform. Full-size laptop makes it easier to use in moving vehicle. 25 W PA and 2100 MHz Down Converter enable vehicular operations and capture of devices operating in the 2100 MHz range. AmberJack Direction-Finding device mounts in or on vehicle for DF functionality. Single radio transciever. Single XT and Single RX Oinly.    AUW   AmberJack Direction-Finding device mounts in or on vehicle for DF functionality. Single radio transciever. Single XT and Single RX Oinly.    ADD TRAINING   Dual-Mode Accessories Subtoal:   S 87,000   S 38,400   1 \$ 38,400   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   S 38,400   1 \$ 38,400   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   S 38,400   1 \$ 38,400   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   S 38,400   1 \$ 38,400   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   S 38,400   1 \$ 38,400   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   S 38,400   1 \$ 38,400   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   S 9,700   MHz range.   ADD TRAINING   Dual-Mode Accessories Subtoal:   S 89,700   S 9,700   MHz range.   ADD TRAINING   Training-Melbourne, FL (RayFish Platform CDMA)   S 4,000   S 4,000   S 4,000   S 9,700   MHz range.   ADD TRAINING   Training-Melbourne, FL (RayFish Platform CDMA)   S 4,000   S 9,700   S 9,700   MHz range.   ADD TRAINING   Training-Melbourne, FL (RayFish Platform CDMA)   S 4,000   S 9,700   S 9,700   MHz range.   ADD TRAINING   Training-Melbourne, FL (RayFish Platform CDMA)   S 4,000   S 9,700   S 9,									
Name									Ë
Name									÷
Man-Portable Subtotal:   S 87,600									ŏ
Dual-Mode Accessories		2011000 101		Ť	0,000				
enable vehicular operations and capture of devices operating in the 2100 MHz range.         Ap. AKIT-25W-CONUS         High Power Filtered 25 W PA Kit - 800, 850, 1900, 2100B4 MHz         \$ 11,500         1         \$ 11,500         Ap. AUW         AmberJack-W (IDEN800/850/900/1800/1900/2100)         \$ 38,400         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1         \$ 4,000         1		Dual-Mode Accessories						,	
AmberJack Direction-Finding device mounts in or or vehicle for DF functionality.   AmberJack Direction-Finding device mounts in or or vehicle for DF functionality.   Single radio transciever. Single XT and Single RX Only.   Si			High Power Filtered 25 W PA Kit - 800, 850,1900, 2100B4 MHz	s	11.500	1	\$ 1	1.500	
Amber, lack Direction-Finding device mounts in or on vehicle for DF functionality.  Single radio transciever. Single XT and Single RX Oinly.  ADD TRAINING ADD MAINTENANCE  Training Classes - B RayFish Systems RayFish Systems ARAYFISH Systems Aray be more, depending on location. Training or included in equipment or software purchase.  TRAIN-MLB Training-Melbourne, FL (KingFish)				\$		1			
in or on vehicle for DF functionality. Single ratio transciever. Single XT and Single RX Only.  ADD TRAINING ADD MAINTENANCE  Training Classes - B RayFish Systems RayFish Systems RayFish Systems RayFish Systems TRAIN-MLB Training-Melbourne, FL (RayFish Platform GSM) RayFish Systems TRAIN-MLB Training-Melbourne, FL (RayFish Platform GSM) Training In ort included in equipment or software purchase.  Training Course Price  STINGRAY-II  1 Year Extended Maintenance S 22,000 S - RayFish System STINGRAY-II STINGRAY S 1 Year Extended Maintenance S 2,000 S - Windenance S									
Single RX Oinly.  ADD TRAINING ADD MAINTENANCE  TRAIN-MEB Training-Melbourne, FL (RayFish Platform CDMA) RayFish Systems RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) S 4,000 S - T				\$		1		9.800	
ADD THESE TO SELECTED PLATFORM ABOVE:  Training Classes - B RayFish Systems TRAIN-MLB Training-Melbourne, FL (RayFish Platform CDMA) Training-Melbourne, FL (RayFish Platform GSM) TRAIN-MLB Training-Melbourne, FL (RayFish Platform DEN) Training-Melbourne, FL (RayFish Platform DEN) Training-Melbourne, FL (RayFish Platform DEN) Training is not included in equipment or software purchase.  Maintenance - C RayFish System Training-Melbourne, FL (RayFish Platform DEN) Training Classes - B TRAIN-MLB Training-Melbourne, FL (RayFish Platform DEN) Training Classes - B TRAIN-MLB Training-Melbourne, FL (RayFish Platform DEN) Training Classes Training-Melbourne, FL (RayFish Platform DEN) Training Classes Training-Melbourne, FL (RayFish Platform DEN) Training Classes Training-Melbourne, FL (RayFish Platform DEN) Training Course Price Traini							\$ 6	9.700	
Training Classes - B	Single RX Oinly.			KingF	ish Syste	m Only			
Training Classes - B	ADD THESE TO SELECTED PLATFORM ABOVE:								
RayFish Systems RayFish System System System RayFish System System System RayFish System System System RayFish System Components System Covers 1 additional year of maintenance after initial 1 year warranty on new equipment when purchased.    STINGRAY   1 Year Extended Maintenance   \$ 4,000   \$ -	TO STATE OF THE PARTY OF THE PA								
RayFish Systems RayFish System System System RayFish System System System RayFish System System System RayFish System Components System Covers 1 additional year of maintenance after initial 1 year warranty on new equipment when purchased.    STINGRAY   1 Year Extended Maintenance   \$ 4,000   \$ -	Training Classes - B	TRAIN-MLB	Training-Melbourne, FL (RayFish Platform CDMA)	\$	4,000	1	\$	4,000	
RayFish Systems area may be more, depending on location. Training of the process						1			
area may be more, depending on location. Training is not included in equipment or software purchase.    TRAIN-MLB	RayFish Systems					1			
Training is not included in equipment or software purchases.    Maintenance - C   STINGRAY-II   1 Year Extended Maintenance   S 22,000   S - I 1,000	area may be more, depending on location.	TRAIN-MLB			4,000			-	
Maintenance - C RayFish System Components System         STINGRAY-II         1 Year Extended Maintenance         \$ 22,000         \$ -           Covers 1 additional year of maintenance after initial 1 year warranty on new equipment when purchased.         IXINGRAY         1 Year Extended Maintenance         11000         \$ -           AJ-W         1 Year Extended Maintenance         \$ 4,000         \$ -           AJ-W         1 Year Extended Maintenance         \$ 5,000         \$ -           HARPOON 30W PA KITS (EACH)         1 Year Extended Maintenance         \$ 2,000         \$ -           Maintenance         \$ -         Maintenance         \$ -	Training is not included in equipment or soft-			Train	ing Course	Price		2,000	
RayFish System Components System  STINGRAY  1 Year Extended Maintenance 11000 \$ - Covers 1 additional year of maintenance after initial 1 year warranty on new equipment when purchased.  KINGFISH 1 Year Extended Maintenance \$ 4,000 \$ - I Year Extended Maintenance \$ 5,000 \$ - HARPOON 30W PA KITS (EACH) 1 Year Extended Maintenance \$ -  Maintenance \$ -	ware purchase.								
RayFish System Components System  STINGRAY  1 Year Extended Maintenance 11000 \$ - Covers 1 additional year of maintenance after initial 1 year warranty on new equipment when purchased.  KINGFISH 1 Year Extended Maintenance \$ 4,000 \$ - I Year Extended Maintenance \$ 5,000 \$ - HARPOON 30W PA KITS (EACH) 1 Year Extended Maintenance \$ -  Maintenance \$ -									
Covers 1 additional year of maintenance after initial 1 year warranty on new equipment when purchased.  KINGFISH 1 Year Extended Maintenance \$ 4,000 \$ - initial 1 year warranty on new equipment when purchased.  KINGFISH 1 Year Extended Maintenance \$ 5,000 \$ - initial 1 year extended Maintenance \$ 5,000 \$ - initial 1 year Extended Maintenance \$ 1 Year Extended Maintenance \$ - initial 1 year Extended Maintenance \$ 1 Year Ext				\$				-	
AJ-W   1 Year Extended Maintenance   \$ 5,000   \$ - 1								-	
purchased. HARPOON 30W PA KITS (EACH) 1 Year Extended Maintenance \$ 2,000 \$ - Maintenance \$ -									
Maintenance \$ -	initial 1 year warranty on new equipment when								
	purchased.	HARPOON 30W PA KITS (EACH)	1 Year Extended Maintenance					-	
Configuration Total: \$ 169,300								-	
				Confi	guration T	otal:	\$ 16	9,300	

'Slandard Delivery is 120 Days ARO (see notice below re FCC) - StingRay System and KingFish System Delivery is 90 Days ARO
StingRay II Hardware platform comes standard without Software. Protocol Software (CDMA, GSM, or iDEN) must be purchased separately (includes SDR and Controller Software
StingRay II Hardware platform comes standard without a controller computer. A Laptop or Mini PC must be purchased separately
The unit prices above include 1 year Hardware warranty and 1 year access to Software upgrades for the protocol(s) purchaser

1 Year extended Maintenance Agreements are available for fixed annual prices for the RayFish systems and some accessories.

Maintenance Agreements provide for an additional 12 months of extended Hardware warranty and Software upgrades

Training classes, when purchased, are 12 hours (2 days) per product per protocol (unless stated otherwise) with 4 students maximum per class. Training is not included.

RayFish® family products are typically deployed in both mobile and/or man-portable modes of operation. The StingRay II is a mobile platform that requires the use of a 2000W or better power inverter. The StingRay and KingFish platforms can be used with a typical 12 V DC cigarette lighter in-vehicle. All units may be powered indoors using common building wall plugs. The mobile platforms are usually deployed in larger SUVs or vans, and many users mount their equipment on or in special enclosures where it can be secured to prevent a flying hazard in the event of rapid stops or collision. Agencies planning their deployment should ensure that needed space, power, vehicles, privacy and concealment concerns are addressed in the planning and budgeting phase

Susan McCreery Account Manager, Advanced Programs Prices Subject To Change Phone: 321-309-7459 Contact: Email: susan.mccreery@harris.com