



Vigilant Eagles



USN Community Brief

MH-60R / MH-60S / MH-53E

LT HSM / LT HSC / LT HM



Overview



- STUCON selection process
- HSM
 - MH-60R capabilities and locations
 - FRS, fleet squadron, deployments
- HSC
 - MH-60S capabilities and locations
 - FRS, fleet squadron, deployments
- HM
 - MH-53E capabilities and locations
 - FRS, fleet squadron, deployments





Selection Process



- Fill out your preference card in STUCON and discuss it with a Navy STUCON Officer
 - This should be complete 1 week prior to LFF.
 - Dates under glass in STUCON.



NAVY PREFERENCE SCORE SUMMARY

HT- 18

EST. WINGING DATE:

<u>RANK:</u>	<u>Today's Date:</u>
Please use formal name	
<u>LAST NAME:</u>	<u>GENDER:</u>
<u>FIRST NAME:</u>	<u>PHONE NUMBER:</u>
<u>MI:</u>	<u>Number of Dependents (Mandatory):</u>
<u>DOD ID Number (Back of ID):</u>	
<u>REMARKS (for serious consideration)</u>	
<u>SERE: (circle) Yes or No **If yes, Date Attended:</u>	
<u>Do you need to be colocated? (circle) Yes or No</u>	
<u>Do you have any need to be in the Exceptional Family Member Program (EMFP)? (circle) Yes or No</u>	

PREF. ORDER	AIRCRAFT	COAST
	MH-60R	HSM- EAST (Jacksonville)
	MH-60R	HSM- WEST (San Diego)
	MH-60R	HSM- HAWAII (Kaneohe Bay)
	MH-60R	HSM- JAPAN (Atsugi, Japan)
	MH-60R	HSM- ROTA (Rota, Spain)
	MH-53E	HM- EAST (Norfolk)
	MH-60S	HSC- EAST (Norfolk)
	MH-60S	HSC- WEST (San Diego)
	MH-60S	HSC- JAPAN (Atsugi, Japan)
	MH-60S	HSC- GUAM (Yigo, Guam)

ADVANCED FLIGHT GRADES



Selection Process



- LFF Complete!
 - Sign the LFF Book
 - Instructions under the glass in STUCON, read the binder!
 - Your grades are calculated, but no, we will not tell you your NSS until you check out
- What does STUCON do?
 - STUCON officers receive the “slate”, which contains the available slots for your winging
 - The “slate” is solely matched to the number of wingers
 - All three squadron’s STUCON officers work together during the selection process
 - Each squadron’s XO and CO approve proposed selections
 - Wing approves selections, sent to PERS
 - Once PERS approves, selections are final
 - Order are then written as PERS is able



Selection Process



- Picking a Helicopter Community
 - Talk to your on-wing
 - Talk to other instructors
 - Talk to other students
 - Do your own research
 - Numerous resources available, from NATOPS, Wikipedia, YouTube, etc.
 - Attend this lecture and come up with intelligent questions to help your decision process
 - Accept and love what the Navy gives you



Helicopter Maritime Strike





HSM



- Performance

- Speed: 180/120 kts
- Endurance: 2.5 - 4.0 hrs
- Weight: 23,500lbs (CVN) / 22,500 (expeditionary)

- Standard Crew

- 1 pilot / 1 ATO / 1-2 Aircrewman

- Armament

- AGM-114 Hellfire
- APKWS
- MK-46/54 Torpedoes
- GAU-21 / M-240D
- ASE (Flares, Chaff)
- Sonobuoys

- Sensors

- AAS-44 MTS
- APS 147/153 Radar
- AQS-22 Dipping Sonar
- ALQ-210 ESM



Hellfire and APKWS





Primary Missions (MH-60R)



- Surface Warfare
- Anti-Submarine Warfare
- Electronic Warfare
- Command and Control
- Non-Combat Operations



Secondary Missions (MH-60R)



- Amphibious Warfare
- Air Warfare
- Health Services (MEDEVAC)
- Fleet Support (SAR)
- Intelligence Operations
- Logistics (VERTREP)
- Naval Special Warfare





HSM Squadrons



- Jacksonville / Mayport, FL
 - HSM 40, 46, 48 – NS Mayport
 - HSM 60, 70, 72, 74 – NAS Jacksonville
- San Diego, CA
 - HSM 35, 41, 49, 73, 75, 78, 79 – NAS North Island
- Kaneohe Bay, HI
 - HSM-37 – MCAS Kanehoe Bay
- Rota, Spain
 - HSM-79 – NS Rota
- Atsugi, Japan
 - HSM-51, 77 – NAF Atsugi



Jacksonville, FL

LT SPLATT
LT BURGESS
LT HALLER
LT WEPPL
LT SCHUBRING





San Diego, CA



Photo by Ted Carlson

**LT BROWN
LT LORENZ**

HELTRARON EIGHTEEN

WARRIORS TRAIN HERE



Kaneohe Bay, HI



LT MANNARINO



HELTRARON EIGHTEEN

WARRIORS TRAIN HERE



Atsugi, Japan

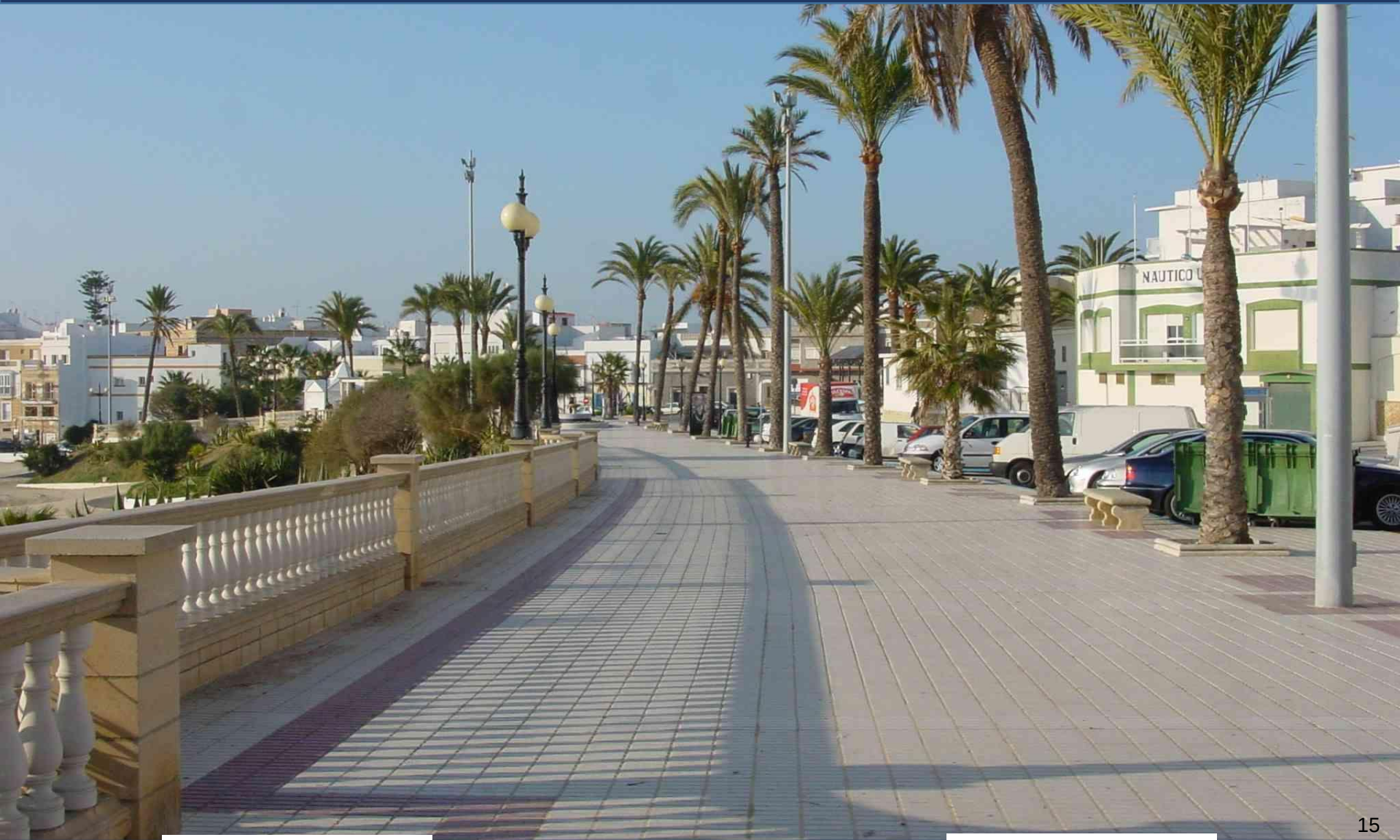


LT SING
LT O'CONNELL
LT REGIS





Rota, Spain



HELTRARON EIGHTEEN

WARRIORS TRAIN HERE



HSM FRS



- HSM 40
 - East Coast – Mayport, FL
- HSM 41
 - West Coast – San Diego, CA
- Length
 - 9-12 Months
 - 3-4 months flight
 - 6-8 months tactics
- Expectations
 - PQM
 - Level 1 ATO
 - Still a student until FRS complete





HSM Squadron Life



- Squadron Qualifications
 - PQM / ATO LVL I: Upon FRS Completion
 - H2P / ATO LVL II: Up to 8 months
 - HAC / ATO LVL III: 18-24 months
 - FCP: ~24 months
 - ATO LVL IV: as desired/available
- CVN vs Expeditionary
 - Entire squadron deployment vs dets
 - Everybody gets a chance at small boy





HSM Deployment



- CVN (HSM-7X)
 - 5 MH-60R – CVN
 - 2 MH-60R – CG
 - 2 MH-60R – DDG
 - 2 MH-60R – DDG
- Expeditionary
 - 1 or 2 MH-60R
 - DDG / CG / LCS
- 24/7 MH-60R CVN
- Only organic CVN ASW asset
- Strait Transits
- Ports!





Questions?



HELTRARON EIGHTEEN

WARRIORS TRAIN HERE



Helicopter Sea Combat





HSC



- Performance
 - Speed: 180/156 kts
 - Endurance: 3.0 - 4.0 hrs
 - Weight: 23,500lbs
- Standard Crew
 - 2 pilots / 2-3 Aircrewman
- Armament
 - AGM-114 Hellfire
 - APKWS
 - UGR (2.75inch Rockets)
 - GAU-21 / M-240D
 - ASE (Flares, Chaff)
- Sensors
 - AAS-44 MTS
 - ASE (Survivability Equipment)
 - ROVER (Live stream video)
 - ALMDS (Airborne Laser Mine Detection System)



Hellfire and APKWS





Primary Missions (MH-60S)



- Vertical Replenishment (VERTREP)
- Logistics
- Search and Rescue (SAR / Plane Guard)
- MEDEVAC
- Anti- Surface Warfare (ASUW)
- Humanitarian Aid / Disaster Relief (HADR)





Secondary Missions (MH-60S)



- Spec Warfare (SOF, HVBSS/MIO)
- Combat Search and Rescue (CSAR)
- Mine Countermeasures





HSC Squadrons



- Norfolk, VA
 - HSC 2, 5, 7, 9, 11, 22, 26, 28 – NS Norfolk
- San Diego, CA
 - HSC 3, 6, 8, 14, 21, 23, 85– NAS North Island
- Yigo, Guam
 - HSC - 25 – Anderson AFB, Guam
- Atsugi, Japan
 - HSC - 12 – NAF Atsugi





San Diego, CA



LT SKALSKI



HELTRARON EIGHTEEN

WARRIORS TRAIN HERE



Norfolk, VA



**LT BORNEMAN
LT ELLIS
LT EVANSKI
LT GAWNE
LT MAGUIRE
LT RESUE
LT SCARFO**



Yigo, Guam



LT GORDON



HELTRARON EIGHTEEN

WARRIORS TRAIN HERE



Atsugi, Japan



HELTRARON EIGHTEEN

WARRIORS TRAIN HERE



HSC FRS



- HSC 2
 - East Coast – Norfolk, VA
- HSC 3
 - West Coast – San Diego, CA
- Length
 - 7 - 9 Months
- Expectations
 - PQM
 - Level 1 Tactics
 - Still a student until FRS complete





HSC Squadron Life



- Squadron Qualifications
 - PQM / SWTP LVL I: Upon FRS Completion
 - H2P / SWTP LVL II: 3-6 months
 - HAC / SWTP LVL III: 12-24 months
 - FCP: ~24 months
 - SWTP LVL III instructor ~ 24 months
- CVN vs Expeditionary
 - Entire squadron deployment vs dets
 - CVW – CVN, USNS





HSC Deployment



- CVW
 - CVN
 - USNS
- Expeditionary
 - LHA / LHD / LPD
 - CVN
 - USNS
 - LCS
 - Land Based Dets
 - Bahrain
 - Naples





Questions ?





Helicopter Mine Countermeasures





HM



- Performance

- Speed: 150 kts
- Endurance: 5.0 hrs
- Weight: 69,750 lbs
- Payload: 20,000 lbs Internal / 25,000lbs External

- Standard Crew

- 4-6 Crewmembers
- 55 Troops

- Armament

- GAU-21
- M240-D x2

- Sensors

- AN/AAR-47 IOSC
- MK-105 "The Sled"
- MK-104 Acoustic MCM
- MK-103 Mine Cutter
- Q24-B Sonar/Laser MCM
- MOP





Primary Missions (MH-53E)



- Airborne Mine Countermeasures (AMCM)





Secondary Missions (MH-53E)



- VOD / Logistics
- Heavy Lift
- Humanitarian Aid / Disaster Relief (HADR)
- Naval Special Warfare





HM Squadrons



- Norfolk, VA
 - HM 14
 - HM 15





Norfolk, VA



- LT Scheimreif



HM FRS



- HM 12
 - Norfolk, VA
- Length
 - 6 - 8 Months
- Expectations
 - PQM
 - Level 1 Tactics
 - Still a student until FRS complete





HM Squadron Life



- Squadron Qualifications
 - PQM / AMCM LVL I: Upon FRS Completion
 - H2P / AMCM LVL II: 3-6 months
 - HAC / AMCM LVL III: 12-24 months
 - FCP: ~24 months
 - AMCM LVL IV Instructor ~ 24-30 months
- Yearly Ops
 - Key West HARP x2
 - RIMPAC
 - BALTOPS
 - Mountain Flying West VA





HM Deployment



- Expeditionary
 - CVN
 - USNS
 - LHA / LHD / LPD
- Expeditionary!
 - Hotels (NOT boat)
 - Per Diem
 - Land Based Dets
 - DET 2A – Pohang, Korea
 - DET 1A – Manama, Bahrain





Questions ?

