

# PRESENTATION ON THE TRANSFORMATION OF THE SA NAVY

18 May 2007

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#### **AIM OF BRIEFING**

# To brief the JSCD on the transformation of the SA Navy





#### **SCOPE**

- Introduction
- Organisational Transformation
- Transformation of the Force Design
- Transformation of the Force Structure
- Transformation of the Human Resource Component
- Transformation of the Training System



#### **SCOPE 2**

- Transformation of the Logistics System
- Transformation of the Policy Infrastructure
- Transformation of Naval Finance
- Co-ordinating and Integration Mechanisms
- Dispositional Transformation
- Managerial Challenges
- Conclusion

## **Transformation in the SA Navy**

Transformation in the SA Navy is defined as the change in form, outward appearance, character or disposition of the organisation. It is a non-incremental and simultaneous change of the Navy's strategy and structure, systems and processes, measurement and controls, culture and expectations, costs and capabilities

# The Organisational Transformation of the SA Navy

- A pro-active systems approach has been followed
- Maximum synchronisation between functional areas within the Navy
- Focus on the Core Business: Prepare Naval Forces
- Exploiting information technology
- Balance between all HR components

#### **INTRODUCTION**

#### **Transformation:**

Mandate & Mission

Organisation

**Force Structure** 

Force Design

**HR** Composition

Disposition

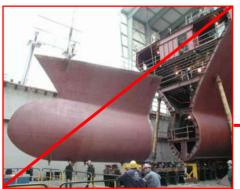
Staffing/People

**Training** 

**Process Improvement** 

Disposal

Acquisition of Strategic Defence Packages



Operational/Training Vessels

Transformation (NAVY REVIEW)

Resources

Critical Capacity Balance **Old Fleet** 



Bridging/Progression Training

Resources

**New Fleet** 

26 New Technologies and re-establishment of ASW





Output: Operational Ready Ships/Submarines



#### THE SA NAVY STRATEGY MANDATE



### **Envisaged SANDF and SA Navy Missions**

S/N	Military Strategic Objectives	Military Strategic Missions	Naval Missions
	а	b	С
1	To Enhance and Maintain	Non-Conventional Missions	Anti-Piracy Operations
2	Comprehensive Defence Capabilities	Health Support Missions	Maritime Evacuation and Humanitarian Aid
3	To Promote Peace, Security and Stability in the Region and the Continent	Peace Support Operations	Peace Operations Peacekeeping Peace Enforcement Peace Building
4	To Support the People of South Africa	Special Operations	Special Operations Evacuation Operations
5		Defence Diplomacy	Naval Diplomacy Assistance to Foreign Forces Naval Presence
6		Support to Government	Assistance to Foreign Forces Embargo, Sanctions and Quarantine Enforcement Maritime Aid to Civil Power including law enforcement Environment and Resources Protection Quarantine Operations, Drug Interdiction and Prevention of Illegal Immigration

# **Envisaged SANDF and SA Navy Missions 2**

S/N	Military Strategic Objectives	Military Strategic Missions	Naval Missions
	а	b	С
7	To Support the People of South Africa	Un-Conventional Missions	Maritime Strike and Interdiction
8		Disaster Relief and Humanitarian Aid	Disaster Relief and Humanitarian Aid Evacuation Operations
9		Presidential Tasks	Strategic Sealift Aid to Presidential Diplomacy
10		Conventional Missions	Maritime Strike and Interdiction Maritime Cover Layered Defence Maritime Containment Land Strike Coercion Naval Co-ordination and Guidance of Shipping

# The SA Navy System

**Output:** Supported and Ready Naval Forces

**Principles**: Systems Approach

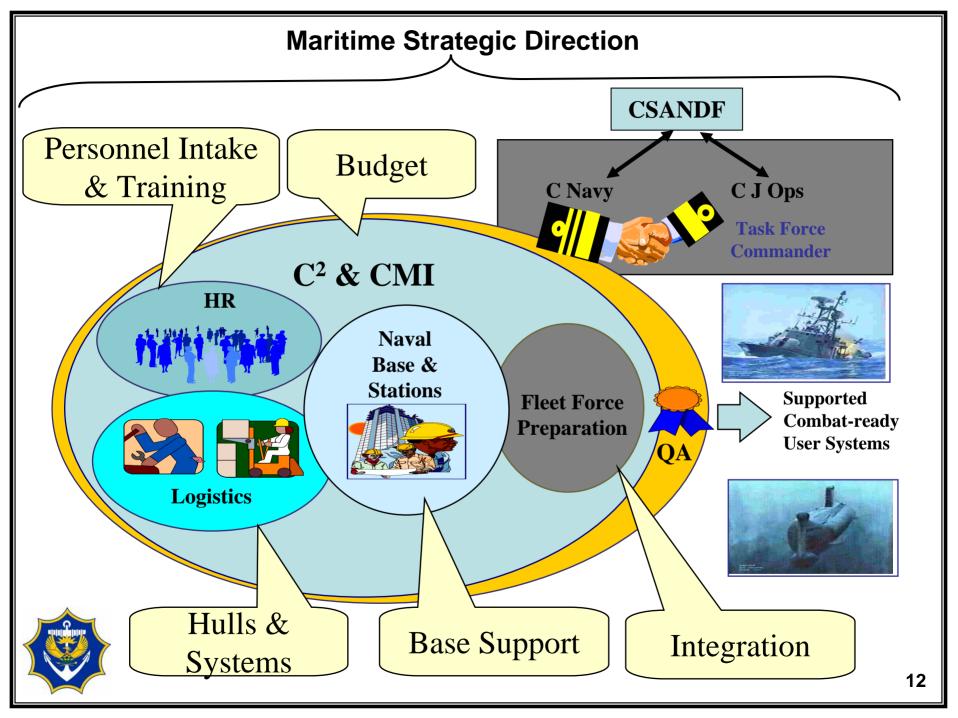
Integrated

Accountability

Responsibility

**Matrix Organisation** 





### THE SA NAVY FORCE DESIGN





### Force Design

		Force Design		Force Design 2006			
SN	FSE	"As Is"	DR 98	CRF	CF	U/Trng	Totals
1	FAC (M)	3	6	0	0	0	0
2	FSG	4	4	2	1	1	4
3	SSK	1+2	4	1	1	1	3
4	CSS	1	1	1	0	0	1
5	LPD (H)	0	0	1	0	0	1



**CRF: Contingency Ready Force** 

**CF: Contributing Force** 

**U/Trng: Force Under Training** 

# Force Design (Continued)

Force Design				Future Force Design 2006			
SN	FSE	"As Is"	DR 98	CRF	CF	U/Trng	Totals
1	MCMV	3	8	1 system	0	1 system	2 systems
2	AGS	1	1	1 x MHST	1	0	1 + 1
3	ODT	1+1	0	2	0	1	3 teams
4	Patrol	3 x IPV	2 x IPV	2	2	2	3 x IPV 3 x OPV
5	OBS	16	39	8	4	4	16 boats

#### **SAN Patrol Corvettes**



#### **Cost Considerations**

Posts: 110

Item 10 (Annual): RM 13

Maintenance & Upkeep: RM 42.75

(excluding direct costs)

- 4 x SAN PCs Built by Blom &Voss in Germany and all vessels have been commissioned into the Navy
- All vessels undergoing local combat suite installation and integration
- Due to start entering service from early 2006
- Capable of operating Super Lynx or Oryx helos
- Complement: 115 including aircrew
- Significant stealth features small RCS, low IR signature
- Weapons: 8 x Exocet SSM, 16 x Umkhonto SAM, 1 x 76mm Oto Malara, 20mm SAN Mk1
- Speed: 28 Knts+
- Endurance: 28 days
- Range: 7000 nm



#### **Type 209 Submarines**



#### **Cost Considerations**

Posts: 30

Item 10 (Annual): RM 4,5

Maintenance & Upkeep: RM 21

(excluding direct costs)

- 2 submarines delivered and commissioned into the Navy
- 1 x 209 currently under construction at GSC in Germany
- Construction commenced 2000 lead vessel to be delivered in early 2006 then 1 every 12 months
- Complement: 30 with 5 trainees
- Weapons: 14 x 533mm torpedoes (8 forward tubes + 6 reloads), also has mine-laying capability and FFBNW antisurface missile capability
- Speed: 20 knts submerged, 10 knts surfaced
- Endurance: 45 days
- Range: 11000 nm @ 8 knts

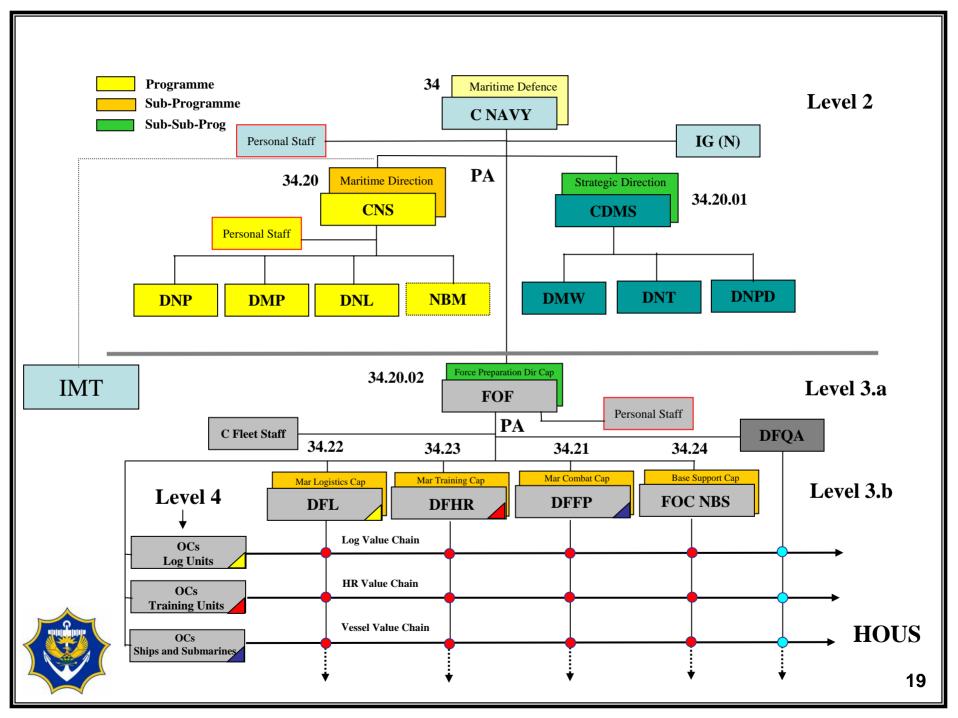


### THE SA NAVY FORCE STRUCTURE





New Fleet Command Headquarters; Simon's Town



#### **DIRECTOR FLEET HUMAN RESOURCES**

#### MARITIME WARFARE SCHOOL



HR **Sub-Programme** 

> **Maritime Combat SGB**

Project SCREWDRIVER

#### SAS SIMONSBERG



Technical Training School



**SA NAVAL COLLEGE** 



PPP Sea Safety Training School

**SAS SALDANHA** 



**Fuel Farm** 





**Naval Dockyard Smst** 



#### **DIRECTOR FLEET LOGISTICS**



Log Sup Sub-Programme

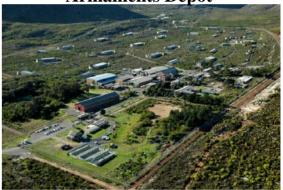
**Fleet Maintenance Unit** 



**Engineering Services** 



Armaments Depot







"Job Masego" Wardroom



Dana Carrant



**Harbour Control** 



**Base Supply Organisation** 



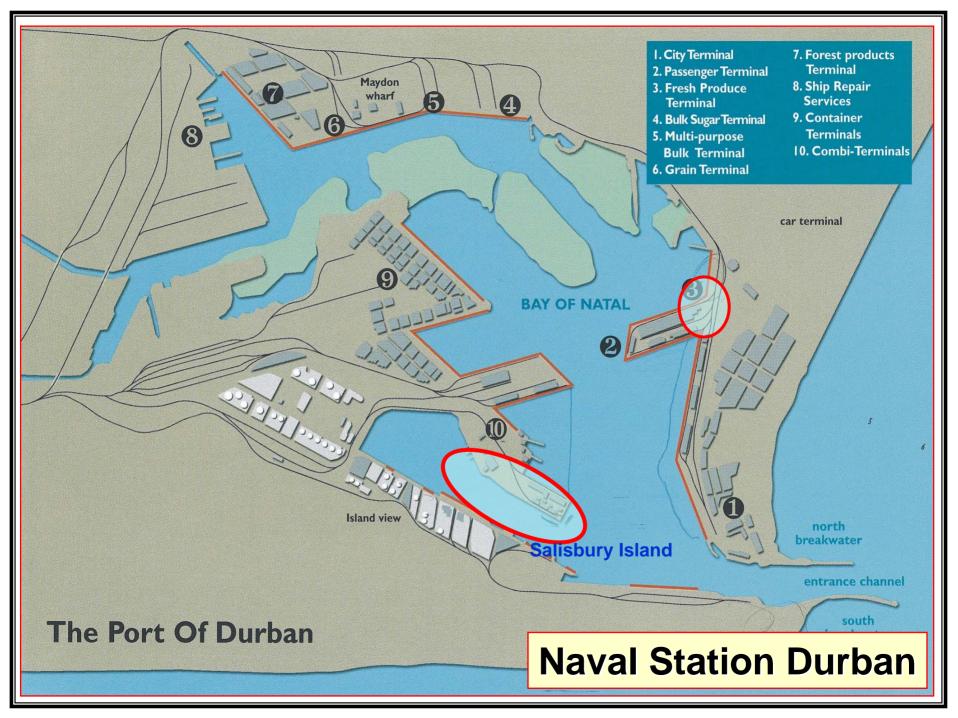
Base Support
Sub-Programme

**Admiralty House** 









# SUBMARINE CONTROL CENTRE SIMULATOR







# THE SA NAVY PERSONNEL SITUATION





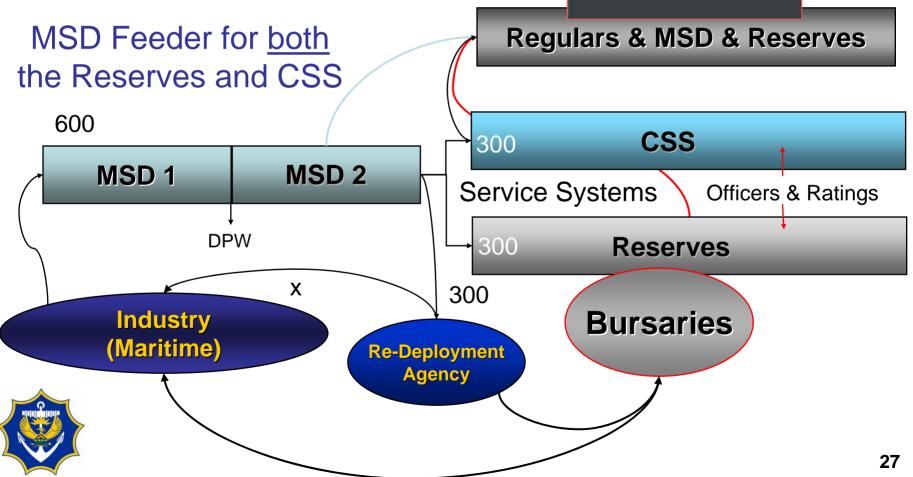
## Navy HR Turn Around Strategy

- Review of the Human Resources Strategy 2010
- Retention of Scarce Skills
- Targeted recruitment interventions
- PSAP recruiting
- Review of core HR processes

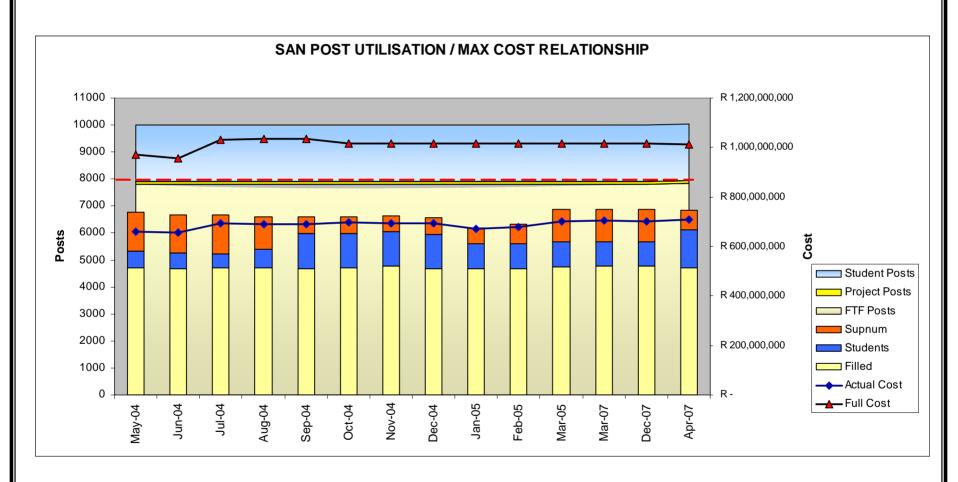


# Navy MSD & Reserve Concept





#### **SA NAVY: PEOPLE VS POSTS VS FINANCE**





#### **SA NAVY PERSONNEL COMPLEMENT**

DESCRIPTION	DETACHED	SA NAVY	TOTAL
PSAP	248	1540	1788
DAP	552	4792	5344
TOTAL	800	6332	7132

PERSONNEL SERVING IN SA NAVY	6332
GENDER	PERCENTAGES
MALES	81%
FEMALES	19%
TOTAL	100%



#### **REPRESENTIVITY: OFFICERS**

nk	Total Members	AF	AM	CF	CM	IF	IM	WF	WM
e Admiral	1	0	1	0	0	0	0	0	0
ar Admiral	3	0	1	0	0	0	0	0	2
ar Admiral (Junior Grade)	12	1	1	0	1	0	1	0	8
otain (SA Naw)	73	2	7	3	2	0	2	3	54
mmander	117	4	25	0	12	0	4	8	64
utenant Commander	83	3	34	0	5	1	2	9	29
utenant	109	4	43	1	13	1	4	6	37
Lieutenant	105	17	48	4	10	1	2	8	15
sign	77	18	41	1	3	0	3	2	9
b Total	580	49	201	9	46	3	18	36	218
		AFR	ICAN	COLC	URED	IND	IAN	WI	HITE
TAL	580	2	50	5	55	2	21	2	254
		PER	CENT	PER	CENT	PER	CENT	PER	CENT
	100%	43	3%	9	%	4	%	4	4%
	TARGET 2010	AFR	ICAN	COLC	URED	IND	IAN	WI	HITE
	100%	60%		15	5%	2'	%	2	3%
-		FEMALE	MALE						
TAL	580	97	483						
		PER	CENT						
		17%	83%						
IAL	360	PER	CENT						



#### **REPRESENTIVITY: RATINGS**

Rank	<b>Total Members</b>	AF	AM	CF	CM	IF	IM	WF	WM
Warrant Officer Class One	315	1	15	0	65	0	37	16	181
Warrant Officer Class Two	270	11	34	5	94	0	23	14	89
Chief Petty Officer	633	15	101	18	267	4	75	12	141
Petty Officer	792	40	206	49	292	8	90	23	84
Leading Seaman	895	102	406	49	187	7	33	34	77
Able Seaman	619	125	352	19	46	0	15	21	41
Seaman	679	130	342	47	89	1	3	13	54
Senior Pioneers	9	0	5	0	3	0	0	0	1
Sub Total	4212	424	1461	187	1043	20	276	133	668
		AFR	ICAN	COLO	URED	IND	IAN	W	HITE
TOTAL	4212	18	385	12	230	2	96	8	801
		PER	CENT	PER	CENT	PER	CENT	PER	CENT
	100%	45	5%	29	9%	7	%	1	9%
	TARGET 2010	AFR	ICAN	COLO	URED	IND	IAN	W	HITE
	100%	60	)%	15	5%	2	%	2	3%
ALL		FEMALE	MALE						
TOTAL	4212	764	3448						
		PER	CENT						
		18%	82%						



#### **REPRESENTIVITY: PSAP**

SALARY LEVEL	TOTAL	AF	AM	CF	CM	IF	IM	WF	WM
Level 14	1	Ai	Aivi	01	Olvi	-"	1141	**1	1
Level 13	1								1
Level 12	9				2				7
Level 11	12		2		4			1	5
Level 10	53		1		19			3	30
Level 9	23		·		11			2	10
Level 8	184	4	8	1	100	1	3	6	61
Level 7	274	2	4	3	140	2	1	18	104
Level 6	252	5	5	31	72	7	2	115	15
Level 5	148	8	9	18	103	·	2	3	5
Level 4	253	1	18	21	211		_		2
Level 3	75	1	14	3	56			1	
Level 2	254	11	40	87	112		1	-	3
Level 1	1			1					
Sub Total	1540	32	101	165	830	10	9	149	244
		AFR	ICAN	COLO	URED	INE	NAIC	WH	IITE
TOTAL	1540	1	33	9	95	1	i9	39	93
		PER	CENT	PER	CENT	PER	CENT	PER	CENT
	100%	9	%	65	5%	1	%	26	6%
	TARGET 2010	AFR	ICAN	COLO	URED	IND	IAN	WH	IITE
	100%	60	0%	15	5%	2	%	23	3%
ALL		MALE	FEMALE						
TOTAL	1540	1184							
			CENT						
		77%	23%						



#### **INCENTIVE SCHEMES**

- COMBAT INCENTIVE SCHEME
- > TECHNICAL INCENTIVE SCHEME
- PERFORMANCE INCENTIVE SCHEME



#### **COMBAT INCENTIVE SCHEME**

#### **QUALIFICATION REQUIREMENTS:**

- PERFORMANCE BONUS 1 (R 146 685) BWK CERTIFICATE
- PERFORMANCE BONUS 2 (R 183 084) PWO OR COQ 2 COURSE
- ➢ PERFORMANCE BONUS 3 (R 183 084) OC ENDORSEMENT TO BWC OR OC COURSE



#### **COMBAT INCENTIVE SCHEME**

**TOTAL - 161** 

Rank		F	Ger	Gender		
	Α	I	С	W	М	F
Esn	5	1	0	0	4	1
S Lt	13	0	4	6	19	4
Lt	26	3	9	34	63	9
Lt Cdr	6	1	0	21	25	3
Cdr	1	0	0	22	23	0
Capt	0	0	1	6	7	0
Sub Total	51	5	14 89		141	20
Total			16	61		

#### TECHNICAL INCENTIVE SCHEME

BASED ON QUALIFICATIONS AND MEMBERS ACQUIRING SPECIFIC COMPETENCIES

OFFICER	RATINGS
---------	---------

SANTECH 1
R 146 685
R 122 841

> SANTECH 2 R 183 084 R 146 685

> SANTECH 3 R 183 084 R 146 685



### **TECHNICAL INCENTIVE SCHEME - OFFICERS**

TOTAL 55

Rank		R	Gender			
	Α	1	С	W	М	F
Esn	1	0	0	0	1	0
S Lt	11	0	0	2	11	2
Lt	10	2	2	1	15	0
Lt Cdr	4	0	1	5	9	1
Cdr	4	0	3	9	7	9
Sub Total	30	2	6	17	43	12
Total			55		5	5



### **TECHNICAL INCENTIVE SCHEME - RATINGS**

TOTAL 348

Rank		R	Gender			
	Α	I	С	W	M	F
WO 1	3	6	7	25	41	0
WO 2	2	0	12	14	28	0
СРО	22	10	57	41	128	2
РО	37	18	53	24	127	5
LS	8	0	6	3	17	0
Sub Total	72	34	135	107	341	7
Total		(	348		34	18



### PERFORMANCE INCENTIVES(PI)

### **QUALIFICATION REQUIREMENTS**

- > 360 DEGREE METHODOLOGY FOLLOWED
- > 1681 PERSONNEL RECEIVED PI (FY 06/07)

•	GENDER	M	F	TOTAL	
•	AFRICAN	280	80	360	
•	INDIAN	109	20	129	
•	WHITE	338	133	471	
•	COLOURED	607	114	721	



### **PROMOTION STATISTICS 2006 TO DATE**

DESCRIPTION	PERIOD JAN 06 TO APR 07					
	CAPT	R ADM (JG)	R ADM			
TOTAL PROMOTED	20	7	1			
FORMER NON STATUTORY FORCES	7	2	-			
WOMEN	7	1	-			

RANK	RACE					
	African	Indian	Coloured	White		
Capt	9	1	3	7		
R Adm (JG)	2	-	-	5		
R Adm	-	-	-	1		



### PROMOTION STATISTICS 2006 TO DATE

DESCRIPTION	PERIOD JAN 06 TO APR 07						
	CDR	LT CDR	LT	S LT	ESN		
TOTAL	40	31	56	54	68		
FORMER NON STATUTORY FORCE	19	6	2	-	-		
WOMEN	9	6	7	15	13		

RANK	RACE						
	African	Indian	Coloured	White			
Cdr	25	-	2	13			
Lt Cdr	11	2	4	14			
Lt	29	4	7	16			
S Lt	34	2	4	14			
Esn	48	2	5	13			

### PROMOTION STATISTICS 2006 TO DATE

DESCRIPTION	PERIOD JAN 06 TO APR 07					
	WO1	WO2	СРО	РО	LS	AB
TOTAL PROMOTED	47	61	122	209	626	549
FORMER NON STATUTORY FORCES	17	13	10	3	1	ı
WOMEN	5	7	16	52	53	160

RANK	RACE						
	African	Indian	Coloured	White			
WO 1	19	6	12	10			
WO2	18	3	27	13			
CPO	44	14	39	25			
РО	103	20	70	16			
LS	176	8	44	34			
AB	432	7	53	57			

#### STUDY CONTRACTS

- > ANY MEMBER IN THE SA NAVY WHO WISHES TO STUDY MAY APPLY FOR A STUDY CONTRACT
- > ALLOCATION IS EFFECTED IN ACCORDANCE WITH POLICY GUIDELINES



### **STUDY CONTRACTS**

### **Tertiary Studies (196)**

Institution	Female	Male	Α	W	С	I
Cape University of	6	34	33	4	2	1
Technology	0	54	33	7		ı
UCT	7	18	16	5	4	0
Cape College	0	1	0	0	1	0
False Bay College	0	1	0	0	1	0
Durban Institute of	0	1	1	0	0	0
Technology	U	'	'	U	U	U
Northlink	6	81	45	17	22	3
University of	0	1	1	0	0	0
Johannesburg	U	I	'	U	U	U
University of	2	4	2	2	4	0
Stellenbosch	2	4	3	2	1	0
Mil Acad						
(Distance)	2	7	4	1	4	0
Mil Acad (Full	7	4.0	10		4	0
Time)	/	18	16	5	4	0
Sub Total	30	166	119	34	39	4
Total	19	96				



### **STUDY CONTRACTS**

**Tertiary Studies (Part Time) (149)** 

Institution	Female	Male	Α	W	С	I
Mancosa	1	1	1	1	0	0
U OFS	1	0	0	1	0	0
Intec	1	1	1	0	1	0
PE College	1	0	0	0	1	0
Oxbridge	1	0	0	0	0	1
Teachers Acad	1	1	0	1	1	0
Northlink	2	19	8	6	7	0
U of JHB	2	0	0	0	2	0
UNISA	51	19	34	9	21	6
Tswane Tech	8	32	17	9	11	3
CT College	2	0	2	0	0	0
US	5	0	1	3	1	0
Sub Total	76	73	64	30	45	10
Total	14	19				



# SUPPORT TO GOVERNMENT INITIATIVES: AsgiSA and JipSA

- Military Skills Development System and the Redeployment Agency
- Technical Training Centre
- Awarding of Bursaries to Reserve Force Members
- Social Responsibility Programme
- Sea Cadet Qualification
- Partnerships with Local Maritime Industry
  - Maritime Reaction Squadron

# TRANSFORMATION OF THE EDUCATION AND TRAINING SYSTEM





### CREDIT BEARING LEARNING: ACCREDITATION

- Accreditation.
  - ✓ Applications for accreditation submitted (All 5 Training Providers).
  - √ 3 Applications approved and 2 applications referred to correct SETA.
    - ❖ SAS WINGFIELD = MERSETA & Energy SETA.
    - ❖ Staff College = Services SETA.
- Qualtity Management System. Completed for all Training Providers.
- Management Information System (MIS). Installed and Working.
  - Updated to include Reserves & PSAP.
  - ✓ Verification of Bio and ETD Data.
- ETD Governing Body. Convened
  - Critical to Credit Bearing Learning.
  - ✓ New Chairperson.
- ETDP's.
  - ✓ SAN Registered as Service Provider (via Assessment College).
  - ✓ Steady Progress.



#### **CREDIT BEARING LEARNING: QUALIFICATIONS**

#### Skills Analysis.

✓ Completed.

#### Skills Audit.

- ✓ Verification.
- ✓ Progress steady but slow.

#### Standards Generating Body.

- Slow due to complicated process.
- ✓ Crucial to registration of Qualifications.

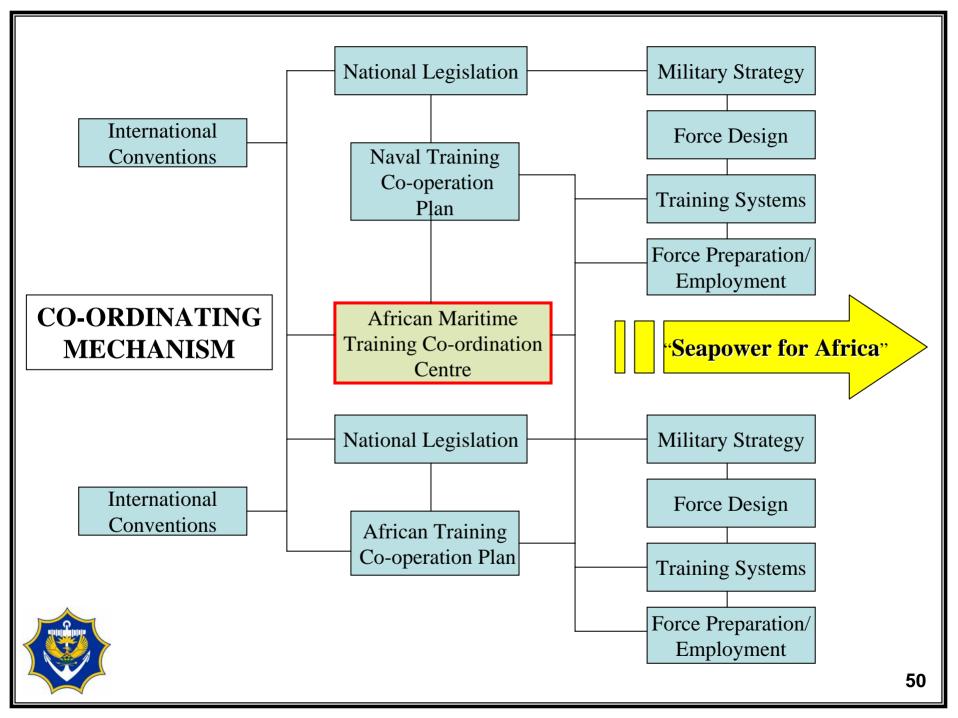
#### Combat Qualifications.

- √ 5 X Qualifications at SAQA.
- ✓ Meeting to resolve outstanding issues (SAQA + SAN + Transport SETA).

#### Technical Qualifications.

✓ 3 X Quals "ready" for Registration.





# TRANSFORMATION OF THE LOGISTIC SUPPORT SYSTEM



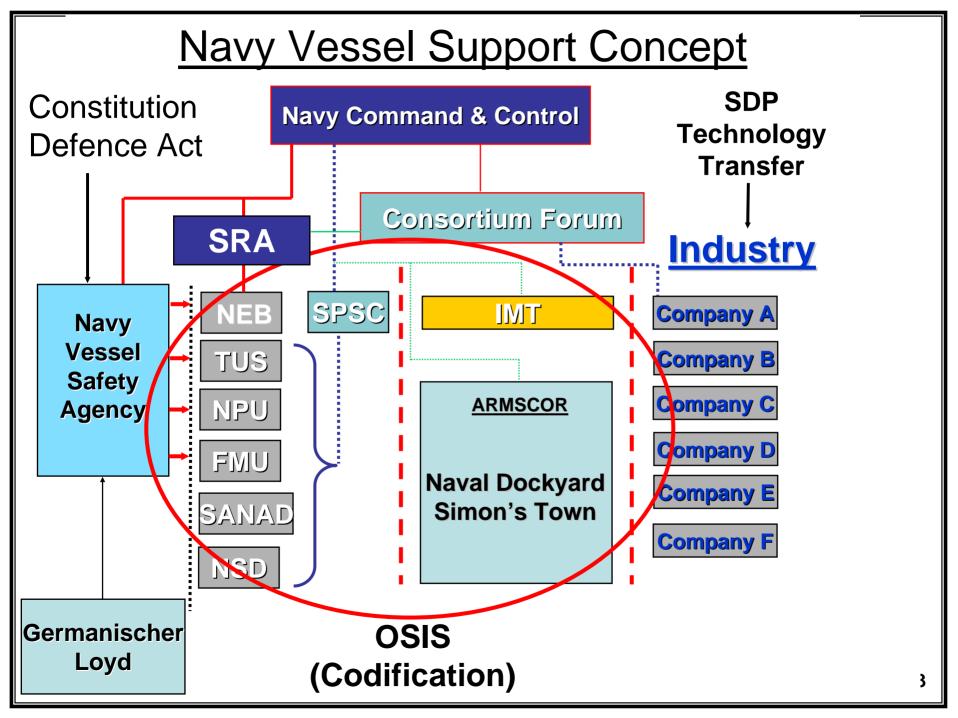


# SA Navy Logistic Support (Principles)

- Systems approach
- Supported ships and submarines
- Centralised direction; de-centralised execution
- Enabling
- Partnerships



Trhough-life support



# TRANSFORMATION OF THE POLICY INFRA-STRUCTURE





### INTENT

- To generate a policy infrastructure which is
  - relevant;
  - enabling as well as prescriptive;
  - user friendly; and
  - systemic.



# SERVICE DELIVERY AND GOOD GOVERNANCE

- Organisational Excellence through Effective Service Delivery (May 04)
- SA Navy Strategic Direction Process (Jul 04)
- Establishment of the Redesigned Reserve (Sep 04)
- Service Delivery Award Mechanism (May 05)
- Annual Reporting (Jun 05)
- Management of Revenue and Debt (Sep 05)
- Risk Management in the SA Navy (Jan 07)



## EQUITY AND HUMAN RESOURCE EMPOWERMENT

- Equal Opportunities and Affirmative Action (Jul 01)
- Mentorship (Aug 01)
- Staffing and Utilisation of Women at Sea (Feb 04)
- Social Responsibility (Nov 05)
- Learning Partnerships (Oct 05)
- Gender Transformation (Feb 06)



### **HUMAN RESOURCES**

- Staffing of Defence Act (Uniformed) Members (Aug 02)
- Selection and Development of MSD (Oct 02)
- SA Navy Human Resource Process (Dec 02)
- Military Training for Officers Part Two (Apr 03)
- Institution of SA Navy Staffing / Promotion Boards (May 03)
- Assessment and Selection of Naval Officers (Feb 04)
- Human Resource Planning Process (Feb 04)
- Unacceptable Behaviour / Misconduct during Learning
   Opportunities (Mar 07)



### SOCIAL RESPONSIBILITY

- Navy Support to Sea Cadets (May 04)
- Naval Social Responsibility Programme (Sep 05)



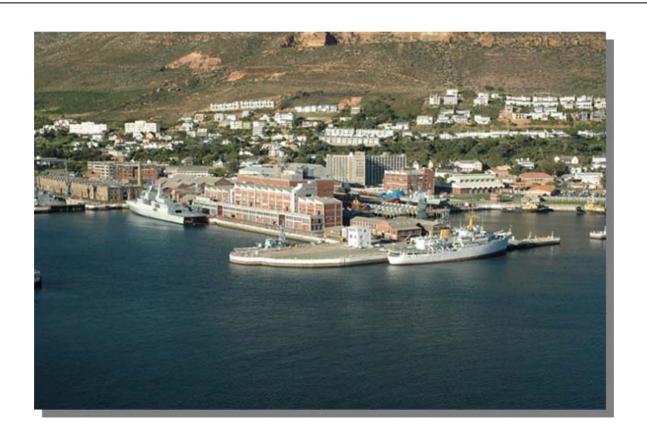
### CAPABILITY

 SA Navy Combat Capability Infrastructure (Jun 05)



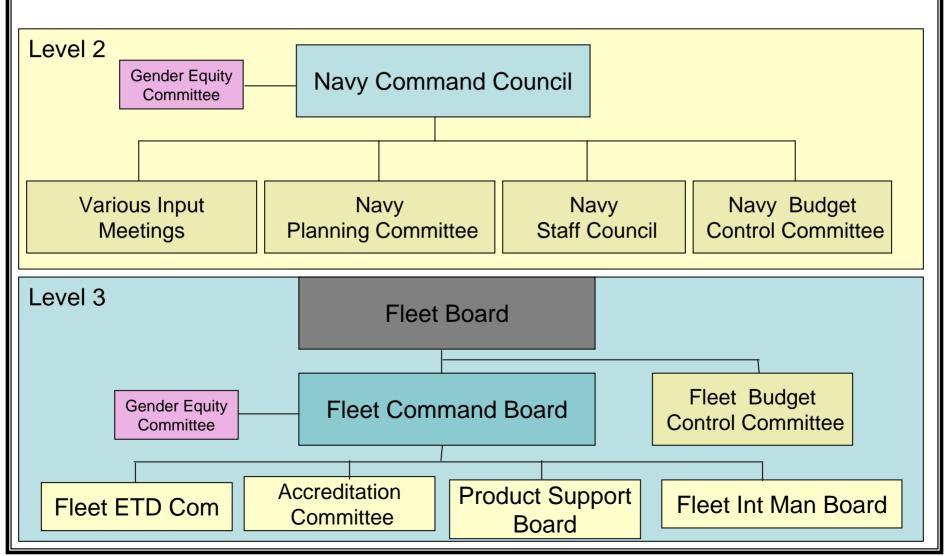


# TRANSFORMATION OF SA NAVY CO-ORDINATING AND INTEGRATING MECHANISMS





# SA Navy Co-ordinating Mechanisms

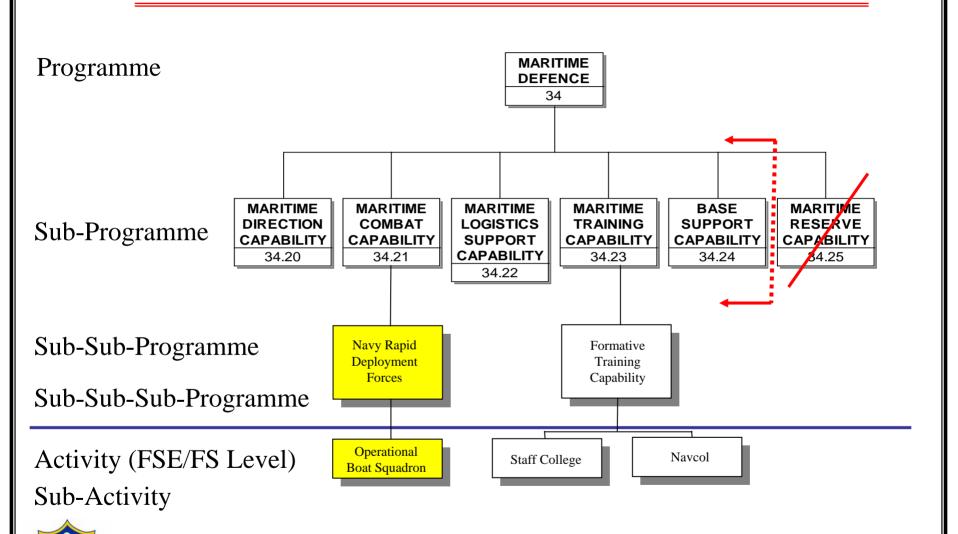


# THE SA NAVY FINANCIAL TRANSFORMATION





#### THE SA NAVY: OBJECTIVE/RESPONSIBILITY STRUCTURE





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### SA NAVY FINANCIAL ALLOCATIONS

Entity	04/05	05/06	06/07	07/08	08/09
	RM	RM	RM	RM	RM
Allocation	1,153,301	1,261,685	1,349,697	1,440,991	1,478,595
% Increase per year		9.40%	6.98%	6.76%	
Personnel	693,742	726,313	800,247	757,291	794,487
% of Allocation	60.15%	59.50%	62.34%	60.51%	59.82%
Navy Office	9,208	12,099	10,379	14,478	11,359
FOF	414,095	439,576	428,374	473,982	475,302
Corporate Commitments	36,254	42,696	44,697	43,676	54,932
Ringfenced:					
SDP	-	26,000	22,000	13,000	-
Screwdriver	-	15,000	30,000	40,000	-
BRUTES	-	-	-	11,550	16,760
XENA	-	-	14,000	14,000	39,000
Dockyard				73,013	86,755

Note: 08/09 figure excludes ICS and CTC



## Dispositional Transformation

Coherent organisational disposition is fundamental to successful transformation:

Professionalism

Discipline

**Patriotism** 

**Shared Focus** 

**Ethics and Morality** 



### **Dispositional Change**

- ➤ Key emergent issues:
  - HR transformation
  - Empowerment including gender mainstreaming and gender transformation
  - Service Delivery
  - Moral regeneration and ethical sensitivity
  - Good governance
  - Learning Culture



### PROGRAMME OF ACTION

- Interventions include:
- Empowerment workshops (Morality / Ethics, Diversity, Equity, Gender awareness, Change management)
- Participation in National Equity
- Commemoration
- Vigorous implementation of gender mainstreaming
- Formulation and monitoring of Equity Committees
- Co-ordination of
  - ✓ Diversity Management
  - ✓ EO and AA



## SA Navy: Managerial Challenges

- ➤ Despite all efforts to become more affordable, annual financial shorfall as follows:
  - ✓ Personnel: Rm 185
  - ✓ Goods and Services: Rm 271
  - ✓ One-time lifeline of Rm 497
- > Retention of trained personnel
- Incomplete force design
- > Facillities





# **CONCLUSION**

The SA Navy has made much progress in truly becoming the "Peoples Navy" and therefore reflects the resolve of our country; of selfless service in pursuit of organisational execellence in the Maritime Defence Programme of Government



# The people serving in the SA Navy are truly committed to uphold the Constitution of the RSA by being able to

'Fight at Sea"

**Core Business** 

"Win at Sea"

**Competency** 

"Unchallenged at Sea"

**Deterrence** 

Constitution: "Defend and Protect the Republic, its Territorial Integrity
And its People...."





# **QUESTIONS?**

