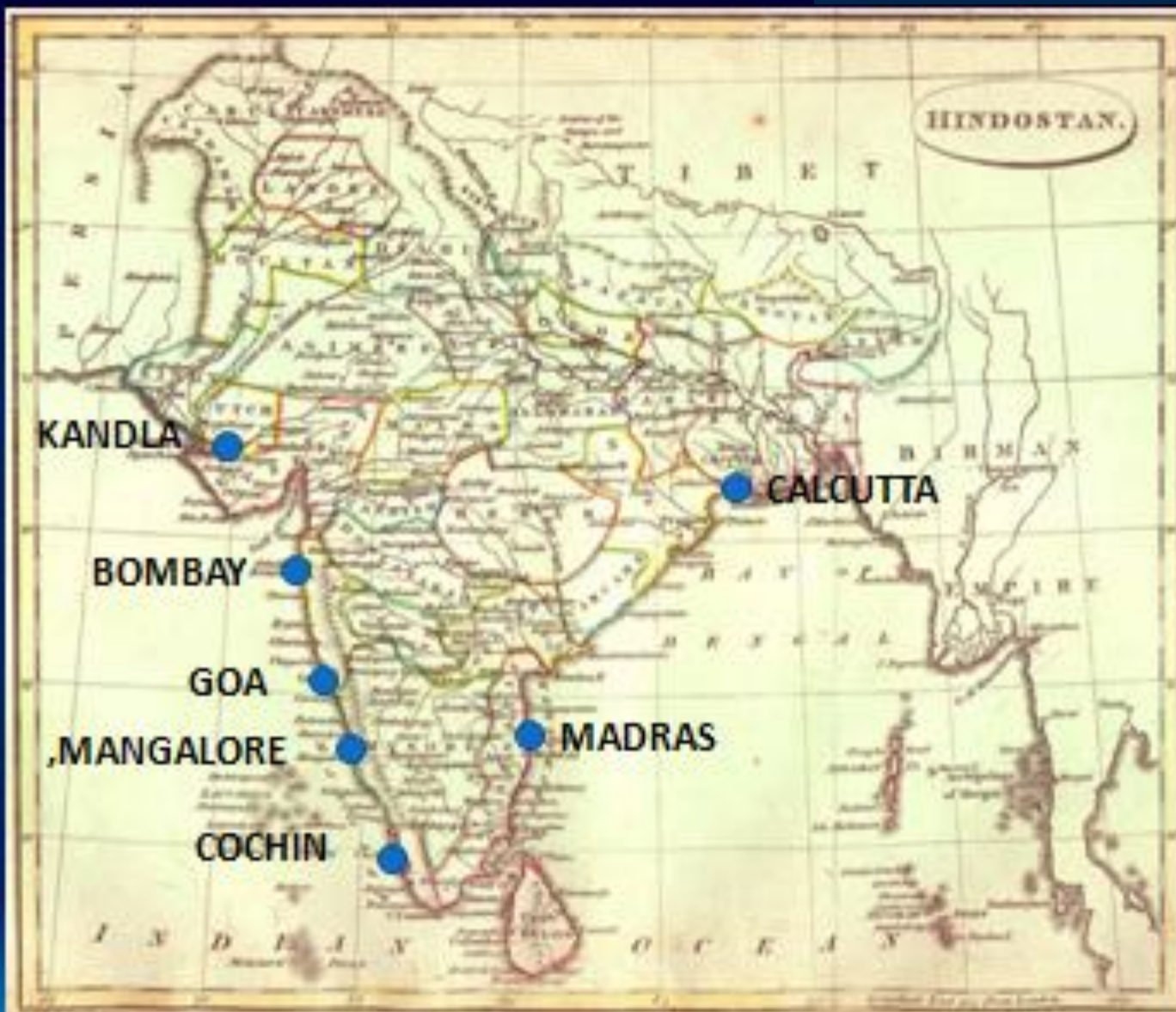




YESTERDAY





TODAY

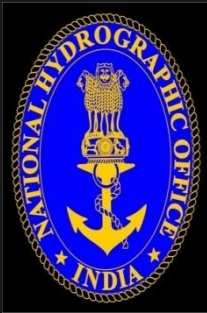


SURVEYS



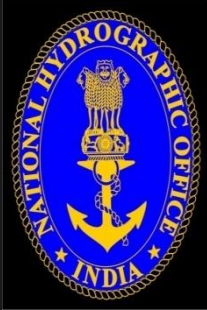
- NO OF NATIONAL SURVEYS – 57
- NO OF INT CO-OP SURVEYS IN 2011-12 – 12
- IN THE YEAR 2011-12 INT CO-OP SURVEYS OFF:
 - ALDABRA ISLAND, SEYCHELLES
 - CLCS SURVEY OFF MALDIVES
 - SURVEY OFF KENYA
 - MOZAMBIQUE AND MAURITIUS ON THE ANVIL

NEW TECHNOLOGIES FOR THE DEPARTMENT



- NEW CATAMARAN HULL SURVEY VESSELS
 - ROVS
 - AUVS
 - DELIVERY COMMENCING APRIL 2012
- ONE TRAINING VESSEL IN 2014
- HYDROGRAPHIC PRODUCTION DATABASE IN JUNE 2011

ENCs

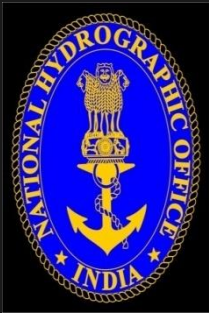


CATEGORY AS PER USAGE BAND

CATEGORY	USAGE BAND	No OF ENCs
Overview	1	6
General	2	14
Coastal	3	49
Approach	4	47
Harbour	5	99
Berthing	6	33
Total		248

**ABOUT A 100 NEW CHARTS SCHEMED FOR 25000 AND 50000 SCALE
ARE BEING PLANNED FOR RELEASE BY NEXT YEAR**

INT CHARTS AND NATIONAL PAPER CHARTS



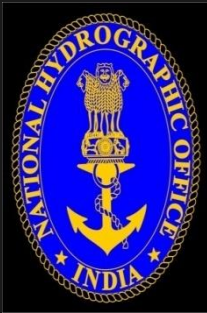
INT CHARTS

- TOTAL INT CHARTS – 82 (INCLUDES 26 NEW INT CHARTS)
- PRODUCTION STATUS – 53

NATIONAL CHARTS & PUBLICATIONS

- NATIONAL CHARTS – 337
- PUBLICATIONS – 16
- THESE ARE BEING DISTRIBUTED THROUGH A NETWORK OF 13 INDIAN AND 07 FOREIGN CHART AGENTS/ DISTRIBUTORS.

New Publications & Updates



NEW PUBLICATIONS

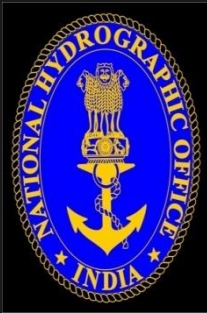
- NOTICES TO MARINERS – ANNUAL EDITION 2012
- TIDAL PREDICTIONS 2012 INDIAN AND SELECTED FOREIGN PORTS.

UPDATED PUBLICATIONS

- SYMBOLS AND ABBREVIATIONS USED ON CHART
- CATALOGUE FOR INDIAN CHARTS, ENCS AND PUBLICATIONS

CAPACITY BUILDING

(NATIONAL)



- MSI WORKSHOP INVOLVING SHIPPING INDUSTRY AND NATIONAL AGENCIES CONDUCTED IN JULY 2011
- TWO WEEK WORKSHOPS ON HYDROGRAPHY AND CARTOGRAPHY INCLUDING CHART DIGITISATION CONDUCTED FOR PORTS & OTHER AGENCIES

CAPACITY BUILDING

(TRAINING)

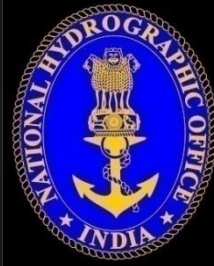


SINCE LAST TWO DECADES A TOTAL OF 520 INTERNATIONAL STUDENTS WERE TRAINED AT NIH, GOA

FOREIGN TRAINEES IN 2011-12

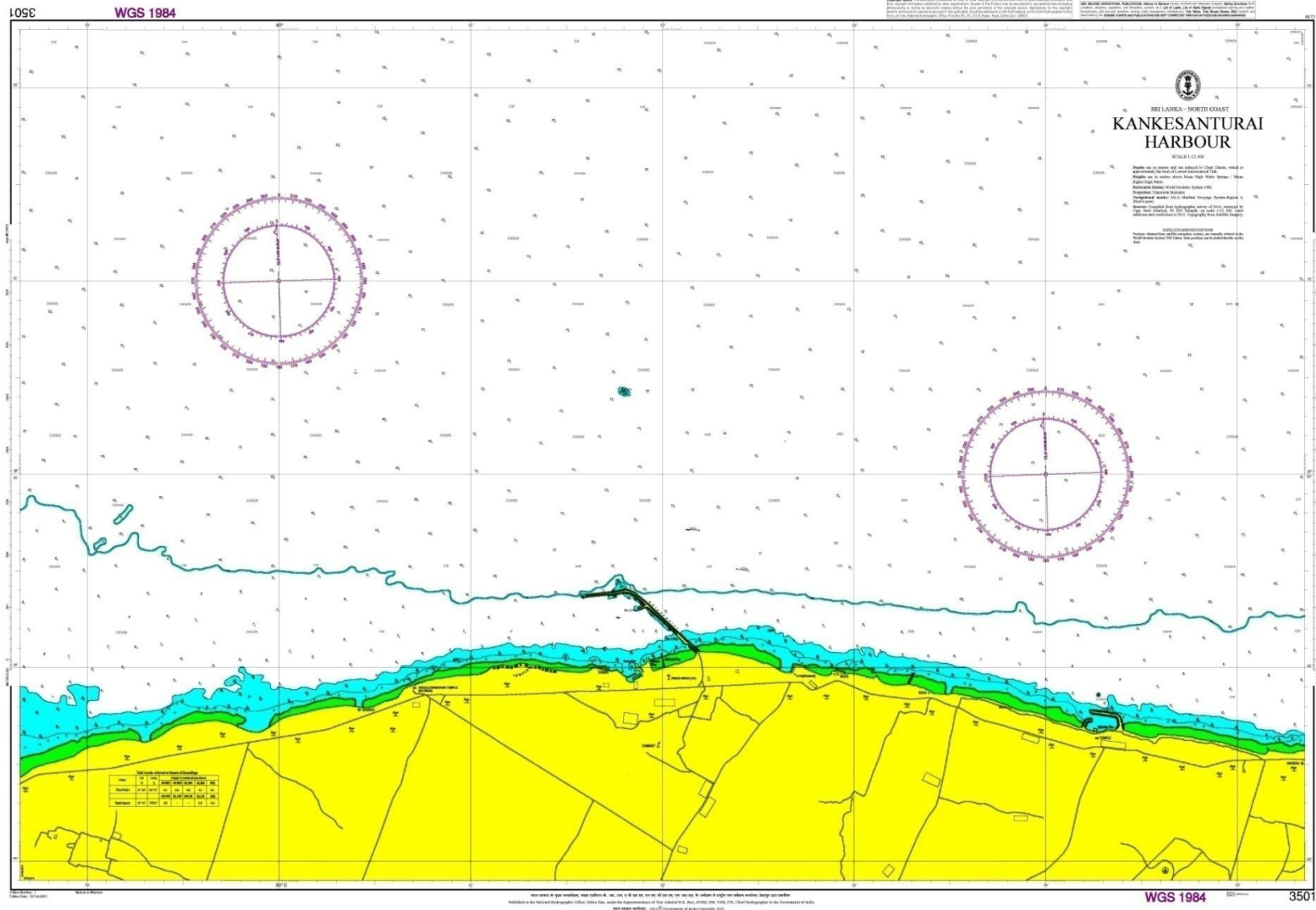
SL NO	COURSE	NO OF FOREIGN TRAINEES
(a)	Basic 'H'	06
(b)	Basic 'Q'	02
(c)	Long 'H'	06
(d)	'Q' SR	01
(e)	Onboard Training	03
	Total	18

INT CO-OP SURVEYS



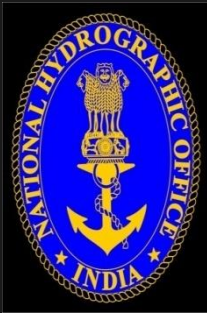
- **MAURITIUS : 18 SURVEYS, 07 CHARTS, ENCs 02**
- **MALDIVES : 05 SURVEYS, 02 CHARTS, NO ENC**
- **SEYCHELLES : 07 SURVEYS, 03 CHARTS, NO ENC**
- **SRI LANKA : 01 SURVEY, 01 CHART, NO ENC**

SRI LANKA



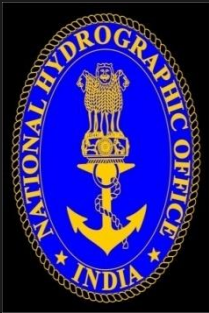
CAPACITY BUILDING

(INT CO-OP VISITS)



- INDO – SEYCHELLES - ONE SHIP PARTICIPATED IN THE CARNIVAL AT PORT VICTORIA 3RD MARCH 12
- INDO – REPUBLIC OF SOUTH AFRICA – SHIP VISIT TO CAPE TOWN & VISIT BY A SENIOR HYDROGRAPHER FOR DISCUSSIONS
- INDO – MOZAMBIQUE – SHIP CURRENTLY DEPLOYED FOR A SURVEY OFF BEIRA

COOPERATIVE MECHANISM IN THE STRAITS OF MALACCA & SINGAPORE



PROJECT I

- CONDUCTED OF A COURSE ON THE BATHYMETRY SURVEY AND WRECK INVESTIGATION AT NIH) GOA
- PERSONNEL FROM INDONESIA & MALAYSIA AND SINGAPORE TRAINED. FURTHER ASSISTANCE OFFERED

PROJECT IV

- US \$ 1.687 MN CONTRIBUTED TO THE PROJECT
- TO SET UP A NETWORK OF SIX TIDE GAUGES, CURRENT METERS AND WIND SENSORS EACH ALONG WITH INFORMATION DELIVERY SYSTEMS
- THE PROJECT IS SCHEDULED FOR COMPLETION IN MID 2012



THANK YOU