

Office of Naval Research Science Advisor Recruiting Brief

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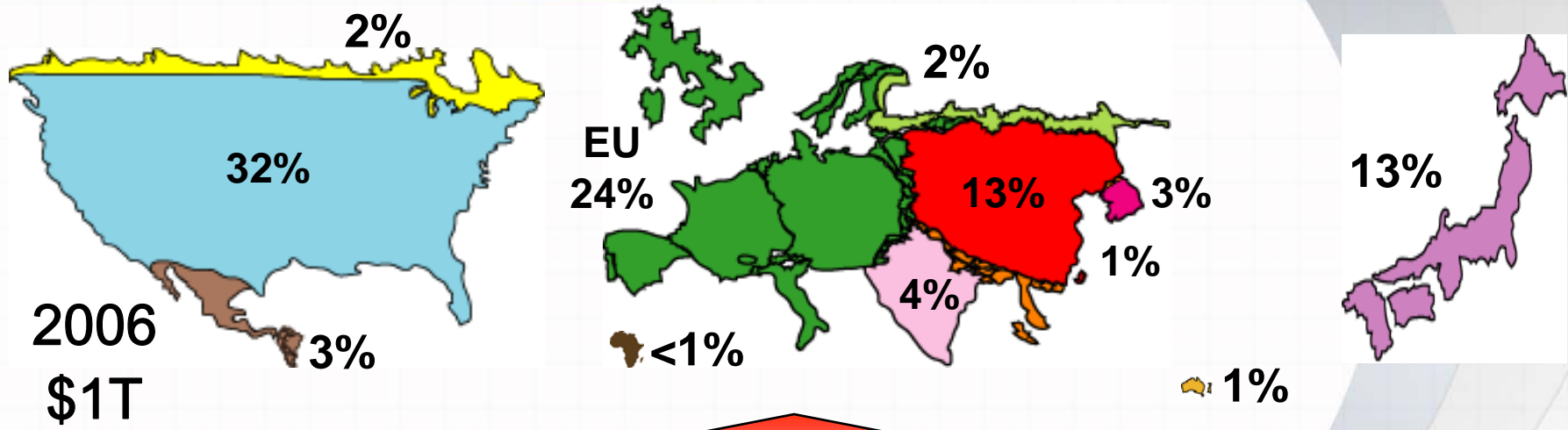
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World S+T Investment Dynamics

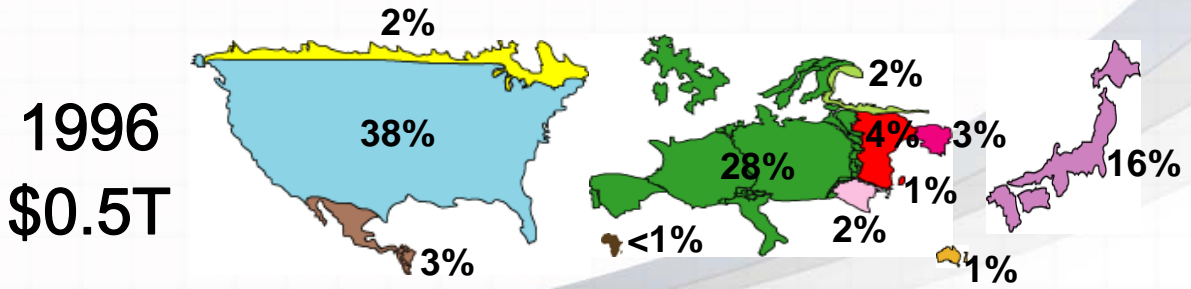
100% Global S&T Investment Growth in a Decade



2006
\$1T

+100%
Growth in Global
S&T Investment

** OECD 2007 PPP; 2007 Global R&D Report (Battelle)



1996
\$0.5T

* UIS S&T database; World Bank - PPP data

Significant Dilution of Relative US S&T Investment in a Decade



What Does a Science Advisor (SA) Do?

Provides two way communication between the Fleet Forces, ONR, and the NRE:

- Ensures Fleet Force capability needs are brought back to the NRE
- Champions NRE solutions to Fleet Force problems

Provides Naval Commanders with a direct Senior Staff link to NRE support S&T:

- Gathers and socializes requirements definition
- Defines resource allocation, prioritizes Command S&T needs
- Conducts and Coordinates Naval experimentation
- Develops prototype solutions and works out transition path options

Tours are 1-3 year developmental assignments for future NRE civilian leaders:

- Opportunity to work directly with the operational forces
- Gain hands on experience through exercises, demonstrations at-sea & in the field
- Develop an appreciation why and how decisions are made at the Command level





SAs are Part of ONR - Global

Science Advisor Program

- CNR's Ambassadors to the Fleet Forces
- Communicates Fleet/Forces capability needs to the US Naval Research Enterprise (NRE)
- Provides NRE solutions to Fleet/Forces problems
- Typically engineers from the NRE

Associate Director (AD) International Science Program

- ADs engage with leading edge international scientists & innovators
- Increases the Naval awareness of global technology
- Typically scientists with PhD's from Academia and Industry



International Engagement

NORTHCOM:

Canada
Mexico

EUCOM:

Armenia	Denmark	Ireland	Netherlands	Sweden
Austria	Estonia	Israel	Poland	Switzerland
Azerbaijan	Finland	Italy	Portugal	Togo
Belarus	France	Latvia	Romania	Tunisia
Belgium	Georgia	Lithuania	Russia	Turkey
Benin	Germany	Mauritania	Sao Tome & Principe	Ukraine
Bulgaria	Ghana	Moldova	Senegal	United Kingdom
Cameroon	Greece	Monaco	Slovakia	
Cape Verde Islands	Hungary	Morocco	Slovenia	
Croatia		Nigeria	South Africa	
Czech Republic		Norway	Spain	

PACOM:

Australia
India
Indonesia
Japan
Malaysia
Mauritius
New Zealand
South Korea
Singapore
Taiwan
Thailand
Vietnam

CENTCOM:

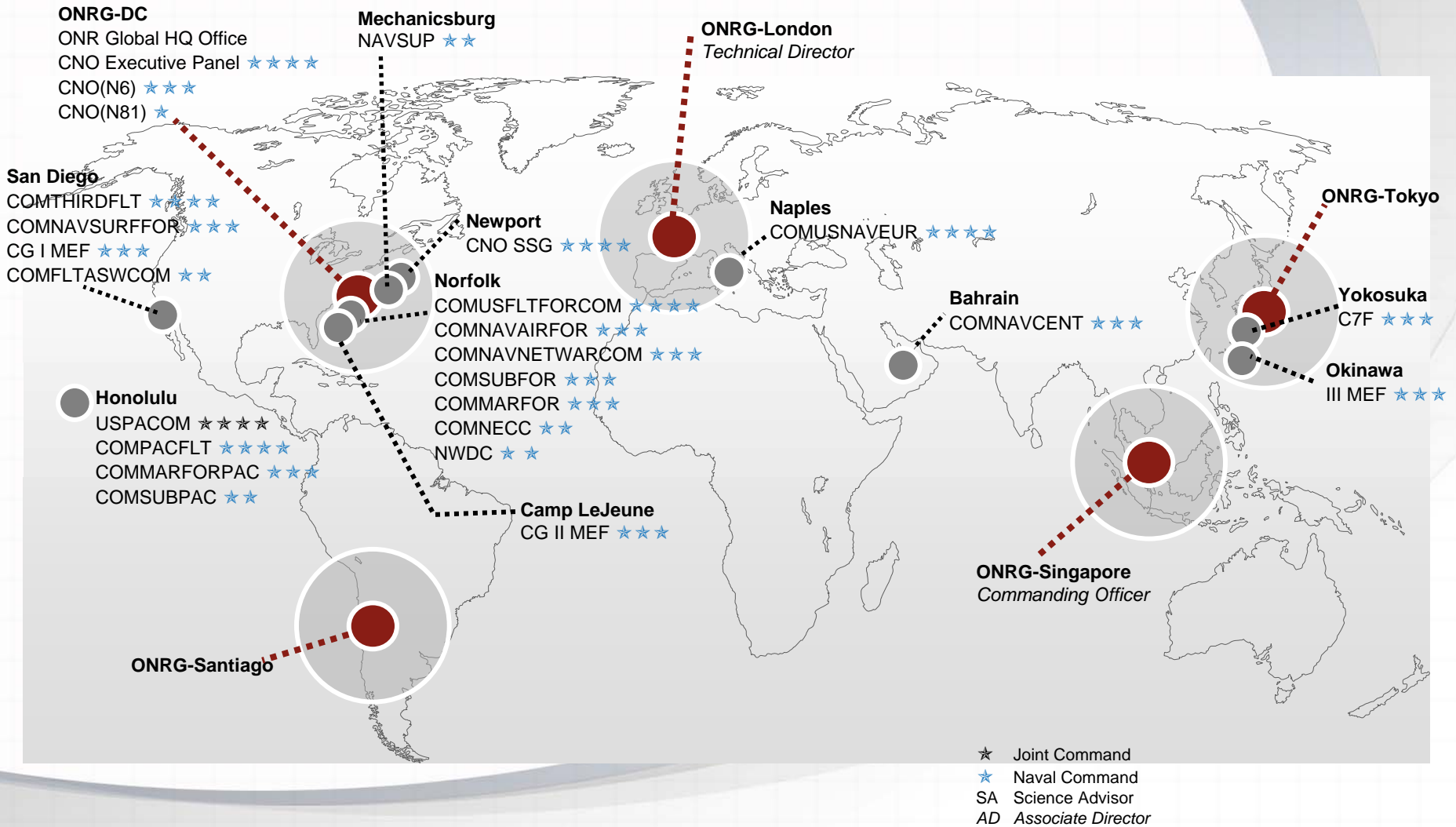
Bahrain
Egypt
Iraq
Kenya
Kyrgyzstan
Pakistan

SOUTHCOM:

Argentina
Brazil
Chile
Colombia
Panama
Peru
Uruguay



ONR Global Presence



Why Become A Science Advisor?

- Chance to directly serve and impact the Naval Fleet Forces
- Unique training and travel opportunities
- Most SAs consider Fleet Force tours the highlight of their career
- Get to see and be part of senior level decision making
- Best way to develop a Fleet Force Awareness
- Career growth, personal enrichment



Difference between “watching the news” & making it happen

Past SAs, Where Are They Now?

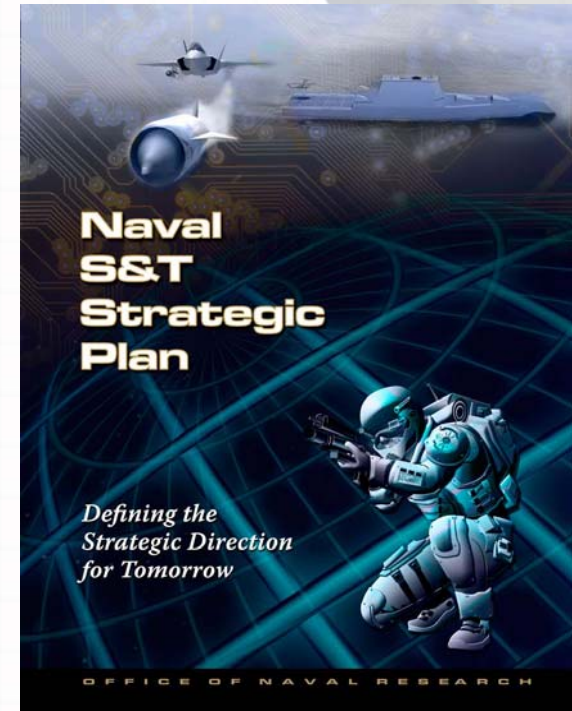
- Several have become SES, STs within a year of their tour
- Some Return to Challenging New Assignments Back at their Home Command
- Others Realize the Science Advisor Experience Opens New Doors to Opportunities
- New Focus: SA's "Draft" Package for return to Home Command





SA Obligations to ONR

- Provide Command S&T Requirements to ONR
- Regular Communication from Command to ONR
- Socialize with Command ONR S&T Requirements & capabilities
- ONR on site representative during Fleet Tech Exercises & Demos
- CNR's ambassador to the Command



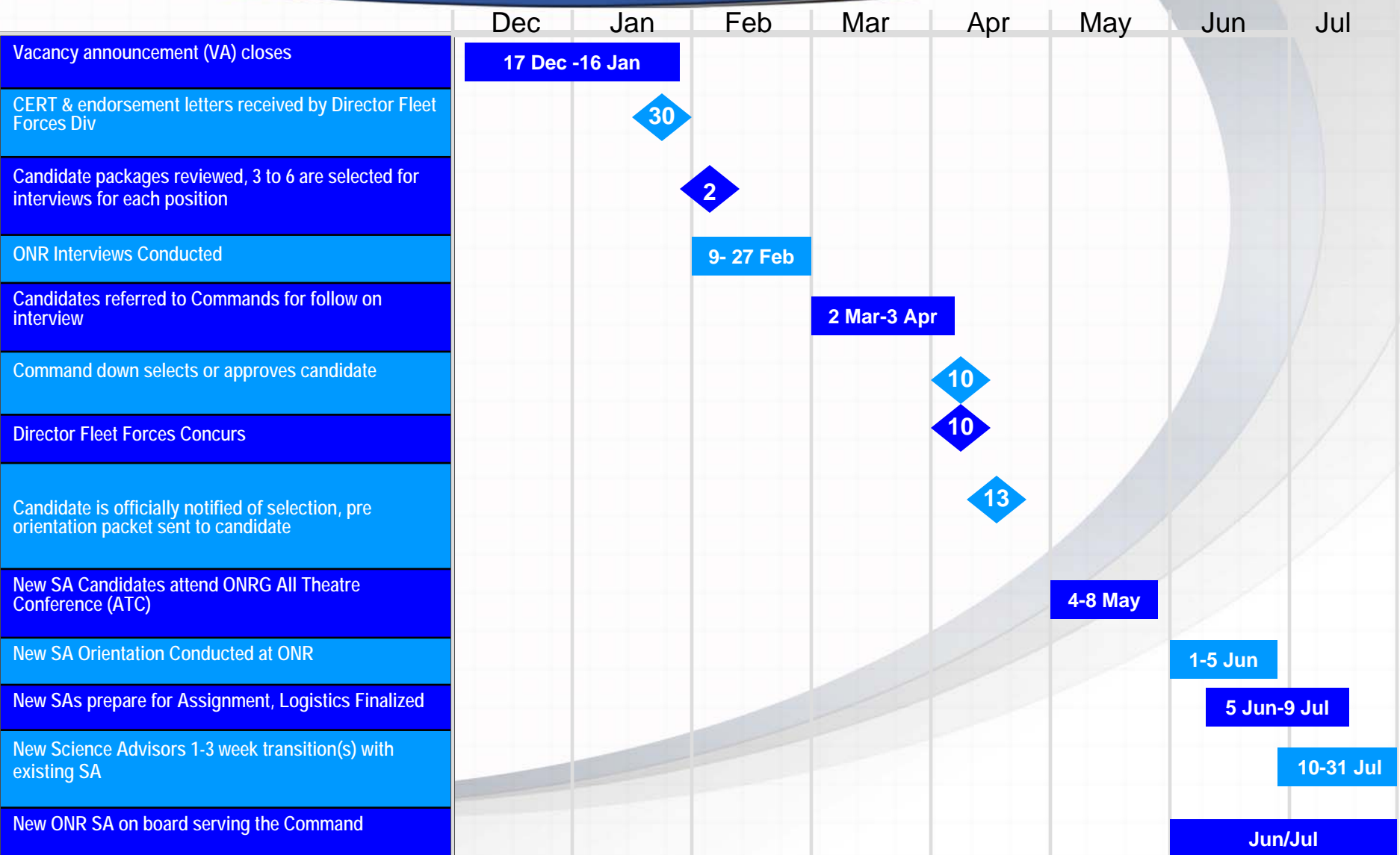


Requirements to Become an SA

1. **Apply through CHART System** (announcement occurs ~6 months prior to deployment)
2. **Contact Existing Science Advisors**, talk to your lab/warfare center SA Program Manager
3. Most are senior engineers & scientist with **over 10 years of practical experience** working on Fleet Force Systems (Aircraft, Ship, Submarines, Components) & Processes
4. Senior Level Staff and Leadership **Interaction and Briefing Experience**
5. **Need an Endorsement Letter** from your "Home" Command (due 2 weeks after VA closes)
 1. Approves you applying to become an ONR SA
 2. Home command agrees to take you back at equal or greater pay, position at end of tour
6. Must Have a **TS SCI Clearance**
7. Must Be a **Self Starter, Highly Motivated, Agent of Change, Positive Attitude**
8. **Strong Communication Skills**
9. Can **maintain a sense of humor** under high stress situations



FY 09 ONR SA Selection Process



*These dates projected as of 3 Nov 08

Science Advisor Training



One Week Orientation prior to your Assignment

Coaching on Key Communication Tools

- Point paper design, bios, briefs, quad charts, Letter of Intent

Collaboration with SA Community

- All Theater Conference
- Navy Industry Tours
- Synergy among ONR, ONR Global Peers

Fleet Force Director Sounding Board, Guidance

Peer Mentorship



Potential Vacancies in Summer 09*



Command:
CNO Exec Panel
CNO N81
CNO N6
MARFORPAC
C7F
III MEF
NMAWC
C3F
NNWC
NWDC
SUBFOR
NAVCENT

Location:
Arlington, VA
Arlington, VA
Arlington, VA
Camp Smith, HI
Yokosuka, Japan
Okinawa, Japan
San Diego, CA
San Diego, CA
Norfolk, VA
Norfolk, VA
Norfolk, VA
Bahrain



Vacancy Announcement posted 17 Dec 08 – 16 Jan 09 , new SAs in place July 09





Back up Slides



ONR SA Selection Process

- Vacancy announcement (VA) closes (target: open 17 Dec 08, close 16 Jan 09)
- CERT & endorsement letters received by Director Fleet Forces Div
 - ~ 2 weeks after VA closes (target: 30 Jan 09)
- Candidate packages reviewed, 3 to 6 are selected for interviews for each position
- ONR Interviews Conducted (target: 9 Feb 09 through 27 Feb 09)
- Candidates referred to Commands for follow on interview (2 Mar 09 through 3 Apr 09)
- Command down selects or approves candidate (target: NLT 10 April 09)
- Director Fleet Forces Concurs (target: NLT 10 April 09)
- Candidate is officially notified of selection, pre orientation packet sent to candidate
- New SA Candidates attend ONRG All Theatre Conference (ATC) May 4-8, 2009
- New SA Orientation Conducted at ONR (target: 1-5 June 09)
- New SAs prepare for Assignment, Logistics Finalized
- New Science Advisors 1 wk transition(s) with existing SA 20-31 July 09)
- New ONR SA on board serving the Command (June/July 09)

* These dates are projected as of 3 Nov 08